

INSTITUTION DETAILS

Name Of the College	SRI SAI RAM INSTITUTE OF TECHNOLOGY (AUTONOMOUS)
Address	SAI LEO NAGAR, DHARKAST POST, WEST TAMBARAM, KANCHIPURAM, CHENNAI
Pincode	600044
Year of establishment of the college	2008
Type of the Institution	SELF FINANCING
Category Of the College	NON MINORITY
Type of college	ENGINEERING
Is the College Autonomous	YES
Autonomous Approved From the year	2020
Autonomous Validity period of the year	2020-2030
Is the college Functioning at the above said-approved site?	YES
Mobile Numbers	9677053338
Telephone Numbers	044 - 22512111
Other Telephone Numbers	044 - 22512333
Fax Numbers	044 - 22512323
E mail ID	sairam@sairamit.edu.in
Website Address	WWW.SAIRAMIT.EDU.IN
Inclusion under Sections 2(f) and 12(B) of the UGC Act, 1956	
Section 2(f)	Included
Letter No. and date, if included	8-268/2015(CPP-I/C & 18-08-2015
Section 12(B)	Included
Letter No. and date, if included	F.NO.8-414/2019 (CPP-I/C) & 11-07-2019
Any other Accreditation / Recognition	Others-NBA NAAC ISO

TRUST DETAILS

The Head of the Trust	Chairman
Name Of the Trust/Society	SAPTHAGIRI EDUCATIONAL TRUST
Address of the Registered Office	SAI BHAVAN, NO.31-B, MADLEY ROAD. T. NAGAR
	CHENNAI 600 017
District	Chennai
Name of the Chairman	Mr. SAI PRAKASH LEOMUTHU
Father Name	Mr. JOTHI PRAKASAM ALIAS LEOMUTHU M
E-mail	ceo@sairamit.edu.in
Mobile Number of the Chairman	8754582228
Telephone number	044 - 42267777
Telephone number - Office	044 - 42267779
Telephone number - Residence	044 - 42267779
Registration Number & Date	Registration Number Date 132/1994 21-03-1994

PRINCIPAL

Name	Dr. PALANIKUMAR K								
Date of birth	10-05-1968								
Age	53								
Father Name	Mr. KAYAROGANAM R								
Date of joining	01-09-2008								
Experience	27								
Telephone number - Office	044 - 22512111								
Telephone number - Residence	044 - 22280226								
Fax number	044 - 22512323								
Mobile number	9677053338								
E-mail	principal@sairamit.edu.in								
Residential Address	PLOT NO 76, 6 TH CROSS STREET, VGP SRINIVASA NAGAR NORTH								
Line 1									
Line 2	RAJAKILPAKKAM CHENNAI 600126								
District	Kancheepuram								
Educational Qualification	<table> <thead> <tr> <th>Degree</th> <th>Specialization</th> </tr> </thead> <tbody> <tr> <td>Class Ph.D.</td> <td>Faculty of Mechanical Engineering</td> </tr> <tr> <td>First Class M.E.</td> <td>Production Engineering</td> </tr> <tr> <td>Distinction A.M.I.E.</td> <td>Others-MECHANICAL ENGINEERING</td> </tr> </tbody> </table>	Degree	Specialization	Class Ph.D.	Faculty of Mechanical Engineering	First Class M.E.	Production Engineering	Distinction A.M.I.E.	Others-MECHANICAL ENGINEERING
Degree	Specialization								
Class Ph.D.	Faculty of Mechanical Engineering								
First Class M.E.	Production Engineering								
Distinction A.M.I.E.	Others-MECHANICAL ENGINEERING								
Title of the Ph.D. Thesis	STUDIES ON MACHINING CHARACTERISTICS OF GLASS FIBER REINFORCED POLYMER COMPOSITES								

EXISTING APPROVED COURSES

Sl.No.	Degree	Name of the Course	Sanctioned intake in the academic year 2020 - 2021	Intake sought for the academic year 2021-2022	Remarks
1.	B.E.	Civil Engineering	30	0	Closure of Course
2.	B.E.	Computer and Communication Engineering	60	60	Continuous for approval
3.	B.E.	Computer Science and Engineering	180	180	Continuous for approval
4.	B.E.	Electrical and Electronics Engineering	60	60	Continuous for approval
5.	B.E.	Electronics and Communication Engineering	120	120	Continuous for approval
6.	B.E.	Mechanical Engineering	90	60	Reduction in Intake and Continuous for approval
7.	B.Tech.	Artificial Intelligence and Data Science	60	60	Continuous for approval
8.	B.Tech.	Information Technology	120	120	Continuous for approval
9.	M.B.A.	Master of Business Administration	60	60	Continuous for approval
10.	M.E.	Big Data Analytics	18	18	Continuous for approval
11.	M.E.	Industrial Safety Engineering	18	18	Continuous for approval

EXISTING AFFILIATED COURSES

Department	Degree	Course	Year of introduction	Nature of affiliation	Year of Permanent	Accreditation status	Period of accreditation	Letter No. and date	Sanctioned	Sanctioned	Sanctioned	Sanctioned	Sanctioned	Fifth	Fourth	Third	Second	First
									2016 - 2017	2017 - 2018	2018 - 2019	2019 - 2020	2020 - 2021	Year	Year	Year	Year	Year
CIVIL ENGINEERING - -	B.E.	Civil Engineering	2013	Provisional	-	Not Accredited	-	--	0	60	60	30	30	0	44	0	12	0
COMPUTER SCIENCE AND ENGINEERING - -	B.E.	Computer and Communication Engineering	2020	Provisional	-	Not Accredited	-	--	0	0	0	0	60	0	0	0	0	49
COMPUTER SCIENCE AND ENGINEERING - -	B.E.	Computer Science and Engineering	2008	Permanent	2018	Accredited	2018-07-06 - 2021-06-30	F.NO.33-358/2017-NBA	0	120	120	180	180	0	114	111	152	153
ELECTRICAL AND ELECTRONICS ENGINEERING - -	B.E.	Electrical and Electronics Engineering	2008	Permanent	2018	Accredited	2018-07-06 - 2021-06-30	F.NO.33-358/2017-NBA	0	120	120	60	60	0	90	34	49	48
ELECTRONICS AND COMMUNICATION ENGINEERING - -	B.E.	Electronics and Communication Engineering	2008	Permanent	2018	Accredited	2018-07-06 - 2021-06-30	F.NO.33-358/2017-NBA	0	120	120	120	120	0	101	67	97	88
MECHANICAL ENGINEERING - -	B.E.	Mechanical Engineering	2011	Provisional	-	Accredited	2018-07-06 - 2021-06-30	F.NO.33-358/2017-NBA	0	120	120	120	90	0	109	68	53	32
COMPUTER SCIENCE AND ENGINEERING - -	B.Tech.	Artificial Intelligence and Data	2020	Provisional	-	Not Accredited	-	--	0	0	0	0	60	0	0	0	0	47
INFORMATION TECHNOLOGY - -	B.Tech.	Information Technology	2008	Permanent	2018	Accredited	2018-07-06 - 2021-06-30	F.NO.33-358-2017-NBA	0	120	120	120	120	0	102	95	102	119
MASTER OF BUSINESS ADMINISTRATION	M.B.A.	Master of Business Administration	2009	Provisional	-	Not Accredited	-	--	0	0	0	60	60	0	0	0	59	33
COMPUTER SCIENCE AND ENGINEERING - -	M.E.	Big Data Analytics	2020	Provisional	-	Not Accredited	-	--	0	0	0	0	18	0	0	0	0	7
MECHANICAL ENGINEERING - -	M.E.	Industrial Safety Engineering	2019	Provisional	-	Not Accredited	-	--	0	0	0	18	18	0	0	0	11	10



ANNA UNIVERSITY

SARDAR PATEL ROAD, CHENNAI - 600 025

REGISTRAR

Phone : +91 - 44 - 2235 2161

Office : 44 2235 7004

+91 - 44 - 2235 7003

Fax : +91 - 44 - 2235 1956

E-mail : registrar@annauniv.edu

Lr. No. 02/AFF LN/C AI/A U/2021-2022/4124

Date : 04-08-2021

To

The Principal

**Sri Sai Ram Institute of Technology
(Autonomous) Sai Leo Nagar,
Dharkast Road, West Tambaram,
Kanchipuram, Chennai - 600044.**



Sir,

Sub : Anna University - Provisional Affiliation for the Existing course(s) / New course(s) / Variation in intake - U.G. / P.G. for the academic year 2021 -2022 - granted - Reg.

Ref: 1. Your application for affiliation for the academic year 2021 -2022
2. AICTE / COA / DGS Approval for the academic year 2021-2022 - submitted by the college

I am to inform that under the provisions of Section 7.6.1 of the Statutes for Affiliation of Anna University, Chennai, **Provisional Affiliation** for the continuation of the existing course(s) / new course(s) / variation in intake in the existing course(s) is granted for the following U.G. / P.G. courses with the sanctioned intakement ioned against each course for the academic year **2021-2022** at **Sri Sai Ram Institute of Technology (Autonomous), Sai Leo Nagar, Dharkast Road, West Tambaram, Kanchipuram, Chennai - 600044.**

SI. No.	Degree	Course(s)	Sanctioned Intake	
			2020-2021	2021-2022
1.	B.E.	Computer and Communication Engineering	60	60
2.	B.E.	Mechanical Engineering	90	60
3.	B.Tech.	Artificial Intelligence and Data Science	60	60
4.	M.B.A.	Master of Business Administration	60	60
5.	M.E.	Big Data Analytics	18	18
6.	M.E.	Industrial Safety Engineering	18	18

The above said Provisional Affiliation is being granted subject to the fulfillment of the conditions mentioned below:

- Production of originals of AICTE / COA / DGS approval and all other related documents for verification, whenever demanded by the University .
- Verification by a Committee toward s the fulfillment of the conditions mentioned above and the continued fulfillment of the requirements for the above-mentioned course(s) as per the norms and standards of AICTE / University and the laboratory requirements as per the curricula and syllabi of Anna University, Chennai for the above courses. In the event of any violation/infringement of the above said conditions and/ or the provisions of Anna University, Chennai Act / Statutes/ Regulations, AICTE Act , norms & standards/ regulations/ guidelines or any other law being in force, suitable action including suspension / withdrawal of affiliation of course(s) may be initiated against the college.
- Students should not be admitted for the above course(s) for the next academic year 2022-2023 without obtaining the order of continuation of provisional affiliation for the next academic year from the University .

The Provisional Affiliation is granted without prejudice to the right of the University of requiring production of certificate required under Section 37-B of TAMILNADU Reforms (LC) Act 1961 subject to the decision of the Hon' ble High Court of Madras in W.A. No. 3454 / 2002 batch and W.A. No. 3482 / 2002 batch.

Copy to:



[Handwritten signature]
24/08/2021

REGISTRAR
Anna University
Chennai-25

1. The Controller of Examinations, Anna University, Chennai - 600 025.
2. The Commissioner of Technical Education, DOTE campus, Chennai - 600 025.
3. The Regional Officer, Southern Regional Office, AICTE, 26, Haddows Road, Shastri Bhawan, Chennai - 600 006.
4. The Chairman, All India Council For Technical Education, Nelson Mandela Marg, Vasant Kunj, New Delhi-110070.
5. Master file.

Shiji
4/8/21

Shiji
04/8/21

Shiji
4/8/21

copy to: 1.V.

J.V.



ज्ञान-विश्व-विमुक्तये

डॉ. देव स्वरुप

पूर्व कुलपति, राजस्थान विश्वविद्यालय, जयपुर
अपर सचिव

Dr. Dev Swarup

Former Vice-Chancellor, University of Rajasthan, Jaipur
Additional Secretary



विश्वविद्यालय अनुदान आयोग
University Grants Commission

(मानव संसाधन विकास मंत्रालय, भारत सरकार)
(Ministry of Human Resource Development, Govt. of India)

बहादुर शाह जफर मार्ग, नई दिल्ली-110002
Bahadur Shah Zafar Marg, New Delhi-110002

दूरभाष Phone : 011-23212027
E-mail : devswarupugc@gmail.com | dev.ugc@nic.in

No.F. 22-1/2017(AC)

SPEED POST

December, 2019

The Registrar,
Anna University
Sardar Patel Road
Guindy, Chennai-600 025

09 DEC 2019

Sub:- Conferment of Autonomous Status to Sri Sai Ram Institute of Technology, Sai Leo Nagar, West Tambaram, Chennai-600 044 Tamilnadu affiliated to Anna University, Chennai

Sir/Madam,

This is with reference to the proposal submitted by Sri Sai Ram Institute of Technology, Sai Leo Nagar, West Tambaram, Chennai-600 044 Tamilnadu affiliated to Anna University, Chennai under the UGC Scheme for Autonomous Colleges.

The Standing Committee constituted by University Grants Commission, in its meeting held on 04.12.2019 decided to grant autonomous status to Sri Sai Ram Institute of Technology, Sai Leo Nagar, West Tambaram, Chennai-600 044 Tamilnadu affiliated to Anna University, Chennai for a period of ten years w.e.f. 2020-2021 to 2029-2030.

The University is requested to issue necessary notification/order regarding the grant of autonomous status to the college as per UGC (Conferment of Autonomous Status Upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulations, 2018 for Autonomous Colleges. The college, if eligible, shall apply for autonomy grant as per the norms laid down in the Regulations.

The autonomous college is required to abide by all the provisions of the UGC Regulations for Autonomous Colleges. The Regulations are available on the UGC website, www.ugc.ac.in. The college shall also apply in the prescribed format to University Grants Commission for extension of autonomous status six months prior to the expiry of the autonomous cycle.

Yours faithfully,


(Dev Swarup)

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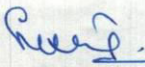
: 2 :

Copy to:-

1. The Principal Secretary,
(Higher Education)
Govt. of Tamilnadu,
N.K.M. Building, 6th Floor,
Secretariat, Chennai – 600 009
(Tamilnadu)
2. The Joint Secretary,
UGC South Eastern Regional Office,
PB No. 152, APSFC Building,
4th Floor, 5-9-194, Chirag Ali Lane,
Hyderabad-500 001
3. ✓ The Principal,
Sri Sai Ram Institute of Technology,
Sai Leo Nagar, West Tambaram,
Chennai-600 044 Tamilnadu

A copy of the UGC Expert Committee report is enclosed herewith for information and appropriate action by college

- 4 Meeting Cell
- 5 Concerned file
- 6 Guard file


(Dev Swarup)


16/10/16

राष्ट्रीय प्रत्यायन बोर्ड

चौथा तल, ईस्ट टावर, एन. बी. सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली -110003
NATIONAL BOARD OF ACCREDITATION
4th Floor, East Tower, NBCC Place, Bhisham Pitamah Marg, Pragati Vihar, Lodhi Road, New Delhi 110003



F. No. 33-358/2017-NBA

Dated: 09.06.2021

To
The Principal
Sri Sai Ram Institute of Technology,
Sai Leo Nagar, Dharkast, West Tambaram,
Chennai-600044,
Tamil Nadu

Subject: Grant of further accreditation of one year in case of UG Engineering programs in Tier II offered by Sri Sai Ram Institute of Technology, Sai Leo Nagar, Dharkast, West Tambaram, Chennai-600044, Tamil Nadu on the basis of Compliance Report.

Sir,

This is regarding Compliance Reports submitted by Sri Sai Ram Institute of Technology, Sai Leo Nagar, Dharkast, West Tambaram, Chennai-600044, Tamil Nadu for the UG Engineering programs which were accredited by NBA in Tier-II for academic years 2018-19 to 2020-21 and validity of accreditation is expiring on 30.06.2021.

2. The National Board of Accreditation (NBA) has decided that in all cases of UG Engineering programs which were accredited in Tier I/Tier II for a period of 3 years i.e. up to 30-06-2021 and for which the concerned Institutions have submitted Compliance Reports, but, the visits for data verification of the programs are pending because of the current pandemic situation due to Corona virus, the programs will be considered for further accreditation of one year i.e. up to 30-06-2022 after data verification of the programs in NBA on the basis of the submitted Compliance Reports. The data submitted by Sri Sai Ram Institute of Technology, Sai Leo Nagar, Dharkast, West Tambaram, Chennai-600044, Tamil Nadu in the Compliance Reports have been examined and verified in NBA. Based on the same, the Competent Authority in NBA has approved the following accreditation status to the programs as given in the Table below:

Sl. No.	Name of the Program(s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Electrical & Electronics Engineering	Tier-II	Accredited	Academic Year 2021-2022 i.e. up to 30-06-2022	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier.
2.	Computer Science & Engineering		Accredited		
3.	Mechanical Engineering		Accredited		
4.	Electronics and Communication Engineering		Accredited		
5.	Information Technology		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

Contd./-

Tel: +91 11 2436 0620-22, 2436 0654; Telefax: +91 11 4308 4903
Website: <http://www.nbaiind.org> | Email: membersecretary@nbaiind.org

4. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to Sri Sai Ram Institute of Technology, Sai Leo Nagar, Dharkast, West Tambaram, Chennai-600044, Tamil Nadu as a whole. As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is program accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

5. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

6. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

Yours faithfully,


(Dr. Anil Kumar Nassa)
Member Secretary

Copy to:

1. The Registrar,
Anna University, Guindy
Tamil Nadu-600025
2. The Principal Secretary (Higher Education)
Government of Tamil Nadu
N.K.M. Building, 6th Floor, Secretariat
Chennai-600009
Tamil Nadu
3. The Commissioner,
Directorate of Technical Education
Sardar Patel Road, Guindy
Chennai-600025, Tamil Nadu
4. Accreditation File
5. Master Accreditation file of the State

NATIONAL BOARD OF ACCREDITATION

NBCC Place, East Tower, 4th Floor, Bhisam Pitamah Marg,
Pragati Vihar, New Delhi-110 003
Tel: +91 11 2436 0620-22, 2436 0654 ; Telefax: +91 11 4308-4903
Website: www.nbaiind.org



F.No. 33-358/2017-NBA

Dated: 17-10-2018

To
The Principal
Sri Sai Ram Institute of Technology,
Sai Leo Nagar, Dharkast,
West Tambaram,
Chennai.600044, Tamil Nadu

Subject: Accreditation status of programmes applied by Sri Sai Ram Institute of Technology, Sai Leo Nagar, Dharkast, West Tambaram, Chennai-600044, Tamil Nadu.

Sir,

This has reference to your application I.D. No. 2229-09/02/2017 seeking accreditation by National Board of Accreditation in Tier-II format to UG Engineering programs offered by Sri Sai Ram Institute of Technology, Sai Leo Nagar, Dharkast, West Tambaram, Chennai-600044, Tamil Nadu.

2. An Expert Team conducted on-site evaluation of the programs from 6th to 8th July, 2018. The report submitted by the Expert Team was considered by the concerned Committees constituted for the purpose in NBA. The competent authority in NBA has approved the following accreditation status to the programs as given in the table below:

Sl. No	Name of the Program (s) (UG)	Basis of Evaluation	Accreditation Status	Period of validity	Remarks
(1)	(2)	(3)	(4)	(5)	(6)
1.	Electrical & Electronics Engineering	Tier-II June 2015 Document	Accredited	Academic Years 2018-2019 to 2020-2021 i.e. upto 30-06-2021	Accreditation status granted is valid for the period indicated in Col.5 or till the program has the approval of the competent authority, whichever is earlier
2.	Computer Science & Engineering		Accredited		
3.	Mechanical Engineering		Accredited		
4.	Electronics and Communication Engineering		Accredited		
5.	Information Technology		Accredited		

3. It may be noted that only students who graduate during the validity period of accreditation, will be deemed to have graduated with an NBA accredited degree.

4. The programs have been granted accreditation for 3 years. Sri Sai Ram Institute of Technology, Sai Leo Nagar, Dharkast, West Tambaram, Chennai-600044, Tamil Nadu should submit the Compliance Report at least six months before the expiry of validity of accreditation mentioned above to be eligible to be considered by the concerned Committee in NBA for further processing of the accreditation status. This could entail further extension of accreditation or a revisit, as deemed appropriate by NBA Committees.

Chintre

Contd/...

5. The accreditation status awarded to the programs as indicated in the above table does not imply that the accreditation has been granted to Sri Sai Ram Institute of Technology, Sai Leo Nagar, Dharkast, West Tambaram, Chennai-600044, Tamil Nadu as a whole. As such the Institution should nowhere along with its name including on its letter head etc. write that it is accredited by NBA because it is programs accreditation and not Institution accreditation. If such an instance comes to NBA's notice, this will be viewed seriously. Complete name of the program(s) accredited, level of program(s) and the period of validity of accreditation, as well as the Academic Year from which the accreditation is effective should be mentioned unambiguously whenever and wherever it is required to indicate the status of accreditation by NBA.

6. The accreditation status of the above programs is subject to change on periodic review, if needed by the NBA. It is desired that the relevant information in respect of accredited programs as indicated in the table in paragraph 2, appears on the website and information bulletin of the Institute.

7. The accreditation status awarded to the programs as indicated in table in paragraph 2 above is subject to maintenance of the current standards during the period of accreditation. If there are any changes in the status (major changes of faculty strength, organizational structure etc.), the same are required to be communicated to the NBA, with an appropriate explanatory note.

8. A copy each of the Report of Chairman of the Visiting Team and Evaluators' Reports in respect of the above programs are enclosed.

9. If the Institute is not satisfied with the decision of NBA, it may appeal within thirty days of receipt of this communication giving reasons for the same and by paying the requisite fee.

Yours faithfully,


(Dr. Anil Kumar Nassa)
Member Secretary

Encls: 1. Copy of Report of Chairman of the Visiting Team.
2. Copy each of Expert Reports of the Visiting Team.

Copy to:

1. The Registrar,
Anna University, Guindy
Tamil Nadu-600025
2. The Principal Secretary (Higher Education)
Government of Tamil Nadu
N.K.M. Building, 6th Floor, Secretariat
Chennai-600009
Tamil Nadu
3. The Commissioner,
Directorate of Technical Education
Sardar Patel Road, Guindy
Chennai-600025, Tamil Nadu
4. Accreditation File
5. Master Accreditation file of the State



राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद

विश्वविद्यालय अनुदान आयोग का स्वायत्त संस्थान

NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission

Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council
on the recommendation of the duly appointed
Peer Team is pleased to declare the
Sri Sairam Institute of Technology
Sai Leo Nagar, Tambaram (W), Chennai, affiliated to Anna University,
Tamil Nadu as
Accredited
with CGPA of 3.30 on seven point scale
at A* grade
valid up to September 25, 2023*

Date : September 26, 2018



*S. C. Sharma
Director*

NBA ACCREDITATION STATUS

PROGRAMMES ACCREDITED

	B.E.	Computer Science and Engineering
Academic Year 2018-19 To 2020-21 (upto 30.06.2021)	B.E.	Electrical and Electronics Engineering
Academic Year 2021-22 (Upto 30.06.2022)	B.E.	Electronics and Communication Engineering
	B.E.	Mechanical Engineering
	B.Tech.	Information Technology

NAAC ACCREDITATION STATUS

ACCREDITED

Accredited with CGPA 3.30 at A+ Grade

Valid upto 25th Sep, 2023

GOVERNANCE

Members of the Board and their brief background:

SI No	Name	Position	Present professional position / Occupation
1	Mr. Sai Prakash Leo Muthu	Chairman	CEO / Managing Trustee
2	Mrs. J. SharmilaRajaa	Member / Trustee	Treasurer
3	Dr. A. Kalanidhi	Member	Former V.C.,Anna University, Chennai
4	Dr. V. Ponraj	Member	Scientific Advisor to Dr.APJ.AbdulKalam,Former President of India
5	Mr. K. Mohankumar	Member (Industrialist)	Director, Harland Clarke Software India Pvt. Ltd.,
6	Dr. S. Varadharajan	Member	Former Director DTE
7	Mr. J. Sujith Kumar	Member	HR / Location Head Infosys Ltd.
8	Mr. BhawarlalVijayaraj	Member	Managing Director, Pradeep Stainless Steel Pvt. Ld. & President MEPZ (Industrialist)
9	Mr. Kailas Savant	Member	(Industrialist) CEO, SFP India Pvt. Ltd.
10	Mr. R. Sathish Kumar	Member	Trustee
11	Mr. M. Sathyamoorthy	Member	IAS (Retd.) / Executive Director

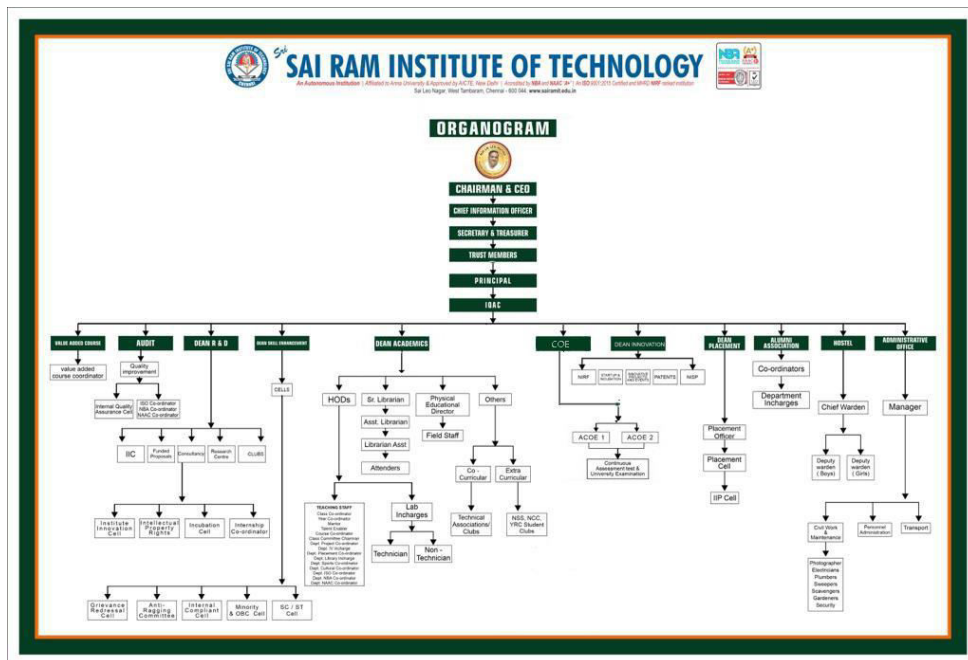
12	Dr. A. Rajendra Prasad	Member	Principal, Sri Sai Ram Engg. College
13	Dr. K. Maran	Member	Director / Sri Sai Ram Engg. College (MBA)
14	Dr. K. Palanikumar	Member Secretary	Principal, Sri Sai Ram Institute of Technology

Members of Academic Advisory Body:

Frequency of the Board Meeting and Academic Advisory Body:

- Governing Council Meeting will be held twice in a year.
- Academic Advisory Body meeting will be held twice in a year.

Organizational Chart and Processes:



Nature and Extent of involvement of Faculty and Students in academic affairs / improvements:

Initiatives taken to inculcate the spirit of research amongst faculty and students are as follows:

Following research policy was framed.

- Financial assistance is provided for publications
- Implementing a policy for distribution of Testing and Consultancy charges to motivate faculty for providing consultancy.
- More experienced faculty are encouraged to apply and obtain research grants from various Government and non- Government, research funding agencies such as UGC, DST, AICTE, RGSTC, SPPU (BCUD) etc.
- Generating awareness amongst the researchers and providing support related to various proposal formats of different funding agencies, budget, purchases of equipment and material under research schemes, account and audit of project expenditure, any additional infrastructure requirements of the researcher etc.
- Increasing faculty and student publications by providing financial assistance
- Collaborative research partnerships with academic institutes and industry are encouraged and fostered. Collaborating/partnering with research institutes/ laboratories like NIOT, Indian Institute of Technology-Madras, IIT-Bombay for student projects and teacher projects
- Assistance is provided for filing patents
- The Placement cell works in close coordination with the industries and the institute for encouraging both students and faculty to work on live projects.
- Setting up recognized research centers for M.E. and Ph.D. degree
- An initiative is taken by Library to help researchers in understanding recent updates of their publications in terms of citation index, h-index, etc.

- In-house development of both lab equipment and software
- Community engagement - Extra Curricular Activities The institute believes that we have

a responsibility towards society and that technology should be brought to the use of community. National Social Service (NSS) activities make students responsible towards society, environment, global issues, etc and develop into responsible citizens.

The institute has adopted 5 villages through Unnat Bharat Aayan .Several development activities have been taken up by SSIT students involving and engaging the villagers. Through interactions with the village ‘Sarpanch’ and the villagers, social issues were identified and activities were conducted for creating awareness/technology based solutions were found for the rural problems. The objective of this exercise was to enhance the quality of living of the villagers.

Mechanism / Norms and Procedure for democratic / good Governance:

Core values:

Core values provide the foundation for all the academic, student and societal programs and activities. The stated core values support the mission of Sri Sai Ram Institute of Technology.

- Encouraging students to become productive, participating citizens.
- Support the mission and vision of the College.
- Focus on student and stakeholder needs.
- Respond to the changing needs of our communities.
- Continuously evaluate and improve programs, services, systems, and policies
- Promote trust through professional courtesy and fair treatment.
- Recognize and support staff and student contributions.
- Encourage student and staff creativity, innovation, and risk-taking.
- Encourage interdepartmental collaboration.
- Ensure fair and equal access for all.
- Recognize, appreciate, and celebrate the strength of diversity.
- Teaching and learning is a shared responsibility between faculty and students.
- Encouraging students to become productive, participating citizens.

Code of Conduct:

This Code shall apply to all kinds of the conduct of students that occurs on the Institute premises including in University sponsored activities, functions hosted by other recognized student organizations and any off-campus conduct that has or may have serious consequences or adverse impact on the Institute's Interests or reputation.

At the time of admission, each student must be made aware of this Code that

- He/she shall be regular and must complete his/her studies in the Institute.
- In the event, a student is forced to discontinue studies for any legitimate reason, such a student may be relieved from the Institute subject to written consent of the Deans
- As a result of such relieving, the student shall be required to clear pending hostel/mess dues and if a student had joined the Institute on a scholarship, the said grant shall be revoked.

Institute believes in promoting a safe and efficient climate by enforcing behavioral standards. All students must uphold academic integrity, respect all persons and their rights and property and safety of others; etc.

All students must deter from indulging in any and all forms of misconduct including partaking in any activity off-campus which can affect the Institute's interests and reputation substantially. The various forms of misconduct include:

Any act of discrimination (physical or verbal conduct) based on an individual's gender, caste, race, religion or religious beliefs, color, region, language, disability, or sexual orientation, marital or family status, physical or mental disability, gender identity, etc.

Intentionally damaging or destroying Institute property or property of other students and/or faculty members.

Any disruptive activity in a classroom or in an event sponsored by the Institute

Unable to produce the identity card, issued by the Institute, or refusing to produce it on demand by campus security guards participating in activities including

Organizing meetings and processions without permission from the Institute. Accepting membership of religious or terrorist groups banned by the Institute/Government of India

Unauthorized possession, carrying or use of any weapon, ammunition, explosives, or potential weapons, fireworks, contrary to law or policy.

Unauthorized possession or use of harmful chemicals and banned drugs Smoking on the campus of the Institute

Possessing, Consuming, distributing, selling of alcohol in the Institute and/or throwing empty bottles on the campus of the Institute

Parking a vehicle in a no-parking zone or an area marked for parking of other types of vehicles

Rash driving on the campus that may cause any inconvenience to others

Not disclosing a pre-existing health condition, either physical or psychological, to the Chief Medical Officer which may cause Hindrance to the academic progress.

Theft or unauthorized access to others resources Misbehavior at the time of student body elections or during any Activity of the Institute.

Engaging in disorderly, lewd, or indecent conduct, including, but not limited to, creating unreasonable noise; pushing and shoving; Inciting or participating in a riot or group disruption at the Institute.

Students are expected not to interact on behalf of the Institute with media representatives or invite media persons on to the campus without the permission of the Institute authorities.

Students are not permitted to either audio or video record lectures in class rooms or actions of other students, faculty, or staff without prior Permission.

Students are not permitted to provide audio and video clippings of any activities on the campus to media without prior permission.

Students are expected to use the social media carefully and responsibly.

They cannot post derogatory comments about other individuals from the Institute on the social media or indulging in any such related activities having grave ramifications on the reputation of the Institute.

Theft or misuse of the Institute computers and other electronic resources such as computer and electronic communications facilities, systems, and services which includes unauthorized entry, use tamper, etc. of Institute property or facilities, private residences of staff/professors etc. offices, classrooms, computers networks, and other restricted facilities and interference with the work of others is punishable.

Damage to or destruction of, any property of the Institute, or any property of others on the Institute premises.

Making a video/audio recording, taking photographs, or streaming audio/video of any person in a location where the person has a reasonable expectation of privacy, without that person's knowledge and express consent.

Indulging in any form of Harassment which is defined as a conduct that is severe and objectively, a conduct that is motivated on the basis of a person's race, color, national or ethnic origin, citizenship, sex, religion, age, sexual orientation, gender, gender identity, marital status, ancestry, physical or mental disability, medical condition.

Student Feedback on Institutional Governance / Faculty Performance:

Qualitative feedback is obtained from students at the end of each semester. This feedback is subject to a qualitative analysis on four major domains (1) Quality of the teaching learning (2) Opportunities for personal and professional growth (3) Fairness and transparency in evaluation (4) Infrastructural resources and (5) Culture and ambience of the college. Based on the feedback, several actions are then carried out. Any immediate remedial action needed is decided by the principal, Academic coordinator, concerned teachers. Strategic planning for the future semesters is also based on the feedback. The feedback about individual teachers is shared with them to help them identify their strengths and weaknesses as perceived by the students. Teachers do a self-appraisal of their own professional development. The expert team then sits with each of them and helps to mentor them, helping them identify one or two Professional goals for the coming academic year. This is done cumulatively and helps teachers develop both personal and professional skills. Parental feedback is both quantitative as well as qualitative. The feedback is analysed for the strengths and drawbacks. The suggestions for improvement are taken into consideration for the

Responsibilities:

- To be vigilant at all hours all around the campus and other places vulnerable to incidents of and having the potential of, ragging and shall be empowered to inspect such places.
- To make surprise raids on hostels, and other places vulnerable to incidents and having the potential for ragging.
- To conduct an on-the-spot enquiry into any incident of ragging referred to it by the faculty or student or parent or guardian, as the case may be: and the enquiry report along with recommendations shall be submitted to the Head of the Institution for action.
- To ensure the display of posters on Institution and Department Notice Boards and other prominent designated places.
- To offer services of counseling and create awareness to the students.

Anti-Ragging Committee Members:

Name	Designation	Position in the Committee
Dr.K.Palanikumar	Principal	Chairperson
Dr.S.Rajarajan	Professor/ECE	Convener
Dr.G.Thamaraiselvi	Professor/HOD-ECE	Member
Dr.B.Sreedevi	HOD/CSE	Member
Mr.A.Srithar	HOD/Mech	Member
Dr.K.Baranidharan	Associate Professor/MBA	Member
Ms.P.LeelaJancy	Asst.Professor/IT	Member
Ms.S.Deivanayagi	Asso.Professor/ECE	Member

Anti-Ragging Squad Members:

Name	Designation	Position in the Committee
Dr.G.Thamaraiselvi	Professor/HOD-ECE	Convener
Dr.B.Sreedevi	HOD/CSE	Member
Mr.A.Srithar	Associate Professor /Mech	Member
Dr.K.Baranidharan	Professor/MBA	Member
Ms.P.LeelaJancy	Asst.Professor/IT	Member
Ms.S.Deivanayagi	Asso.Professor/ECE	Member

Establishment of Online Grievance Redressal Mechanism:

For Complaints please submit the form in the link <http://tinyurl.com/sairamit-antiragging-cell>

Establishment of Grievance Redressal Committee in the Institution and Appointment of OMBUDSMAN by the University:

Establishment of Internal Complaint Committee (ICC):

Introduction:

The Sexual Harassment includes any unwelcome sexually inclined behavior, whether directly or indirectly, such as Physical contact and advances, Demand or request for sexual favors, sexually colored remarks, Showing pornography and any other non-verbal conduct of sexual nature.

Objectives:

- To consider the welfare women teaching and non-Teaching faculty and girls students.
- To handle the issues related with sexual harassment women faculty and students.
- To provide information regarding counseling and support services on our campus.

- To take proactive measures towards sensitization of the faculty and students on gender issues.

Responsibilities:

- Committee will take all necessary steps to assist the affected person in terms of support and preventive action.
- Committee shall comply with the procedure prescribed in the aforementioned UGC Regulations 2015 and the Sexual Harassment Act for inquiring into the complaint in a time bound manner.
- If the allegations against the respondent have been proved, it shall recommend punitive actions to be taken against the respondent to the management.

Internal Compliant Committee Members:

Name	Designation	Position in the Committee
Dr.K.Palanikumar	Principal	Chairperson
Dr.B.Sreedevi	HOD/CSE	Convener
Dr.G.Thamaraiselvi	Professor/HOD-ECE	Member
Ms.V.Brindha Devi	HOD/IT	Member
Ms.K.Ramya	HOD/Civil	Member
Ms.E.Maheswari	Asso.Prof/EEE	Member
Dr.S.M.Lalitha	Asst.Prof/MATHS	Member
Ms.S.HelanRoselinGracy	Asst.Prof/MBA	Member
Dr.KannanGireesh	CEO,Live Life Education Pvt.Ltd.	NGO

For Complaints please submit the form link [http:// tinyurl.com/sairamit-internal-complaint](http://tinyurl.com/sairamit-internal-complaint)

Establishment of Committee for SC/ST:

Introduction:

SC/ST cell has been constituted in the college campus to resolve all the affairs and problems related to the SC/ST students and faculties.

Objectives:

- To bring the students belongs to SC/ST community at par with the main stream student body.
- To create a platform where students can point out their problems, regarding academic and non academic matters.
- To monitor the implementation of reservation policy in the institution.

Responsibilities:

- Committee often meets the students and faculties belong to SC/ST communities, to understand their problem and take necessary action and/or render them necessary advice/help to resolve the matter.
- Creating awareness among the SC/ST students regarding the various Government and Non-Government scholarship schemes.
- Counseling the students to help them overcome inferiority complex related to interaction with fellow students and personal grooming, etc.

SC/ST Cell Committee Members:

Name	Designation	Position in the Committee
Dr.K.Palanikumar	Principal	Chairperson
Mr.V.Balaji	HOD/S&H	Convener
Mr.G.Saravanan	Asso.Prof/ECE	Co-Convener
Mr.D.Kasinathan	Asso.Prof/Mech	Member
Ms.R.Lakshmi Devi	Asst.Prof/ECE	Member
Ms.G.Ezhilarasi	Asst.Prof/EEE	Member

Internal Quality Assurance Cell:

Introduction:

Internal Quality Assurance System is a step towards Excellence. Approach to quality assurance involves both internal and external mechanisms that would enhance academic as well as administrative processes followed in the institution. The quality policy will act as a guide to develop the quality assurance framework stating principles, guidelines, and procedures for implementation of institutional quality assurance system.

Objectives:

- The Primary aim of the IQAC is to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- To provide a sound basis for decision making to improve institutional functioning.

Functions and Responsibilities:

- Acting as a nodal agency of the institution for quality-related activities.
- Development and application of quality benchmarks/parameters for the various academic and administrative activities of the institution
- Getting feedback from students, parents and other stakeholders on quality-related institutional processes periodically and take remedial action.
- Dissemination of information on the various quality parameters of higher education.
- Organizing the workshops, seminars on quality related themes and promotion of quality circles.
- Integrating, institutionalizing and documenting the academic and non-academic activities of the various departments leading to quality improvement.
- Preparation of the Annual Quality Assurance Report (AQAR) based on the quality parameters.

INTERNAL QUALITY ASSURANCE CELL

IQAC Members List for the Academic year 2021-22

S.No	IQAC category	Name of the members
1.	One member from the Management	1. SHRI.SAI PRAKASH LEO MUTHU, CHAIRMAN & CEO 2. Mr.K.Naresh Raj, Chief Information Officer, Sairam Group of Institutions.
2.	Chairperson, Head of the Institution	Dr.K.Palanikumar, M.E., Ph.D., Principal, Sri Sai Ram Institute of Technology
3.	A few administrative senior officers (senior administrators, persons in charge of institutional services such as library, computer center, estate, student welfare, administration, academic tasks, examinations and planning and development)	Dr. S.Rajarajan, Dean, Academics Dr. G.Shanmuga Sundar, Dean, R & D Dr. S. Rathika, Associate Professor Dr.B. Sreedevi, HOD, Dept. of CSE Dr.V. Brindha Devi, HOD, Dept. of IT
4.	One of the senior teachers as the Co-ordinator/Director of the IQAC	Dr. S.Murali, HOD, Dept. of Mechanical Engg., CO-ORDINATOR

5.	Three to eight teachers	Dr. G.Prakash, HOD, Dept. of EEE Dr. G.Thamarai Selvi, HOD, Dept. of ECE Dr.S.Pachaiammal@Priya, HOD, Dept. of AI-DS Dr.Su.Suganthi, HOD, Dept. of CCE Mr.V.Balaji, HOD, Dept. of S & H Dr.C.R.Senthilnathan, Prof., Dept. of MBA Mrs.D.Pushgara Rani, Asst. Prof., Dept. of ECE Mrs.S.Deivanayagi, Asst. Prof., Dept. of ECE Mrs.D.Roopa, Asst.,Prof.,Dept. of CSE Dr.D.Muruga Radha Devi, Prof., Dept.of IT Mr.A.Anbazhagn, Asso. Prof., Dept. of EEE Mr.A.Srithar, Asso. Prof.,Dept. of MECH
6.	One/two nominees from local society, Students and Alumni	Mr. Panchatcharam, Village Administrative Officer Mr.S.Sujay Sudarshan, CEO, Professional Elevators, Chennai. Mr.Poornachandar, Entrepreneur, Alumini. Ms.V.Mathuvanthi, Student/BE-CSE Ms.C.B.Lavanya, Student/B.Tech.- IT Mr.A.Saranraj, Student/B.E-ECE Mr.K.Monish, Student/ B.E-EEE Mr.M.Srinath Melon,Student/ B.E-MECH
7.	One/two nominees from Employers /Industrialists/stakeholders	Mr.R.Sivakumar, FRESA Technologies, Chennai.

B.TECH ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Programmes

For each Programme the following details are to be given(Preferably in Tabular form):

Name of Programmes approved by AICTE	B.TECH ARTIFICIAL INTELLIGENCE AND DATA SCIENCE
Number of seats	60
Duration	4 YEARS

Cut off marks/rank of admission during the last three years	MAX:285/300[2020-2021]
Fee (as approved by the state government)	
Placement Facilities	NA
Campus placement in last three years with minimum salary ,maximum salary and average salary	NA
Name and duration of Programme(s)having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details:	
Details of the Foreign University	-
Name of the University	-
Address	-
Website	-
Accreditation status of the University in its Home Country	-
Ranking of the University in the Home Country	-
Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country	-
Nature of Collaboration	-
Conditions of Collaboration	-

Complete details of payment a student has to make to get the full benefit of Collaboration	-
For each Programme Collaborated provide the following	
Programme Focus	-
Number of seats	-
Admission Procedure	-
Admission Procedure	-
Fee (as approved by the state government)	-
Placement Facility	-
Placement Records for last three years with minimum salary, maximum salary and average salary	-
Whether the Collaboration Programme is approved by AICTE? If not whether the Domestic / Foreign University has applied to AICTE for approval	--

Faculty

Permanent Faculty	4
Adjunct Faculty	0
Permanent Faculty: Student Ratio	1:15
Number of Faculty employed and left during the last three years	NIL

Teaching Learning Process

- Curricula and syllabus for each of the Programmes as approved by the University

REGULATION 2020-AUTONOMOUS

- Academic Calendar of the University
- Academic Time Table with the name of the Faculty members handling the Course
Teaching Load of each Faculty
- Internal Continuous Evaluation System and place
- Student's assessment of Faculty, System in place

- **SYLLABUS**

- <https://sairamit.edu.in/curriculum-syllabus/>

Name : **DR PACHHAIAMMAL ALIAS PRIYA M**

Designation : **HEAD OF THE DEPARTMENT**



DOB :15/04/1982

Unique ID (College ID) :IT10AI01

Email :hodai@sairamit.edu.in

Qualification : B.TECH,M.Tech,Ph.D

UG	B.E/B.TECH/B.SC./ B.A./BBA/B.ED.	DATE OF COMPLETION	UNIVERSITY	% OF MARKS	CLASS
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	B.TECH				
	COMPUTER SCIENCE AND ENGINEERING	2003	PONDICHERRY	74	I
PG	M.E/M.TECH/	DATE OF COMPLETION	UNIVERSITY	% OF MARKS	CLASS
	COMPUTER SCIENCE AND ENGINEERING- INFORMATION SECURITY	2010	PONDICHERRY	85.9	I
PH.D	DATE OF COMPLETION	FIELD OF SPECIALIZATION	UNIVERSITY	NA	NA
	4.10.2019	INFORMATION AND COMMUNICATION ENGINEERING	ANNA UNIVERSITY		
SLET MARKS	NET MARKS	DATE OF ELIGIBILITY			

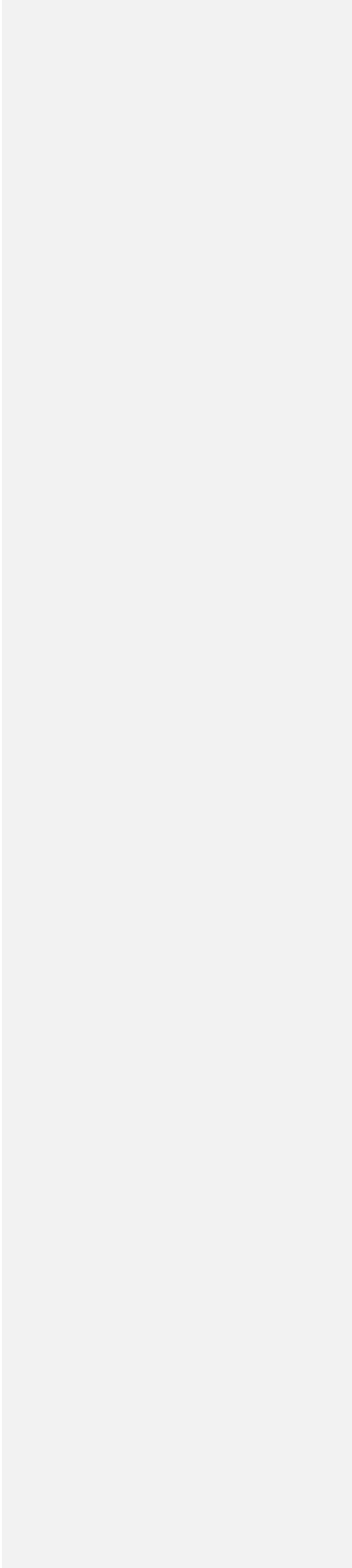
Area of Specialization	Information Security, Data Mining , Machine Learning
Research Interest	IMAGE PROCESSING, MACHINE LEARNING
Experience in years	16 YEARS 3 MONTHS
No. of workshop / Conferences / FDP attended	Workshops & FDP : 6&16 International Conference :10
No. of workshop / Conferences / FDP organized	Workshops: 2 FDP: 1 International Conferences: NIL
No.of Funded Projects applied	TNSCST-1

	LIRA-1
No.of Research Guidance	NIL

Courses Taught in UG / PG Level :	Computer Graphics Principles of Compiler Design Internet Programming Object Oriented Analysis and Design Software Project Management Computer Programming Programming and Data Structure
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Professional Membership	ISTE(LIFE MEMBER),IAENG, IRED, NDL, SMSIESRP (LIFE MEMBER),CSI(LIFE MEMBER),IEEE					
Publications	No. of papers published in National Journals / Conferences :5					
	No. of papers published in International Journals / Conferences:7					
	No. of Books published :1					
	<table border="0"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication		
Name of the Book	ISBN No:	Year of Publication				
	No.Of UG Students Guided:13					
	No.Of PG Students Guided:					
Research Funded Projects	NIL					
Patents	Filed:2					
Technology Transfer	Visited Petronas Universiti Malaysia for Student Attached Internship aSSOCIATE EDITOR -BOOK-RENEWABLE ENERGY WITH IOT AND BIOMEDICAL APPLICATIONS Delivered a Special Lecture to the participants of Anna University Approved Faculty Development Programme on CS6501-INTERNET PROGRAMMING organised and conducted by the Department OF CSE,LOYOLA-ICAM College of Engineering and Technology on 7.6.2016 Paper setter for VELS University and SRM Valliammai for the university exam Session chair for National Conference –ECE-SIT Reviewer in Inderscience Journal and Conference					

Achievements	Acted as Judge-Toycathon'21 Received ATL most consistent mentor Acted as Mentor for Smart India Hackathon
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	<p>Received an award of recognition and a gold coin for 95 % result in the subject software testing I handled.</p> <p>Received a cash price of Rs.1000 for 100% result in Web technology and Embedded Systems.</p> <p>Received award for 100% result</p>
Programs Organized	<ol style="list-style-type: none">1. Organized first International Conference on Computing and Information Technology (ICCIT'15) during August 13th & 14th 20152. Organized - symposium SINTACS 2015- on 27th July 2015.

Publications	Journals	
		<p>1. Published a paper titled “A Fusion Approach Aimed At Forecasting Of Stock Price Exchange Using Supervised Machine Learning Algorithm” in European Journal of Molecular & Clinical Medicine (EJMCM) 7 (11), ISSN 2515-8260-2020</p> <p>2. Published a paper titled " An efficient FMRI classification technique in cloud using multiple parallel feature selection algorithm" in Springer Cluster Computing-1st feb 2018</p> <p>3. Published a paper titled "Predicting the Customer Behavior Through Web Page and Content Mining Techniques" 2018 International Conference on Communication, Computing and Internet of Things (IC3IoT)-IEEE</p> <p>4. Published a paper titled “ Analysis of Performance Metrics with Mesenchymal Stem Cell Classification and Optimization Algorithms”, 2018 International Conference on Communication, Computing and Internet of Things (IC3IoT)-IEEE</p> <p>5. Published a paper titled “ Analysis of Performance Metrics with Mesenchymal Stem Cell Classification and Optimization Algorithms” in International Journal of Pure and Applied Mathematics-2018</p> <p>6. Published A Paper “Automatic Toll Payment With Vocatus Detection Using Li-Fi”, International Journal Of Creative Research Thoughts - IJCRT (IJCRT.ORG)-2017</p>

7. Published A Paper “Smart Navigation To Assist Blind People For Object Detection” in International Journal Of Creative Research Thoughts - IJCRT (IJCRT.ORG)-2017

8. Published a paper titled “Analysis methods and mining of brain functional connectivity for detection of brain disorders” in the International Journal of Applied Engineering Research (Anna University-Annexure-II) on 13.08.2015 with ISSN 0973- 4562 Vol. 10

No.75 (2015)

9. Published a paper titled “ANALYSING STEM CELLS USING TRANSFORMED STEM CELL ALGORITHM” in International Journal of Applied Engineering Research. with ISSN 0973-4562

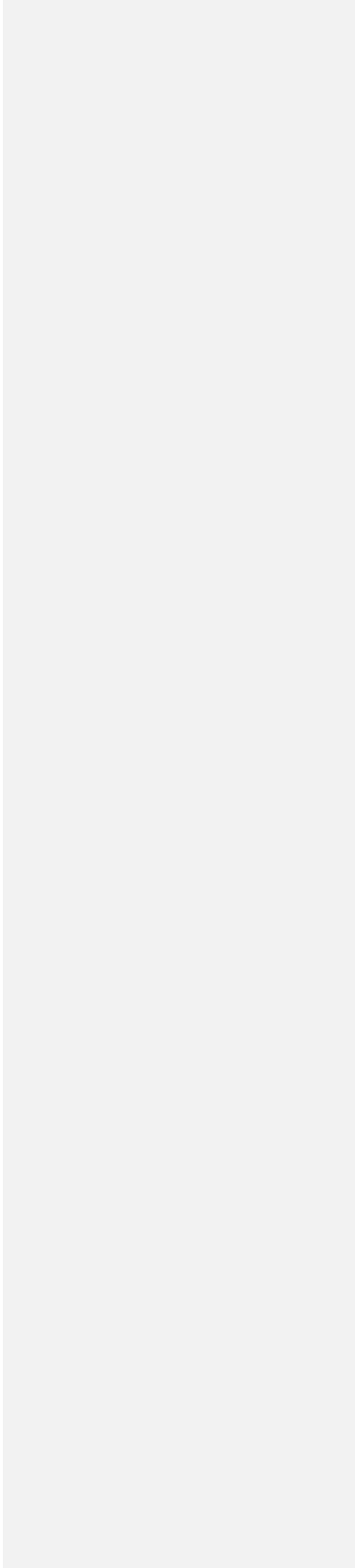
Vol.10 No.75 (2015)

		<p>10. Published a paper titled “WEB CONTENT MINING BASED RELEVANT TEXT DATAEXTRACTION” in International Journal of Applied Engineering Research (Anna University-Annexure-II) on 13.08.2015 with ISSN 0973-4562 Vol. 10 No.75 (2015)</p> <p>11. Published a paper titled Exploring The Interactions And Connectivity Among The Brain Regions For Identification Of Brain Disorders with ISSN 1819-6608,VOL.10, NO.13, JULY 2015 in ARPN Journal of Engineering and Applied Sciences</p>
	<p>Books / Book Chapters / Monographs</p>	<p>BOOK:Machine Learning And Applications</p> <p>Topic:An Expert Lung Cancer Prediction Using Artificial Neural Network</p>

Conferences

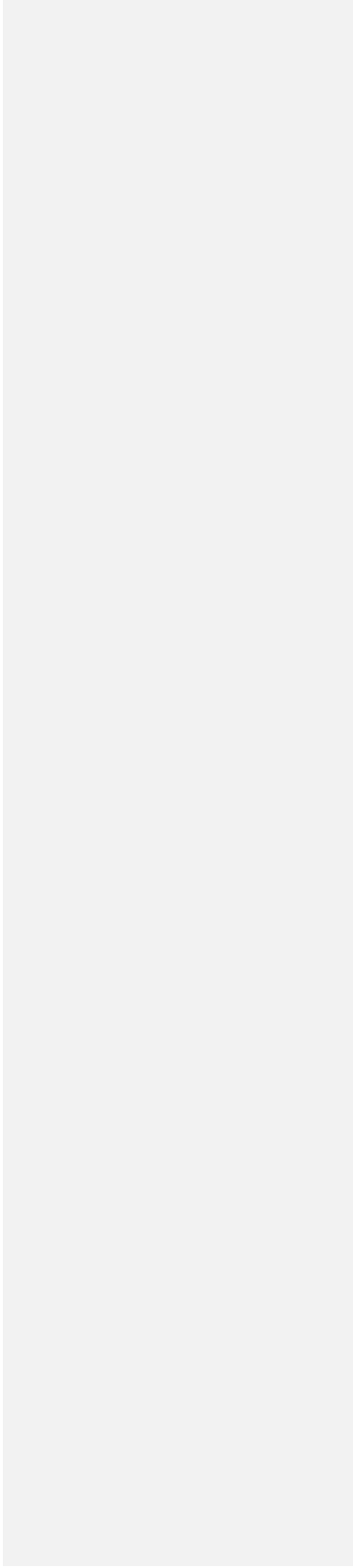
1. Presented A Paper “PROACTIVE DISASTER DETECTION” In The National Conference On Information And Communication Engineering (NICE ‘19) Organized By Sri Sairam Institute Of Technology On 21.3.2019
2. Presented A Paper “PREDICTING THE CUSTOMER BEHAVIOR THROUGH WEB PAGE AND CONTENT MINING TECHNIQUES” In The IEEE Technically Sponsored International Conference On Communication, Computing & Internet Of Things Organized By Department Of ECE, Sri Sairam Engineering College From 15.2.2018 To 17.2.2018
3. Presented A Paper “AUTOMATED TRANSPORTATION FOR DEAF-BLIND PEOPLE” In The IEEE Technically Sponsored International Conference On Communication, Computing & Internet Of Things Organized By Department Of ECE, Sri Sairam Engineering College From 15.2.2018 To 17.2.2018
4. Presented A Paper “FLOOD DAMAGE ANALYSIS USING MODERN DATA MINING TECHNIQUE” In The National Conference On Information And Communication Engineering (NICE ‘18) Organized By Sri Sairam Institute Of Technology On 18.4.2018
5. Presented A Paper "SMART ASSISTANT FOR BLIND PEOPLE FOR OBJECT DETECTION" In The National Conference On Information And Communication Engineering (NICE ‘17) Organized By Sri Sairam Institute Of Technology On 21.4.2017
6. Presented A Paper “ANALYSIS OF PULMONARY NODULE IMAGES FOR DETECTING LUNG CANCER USING RANDOM FOREST TECHNIQUE” In The National Conference On Information And

	<p>Communication Engineering (NICE '17) Organized By Sri Sairam Institute Of Technology On 21.4.2017</p> <p>7. Presented A Paper “GLOW SHIELD USING BRIGHT PASS TO IMPROVE SECURITY IN MOBILE SOCIAL ACCESS NETWORKS” In The National Conference On Information And Communication Engineering (NICE '17) Organized By Sri Sairam Institute Of Technology On 21.4.2017</p> <p>8. National Conference On Recent Enhancement In Advanced Computing Technologies (NC-REACT'16) -“Effectiveness Of Utility Based Services For Indian Railways Using Android” At RRASE College Of Engineering On 2.4.2016</p> <p>9. First International Conference On Computing And Information Technology (ICCIT'15) - “Analysis Methods And Mining Of Brain Functional Connectivity For Detection Of Brain Disorders” At Sri Sairam Institute Of Technology On 13.8.2015 & 14.8.2015</p> <p>10. First International Conference On Computing And Information Technology (ICCIT'15) - “Analyzing Stem Cells Using Transformed Stem Cell Algorithm” At Sri Sairam Institute Of Technology On 13.8.2015 & 14.8.2015</p> <p>11. First International Conference On Computing And Information Technology (ICCIT'15)- “Web Content Mining Based Relevant Text Data Extraction” At Sri Sairam Institute Of Technology On 13.8.2015 & 14.8.2015</p>
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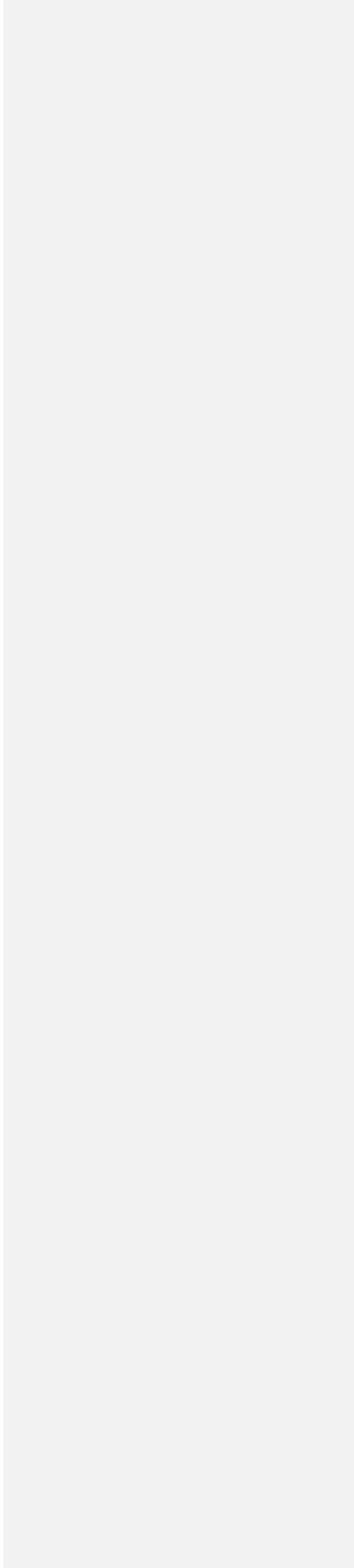


CERTIFICATION

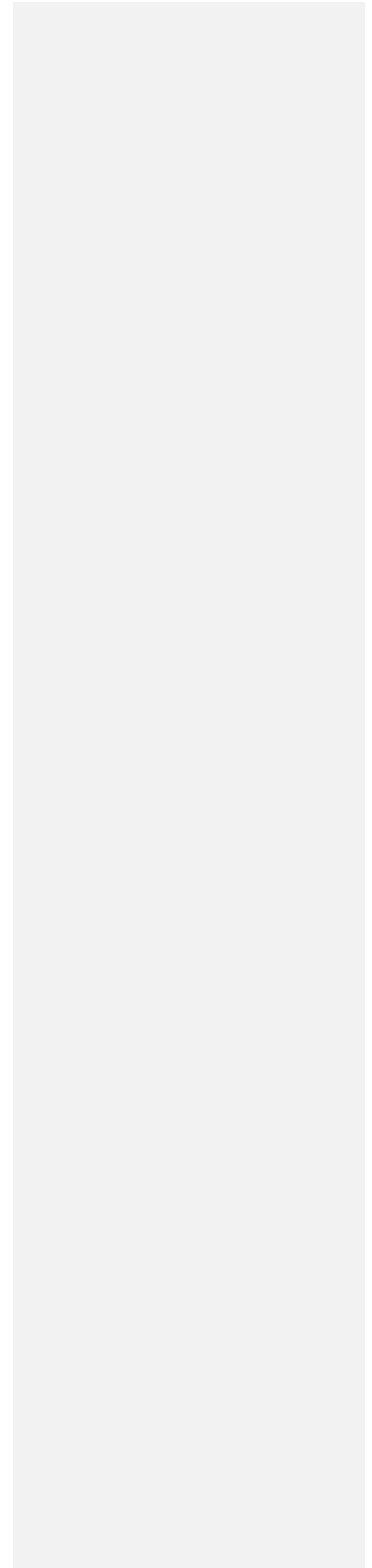
- Completed the training programme on Introduction to IOT by NASSCOM-Simplilearn
- Completed the training programme on Introduction to Project Management by NASSCOM-Simplilearn



	<ul style="list-style-type: none">● Completed and received a passing grade in Python 101 for Data Science (PY0101EN, provided by Cognitiveclass) by Cognitive AI an IBM initiative● Participated in the webinar conducted by ICT Academy-"Season 1-Technology For Future- on Future of AI inspired by Customer Use Cases for AI-ML "● Participated in the webinar conducted by ICT Academy on the topic on "Season 1- Technology For Future-on Robotic Process Automation: Basics and Beyond "● Participated in the webinar conducted by ICT Academy on the topic on "Season 1-Technology For Future-on Introduction to VMWare Cloud "● Participated in the webinar conducted by ICT Academy on the topic on "Season 1-Technology For Future-on Accelerating Experiential Learning in Engineering"● Participated in the webinar conducted by ICT Academy on the topic on "Season 1-Technology For Future-on The Future of Making"● Participated in the webinar conducted by ICT Academy on the topic on "Season 1-Technology For Future-on Introduction to AI & ML"● Participated in the webinar conducted by ICT Academy on the topic on "Season 1-Technology For Future-on Cybersecurity Essentials "● Participated in the webinar conducted by ICT Academy on the topic on "Season 1-Technology For Future-on Design Thinking - Preparing the
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Events attended WORKSHOP/FDP	<ol style="list-style-type: none">1. Attended a TECH workshop on REDHAT(OPEN SOURCE) TECHNOLOGY & INDUSTRY ADAPTATION held on 2nd March 2018 conducted by Department of CSE in association with Redhat Linux and AdvantagePro2. National Workshop on QUANTUM COMPUTATION AND CRYPTOGRAPHY organized by Department of CSE on 23.1.18 &24.1.20183. Attended a workshop on “Scope for R&D projects and Proposal Preparation” at the Centre for Technology Development and Transfer, Anna University Chennai on 12th May 20174. One day Workshop on “How to write a research paper for refereed journals” at Sri Sairam Institute of Technology on 24th January 2015
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- | | |
|--|---|
| | <ol style="list-style-type: none"> 3. REDHAT- FDP on EMERGING TRENDS OF CLOUD COMPUTING AND INDUSTRY ADAPTATION held from 16.7.2019 to 17.7.2019 4. AICTE sponsored 2 weeks FDP on DATA SCIENCE AND EXPLORATORY DATA ANALYSIS WITH R AND PYTHON from 7.6.2019 to 20.6.2019 at Sri Sairam Engineering College 5. Participated in TRAIN THE TRAINER PROGRAM ON SSC/Q0923QP-SECURITY INFRASTRUCTURE SPECIALIST IN ASSOCIATION WITH NASSCOM at Sri Sairam Engineering College from 29.10.18 to 3.11.2018 6. Participated in 2 days FDP on Introduction to Internet of Things conducted by ICT Academy on 24.1.2018 and 25.1.2018 held at Sri Sairam Institute of Technology 7. TEQIP phase-II sponsored STTP in “Recent Trends in Optimization Techniques and Applications” during 4.1.16 to 9.1.16 at Pondicherry Engineering College. 8. National Level FDP on TEACHING EXCELLENCE IN ENGINEERING AND MANAGEMENT CURRICULUM held on |
|--|---|

20.6.16 & 21.6.16

9. Attended a 2 days FDP on “Introduction to PHP and MYSQL” conducted by ICT Academy during 18/6/15 and 19/6/15 at Sri Sairam Institute of Technology
10. Attended faculty Enablement Program on “A step to outcome based Accreditation” at Sri Sairam Institute of Technology on 4th April 2015

Name : **Mr.J.JEYA GANESAN**

Designation : **Assistant Professor**

DOB : 15/06/1985

Unique ID (College ID) : IT21AI01

Email : jeyaganesan.ai@sairamit.edu.in



Qualification : **B.TECH(IT) ,M.E (CSE)**

UG	B.E/B.TECH/B.SC. /	DATE OF COMPLETION	UNIVERSITY	% OF MARKS	CLASS
	B.Tech - Information Technology	2008	Anna University	74	First Class
PG	M.E/M.TECH/	DATE OF COMPLETION	UNIVERSITY	% OF MARKS	CLASS
	M.E - Computer Science and Engineering	2012	Anna University	8.90 - CGPA	First Class with Distinction
PH.D	DATE OF COMPLETION	FIELD OF SPECIALIZATION	UNIVERSITY	NA	NA
SLET MARKS	NET MARKS	DATE OF ELIGIBILITY			

Area of Specialization	Computer Science and Engineering
Research Interest	Machine Learning, Data Analytics
Experience in years	10 Years 3 Months
No. of workshop / Conferences / FDP attended	Workshops & FDP : 12 & 8 International Conference : 5 National Conference : 3
No. of workshop / Conferences / FDP organized	Workshops: 1 FDP: 1 International Conferences: 1 National Conferences : 1
No. of Funded Projects applied	UBA:1
No. of Research Guidance	NIL
Courses Taught in UG / PG Level :	<input type="checkbox"/> Computer Network <input type="checkbox"/> Principles of Compiler Design

- Operating Systems
- Object Oriented Programming
- Software Design
- Computer Architecture
- Data Base Management System
- Mobile Computing
- Introduction to Innovation, IP Management and Entrepreneurship

Professional Membership	IEEE
Publications	No. of papers published in National Journals / Conferences : 3
	No. of papers published in International Journals / Conferences:7
	No. of Books published : Name of the Book ISBN No: Year of Publication
Research Guidance	No.of UG Students Guided: 9 No.of PG Students Guided: 1
Research Funded Projects	NIL
Patents	Filed: 1
Technology Transfer	<input type="checkbox"/> Paper setter for Bannari Amman Institute of Technology College for the university exam <input type="checkbox"/> Session chair for National <input type="checkbox"/> Exam duty ,Paper Valuation attended at other colleges
Achievements	<input type="checkbox"/> Best Mentor Award for Skill Rack Performance. <input type="checkbox"/> Acted as Mentor for Smart India Hackathon. <input type="checkbox"/> NPTEL -AICTE FDP for the course Introduction to Machine Learning IITM -April-October 2021
Programs Organized	1. Organized - symposium 2. Organized International Seminar, Guest Lecture 3. Organized International / National Conference

Publications	Journals	<p>1. Published a paper titled “Application for Intelligent Transportation and Emergency System” in International Journal of Engineering Science and Computing, Volume 9</p>
	Books / Book Chapters / Monographs	
	Conferences	<p>1. “Machine Learning Approach for Medical Diagnosis”, KLN College of Information Technology, Sivagangai, Tamilnadu, India, 27-28th November 2015.</p> <p>2. “A Review on Data Protection and Types of Attacks in Cloud Computing”, KLN College of Information Technology, Sivagangai, Tamilnadu, India, 27-28th November 2015.</p> <p>3. “Revealing Automated Service Discovered by Semantic Refinement “, Pandian Saraswathi Yadav Engineering College, Sivagangai, Tamilnadu, India, 07-08 March 2014.</p> <p>4. “Application for Intelligent Transportation and Emergency System” Pandian Saraswathi Yadav Engineering College, Sivagangai, Tamilnadu, India, 15th -16th March 2019.</p>

CERTIFICATION

- ✓ Successfully Completed the “**Introduction to Data Science**” an online non- credit authorized by **IBM** and offered through coursera.
- ✓ Successfully Completed the “**Tools for Data Science**” an online non-credit authorized by **IBM** and offered through coursera.
- ✓ Successfully Completed the “**Data Science Methodology**” an online non- credit authorized by **IBM** and offered through coursera.
- ✓ Successfully Completed the “**Python for Data Science, AI and Development**” an online non-credit authorized by **IBM** and offered through coursera.
- ✓ Successfully Completed the “**Machine Learning with Python**” an online

Events attended

WORKSHOP/FDP

1. Attended a Two day Workshop on “**Network Simulator (NS2)**” held on 29th & 30th August 2011 conducted by Department of Information Technology, KLNCIT.
2. Attended a Two day Workshop on “**Wireless Network Security**” held on 29th & 30th July 2011 conducted by Department of Information Technology, Hindusthan College of Engineering and Technology.
3. Attended a workshop on “Scope for R&D projects and Proposal Preparation” at the Centre for Technology Development and Transfer, Anna University Chennai on 12th May 2017.
4. Attended a Seven days FDP on “**Cryptography and Network Security**” held on 13th & 14th August 2013 conducted by Department of Computer Science & Engineering, KLNCE.
5. Attended a Two days skill based training program on “**J2EE and Best Practices in Application Development**” held on 17th & 18th December 2009 conducted by ICT ACADEMY OF TAMILNADU & CII in association with Cognizant and TCS .- held at Anna University , Tiruchirapalli.
6. Attended a Two days skill based training program on “**Certificate in Java Programming**” held on 24th to 27th July 2012 conducted by ICT ACADEMY OF TAMILNADU.-held at Mount Zion College of Engineering & Technology, Pudukkottai.
7. Attended a Three days skill based training program on “**Train The Trainer (TTT) on FP4.0 Focus Area 1-Object Oriented Programming**” held on 29th to 31th October 2015 conducted by Infosys Campus Connect.-held at Mepco Schlenk Engineering College.
8. Attended a Two day Workshop on “**Python Programming**” held on August 2018 conducted by Infosys Campus Connect.-held on Jeppiaar SRR Engineering College.

9. Attended a Two days FDP on "**Introduction to Big Analytics**" held on 14th - 15th December 2017 conducted by St. Joseph's College of Engineering.

10. Attended a Two days FDP on "**Introduction to R Programming**" held on 17th & 18th September 2018 conducted by Guru Nanak College, Chennai.

11. Attended a Two days FDP on "**Problem Solving in c & C++**" held on 09th & 10th August 2018 conducted by Jeppiaar SRR Engineering College, Chennai.

12. Attended a One day Workshop on "**Machine Learning Using Python**" held on 04th July 2018 conducted by Jeppiaar SRR Engineering College, Chennai.

13. Attended a Seven days FDP on "**Machine Learning for Data Science**" held on 7th – 11th July 2020 conducted by Bannari Amman Institute of Technology.

Name : **A.Sathiya**

Designation : **Assistant Professor Grade III**

DOB : 04.03.1988

Unique ID (College ID) : ITAI02

Email : sathya.ai@sairamit.edu.in

Qualification : M.E



UG	B.E/B.Tech/B.Sc./	Date of	University	% of	Class
	B.A./BBA/B.Ed.	Completion		Marks	
	B.E	2009	Anna University	74%	Ist class
PG	B.E/B.Tech/B.Sc./	Date of	University	% of	Class
	B.A./BBA/B.Ed.	Completion		Marks	
	M.E	2014	Anna University	7.7	Ist class
MBA	2013	Periyar University	72%	Ist class	
Ph.D	Date of Completion	Field of	University	NA	NA
		Specialization			
<input type="text"/>	<input type="text"/>				
SLET Marks	NET Marks	Date of			
		Eligibility			

Area of Specialization : Computer Science and Engineering

Research Interest : Image processing, Network security.

Experience in years : Teaching Research - Industry - Others -

Courses Taught in UG /PG Level:

Principles of Compiler design,

Multimedia, Data structures, Computer

Networks, DBMS, Software engineering

No. of Workshop/Conferences/ FDP

attended

: Workshop Conferences FDP

No. of Workshop/Conferences/ FDP

Organized

: Workshop Conferences FDP

Professional Memberships	IEEE membership					
Publications	No. of papers published in National Journals / Conferences : 1					
	No. of papers published in International Journals / Conferences: 3					
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of		
Name of the Book	ISBN No:	Year of				
Research Guidance	No.Of UG Students Guided: 10					
Research Funded Projects	Nil					
Patents	Filed: 1 Granted: nil					
Technology Transfer	Nil					
Achievements	Best Mentor Award (AI&DS)dept in 2021					
	Nil					



Sai RAM INSTITUTE OF TECHNOLOGY

An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by **NBA and NAAC "A+"** | An ISO 9001:2015 Certified and MHRD NIRF ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



Name : Keerthana S

Designation : **Assistant Professor Grade -III**

DOB : 06-03-1997



Unique ID (College ID) : IT21AI03

Email : keerthana.ai@sairamit.edu.in

Qualification : B.Tech.,M.E.,(PhD),,

UG	B.E/B.TECH/B.SC/ B.A./BBA/B.ED.	DATE OF COMPLETION	UNIVERSITY	% OF MARKS	CLASS
	B.Tech-IT	May, 2018	Anna University	78	First Class
PG	M.E/M.TECH/	DATE OF COMPLETION	UNIVERSITY	% OF MARKS	CLASS
	M.E – Software	August, 2020.	Anna University	84	First Class
PH.D	DATE OF COMPLETION	FIELD OF SPECIALIZATION	UNIVERSITY		
	PURSUING	MACHINE LEARNING & IMAGE PROCESSING	ANNA UNIVERSITY	NA	NA
SLET MARKS	NET MARKS	DATE OF ELIGIBILITY			
			NA	NA	NA

Area of Specialization	Software Engineering, Computer Science and Engineering
Research Interest	Machine Learning, Image processing, Computer Networks
Experience in years	1.5 Years

No. of workshop / Conferences / FDP attended	Workshops & FDP : 1 & 2 International Conference : 0
No. of workshop / Conferences / FDP organized	Workshops: 1 FDP: 1 International Conferences: 0
No. of Funded Projects applied	NIL
No. of Research Guidance	NIL

Courses Taught in UG / PG Level :	Problem Solving and Python Programming (GE8151)	
	Python Programming Lab (GE8161)	
	Programming in C (CS8251)	
	C Programming Laboratory (CS8261)	
	Fundamentals of Machine Learning Techniques (20AIPC302)	
Machine Learning Laboratory (20AIPL302)		

Professional Membership	IEEE
Publications	No. of papers published in National Journals / Conferences : 0
	No. of papers published in International Journals / Conferences:3
	No. of Books published :
	Name of the Book ISBN No: Year of Publication
	No. Of UG Students Guided: 4 No. of PG Students Guided: -
Research Funded Projects	NIL
Patents	Filed: 1 Granted: -

Technology Transfer	Exam duty, QP Scrutiny
Achievements	NITTT MODULE ONE CLEARED WITH I CLASS
Programs Organized	<p>1. FDP ON “Sentiment Analysis using Natural Language Processing & Quantum Computing, Possibilities & Perils”, on 27.11.2021 by Mr Madan Kartheessan & Mr. Abishek Sharma, Object Automation Software Solutions Pvt. Ltd.,</p> <p>2. Virtual Hands on Training on “Data Visualisation using R”, on 29.10.2021 by Mr Nirbhay Mathur, Research Scientist, Universiti Teknologi Petronas, Malaysia.</p>

Publications	Journals	<p>1. Published a paper titled,” DEEP LEARNING APPROACHES FOR BRAIN ABNORMALITIES DETECTION ON MAGNETIC RESONANCE IMAGING: A REVIEW” in IJCRT, April 2020.</p> <p>2. Published a paper titled “Deep Learning for Scene Text”</p>
	Books / Book Chapters / Monographs	NIL
	Conferences	<p>1. Presented a paper titled “Automatic Number Plate Recognition System” in the National Level technical Symposium at Alpha College of Engineering.</p> <p>2. Presented a paper titled “Crop Suggestion based on soil series using Machine Learning” in National Conference on Emerging Techniques in Food Processing, IIFPT Campus, Thanjavur.</p>

CERTIFICATION	<ol style="list-style-type: none"> 1. Completed Course on Programming for Everybody (Getting Started with Python), University of Michigan, May 2020 Certified by CoursEra. 2. Completed “Module 1: Orientation towards Technical Education and Curriculum Aspects” at NITTT, AICTE, September 2021.
<p data-bbox="185 1020 358 1050">Events attended</p> <p data-bbox="168 1152 375 1182">WORKSHOP/FDP</p>	<ol style="list-style-type: none"> 1. Attended Six Days Short Term Training Programme on “Cloud Based Data Engineering using AWS Architecture.” 2. Participated six days FDP on “Ambient Intelligent and Deep Learning” Completed course “Programming for Everbody(Getting Started with Python) on 07, May,2020. 3. Attended FDP on MATLAB for DATA SCIENTISTS organized by Dept of CSE, SVCE from April 5 to April 9, 2021. 4. Attended National Workshop on Mobile Application Development using SQLite” organized by Dept of CSE, Easwari Engineering College on 10, April, 2021. 5. Completed Six days FDP on "Ambient Intelligence in deep learning" from 26/07/2021 to 31/07/2021 at Bannari Amman Institute of Technology. 6. Attended Two days Virtual workshop on “ART OF RESEARCH” Organised by Department of IT, Sri Sairam Institute of Technology on 23.08.2021 sponsored by IEEE. 7. Attended Online Elementary FDP on “5G Technology” from 2308.2021 to 27.08.2021 at BMS College of Engineering sponsored by AICTE ATAL. 8. Attended online Webinar on “Call for Paper Writing and Research Report on Innovation” Organised by Dept of CCE, Sairam Institute of Technology on 28-November-2021.

DEPARTMENT OF COMPUTER COMMUNICATION ENGINEERING

1. Programmes

1	Name of Programme approved by AICTE	Computer and Communication Engineering
2	Name of Programme Accredited by NBA	NA
3	Status of Accreditation of the Courses	NA

Programme Details

Name **Computer and Communication Engineering**

Number of seats **60**

Duration **4 Yrs**

Cut off marks/rank of admission during the last three years **2021-2022**

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Fee (as approved by the state government)

Placement Facilities -

Campus placement in last three years with minimum salary ,maximum salary and average salary -

2. Faculty

- Course/Branch wise list Faculty members:

DEPARTMENT OF CCE S.NO	NAME	DESIGNATION	AICTE ID
1	Dr.SU.SUGANTHI	ASSOC PROFESSOR	1-2190925726
2	Mr.M.S.ULAGANATHAN	ASST PROFESSOR	1-2301889572
3	Ms.L.KANNAGI	ASST PROFESSOR	1-7788126995
4	Ms.M.SUGANYA	ASST PROFESSOR	1-4437401500

- Permanent Faculty:4
- Adjunct Faculty:NIL
- Permanent Faculty: Student Ratio:4:15
- Number of Faculty employed and left during the last three years:NIL

2. Profile of Faculty

:

Name : **Dr.SU.Suganthi**
Designation : **Associate Professor**



DOB :28.04.1981
 Unique ID (College ID) : 1-2190925726
 Email :hodcce@sairamit.edu.in
 Qualification : PhD

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	BE	APR 2002	BHARATHIDASAN	75	I
ECE					

PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.Tech	Nov 2011	JNTU,Hyderabad	89.5	I Class with Distinction
Embedded					

Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	NOV 2017	Wireless Sensor Networks	Anna University		

SLET Marks NET Marks Date of Eligibility

Area of Specialization: Embedded system

ResearchInterest: Wireless Sensor Networks

Experienceinyears:TeachingResearch Industry others

Courses Taught in UG / PG Level: 1.Embedded System,2.Wireless Networks,3.Microprocessor and microcontroller

No. of Workshop/Conferences/ FDPattended:WorkshopConferencesFDP

No. of Workshop/Conferences/ FDPOrganized:WorkshopConferencesFDP

Qualification :MTech(PhD)

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	BE	APR 2008	AVINNASHILINGAM	85	I Class with Distinction
CSE					
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.E	APR 2018	ANNA UNIVERSITY	9.04 CGPA	I Class with Distinction
CSE					
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
-					

SLET Marks NET Marks Date of Eligibility

Area of Specialization: Computer Science and Engineering

ResearchInterest: Cloud Security

Experienceinyears:TeachingResearch Industry others

Courses Taught in UG / PG Level: 1.Cryptography,2.DataBase Management 3.CProgramming

No. of Workshop/Conferences/ FDPattended:WorkshopConferencesFDP

No. of Workshop/Conferences/ FDPOrganized:WorkshopConferencesFDP

Professional Membership	IEEE
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Publications	No.of papers published in National Journals / Conferences :2
	No.of papers published in InternationalJournals / Conferences: 20
	No.of Books published :nil Name of the Book ISBN No: Year of Publication - - -
Research Guidance	No.Of UG Students Guided:NIL No.Of PG Students Guided:NIL No.OfPh.DsGuided:NIL
Research Funded Projects	NIL
Patents	Filed:01 Granted:01
Technology Transfer	-
Achievements	<ul style="list-style-type: none"> • Received "Best Performing Professor" Outstanding Young Engineer Award -2018-2021 • Received "Best performer award" in 2018 at Jeppiaar Institute of Technology • Received "Young Research Engineer" award from UNISEC,India in 2020 • Received "Certificate of Appreciation" for successful UNITY SAT launch from Deputy Chief Minister of Karnataka in 2021 • Received "Excellence in Research and Innovation of the Year 2021" in Women's Day Celebration at Jeppiaar Institute of Technology
Any Other Information	NIL

Name : **Ulaganathan.M.S**
Designation : **Assistant Professor**
DOB : **29.07.1987**
Unique ID (College ID) : **1-2301889572 / IT21C001**
Email : **ulaganathan.cce@sairamit.edu.in**
Qualification : **M.E**



UG	B.E./B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E.	31.05.2008	ANNA UNIVERSITY	74	FIRST

PG	M.E./M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.E.	31.05.2011	MANONMANIAM SUDARANAR UNIVERSITY	74.61	FIRST

Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	-				

SLET Marks NET Marks Date of Eligibility

Area of Specialization: Embedded system

Research Interest: Wireless Sensor Networks

Experience in years: Teaching Research Industry others

Courses Taught in UG / PG Level: Artificial Intelligence, Object Oriented Programming, Graph Theory, Theory of Computation, Python Programming, Cloud Computing, C programming

No. of Workshop/Conferences/ FDP attended: Workshop Conferences FDP

No. of Workshop/Conferences/ FDP Organized: Workshop Conferences FDP

Professional Membership	IEEE, IEI
Publications	No. of papers published in National Journals / Conferences : 1

	No.of papers published in InternationalJournals / Conferences: 3
	No.of Books published :nil Name of the Book ISBN No: Year of Publication - - -
Research Guidance	No.Of UG Students Guided:NIL No.Of PG Students Guided:NIL No.OfPh.DsGuided:NIL
Research Funded Projects	NIL
Patents	Filed:NIL Granted:NIL
Technology Transfer	-
Achievements	Received Appreciation Certificate for Mentoring the Students in SkillRack
Any Other Information	NIL

:



Name : L.KANNAGI
Designation :Assistant Professor
DOB :24.10.1982
Unique ID (College ID) : 1-7788126995
Email :kannagi.cce@sairamit.edu.in
Qualification : M.E

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	APRIL 2005	Anna University	80%	1 st class with distinction

PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.E	May 2009	Anna University	80%	1 st class with distinction

Ph.D	Date of Completion	Field of Specialization	University	NA	NA

SLET Marks NET Marks Date of Eligibility

Area of Specialization: Computer Science.

Research Interest: Machine learning, AI, DI

Experience in years: Teaching 5.3 Research Industry others

Courses Taught in UG / PG Level: Digital Electronics, DSP, High Speed networks, Data Structures, Web programming, Advanced data structures, Advanced Computer Architecture and Organisation, Microprocessor and Micro Controller, Python Programming, Grid Computing, C programming.

No. of Workshop/Conferences/ FDP attended: Workshop 3 Conferences 4 FDP

No. of Workshop/Conferences/ FDP Organized: Workshop - Conferences - FDP

Professional Membership	IEEE
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Publications	No.of papers published in National Journals / Conferences :1					
	No.of papers published in International Journals / Conferences: 2					
	No.of Books published :nil <table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-
Name of the Book	ISBN No:	Year of Publication				
-	-	-				
Research Guidance	No.Of UG Students Guided:NIL No.Of PG Students Guided:NIL No.Of Ph.Ds Guided:NIL					
Research Funded Projects	NIL					
Patents	Filed:NIL Granted:NIL					
Technology Transfer	-					
Achievements	-					
Any Other Information	NIL					

Teaching Learning Process

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DEPARTMENT OF COMPUTER AND COMMUNICATION ENGINEERING
I-VIII SEMESTER-CURRICULUM
 • SEMESTER-I

S. No.	Course Code	Course Title	Hours per week			Total contact hours	Credits
			Lecture	Tutorial	Practical		
THEORY							
1	20BSMA101	Engineering Mathematics-I	3	1	0	4	4
2	20HSEN101	Technical English-I	3	0	0	3	3
3	20BSPH101	Engineering Physics	3	0	0	3	3
4	20BSCY101	Engineering Chemistry	3	0	0	3	3
5	20ESCS101	Problem solving and Programming in C	3	0	0	3	3
6	20ESGE101	Engineering Graphics	1	2	0	3	3
PRACTICAL							
7	20BSPL101	Physics and Chemistry Lab	0	0	3	3	1.5
8	20ESPL101	Programming in C lab	0	0	3	3	1.5
VALUE ADDITIONS-I							
9	20CCTP101	Skill Enhancement	0	0	2	2	1
10	20MGHS101	Personal Values	2	0	0	2	0
		TOTAL				29	23

• **SEMESTER-II**
•

S. No.	Course Code	Course Title	Hours per week			Total contact hours	Credits
			Lecture	Tutorial	Practical		
THEORY							
1	20IT PC 301	Data Structures	3	0	0	3	3

2	20CC PC 301	Digital logics and system design	3	0	0	3	3
3	20ECPC303	Signals and Systems	3	1	0	4	4
4	20IT PC 303	Computer Organization &Architecture	3	0	0	3	3
5	20BSMA301	Linear Algebra, PDE and Transforms	3	1	0	4	4
PRACTICAL							
6	20ITPL301	Data Structures Laboratory	0	0	3	3	1.5
7	20CCPL301	Digital Circuits Laboratory	0	0	3	3	1.5
8	20CCTE301	Live-in-Lab - 1	0	0	2	2	1
VALUE ADDITIONS-III							
9	20CCTP301	Skill Enhancement	0	0	2	2	1
10	20MGMC301	Constitution of India	2	0	0	2	0
TOTAL						29	22

• **SEMESTER-III**

Sl. No.	Course Code	Course Title	Hours per week			Total contact hours	Credits
			Lecture	Tutorial	Practical		
THEORY							
1	20IT PC 301	Data Structures	3	0	0	3	3
2	20CC PC 301	Digital logics and system design	3	0	0	3	3
3	20ECPC303	Signals and Systems	3	1	0	4	4
4	20IT PC 303	Computer Organization &Architecture	3	0	0	3	3

5	20BSMA301	Linear Algebra, PDE and Transforms	3	1	0	4	4
PRACTICAL							
6	20ITPL301	Data Structures Laboratory	0	0	3	3	1.5
7	20CCPL301	Digital Circuits Laboratory	0	0	3	3	1.5
8	20CCTE301	Live-in-Lab - 1	0	0	2	2	1
VALUE ADDITIONS-III							
9	20CCTP301	Skill Enhancement	0	0	2	2	1
10	20MGMC301	Constitution of India	2	0	0	2	0
		TOTAL				29	22

• **SEMESTER-IV**

S. No.	Course Code	Course Title	Hours per week			Total contact hours	Credits
			Lecture	Tutorial	Practical		
THEORY							
1	20CC PC 401	Analog and Digital Communication	3	0	0	3	3
2	20CS PC 402	Data Base Management system	3	0	0	3	3
3	20CC PW 401	Operating systems with lab	3	0	2	5	4
4	20ECPC302	Electromagnetic fields and waveguides	3	1	0	4	4
5	20BSMA401	Probability theory and Stochastic processes	3	1	0	4	4
PRACTICAL							

6	20CC PL 401	Communication system lab	0	0	3	3	1.5	
7	20CSPL402	Database Management Systems Laboratory	0	0	3	3	1.5	
8	20CCTE401	Live-in-Lab -2	0	0	2	2	1	
VALUE ADDITIONS-IV								
9	20CCTP401	Skill Enhancement	0	0	2	2	1	
						29	23	

SEMESTER-V

S. No.	Course Code	Course Title	Hours per week			Total contact hours	Credits
			Lecture	Tutorial	Practical		
THEORY							
1	20ECPW501	Discrete Time Signal Processing with Lab	3	0	2	5	4
2	20ECPC402	Microcontrollers & Embedded systems	3	0	0	3	3
3	20CSPC501	Internet Programming	3	0	0	3	3
4	20XXELXXX	Professional Elective-1	3	0	0	3	3
5	20XXOEXXX	Open Elective-1	3	0	0	3	3
PRACTICAL							
6	20EC PL402	Microcontrollers & Embedded systems Laboratory	0	0	3	3	1.5
7	20CSPL501	Internet Programming Lab	0	0	3	3	1.5

8	20CCTE501	Live-in-Lab 3	0	0	4	4	2
VALUE ADDITIONS-V							
9	20CCTP501	Skill Enhancement	0	0	2	2	1
TOTAL						29	22

• SEMESTER-VI

Sl. No.	Course Code	Course Title	Hours per week			Total contact hours	Credits
			Lecture	Tutorial	Practical		
THEORY							
1	20CC PC 601	Wireless communication & computing	3	0	0	3	3
2	20 ITPC 601	Cloud Computing and Virtualization	3	0	0	3	3
3	20CS PC 601	Artificial Intelligence	3	0	0	3	3
4	20CC PW 601	Computer Networks (with Lab)	3	0	2	5	4
5	20CCELXXX	Professional Elective-2	3	0	0	3	3
6	20XXOEXXX	Open Elective-2	3	0	0	3	3
PRACTICAL							
7	20HSPL501	Communication and Soft Skills Lab	0	0	2	2	1
8	20CSPL601	Artificial Intelligence laboratory	0	0	3	3	1.5
9	20CCPJ601	Innovative Design Project	0	0	2	2	1

VALUE ADDITIONS-VI							
10	20CCTP601	Skill Enhancement	0	0	2	2	1
		TOTAL				29	23.5

• **SEMESTER-VII**

Sl. No.	Course Code	Course Title	Hours per week			Total contact hours	Credits
			Lecture	Tutorial	Practical		
THEORY							
1	20CC PW 701	Cryptographic & Network security (With Lab)	3	0	2	5	4
2	20ECPC702	Optical Communication	3	0	0	3	3
3	20CCPC701	RF and Microwave Engineering	3	0	0	3	3
4	20CC ELXXX	Professional Elective-3	3	0	0	3	3
5	20HSMG601	Principles of Engineering Management	3	0	0	3	3
PRACTICAL							
6	20ECPL701	Advanced Communication Laboratory	0	0	3	3	1.5
7	20CCPJ701	Project Phase -1	0	0	4	4	2
VALUE ADDITIONS-VII							
8	20CCTP701	Skill Enhancement	0	0	2	2	1
		TOTAL				26	20.5

SEMESTER-VIII

S. No.	Course Code	Course Title	Hours per week	Total	Credits
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			Lecture	Tutorial	Practical	contact hours	
THEORY							
1	20ECELXXX	Professional Elective-4	3	0	0	3	3
PRACTICAL							
2	20ECPJ801	Project Phase - 2	0	0	8	8	4
TOTAL						11	7

- Academic Calendar of the University

SYLLABUS

<https://sairamit.edu.in/curriculum-syllabus/>

- Academic Time Table with the name of the Faculty members handling the Course

DEPARTMENT OF COMPUTER AND COMMUNICATION ENGINEERING TIME TABLE ODD SEMESTER (2021-2022)

III SEM

DAY	1 (9.30-10.30 am)	2 (10.40-11.40 am)	3 (11.50-12.50pm)	L U	4 (1.40-2.40pm)	5 (2.50-3.50pm)
MONDAY	20BSMA301	20CC PC 301	20EC PC 303		20IT PC 303	20CCPL301
TUESDAY	20IT PC 303	20ITPC 301	20CC PC 301	N	20CCTP301	20ECPC303
WEDNESDAY	20ECPC303	20IT PC 303	20BSMA301		20MG MC 301	20IT PC 301
THURSDAY	20IT PC 301	20BSMA301	20ECPC303	C	20CC TE 301	20CC PC301
FRIDAY	20CCPC 301	20ITPC301	20IT PC 303	H	20BSMA301	20IT PL 301

S.No	Subject Code	Subject Name	Staff/ Dept
1	20IT PC 301	Data Structures	Ms.Ashwini/CSE
2	20CC PC 301	Digital logics and system design	Ms.Kannagi/CCE
3	20ECPC303	Signals and Systems	Dr.SU.Suganthi/CCE
4	20IT PC 303	Computer Organization & Architecture	Ms.Soshiya Joshi/IT
5	20BSMA301	Linear Algebra, PDE and Transforms	Mr.Joseph/S&H
6	20ITPL301	Data Structures Laboratory	Ms.Ashwini/CSE
7	20CCPL301	Digital Circuits Laboratory	Ms.Kannagi/CCE
8	20CCTE301	Live-in-Lab – 1	Mr.L.Ulaganathan/CCE
9	20CCTP301	Skill Enhancement	Ms.L.Kannagi/CCE
10	20MGMC301	Constitution of India	Dr.SU.Suganthi/CCE

TIME TABLE EVEN SEMESTER (2021-2022)

IV SEM

CLASS: II CCE

CLASS INCHARGES :M.S.ULAGANADHAN&L.KANNAGI

DAY	1	2	3	4	L U	5	6	7
MON	20BSMA401	20CCPC401	20CCPW401	20ECPC302		20CCTE401/LIVE IN LAB-II		20CSPC402

TUE	20ECPC302	20CCPL401/COMMUNICATION SYSTEM LAB			N	20CSPC402	20CCPW401	20BSMA401
WED	20CCPC401	20CCPW401	LIBRARY	20CSPC402	C	20BSMA401	20CCTP401	20ECPC302
THU	20CCPW401	20CCPC401	20BSMA401	20ECPC302	H	20CSPC402	20CCPC401	20CCPW401
FRI	20CSPC402	20ECPC302	20CCPC401	20BSMA401		20CSPL402/DATA BASE MANAGEMENT LAB		

Teaching Load of each Faculty:

DEPARTMENT OF COMPUTER AND COMMUNICATION ENGINEERING SUBJECT ALLOCATION FOR ODD SEMESTER 2021-2022

S.No	Subject Code	Subject Name	Staff/ Dept
1	20BSMA401	Probability Theory & Stochastic Processes	Mrs.Sherlin Nisha/MATHS
2	20CCPC401	Analog and Digital Communication	Dr.SU.Suganthi/CCE
3	20CSPC402	Data Base Management system	Mrs.M.Suganya/CCE
4	20CCPW401	Operating Systems with Lab	Mr.M.S.Ulaganathan/CCE
5	20ECPC302	Electromagnetic Fields and Waveguides	Mr.Venkataraman/ECE
6	20CCPL401	Communication System Lab	Dr.SU.Suganthi/CCE
7	20CSPL402	Database Management Systems Laboratory	Mrs.M.Suganya/CCE
8	20CC TE 401	Live-in-Lab – 2	Mr.M.S.Ulaganathan/CCE
9	20CCTP 401	Skill Enhancement	Ms.L.Kannagi/CCE

S.NO	Name of the staff	THEORY SUBJECT		LAB	
		Subject 1	Subject 2	Lab 1	Lab 2
1.	Dr.SU.Suganthi	S&S-II CCE	Constitution of India-II CCE	-	-
2.	Mr.MS.Ulaganathan	DBMS-III ECE	CAO-II CSE	LIVE IN LAB-I-II CCE	-
3.	Ms.L.Kannagi	DPSD-II CCE	CP-I EEE	CP LAB-I EEE	SKILL ENCHANCEMENT

4	Ms.M.Suganya	CNS-IV IT	CP-I CCE	CP LAB-I CCE	-
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SUBJECT ALLOCATION FOR EVEN SEMESTER 2021-2022

S.NO	Name of the staff	THEORY SUBJECT		LAB	
		Subject 1	Subject 2	Lab 1	Lab 2
1.	Dr.SU.Suganthi	ADC-II CCE		ADC LAB-I CCE	-
2.	Mr.MS.Ulaganathan	OS WITH LAB-II CCE	PYTHON WITH LAB-I EEE	LIVE IN LAB-II-II CCE	-
3.	Ms.L.Kannagi	DPSD-I IT	PYTHON WITH LAB-I ECE	SKILL ENCHANCEMENT	-
4	Ms.M.Suganya	DBMS-II CCE	PYTHON WITH LAB-I CCE	DBMS LAB-II CCE	-

• Internal Continuous Evaluation System and place

The Institution carefully follows the assessment technique endorsed by Anna University. The assessment weight age is 40 for continuous assessment tests and 60 for the end-semester. The academic schedule for every semester is set up in accordance with the University timetable of events, which gives the data about planned timetable for internal assessments, model assessments and the provisional timetable of University practical assessments concerning plan to the academic curriculum. The question paper pattern for the internal examinations has been normalized by the institution, like that of University end semester question paper containing Part A, Part B and Part C questions as appropriate. Continuous Assessment I covers Unit I and II, Continuous Assessment II covers Unit III and IV and Continuous Assessment III covers the entire syllabus of a specific subject. Faculties prepare three sets of question papers with respect to the tests and provide it to the exam cell, wherein the Controller of Examination select a question paper from the set and it is disseminated to the students at the time of assessment. Students' marks are redistributed to the students immediately after the completion of assessment and then recorded.

• Student's assessment of Faculty, System in place

Qualitative feedback is obtained from students at the end of each semester. This feedback is subject to a qualitative analysis on four major domains

- (1) Quality of the teaching learning
- (2) Opportunities for personal and professional growth
- (3) Fairness and transparency in evaluation
- (4) Infrastructural resources and
- (5) Culture and ambience of the college.

Based on the feedback, several actions are then carried out.

- Any immediate remedial action needed is decided by the principal, academic coordinator, concerned teachers

- Strategic planning for the future semesters is also based on the feedback.
- The feedback about individual teachers is shared with them to help them identify their strengths and weaknesses as perceived by the students.
- Teachers do a self-appraisal of their own professional development. The expert team then sits with each of them and helps to mentor them, helping them identify one or two professional goals for the coming academic year. This is done cumulatively and helps teachers develop both personal and professional skills.
- Parental feedback is both quantitative as well as qualitative. The feedback is analyzed for the strengths and drawbacks. The suggestions for improvement are taken into consideration for the following academic year during strategic planning.
- Feedback from the alumni is qualitative. This feedback is also analyzed for the strengths and drawbacks. The suggestions for improvement are taken into consideration for the following academic year during strategic planning.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Faculty

- Course/Branch wise list Faculty members:

• Permanent Faculty			
• Adjunct Faculty	NIL		
• Permanent Faculty: Student Ratio	1 :	15	
• Number of Faculty employed and left during the last three years			

- Permanent Faculty

2019-2020

<u>S.No</u>	<u>Name</u>	<u>Pan No</u>	<u>Qualification</u>	<u>Date Of Joining(dd-mm-yyyy)</u>	<u>Designation</u>	<u>Date On Which Associated As Professor/ Associate Professor</u>	<u>Currently Associated(Y/N) Date Of Leaving (In Case Currently Associated Is "No")</u>
1	Dr.A.M. Sameeullah	AAH PSS372C	Ph.D	16/06/2014	Professor	16.6.2014	Y
2	Dr. B. Sreedevi	AHZP B7999R	<u>M.Tech.Ph.D</u>	7.6.2010	<u>Hod & Associate Professor</u>	1.11.2017	Y
3	Dr.K.C. Suresh	CQIPS0900B	M.E., Ph.D	25/01/2016	Associate Professor	20.1.2016	Y
4	Ms.P. Kavitha	BOVPKB8188P	<u>M.Tech (Ph.D)</u>	10.6.2013	<u>Associate Professor</u>	2.1.2016	N(31.10.2018)
5	Mr.T.Prabahar Godwin James.	AVWPP4522D	M.Tech	1-8-2017	Associate Professor	1.11.2017	Y
6	Mr.J. Jayachandran	AJSPJ3722H	Mca., M.Phil., M.E	16/6/2017	Associate Professor	3.7.2017	Y
7	Dr M.Pachhaiammal @ Priya	ATDPP1119R	B.Tech,M.Tech, Ph.D	7.6.2010	Assistant Professor	-	Y
8	Ms.P. Suganthi	ARRPS7879K	M.E	1-6-2012	Assistant Professor	-	Y
9	Mr.P. Annadurai	AVRPA4961G	B.E.M.Tech	6-1-2013	Assistant Professor	-	Y
10	Ms.D. Raja Lakshmi	AXQPR9006A	B.Tech,M.E,(Ph.D)	16/6/2014	Assistant Professor	-	Y
11	Ms.D. Roopa	ANGPD6390R	M.E	2-1-2016	Assistant Professor	-	Y
12	Mr.T. Rangunthar	AZPPR8155H	<u>M.E(Ph.D)</u>	3-6-2009	<u>Assistant Professor</u>	-	N(27.7.19)
13	Ms.G. Vinithra	AOCPV2996Q	M.E	29/06/11	Assistant Professor	-	Y
14	Ms.S. Mathupriya	AYAPM1697B	<u>M.E</u>	08.05.13	<u>Assistant Professor</u>	-	Y
15	Mr.G. Ilamurugan	ACZPI5960J	M.E	18.07.2013	Assistant Professor	-	Y
16	Mr.K. Sathyabama	CPWPS5651C	M.Tech	2-12-2013	Assistant Professor	-	N(30.6.2019)
17	Ms.M. Bharathi	AZDPB1847J	M.E	16/06/14	Assistant Professor	-	Y
18	Ms.S. Ananthi	BNS PA4574M	B.E,M.E	16/6/2014	Assistant Professor	-	Y
19	Mr.P. Rayavel	BABPP9893A	B.E,M.E,(Ph.D)	16/6/2014	Assistant Professor	-	Y
20	Ms.M. Subashini	ECIPS6155L	B.Tech,M.E	16/6/2014	Assistant Professor	-	Y
21	Ms.C. Vanaja	ALEPV1470C	<u>M.E</u>	5-6-2015	<u>Assistant Professor</u>	-	Y
22	Mr. Ashok Paranjothi	BNYPA2574F	M.E	1.7.2016	Assistant Professor	-	Y
23	Ms R.Priyadarshini	EDRPP3959M	M. E	2-1-2016	Assistant Professor	-	Y
24	Ms B.Suganya	DVYPS7363L	M.Tech	20/01/16	Assistant Professor	-	Y

TOTAL-24

2020-2021

S.No	Name	Pan No	Qualification	Date Of Joining(d-d-mm-yyyy)	Designation	Date On Which Associated As Professor/ Associate Professor	Currently Associated(Y/N) Date Of Leaving (In Case Currently Associated Is "No")
1	Dr.A.M. Sameeullah	AAH PS5372C	Ph.D	16-06-2014	Professor	16.6.2014	Y
2	Dr. B. Sreedevi	AHZZ B799 9R	M.Tech,Ph.D	7-6-2010	HOD & Professor	1.11.2017	Y
3	Dr.M.Pachhaimmal @ Priya	ATDPP1119R	M.Tech,Ph.D	7-6-2010	Associate Professor	2020	Y
4	Dr.K.C. Suresh	CQIPS0900B	M.E., Ph.D	25-01-2016	Associate Professor	20.1.2016	Y
5	Mr.T.Prabahar Godwin James.	AVWPP4522 D	M.Tech	1-8-2017	Associate Professor	1.11.2017	Y
6	Mr.J. Jayachandran	AJSPJ3722H	Mca., M.Phil., M.E	16-6-2017	Associate Professor	3.7.2017	Y
7	Dr.M.Anbarasan	AKEPA4168P AKXPR6304 D	M.E.,PhD.,	7-8-2019	Associate Professor	7.8.2019	Y
8	Mr R.Rajesh		M.Tech	4-1-2021	Assistant	-	Y
9	Dr P. Punithavathi	AVMPP5136F	M. Tech., Ph. D	2-11-2020	Assistant Professor	-	Y
10	Ms.P. Suganthi	ARRPS7879K	M.E	1-6-2012	Assistant Professor	-	Y
11	Mr.P. Annadurai	AVRPA4961 G	B.E,M.Tech	1-6-2013	Assistant Professor	-	Y
12	Ms.D. Raja Lakshmi	AXQPR9006 A	B.Tech,M.E,(Ph.D)	16-6-2014	Assistant Professor	-	Y
13	Ms.D. Roopa	ANGPD6390 R	M.E	2-1-2016	Assistant Professor	-	Y
14	Ms.G. Vinithra	AOCPV2996 Q	M.E	29/06/11	Assistant Professor	-	Y
15	Ms.S. Mathupriya	AYAPM1697 B	M.E	5-8-2013	Assistant Professor	-	Y
16	Mr.G. Ilamurugan	ACZPI5960J	M.E	18-07-2013	Assistant Professor	-	Y
17	Mr.K. Sathyabama	CPWPS5651C	M.Tech	2-12-2013	Assistant Professor	-	N(30.6.2019)
18	Ms.M. Bharathi	AZDPB1847J	M.E	16/06/14	Assistant Professor	-	Y
19	Ms.S. Ananthi	BNS PA45 74M	B.E,M.E	16/6/2014	Assistant Professor	-	
20	Mr.P. Rayavel	BABPP9893A	B.E,M.E,(Ph.D)	16/6/2014	Assistant Professor	-	Y
21	Ms.M. Subashini	ECIPS6155L	B.Tech/M.E	5-10-2017	Assistant Professor	-	Y
22	Ms.C. Vanaja	ALEPV1470C	M.E	15/06/17	Assistant Professor	-	Y
23	Mr. Ashok Paranjothi	BNYPA2574F	M.E	1.7.2016	Assistant Professor	-	Y
24	Ms B.Suganya	DVYPS7363L	M.Tech	20/01/16	Assistant Professor	-	Y
25	C.Lekha	AOMPL5306 A	M.E	15-10-2020	Assistant Professor	-	Y
26	H. Kavietha	FPNPK2335K	B.Tech., M.E.	2-11-2020	Assistant Professor	-	Y
27	Parthiban M	BCAPP8868A	M.E.,(Ph.D)	3-11-2020	Assistant Professor	-	Y
28	Ms. J.Gladys Aani Sujitha	BFKPG5155E	M.E.,	4-1-2021	Assistant Professor	-	Y

29	Ms.K.Vijayalakshmi	AQGPV6731 K	M.E.	4-1-2021	Assistant Professor	-	Y
30	D.Naveen Raju	AWKPN9241J	M.Tech	4-1-2021	Assistant Professor	-	Y
31	Murugesan S	BPHPM6404 H	B.E.,M.E.,(Ph. D)	15-10- 2020	Assistant Professor	-	Y
32	J.Thirunavukkarasu	ARGPT4814N	B.Tech, M.E	2-11- 2020	Assistant Professor	-	Y
33	Aswini V	BFCPA6325Q	M.E	1-2-2021	Assistant Professor	-	Y

TOTAL-33

2021-2022

S.No	Name	Pan No	Qualification	Date Of Joining(dd-mm-yyyy)	Designation	Date On Which Associated As Professor/ Associate Professor	Currently Associated(Y/N) Date Of Leaving (In Case Currently Associated Is "No")
1	Dr.A.M. Sameeullah	AAH PS5372C	Ph.D	16-06- 2014	Professor	16.6.201 4	Y
2	Dr. B. Sreedevi	AHZZ B799 9R	M.Tech,Ph.D	7-6-2010	HOD & Professor	1.11.201 7	Y
3	Dr.M.Pachaiammal @ Priya	ATDPP1119R	M.Tech,Ph.D	7-6-2010	Associate Professor	2020	Y
4	Dr.K.C. Suresh	CQIPS0900B	M.E., Ph.D	25-01- 2016	Associate Professor	20.1.201 6	Y
5	Mr.T.Prabahar Godwin James.	AVWPP4522 D	M.Tech	1-8-2017	Associate Professor	1.11.201 7	Y
6	Ms.Ramya	ARKPR7438Q	M.E	23/12/20 20	Assistant Professor	23/12/20 20	Y
7	Dr.M.Anbarasan	AKEPA4168P	M.E.,Ph.D.,	7-8-2019	Associate Professor	7.8.2019	Y
8	Mr R.Rajesh	AKXPR6304 D	M.Tech	4-1-2021	Assistant Professor	-	Y
9	Dr P. Punithavathi	AVMPP5136F	M. Tech., Ph. D	2-11- 2020	Assistant Professor	-	Y
10	Ms.P. Suganthi	ARRPS7879K	M.E	1-6-2012	Assistant Professor	-	Y
11	Mr.P. Annadurai	AVRPA4961 G	B.E.M.Tech	1-6-2013	Assistant Professor	-	Y
12	Ms.D.Rajalakshmi	AXQPR9006 A	B.Tech,M.E,(Ph. D)	16-6- 2014	Assistant Professor	-	Y
13	Ms.D. Roopa	ANGPD6390 R	M.E,(Ph.D)	2-1-2016	Assistant Professor	-	Y
14	Ms.G. Vinithra	AOCPV2996 Q	M.E	29/06/11	Assistant Professor	-	Y
15	Ms.S. Mathupriya	AYAPM1697 B	M.E,(Ph.D)	5-8-2013	Assistant Professor	-	Y
16	Mr.G. Ilamurugan	ACZPI5960J	M.E	18-07- 2013	Assistant Professor	-	Y
17	Ms.M. Bharathi	AZDPB1847J	M.E	16/06/14	Assistant Professor	-	Y
18	Ms.S. Ananthi	BNS PA45 74M	B.E,M.E	16/6/201 4	Assistant Professor	-	Y
19	Mr.P. Rayavel	BABPP9893A	B.E,M.E,(Ph.D)	16/6/201 4	Assistant Professor	-	Y
20	Ms.M. Subashini	ECIPS6155L	B.Tech/ M.E,(Ph.D)	5-10- 2017	Assistant Professor	-	Y

21	Ms.C. Vanaja	ALEPV1470C	M.E	15/06/17	Assistant Professor	-	Y
22	Mr. Ashok Paranjothi	BNYPA2574F	M.E,(Ph.D)	1.7.2016	Assistant Professor	-	Y
23	Ms B.Suganya	DVYPS7363L	M.Tech	20/01/16	Assistant Professor	-	Y
24	Mr.Navaneetha Krishnan	ATTPN2123K	M.E	2-11-2020	Assistant Professor	-	Y
25	Ms.C.Valarmathi	AXNPV2016K	M.tech	15/10/2020	Assistant Professor	-	Y
26	Mr.Venkateshwaran	AQKPV1976A	M.E	17/12/2020	Assistant Professor	-	Y
27	Ms.S.Abbrar	AWAPA9314P	M.E	21/1/2021	Assistant Professor	-	Y
28	Ms.C.Lekha	AOMPL5306A	M.E	15-10-2020	Assistant Professor	-	Y
29	Ms.H. Kavietha	FPNPK2335K	B.Tech., M.E.	2-11-2020	Assistant Professor	-	Y
30	Mr.Parthiban M	BCAPP8868A	M.E.,(Ph.D)	3-11-2020	Assistant Professor	-	Y
31	Ms. J.Gladys Aani Sujitha	BFKPG5155E	M.E.,	4-1-2021	Assistant Professor	-	Y
32	Ms.K.Vijayalakshmi	AQGPV6731K	M.E.	4-1-2021	Assistant Professor	-	Y
33	Mr.D.Naveen Raju	AWKPN9241J	M.Tech,(Ph.D)	4-1-2021	Assistant Professor	-	Y
34	Mr.Murugesan S	BPHPM6404H	B.E.,M.E.,(Ph.D)	15-10-2020	Assistant Professor	-	Y
35	Mr.J.Thirunavukkarasu	ARGPT4814N	B.Tech, M.E	2-11-2020	Assistant Professor	-	Y
36	Ms.Aswini V	BFCPA6325Q	M.E	1-2-2021	Assistant Professor	-	Y
37	Ms.Nirmala Deve	BLLPD0714P	M.E	1-3-2021	Assistant Professor	-	Y

TOTAL : 37

• Permanent Faculty: Student Ratio

S=Number of Students in the Department = UG1 + UG2
 +UG3 + PG1 + PG2
 F = Total Number of Faculty Members in the Department (excluding
 first year faculty)

Student Faculty Ratio (SFR)

= S / F

Year	CAY (2021-2022)	CAY (2020- 2021)	CAYm1 (2019-2020)
u1	155	153	112
u2	153	111	114
u3	111	114	92
S	419	378	318

Total No. of Students in the Departme nt (S)	S3=419	S2=378	S1=318
No. of Faculty in the Departme nt (F)	F3 = 32	F2 = 28	F1= 20
Student Faculty Ratio (SFR)	SFR1=S3/F3 =13.53	SFR1=S2/F 2 =13.5	SFR2= S1/F1=15.9
Average SFR	SFR=(SFR1+SFR2+SFR3)/3 = 14.31		

• Number of Faculty employed and left during the last three years

No Of Faculty Employed: 15
 No Of Faculty left during last three
 Years: 5

Name : S.ANANTHI

Designation : ASSISTANT PROFESSOR III



DOB :20.05.1986

Unique ID (College ID) :IT14CS02

Email : ananthi.cse@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc. / B.A./BBA/B.Ed.	Date of Completi on	University	% of Marks	Class
	B.E	2007	ANNA UNIVERSIT Y	80%	FIRST CLASS
PG	B.E/B.Tech/B.Sc. / B.A./BBA/B.Ed.	Date of Completi on	University	% of Marks	Class
	M.E	2014	ANNA UNIVERSIT Y	87.8%	FIRST CLASS WITH DISTINCTIO N
Ph.D	Date of Completi on	Field of Specializati on	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility	JUNE 2020		
<input type="text"/>	<input type="text" value="WAITING FOR RESULT"/>				

Area of Specialization : COMPUTER SCIENCE AND
ENGINEERING

Research Interest : Data mining, Machine learning

Experience in years : No. of 1 Teaching 2.4

Courses Taught in UG / PG Level :12
No. of Workshop/Conference1
51s/ FDP attended / FDP Organized
1.COMPIILER DESIGN
2. D-ATA STRUCTURES
3. DAA

Workshop

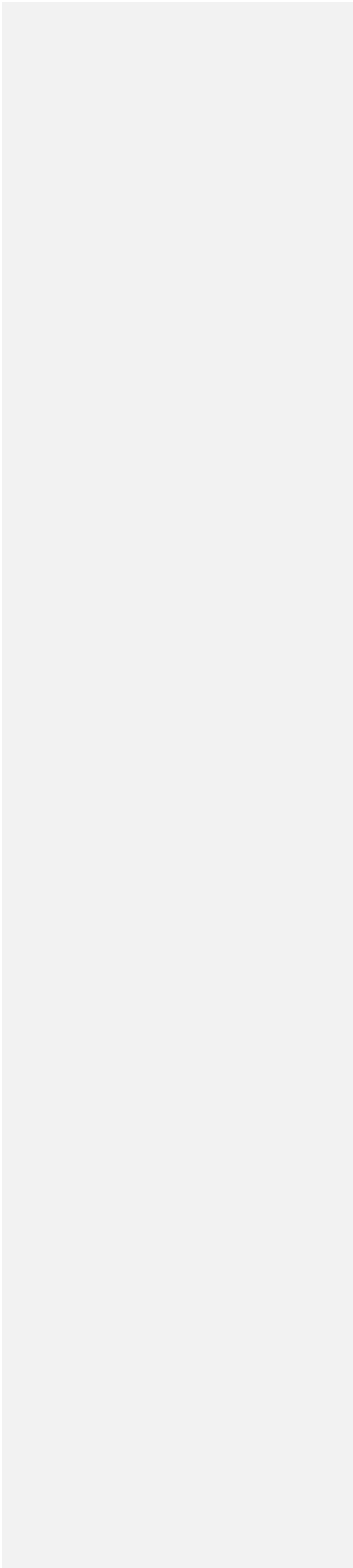
Research
Others

Industry

Workshop

3

Conference
s FDP



Conferences
FDP

0

	Name of the Book	ISBN No:	Year of Publication
Professional Membership	IEEE,ISTE,CSI		
Publications	No. of papers published in National Journals / Conferences : 2		
	No. of papers published in International Journals / Conferences: 6		
	No. of Books published :		
Research Guidance	No.Of UG Students Guided:10 No.Of PG Students Guided: No.Of Ph.Ds Guided:		
Research Funded Projects			
Patents	Filed: Granted :		
Technology Transfer	Gave training for other department faculty in SEC and SSIT in python programming.		
Achievements	<ul style="list-style-type: none"> • I have secured 27th university rank in M.E degree • Received SILVER MEDAL in B.E • Received Cash award for 100% result for 5 consecutive times. 		
Any Other Information	<ul style="list-style-type: none"> • Completed the NPTEL course on Internet of Things and secured gold + Elite with 98% conducted on Jan- Apr 2019. • Completed the NPTEL course on Design and analysis of algorithms-AUG-SEP 2018. 		

Name : **ASHOK. P**

Designation : **Assistant Professor-III**

DOB : 26.06.1991

Unique ID (College ID) : IT16CS03

Email : ashokparanjothi.cse@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc. / B.A./BBA/B.Ed.	Date of Completi on	University	% of Marks	Class
	B.Tech	April 2012	Anna University	74	1
PG	ME/MTech/MBA	Date of Completion	University	% of Marks	Class
	M.E	March 2014	Anna University	80	1
Ph.D	Date of Completi on	Field of Specializati o n	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Network Security, Mobile

Computing, Machine Learning

Research Interest : Machine Learning

Experience in years : Workshop/Conferences/
FDP attended Teaching
:
Workshop

Courses Taught in UG /
PG Level :

No. of
Workshop/Conferences/
FDP Organized
:

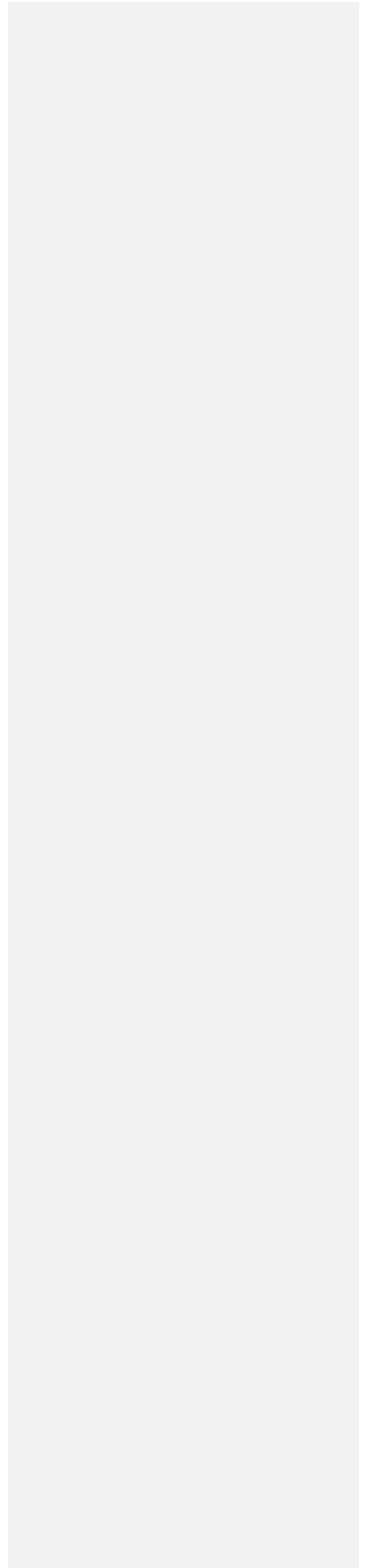
No. of
Workshop

Research
Others

Industry

Conference
s FDP

Conferences
FDP



Professional Membership												
Publications	No. of papers published in National Journals / Conferences :											
	No. of papers published in International Journals / Conferences:											
	<table border="1"> <thead> <tr> <th colspan="3">No. of Books published :</th> </tr> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	No. of Books published :			Name of the Book	ISBN No:	Year of Publication					
No. of Books published :												
Name of the Book	ISBN No:	Year of Publication										
Research Guidance	No.Of UG Students Guided: No.Of PG Students Guided: No.Of Ph.Ds Guided:											
Research Funded Projects												
Patents	Filed: Granted :											
Technology Transfer												
Achievements												
Any Other Information												

Name : ASWINI V
 Designation : ASSISTANT PROFESSOR
 DOB : 21.5.1991
 Unique ID (College ID) : IT21CS05
 Email : aswini.cse@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc. / B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	2012	Anna University	70	I
PG	M.E/M.Tech/MB A	Date of Completion	University	% of Marks	Class
	M.Tech	2014	SRM University	7.42	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
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Area of Specialization : Computer science and

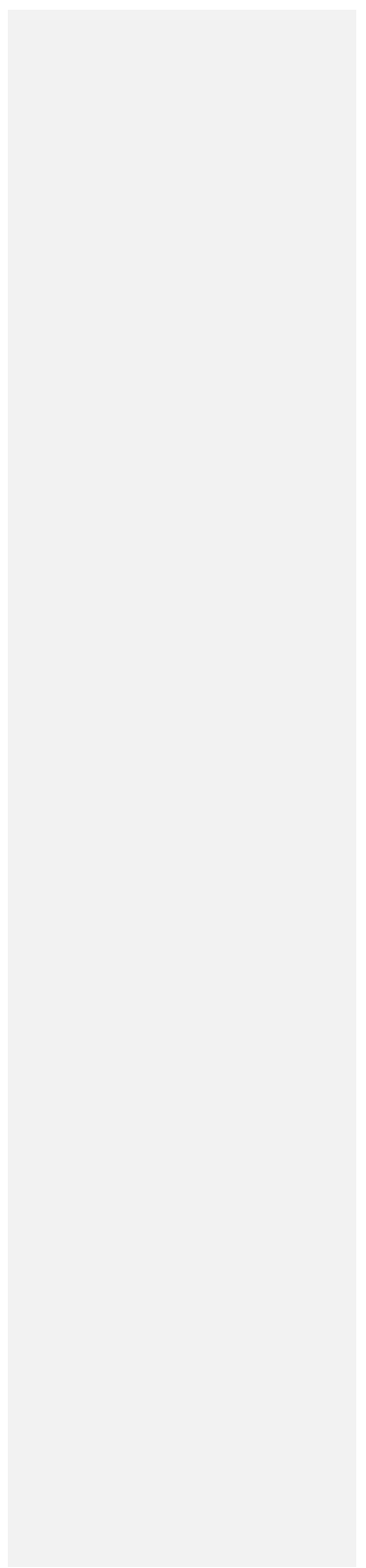
Engineering Research Interest: Machine Learning, Blockchain

Experience in years F: DP attended Workshop Research Industry

Courses Taught in UG / PG Level : No. of Workshop/Conferences/ FDP OrganTeaching Workshop

No. of Workshop/Conferences /
 1. DS
 2. DAA
 3.Network
 s
 Conferences FDP

Conferences
FDP



Professional Membership	CSI, IEEE		
Publications	No. of papers published in National Journals / Conferences : 1		
	No. of papers published in International Journals / Conferences: 1		
	No. of Books published:		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: 4 No.Of PG Students Guided: No.Of Ph.Ds Guided:		
Research Funded Projects			
Patents	Filed: 1 Granted: 0		
Technology Transfer	Published Journal		
Achievements			
Any Other Information			



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Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



Name : **Ms.C.LEKHA**

Designation : **ASSISTANT PROFESSOR**

DOB :20/07/1994

Unique ID (College ID) :IT20CS02

Email : lekha.cse@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc. / B.A./BBA/B.Ed.	Date of Completi on	University	% of Marks	Class
	B.E	JUNE 2015	Anna University	72%	Ist class
PG	B.E/B.Tech/B.Sc. / B.A./BBA/B.Ed.	Date of Completi on	University	% of Marks	Class
	M.E	MAY 2017	Anna University	80%	Ist class
Ph.D	Date of Completi on	Field of Specializati on	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility	-	-	-
<input type="text" value="-"/>	<input type="text" value="-"/>				

Area of Specialization : IoT / Image Processing

Research Interest : Image Processing

Experience in years:

Teaching: Industry: Research: Others:

No. of Workshop/Conferences/FDP Attended:

FDP: Workshop: Conference:

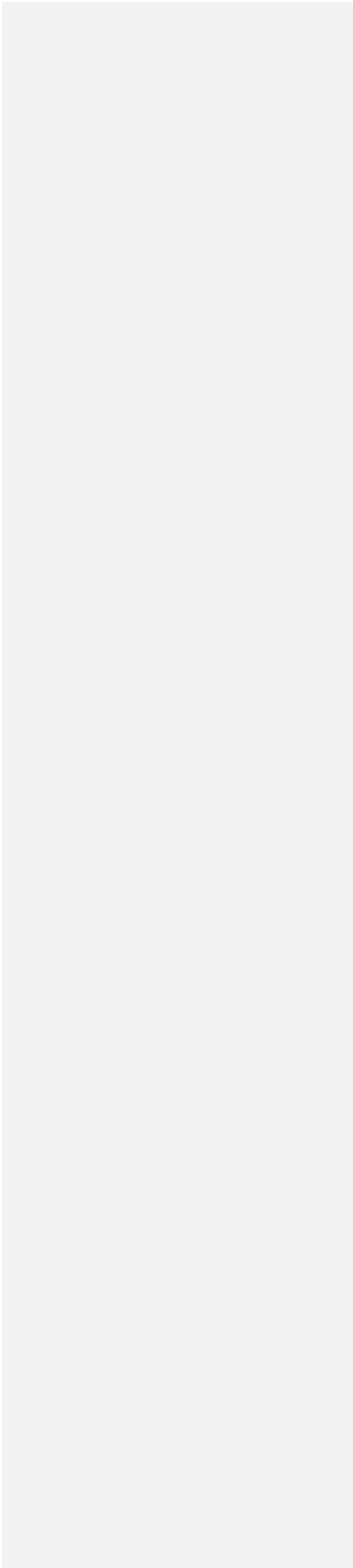
No. of Workshop/Conferences/FDP Organised:

FDP: Workshop: Conference:

Courses Taught in UG/PG : Object Oriented programming using C++/Operating system/DAA

Professional Membership	CSI,IEEE										
Publications	No. of papers published in National Journals / Conferences :3										
	No. of papers published in International Journals / Conferences:5										
	<table border="1"> <thead> <tr> <th colspan="3">No. of Books published :</th> </tr> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			No. of Books published :			Name of the Book	ISBN No:	Year of Publication		
No. of Books published :											
Name of the Book	ISBN No:	Year of Publication									
Research Guidance	No.Of UG Students Guided:NA No.Of PG Students Guided:NA No.Of Ph.Ds Guided:NA										
Research Funded Projects	NA										
Patents	Filed:01 Granted:01										
Technology Transfer	NIL										

Achievements	NIL
Any Other Information	Achieved 100% results in the subjects handled





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Name : Ms. RoopaD
Designation : Assistant Professor - II
DOB : 15/11/1982
Unique ID (College ID) : IT16CS01
Email : roopa.cse@sairamit.edu.in



Qualification : M.E(Ph.D)

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	April 2004	Madras University	78	I
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	June 2006	Anna University	73	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Augmented Reality, Image Processing, Artificial Intelligence

Research Interest : Augmented Reality

Experience in years : Teaching Research Industry Others

Courses Taught in UG/PG Level: 1. Artificial Intelligence
2. Theory of Computation
3. DBMS
4. Operating Systems
5. Computer Networks
6. Cryptography and N/w
7. OOPs
8. DAA

No. of Workshop/Conferences/
FDP attended : Workshop

No. of Workshop/Conferences/
FDP Organized : Workshop

Conferences

FDP

7

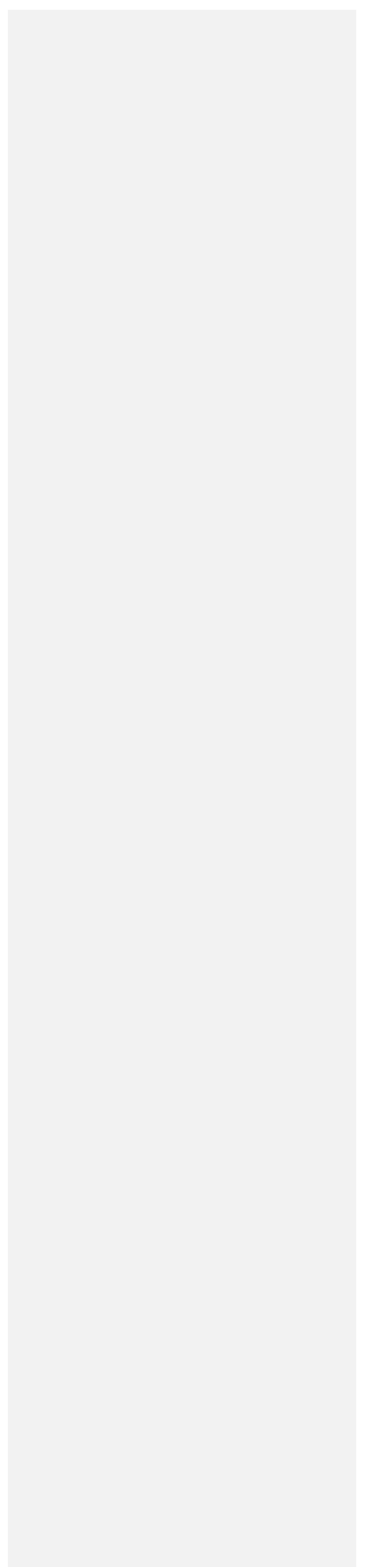
25

Conferences

FDP

1

2



Professional Membership	<ol style="list-style-type: none"> 1. CSI 2. ISTE 3. IEEE 4. IAENG 5. IRED 6. IACSIT 					
Publications	No. of papers published in National Journals / Conferences : 4					
	No. of papers published in International Journals / Conferences: 9					
	No. of Books published : <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Name of the Book</th> <th style="width: 33%;">ISBN No:</th> <th style="width: 33%;">Year of Publication</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-
Name of the Book	ISBN No:	Year of Publication				
-	-	-				
Research Guidance	No.Of UG Students Guided: 40 No.OfPGStudentsGuided:- No.Of Ph.Ds Guided:-					
Research Funded Projects	1. IEDC Management funded project for “Navigation system for Visually Challenged”					
Patents	Filed: 1. Patent published on “IoT based Smart Device for Pollution Control and Traffic Management System” Granted:					
Technology Transfer						
Achievements	<ol style="list-style-type: none"> 1. Received Best educator award from Madras Library Association for the year 2020-2021. 2. Received Certificate of appreciation for selfless service in education from Lions club of Madras city in 2019- 2020. 3. Received certificate of appreciation for being one of the top mentors of change to the students of Atal Tinkering Labs during the period of 2020-2021 					
Any Other Information						



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Name : **Ms.D.Rajalakshmi**

Designation : **ASSISTANT PROFESSOR**

DOB : 28.05.1984

Unique ID (College ID) : IT14CS03

Email : rajalakshmi.cse@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc. / B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Tech	2005	Anna University	74.4	I
PG	M.E/M.Tech/MB A	Date of Completion	University	% of Marks	Class
	M.E	2010	Anna University	8.056	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
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Area of Specialization : Computer science and

Engineering Research Interest: Mobile Adhoc Networks

Experience in years : Workshop/Conferences/ FDP Organized Teaching : 14.6 Workshop

Courses Taught in UG / PG Level :

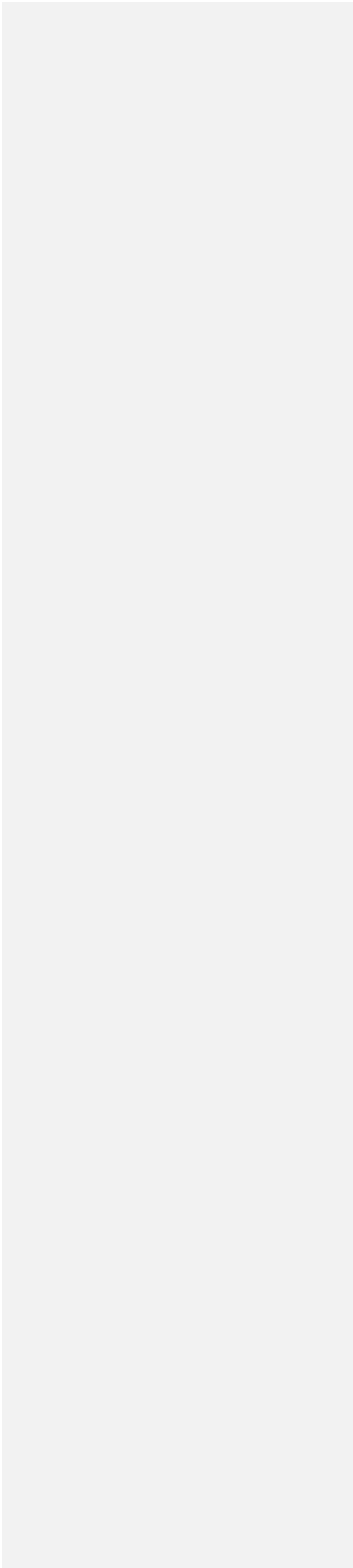
1. IP
2. DBMS
3. Networks
4. Computer Architecture
5. Grid & Cloud Computing

No. of Workshop/Conferences/

FDP attended :

No. of

Workshop



Research
Others

Industry

Conference
s FDP

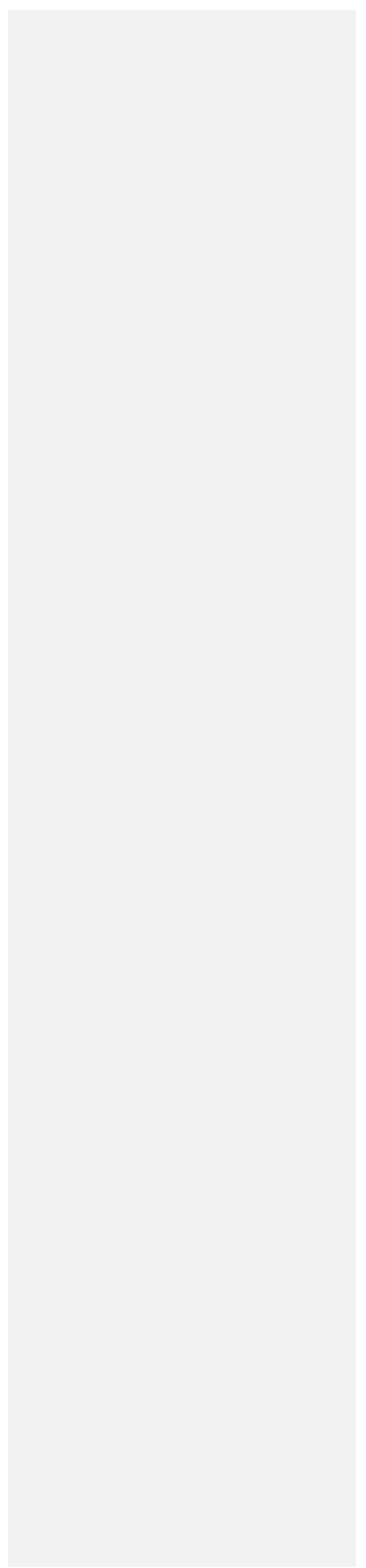
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2

Conferences
FDP

2

1



Professional Membership	CSI,IEEE,ISTEIAENG,IRED		
Publications	No. of papers published in National Journals / Conferences :2		
	No. of papers published in International Journals / Conferences:14		
	No. of Books published:1		
	Name of the Book	ISBN No:	Year of Publication
	Grid & Cloud	9789380430508	2017
Research Guidance	No.Of UG Students Guided: 60 No.Of PG Students Guided:1 No.Of Ph.Ds Guided:-		
Research Funded Projects			
Patents	Filed:0 Granted:0		
Technology Transfer	Published Journals and Book Chapters		
Achievements	<ul style="list-style-type: none"> • Certified trainer for CCNA Course • Received Best women faculty Award by DKIR Foundation 		
Any Other Information	Primary Evaluator for AICTE Toycathon		



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Name : **Dr.B.SREEDEVI**

Designation : **PROFESSOR & HOD**

DOB : 26.9.1978

Unique ID (College ID) : IT10CS01

Email : hodcse@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	1999	University of Madras	75	I
PG	M.E/M.Tech/MBA	Date of Completion	University	% of Marks	Class
	M.Tech	2007	SRM University	8.9	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	2017	ICE	Anna University		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Computer science and

Engineering Research Interest : Machine Learning

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level:

1. IP
2. DBMS
3. Network
s

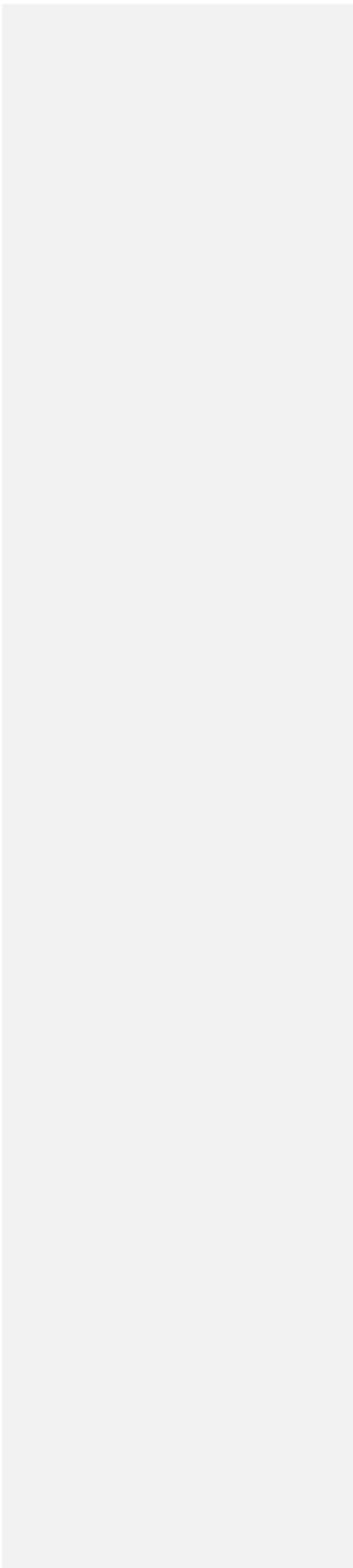
No. of Workshop/Conferences/

FDP Attended : Workshop Conferences FDP

No. of Workshop/Conferences/ FDP : Workshop Conferences FDP

Organized

:



Professional Membership	CSI,IEEE,IEI,ISTE,SIERP,IAENG,IRED		
Publications	No. of papers published in National Journals / Conferences :4		
	No. of papers published in International Journals / Conferences:12		
	No. of Books published :3		
	Name of the Book	ISBN No:	Year of Publication
Internet Programming	9789386636157	2017	
Research Guidance	No.Of UG Students Guided: 100 No.Of PG Students Guided:2 No.Of Ph.Ds Guided:1		
Research Funded Projects	IEDC,AICTE[Rs.500000/-]		
Patents	Filed:3 Granted: 0		
Technology Transfer	Published Journals and Book Chapters		
Achievements	<ul style="list-style-type: none"> • Longest Continuous Student Branch Counsellor with CSI • Academic Excellence Award • "Uttama Acharya Puraskar " Award by Lions Club Vijayawada • Certified as EMC Academic Associate in Data Science and Big Data Analytics by DELL EMC2 • Best faculty advisor Award by Institution of Engineers (India) 		
Any Other Information	ATL tinkerprenuer Mentor Anna University Syllabus Committee Member		



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Name : **Dr K CSURESH**

Designation : **Associate Professor**

DOB :20/06/1984

Unique ID (College ID) :IT16CS02

Email : sureshkc.cse@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc./B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E (CSE)	MAY 2006	Anna University	72	FIRST
	CSE				
PG	B.E/B.Tech/B.Sc./B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E (CSE)	JUNE 2008	Anna University	72	FIRST
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	ICE	AUG 2015	Anna University		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Computer Science and

Engineering Research Interest : AdHocNetworks,MachineLearning

Experience in years : Teaching Research Industry Others

Courses Taught in UG/PG Level:

1. Networks
2. Security
3. Data Analytics

No. of Workshop/Conferences/FDP attended : Workshop

No. of Workshop/Conferences/FDP Organized : Workshop

Conferences

FDP

6

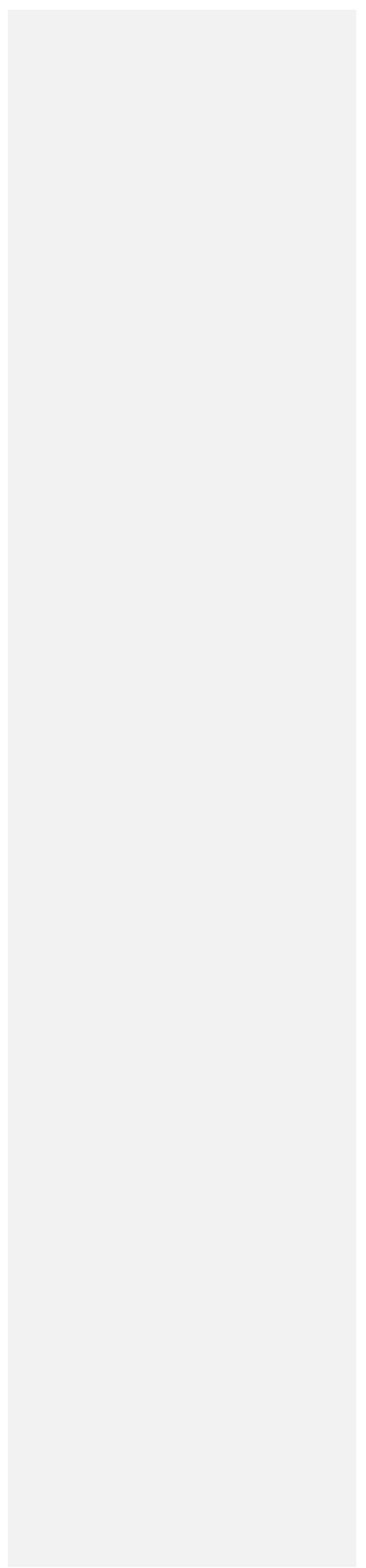
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Conferences

FDP

2

2



Professional Membership	IEEE, CSI		
Publications	No. of papers published in National Journals / Conferences :6		
	No. of papers published in International Journals / Conferences:12		
	No. of Books published :0		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: 24 No.Of PG Students Guided: 7 No.Of Ph.Ds Guided: 0		
Research Funded Projects			
Patents	Filed: 1 Granted: 0		
Technology Transfer			
Achievements	Produce 100% Results in Data Analytics, Cryptography and Network Security and Human Computer Interaction		
Any Other Information	Published 12 Papers in reputed Journals		



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Name : **K.VIJAYALAKSHMI**

Designation : **ASSISTANT PROFESSOR**

DOB : 22-11-1981



Unique ID (College ID) : IT21CS02

Email : vijayalakshmi.cse@sairamit.edu.in

Qualification M.E

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Tech	2005	Anna University	75%	I class
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E		Anna University	79%	I class
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks <input type="text"/>	NET Marks <input type="text"/>	Date of Eligibility			

Area of Specialization : Networks, Cloud Computing, Data Mining

Research Interest :

Experience in years : FD P No. of Workshop/Conferences/ FDP Organ

Courses Taught in UG / PG Level :
attended

No. of Workshop/Conferences/ :

Teaching

Work
shop

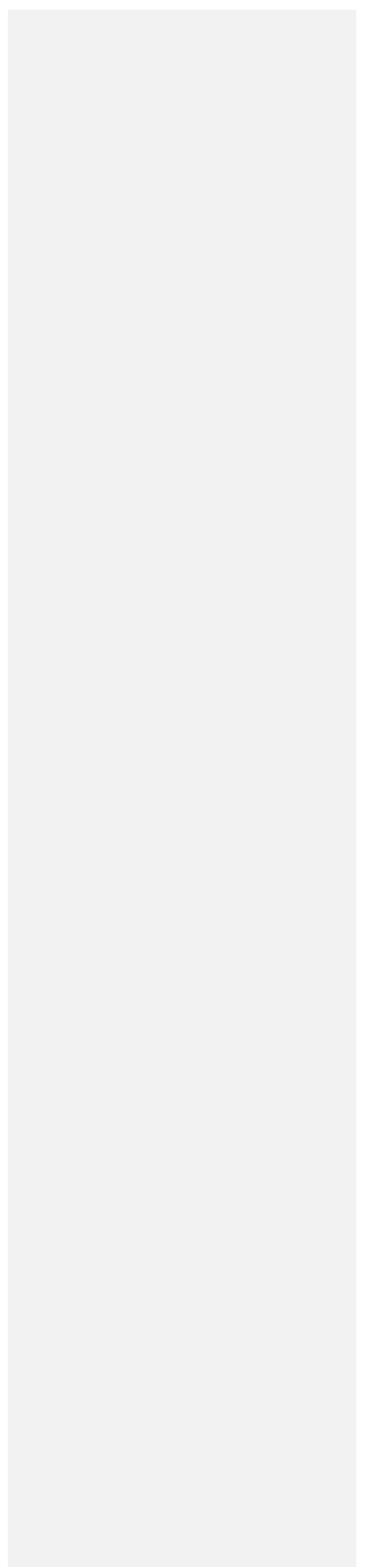
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1.Object Oriented
Programming Lang,Software Workshop
Engg,Object oriented
Analysis and Design,Java
Programming,Operating
System,Green Computing, C
Programming
2.Comp
uter
Architec
ture,
3.Cloud
Computi
ng



Research
Others

Industry

Conferences

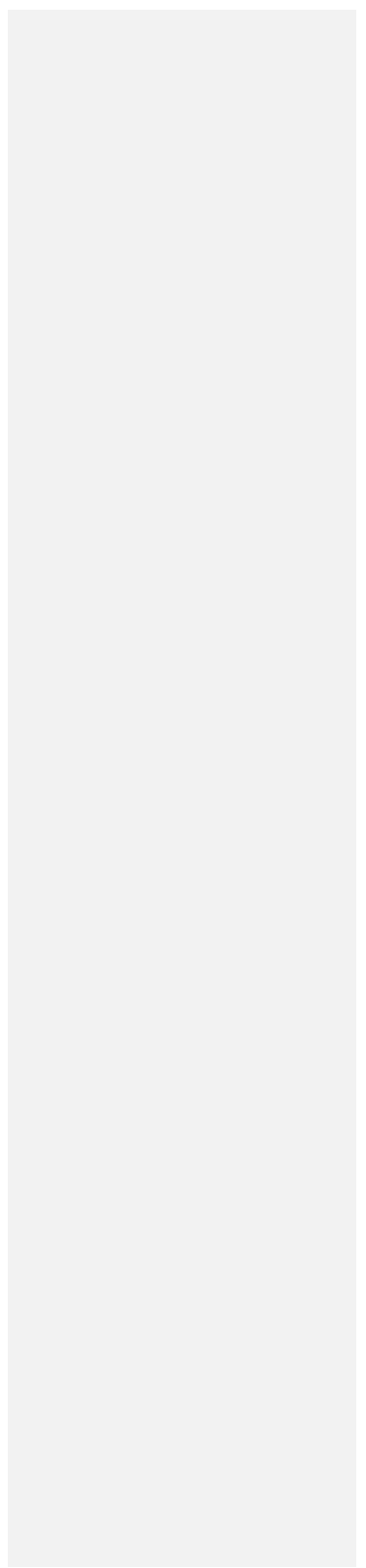
FDP

2

5

Conferences

FDP



Professional Membership	IEEE, CSI		
Publications	No. of papers published in National Journals / Conferences : nil		
	No. of papers published in International Journals / Conferences:		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
Nil			
Research Guidance	No.OfUG Students Guided: Nil No.OfPG Students Guided: Nil No.Of Ph.Ds Guided: Nil		
Research Funded Projects			
Patents	Filed:1 Granted :		
Technology Transfer			
Achievements			
Any Other Information	100% Result on Subject handled		



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Name : **H KAVIETHA**
Designation : **Assistant Professor**
DOB : 18.12.1993
Unique ID (College ID) : IT20CS06
Email : kavietha.cse@sairamit.edu.in

Qualification :

UG	B.E./B.Tech/B.Sc. / B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Tech - IT	30 June 2015	Anna University	73%	First
PG	B.E./B.Tech/B.Sc. / B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E - CSE	30 June 2017	Anna University	71%	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Data mining

Research Interest : Big Data Analytics

Experience in years: Teaching Industry Research Others

Courses Taught in UG / PG Level : Internet Programming, Operating Systems, Object Oriented Programming, Distributed Systems, Software Project Management, Adhoc and Sensor Networks

12	2	-
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No. of Workshop/Conferences/ FDP Attended: FDP Conferences Workshop

No. of Workshop/Conferences/ FDP Organized: FDP Conferences	-	Workshop	-	-
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Professional Membership	IEEE, CSI		
Publications	No. of papers published in National Journals / Conferences :		
	No. of papers published in International Journals / Conferences: 2		
	Name of the Book / No. of Books published	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: 1 No.Of PG Students Guided: NIL No.Of Ph.Ds Guided: NA		
Research Funded Projects	NIL		
Patents	Filed: NIL Granted: NIL		
Technology Transfer	-		
Achievements			
Any Other Information			



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Name : M.SUBASHINI
 Designation : ASSISTANT PROFESSOR
 DOB : 11.07.1990
 Unique ID (College ID) : IT17CS05
 Email : subashini.cse@sairamit.edu.in



Qualification : M.E, (Ph.D)

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Tech - IT	Apr 2011	Anna University	72%	First Class
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E - CSE	June 2013	Anna University	87%	First Class
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Machine Learning, Networking

Research Interest : Machine Learning

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level:

- COMPUTER NETWORKS
- OPERATING SYSTEMS
- DATABASE MANAGEMENT SYS
- DISTRIBUTED SYSTEMS
- CLOUD COMPUTING
- GRID AND CLOUD COMPUTINH
- COA
- PYTHON AND PROGRAMMING

No. of Workshop/Conferences/
FDP attended : No. of Workshop/Conferences/ FDP Organized :

Workshop

Workshop

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FDP 4

15

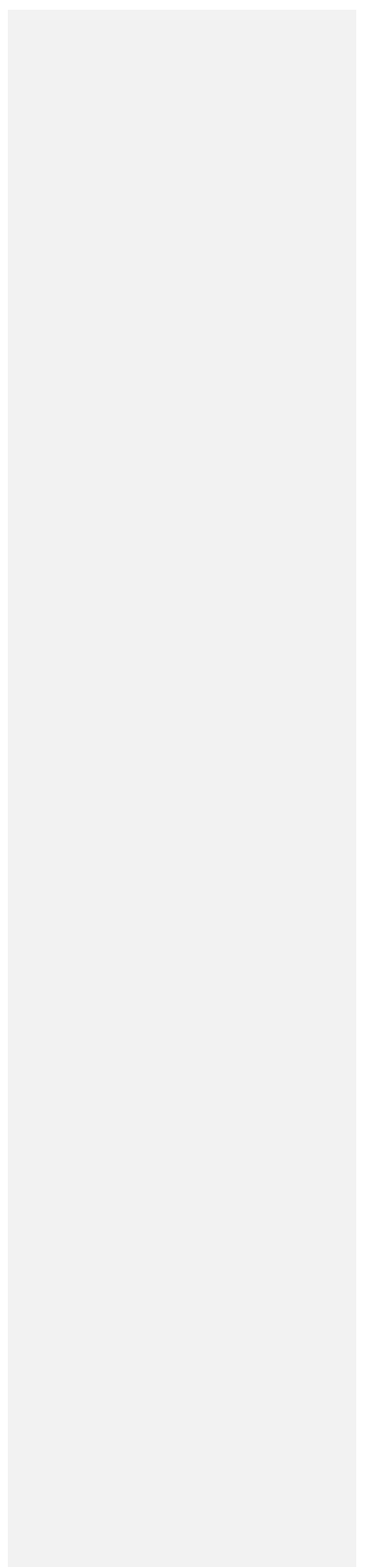
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3

FDP



Professional Membership	CSI,ISTE,IEEE,IAENG		
Publications	No. of papers published in National Journals / Conferences : 03		
	No. of papers published in International Journals / Conferences: 04		
	No. of Books published : Nil		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.OfUGStudentsGuided:40 No.Of PG Students Guided: Nil No.Of Ph.Ds Guided: Nil		
Research Funded Projects			
Patents	Filed: 02 Published Published a Patent titled “ OPTIMIZATION OF NEW PRODUCT DEVELOPMENT CYCLE THROUGH FUZZY LOGIC”. Published a Patent titled “ SOFT FAIRNESS BASED SCHEDULING MECHANISM USING MACHINE LEARNING FOR CLOUD COMPUTING”. Granted: Nil		
Technology Transfer	Acted as a Resource Person for a Webinar on “ CORE DESIGN IN COMPUTER ARCHITECTURE ” in Dhirajlal Gandhi College of Technology.		
Achievements	Received a “ BEST TEACHER AWARD ” from MADRAS LIBRARY ASSOCIATION.		
Any Other Information	<ol style="list-style-type: none"> 1. Strategist in Skill Development club. 2. Organizer in Skillrack. 3. Propagator in WOWWW Cell. 4. Department Library In-Charge. 5. IEI Department Co-ordinator 		



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Name : Navaneethakrishnan.P
Designation : Assistant Professor - III
DOB : 03.02.1990
Unique ID (College ID) : IT20IT05
Email : navaneethakrishnan.it@sairamit.edu.in
Qualification : M.E (CSE)



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	April 2011	Anna University	67%	First
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E (CSE)	May 2013	Anna University	7.99 CGPA	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	-	-	-		
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : **Data Mining, Artificial Intelligence**

Research Interest : **Artificial Intelligence, Machine Learning**

Experience in years: Teaching: **7.2 Years** Industry: - 0 Research - 0 Others: 0

	<ul style="list-style-type: none"> • Database Management Systems • Computer Networks • Problem Solving and Python Programming • Programming in C • Java Programming • Artificial Intelligence
--	---

No. of Workshop/Conferences/ FDP Attended: **FDP : 20 Workshop : 10 Conferences : 9**

No. of Workshop/Conferences/ FDP Organized: **FDP : 0 Workshop : 02 Conferences : 02**

Professional Membership	IEEE										
Publications	No. of papers published in National Journals / Conferences : 05										
	No. of papers published in International Journals / Conferences: 04										
	<table border="1"> <thead> <tr> <th colspan="3">No. of Books published :-</th> </tr> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>			No. of Books published :-			Name of the Book	ISBN No:	Year of Publication	-	-
No. of Books published :-											
Name of the Book	ISBN No:	Year of Publication									
-	-	-									
Research Guidance	No. of UG Students Guided: 10 No. of PG Students Guided: 0 No. of Ph.Ds Guided: NA										
Research Funded Projects	-										
Patents	Filed: 03 Published : 01 Granted: 0										
Technology Transfer	<ol style="list-style-type: none"> Hackathon Orientation Programme to Affiliated Institutions Orientation Programme on Innovation - IIC Mentee Institutions 										
Achievements	<ol style="list-style-type: none"> Participated and Mentored 2 SIH Won a Hackathon conducted by SASTRA University Got cash Prizes for Mini Project Competition 										
Any Other Information	<ol style="list-style-type: none"> Institute Internal Assessment Exams Coordinator 										



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Name : **NAVEEN RAJU D**
Designation : **Assistant Professor-III**
DOB : 04.01.2021
Unique ID (College ID) : IT21CS01
Email : naveen.cse@sairamit.edu.in

Qualification :

UG	B.E./B.Tech/B.Sc. / B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Tech	April 2010	K.S.R College of Engineering	70	1
PG	ME/MTech/MBA	Date of Completion	University	% of Marks	Class
	M.E	May 2012	B.S ABDUR RAHMAN UNIVERSITY	7.27	1
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
		Medical Image processing	Anna University		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Medical Image processing

, Network Security, Mobile Computing, Machine Learning

Research Interest : Machine Learning , Medical Image Processing

Experience in years:7

PG: years

Industry Others Research

Courses Taught in UG

Computer Networks
Data Structures
Green Computing
Operating Systems
Data mining and Data
warehousing
Object Oriented
Programming
Object oriented analysis
design

No. of
Workshop/Conferences/
FDP attended:20

:
Workshop:12

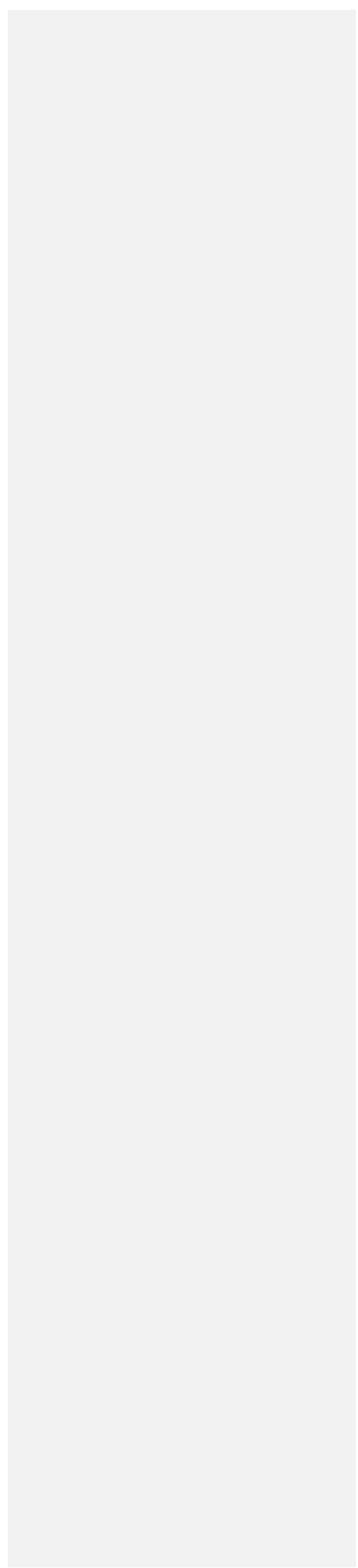
Conferences
2 FDP :20

No. of
Workshop/Conferences/
FDP Organized

:

Workshop:2

Conferences :2
FDP:2



Professional Membership	IEEE					
Publications	No. of papers published in National Journals / Conferences :5					
	No. of papers published in International Journals / Conferences:11					
	No. of Books published :NIL <table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication		
Name of the Book	ISBN No:	Year of Publication				
Research Guidance	No.Of UG Students Guided:12 No.Of PG Students Guided:5 No.Of Ph.Ds Guided:					
Research Funded Projects						
Patents	Filed: Granted: Published:3 1. AN AUTOMATED BIOMETRIC BASED VOTING SYSTEM USING FINGERPRINT MATCHING 2. Image processing & Machine Learning Based Detection of Malignant Skin Cancer Using Support Vector Machine (SVM) Classifier 3. ARTIFICIAL INTELLIGENCE BASED PREDICTION OF PANDEMIC SITUATION AND ALERTNESS USING SOCIAL MEDIA DATA					
Technology Transfer	Acted as a Resource Person for Guest lecture on " SECURITY TOOLS AND ITS APPLICATIONS " in Saveetha Engineering college.					
Achievements	"BEST ALUMINI COORDINATOR 2015" awarded by By chairman					
Any Other Information	M-APPS Coordinator SALESFORCE-Developer					



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Name : **P NIRMALA DEVE**

Designation : **ASSISTANT PROFESSOR**

DOB : 20/04/1992

Unique ID (College ID) : IT21CS06

Email : nirmala.cse@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc. / B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E-CSE	15/04/2013	ANNA UNIVERSITY	72%	1
PG	B.E/B.Tech/B.Sc. / B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E-CSE	15/05/2015	ANNA UNIVERSITY	75%	1
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
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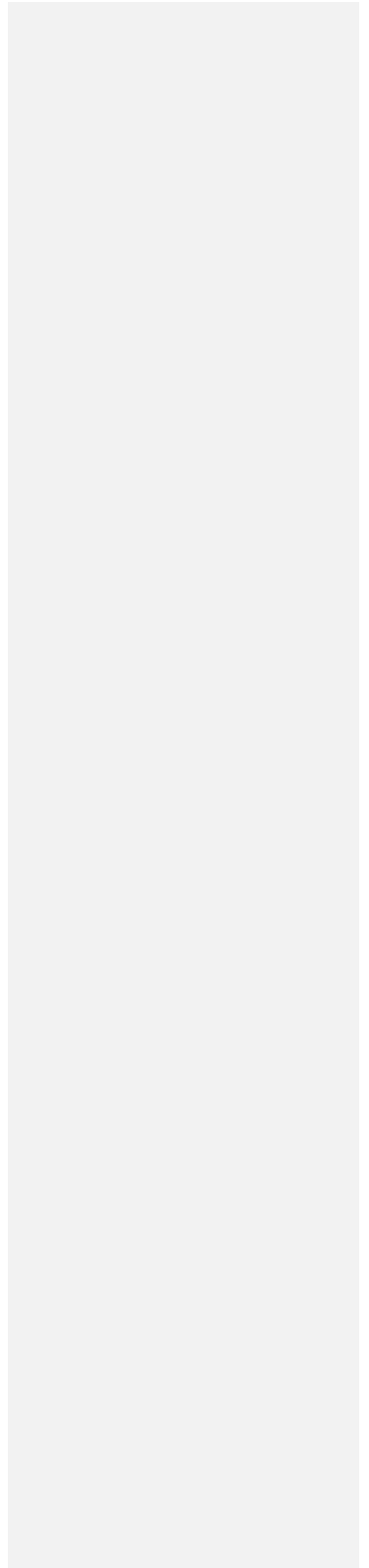
Area of Specialization : Machine Learning

Research Interest : Machine learning, Deep Learning

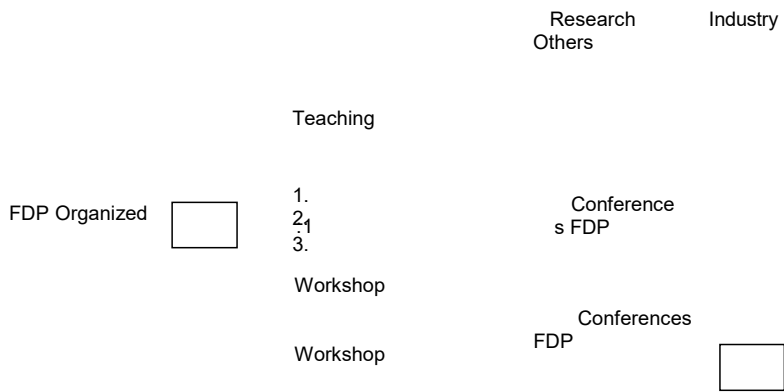
Experience in years :

Courses Taught in UG /

1. Operating systems,



- 2.computer Architecture,
- 3.Object Oriented analysis and design ,
- 4.Python Programming,
- 5.C programming,
- 6.Object Oriented
- 7.Programming,
- 8.Distributed systems
- 9.Human computer Interaction
- 10.



PG Level :

No. of Workshop/Conferences/FDP attended :

No. of Workshop/Conferences/

Professional Membership	CSI,IEEE		
Publications	No. of papers published in National Journals / Conferences :3		
	No. of papers published in International Journals / Conferences:6		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided:8 No.Of PG Students Guided:- No.Of Ph.Ds Guided:-		
Research Funded Projects	-		
Patents	Filed: Tracking the Pulmonary Function distortion in smokers and covid 19 post infectious patients using deep learning. Granted:		
Technology Transfer			
Achievements	NIL		
Any Other Information	Achieved 100% result in operating systems,distributed system,object oriented analysis and design		



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Name : **P.ANNADURAI**

Designation : **ASSISTANT PROFESSOR**

DOB : 18/07/1980

Unique ID (College ID) : IT13CS01

Email : annadurai.cse@sairamit.edu.in

Qualification : **M.Tech-Information Technology**



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	JUNE 2004	MADURAI KAMARAJ UNIVERSITY	71.87%	FIRST
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.TECH	JUNE 2010	ANNA UNIVERSITY	7.57 (CGPA)	FIRST
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Cryptography and N/w Security,
Mobile Computing, Networks.

Research Interest : Cyber Security

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level : FDP
Organize d
1. Cryptography N/w Security
2. Networks
3. Mob.computing Workshop

No. of Workshop/Conferences/
FDP attended :
No. of Workshop/Conferences/
Workshop :

Conferences FDP

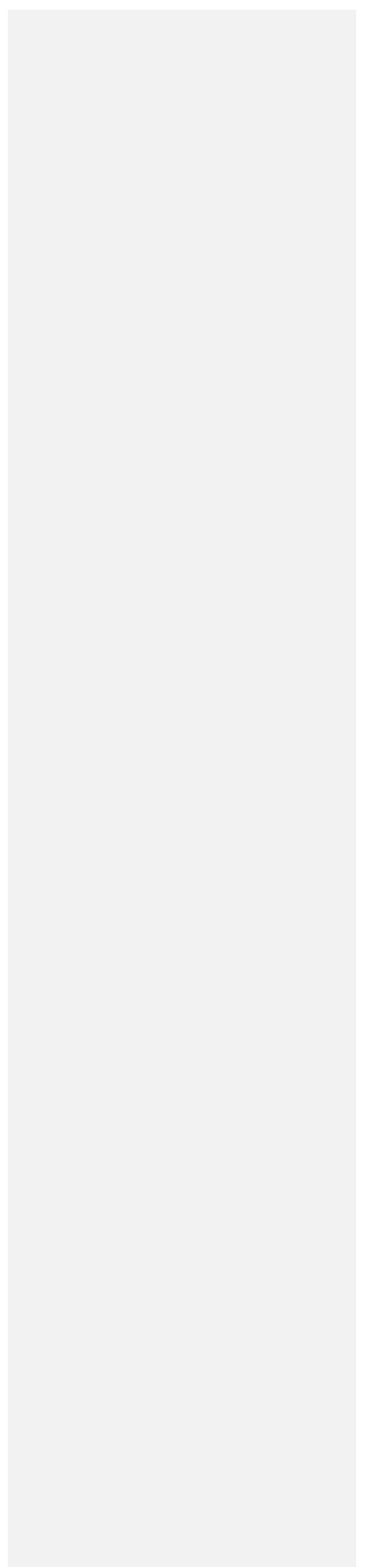
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20

Conferences FDP

1

1



Professional Membership	CSI,ISTE,IEEE		
Publications	No. of papers published in National Journals / Conferences : 03		
	No. of papers published in International Journals / Conferences: 02		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: 20 No.Of PG Students Guided: NIL No.Of Ph.Ds Guided: NIL		
Research Funded Projects	➤ Guided student project 2018-19 funded by TNSCST and got selected best student project titled on “Quality Analysis of Fruits and Vegetables” .		
Patents	Filed: 1 Granted: NIL		
Technology Transfer			
Achievements	<ul style="list-style-type: none"> Completed the Nptel Course on Cloud Computing Primary Evaluator in Toyacathon'21 		
Any Other Information	1. NAAC C9 Coordinator. 2. 3 rd Year Coordinator.		



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Name : PARTHIBAN M
Designation : ASSISTANT PROFESSOR
DOB : 09.06.1988
Unique ID (College ID) : IT20CS07
Email : parthibanmecit@gmail.com



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	May 2010	Anna University	65	I
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	Jun 2013	Anna University	8.42 CGPA	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Pursuing	CSE	SRM Institute of Science and Technology		
SLET Marks	NET Marks	Date of Eligibility			
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Area of Specialization : CSE

Research Interest : Machine Learning

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level : Workshop

1. Compiler Design
2. Machine Learning
3. Data Mining

No. of Workshop/Conferences/
FDP attended :

No. of Workshop/Conferences/
FDP Organized : Workshop

Conferences

FDP

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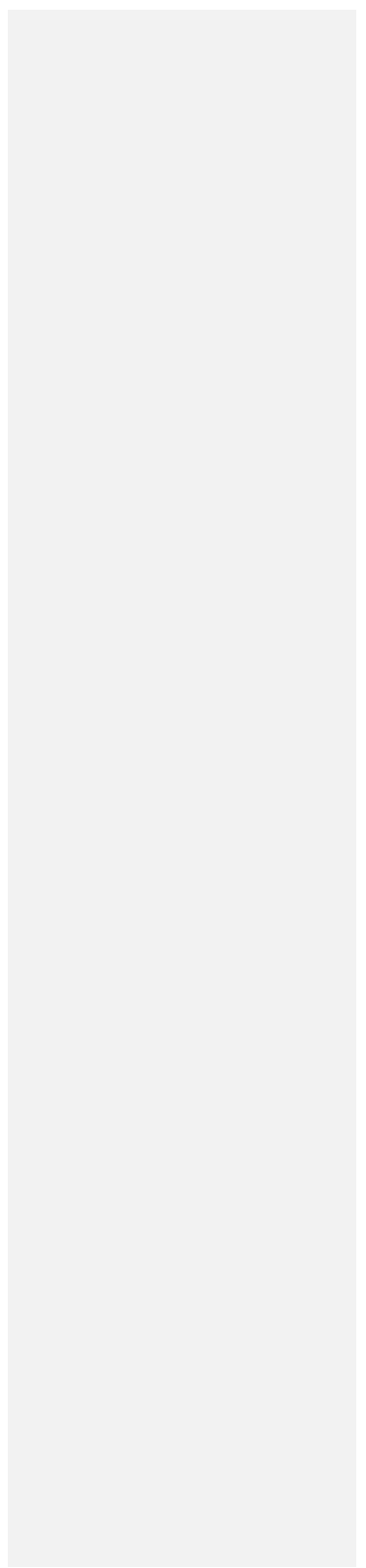
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Conferences

FDP

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1



Professional Membership	IEEE, IET, IAENG		
Publications	No. of papers published in National Journals / Conferences :-		
	No. of papers published in International Journals / Conferences: 5		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: 24 No.Of PG Students Guided:6 No.Of Ph.Ds Guided:		
Research Funded Projects			
Patents	Filed:1 Granted :		
Technology Transfer			
Achievements			
Any Other Information			



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Name : RAYAVELP
Designation : ASSISTANT PROFESSOR
DOB : 15.06.1986
Unique ID (College ID) : IT14CS06
Email : RAYAVEL.CSE@SAIRAMIT.EDU.IN



UG	B.E	MAY 2007	ANNA UNIVERSITY	73	I CLASS
PG	M.E	JUNE 2011	ANNA UNIVERSITY	7.2	I CLASS
Ph.D	Date of Completion	Field of Specialization	UNIVERSITY	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
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Area of Specialization : Image Processing, Artificial Intelligence
Research Interest : Medical Image Processing
Experience in years : Teaching Research Industry Others

- Courses Taught in UG/PG Level:
- Artificial Intelligence
 - Theory of Computation
 - DBMS
 - Operating Systems
 - Computer Networks
 - Cryptography and N/w
 - OOPs
 - DAA

No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/
FDP Organized : Workshop Conferences Hackathon

Professional Membership						
Publications	No. of papers published in National Journals / Conferences :8					
	No. of papers published in International Journals / Conferences:12					
	No. of Books published :Nil					
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication		
Name of the Book	ISBN No:	Year of Publication				
Research Guidance	No.Of UG Students Guided:60 No.Of PG Students Guided:NIL No.Of Ph.Ds Guided:NIL					
Research Funded Projects	IEDC-DST- Rs.1,00,000/-					
Patents	Filed: NIL Granted: NIL					
Technology Transfer	CCNA, AZURE					
Achievements	1. Primary Evaluator for AICTE Toycathon					
Any Other Information						



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Name : Mrs. SMathupriya
 Designation : Assistant Professor
 DOB : 20.05.83
 Unique ID (College ID) : IT17CS04
 Email : madhupriya.cse@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	April 2004	MK University	70	First Class
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	ME	April 2007	Anna University	77	First Class with Distiction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
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Area of Specialization : Computer Science and Engineering

Research Interest : Wireless Sensor Networks, Machine Learning, IOT

Experience in years : Teaching Research Industry Others

No. of Workshop/Conferences/ FDP attended : Workshop Conference FDP

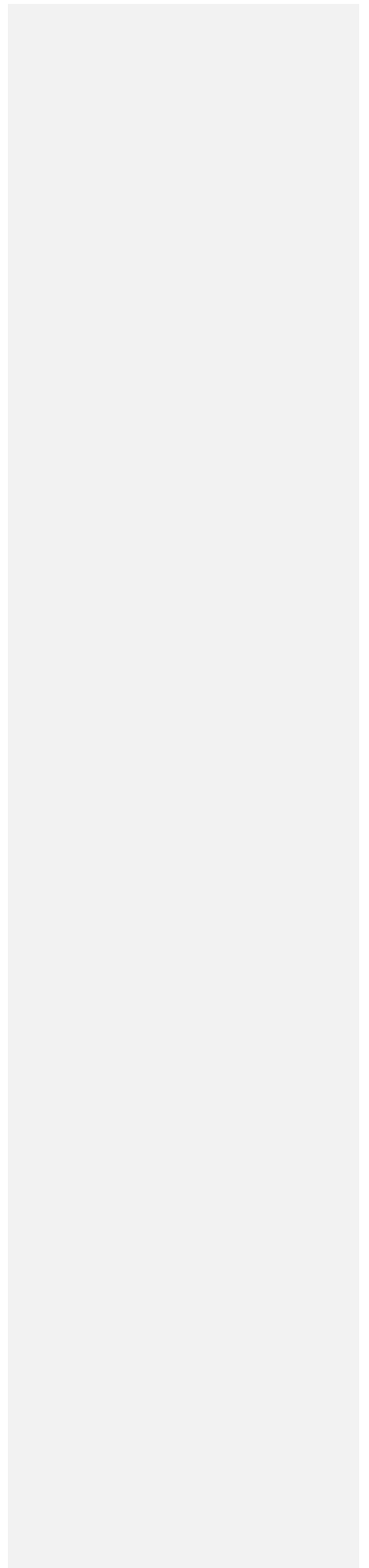
No. of Workshop/Conferences/ FDP Organized : Workshop Conference FDP

Courses Taught in UG / PG Level :

Artificial Intelligence, Theory of Computation, Data Structures, Design and Analysis of Algorithms, Grid & Cloud Computing, Database Management Systems, Computer Programming, Multi-core Architecture, Human Computer Interaction, High Speed Networks, Wireless Communication, Object Oriented Programming, Object Oriented Analysis and Design, Total Quality Management, Environmental Science and Engineering, Software Engineering.

Professional Membership	IEEE, CSI, ISTE, IRED, IAENG		
Publications	No. of papers published in National Journals / Conferences :4		
	No. of papers published in International Journals / Conferences: 8		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: 40 No.OfPGStudentsGuided:- No.Of Ph.Ds Guided:-		
Research Funded Projects	-		
Patents	Filed:1 (Published) Granted:		
Technology Transfer			
Achievements	<ol style="list-style-type: none"> 1. Received "Best Faculty" Award from "Madras Library Association". 2. Deliver a Lecture to a Small scale Industry 		

Any Other Information	
-----------------------	--





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Name : **P.SUGANTHI**

Designation : **Assistant Professor- II**

DOB :02.03.1978

Unique ID (College ID) :IT22CS01

Email : suganthi.cse@sairamit.edu.in

Qualification :					
UG	B.E/B.Tech/B.Sc./B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	30.04.1999	BHARATHIAR UNIVERSITY	74.04%	FIRST CLASS
PG	B.E/B.Tech/B.Sc./B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	31.05.2012	ANNA UNIVERSITY	85.58 CGPA	FIRST CLASS WITH DISTINCTION
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Computer Science And Engineering

Research Interest : Machine Learning

Experience in years : Teaching Research Industry Others

Courses Taught in UG/PG Level:

1. Compiler Design
2. Object Oriented Programming
3. Python Programming

No. of Workshop/Conferences/ FDP attended :

Workshop	<input type="text" value="3"/>	Conferences	<input type="text" value="5"/>	FDP	<input type="text" value="7"/>
No. of Workshop/Conferences/ FDP	Workshop <input type="text" value="3"/>	Conferences <input type="text" value="1"/>	FDP <input type="text" value="0"/>		

Professional Membership	ISTE,CSI, IEEE		
Publications	No. of papers published in National Journals / Conferences :6		
	No. of papers published in International Journals / Conferences:6		
	No. of Books published :1		
	Name of the Book	ISBN No:	Year of Publication
Database Management System	ISBN 978-93-804302-9-4	2018-2019	
Research Guidance	No.Of UG Students Guided:35 No.Of PG Students Guided:0 No.Of Ph.Ds Guided:0		
Research Funded Projects	NIL		
Patents	Filed:0 Granted:0		
Technology Transfer	Nil		
Achievements	100% result achieved for the subjects Compiler Design Database Management System Software Project Management. Python Programming		
Any Other Information	Obtained Anna University Rank in M.E (CSE)		



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Name : **J. THIRUNAVUKKARASU**
Designation : **ASSISTANT PROFESSOR**
DOB : 26/11/1987
Unique ID (College ID) : IT20CS05
Email : thirunavukkarasu.cse@sairamit.edu.in



Qualification : M.E- CCE

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.TECH	JUNE 2009	BHARATH UNIVERSITY	6.93	1ST
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	JULY 2012	ANNA UNIVERSITY	6.85	1ST
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Cloud Computing, Networks, ML

Research Interest : Cloud Computing, ML

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level : FDP
Organize 1. COA
d 2. Networks
3. C Programming Workshop Workshop

No. of Workshop/Conferences/
FDP attended :

No. of Workshop/Conferences/ :

Conferences

FDP



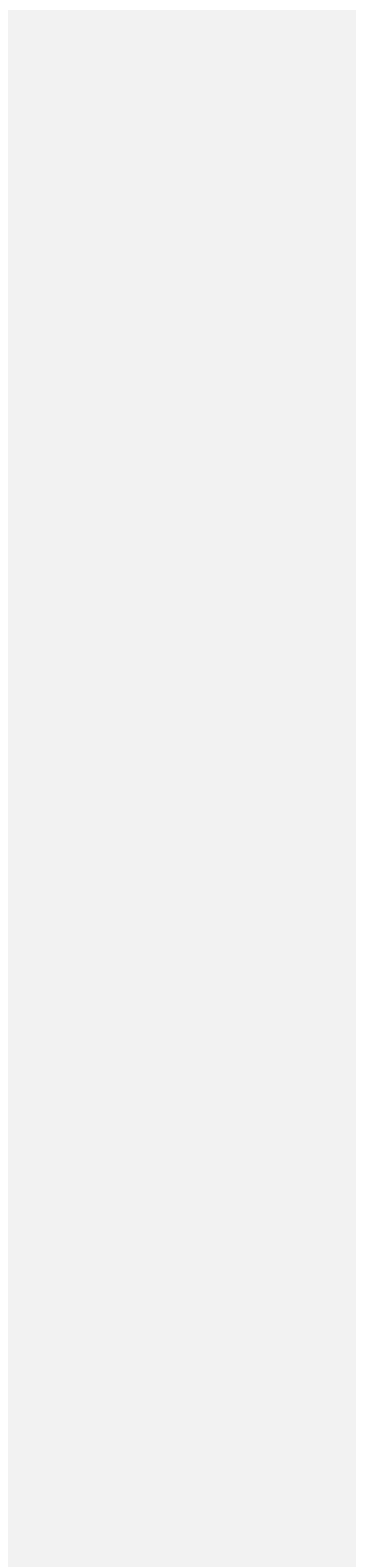
13

Conferences

FDP



2



Professional Membership	CSI,IEEE		
Publications	No. of papers published in National Journals / Conferences :		
	No. of papers published in International Journals / Conferences: 3		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: 20 No.Of PG Students Guided: 2 No.Of Ph.Ds Guided:		
Research Funded Projects			
Patents	Filed: 6 Granted: 1		
Technology Transfer			
Achievements	Completed the Nptel Course on Cloud Computing		
Any Other Information	1. NAAC C3 Coordinator. 2. Department Placement Facilitator. 3. Organized Two FDP in the Academic year 2021-2022.		

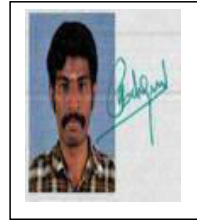


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Name : MR. VENGATESHWARAN M
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Qualification :



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
		B.E.	2015	ANNA UNIVERSITY	77
PG	ME/MTech/MBA	Date of Completion	University	% of Marks	Class
	M.E.	2017	ANNA UNIVERSITY	86	DISTINCTION
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization: COMPUTER SCIENCE AND ENGINEERING

Research Interest:

Experience in years: Teaching Research Industry Others

Courses Taught in UG / PG Level :

1. Operating System
2. Computer Architecture
3. Software Testing

No. of Workshop/Conferences /FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences /FDP Organized : Workshop Conferences FDP



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Name : MRS. RAMYA S
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 Qualification :



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E.	2004	UNIVERSITY OF MADRAS	Y	FIRST CLASS
PG	ME/MTech/MBA	Date of Completion	University	% of Marks	Class
	M.E.	2013	SRI CHANDRA SEKHARE NDRA SARASWATHI VISWA MAHA VIDYALAYA	Y	FIRST CLASS
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization: COMPUTER SCIENCE AND ENGINEERING

Research Interest:

Experience in years: Teaching Research Industry Others

Courses Taught in UG/PG Level :

1. DBMS
2. Computer networks
3. Operating System

No. of Workshop/Conferences /FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences /FDP Organized : Workshop Conferences FDP



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Name : MRS. ABRAAR S
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Qualification :



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E.	2007	ANNA UNIVERSITY	70	FIRST CLASS
PG	ME/MTech/MBA	Date of Completion	University	% of Marks	Class
	M.E.	2009	ANNAMALAI UNIVERSITY	72	FIRST CLASS
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization: COMPUTER SCIENCE AND ENGINEERING

Research Interest:

Experience in years: Teaching Research Industry Others

Courses Taught in UG/PG Level :

1. Distributed System
2. Operating System
3. DBMS

No. of Workshop/Conferences /FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences /FDP Organized : Workshop Conferences FDP



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UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E.	2001	ANNA UNIVERSITY	7.5	FIRST CLASS
PG	ME/MTech/MBA	Date of Completion	University	% of Marks	Class
	M.E.	2004	ANNA UNIVERSITY	8	FIRST CLASS
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization: COMPUTER SCIENCE AND ENGINEERING

Research Interest:

Experience in years: Teaching Research Industry Others

Courses Taught in UG/PG Level :

1. Computer Architecture
2. Operating Science
3. DBMS

No. of Workshop/Conferences /FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences /FDP Organized : Workshop erences FDP



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Name : MR. RAJESH R
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Qualification :



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
		B.E.	2006	ANNA UNIVERSITY	66
PG	ME/MTech/MBA	Date of Completion	University	% of Marks	Class
	M.E.	2013	SATHIYABAMA UNIVERSITY	6.89	FIRST CLASS
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization: Information Technology

Research Interest:

Experience in years: Teaching Research Industry Others

Courses Taught in UG/PG Level :

1. Compiler Design
2. Cloud Computing
3. Internet Programming

No. of Workshop/Conferences /FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences /FDP Organized : Workshop Conferences FDP



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Name : MR. MURUGESAN S
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Qualification :



UG	B.E./B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E.	2007	ANNA UNIVERSITY	67	FIRST CLASS
PG	ME/MTech/MBA	Date of Completion	University	% of Marks	Class
	M.E.	2010	ANNA UNIVERSITY	69	FIRST CLASS
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization: Software Engineering

Research Interest:

Experience in years: Teaching Research Industry Others

Courses Taught in UG/PG Level :

1. Theory of Computation
2. Cloud Computing
3. Software Testing

No. of Workshop/Conferences /FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences :

/FDP Organized : Workshop Conferences FDP



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Name : DR. P.PUNITHAVATHI
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Qualification :



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
		B.E.	2007	ANNA UNIVERSITY	8.5
PG	ME/MTech/MBA	Date of Completion	University	% of Marks	Class
	M.E.	2014	ANNA UNIVERSITY	7.5	DISTINCTION
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	2020	COMPUTER SCIENCE AND ENGINEERING	VIT		
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization: COMPUTER SCIENCE AND ENGINEERING

Research Interest:

Experience in years: Teaching Research Industry Others

Courses Taught in UG/PG Level :

1. DBMS
2. OPERATING SYSTEM
3. DAA

No. of Workshop/Conferences /FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences /FDP Organized : Workshop Conferences FDP



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Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E.	2010	ANNA UNIVERSITY	67	FIRST CLASS
PG	ME/MTech/MBA	Date of Completion	University	% of Marks	Class
	M.E.	2013	ANNA UNIVERSITY	7.6	FIRST CLASS
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization: SOFTWARE ENGINEERING

Research Interest:

Experience in years: Teaching Research Industry Others

Courses Taught in UG/PG Level :

- DBMS
- OPERATING SYSTEM
- SOFTWARE ENGINEERING

No. of Workshop/Conferences /FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences /FDP Organized : Workshop Conferences FDP



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Name : DR. SAMEEULLAH AM
Designation : PROFESSOR
DOB : 09-07-1949
Email :
Qualification :



UG	B.E./B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E.	1972	ANNAMALAI UNIVERSITY	74	FIRST CLASS
PG	ME/MTech/MBA	Date of Completion	University	% of Marks	Class
	M.SC	1974	ANNAMALAI UNIVERSITY	75	DISTINCTION
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	2010	COMPUTER SCIENCE AND ENGINEERING	ANNAMALAI UNIVERSITY		
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization: COMPUTER SCIENCE AND ENGINEERING

Research Interest:

Experience in years: Teaching Research Industry Others

Courses Taught in UG/PG Level :

1. DBMS
2. OPERATING SYSTEM
3. DAA

No. of Workshop/Conferences /FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences /FDP Organized : Workshop Conferences FDP



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Name : MRS. VANAJA C
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Qualification :



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
		B.E.	2010	PONDICHERRY UNIVERSITY	82
PG	ME/MTech/MBA	Date of Completion	University	% of Marks	Class
	M.E.	2012	ANNAMALAI UNIVERSITY	91	DISTINCTION
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization: COMPUTER SCIENCE AND ENGINEERING

Research Interest:

Experience in years: Teaching Research Industry Others

Courses Taught in UG / PG Level :

1. DBMS
2. OPERATING SYSTEM
3. Data Structures

No. of Workshop/Conferences /FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences /FDP Organized : Workshop Conferences FDP



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 Qualification :



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.COM	2007	UNIVERSITY OF MADRAS	57	SECOND CLASS
PG	ME/MTech/MBA	Date of Completion	University	% of Marks	Class
	M.C.A.	2010	ANNA UNIVERSITY	72	FIRST CLASS
	M.TECH	2014	BHARATH UNIVERSITY	75	FIRST CLASS
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization: COMPUTER SCIENCE AND ENGINEERING

Research Interest:

Experience in years: Teaching Research Industry Others

Courses Taught in UG / PG Level :

1. DBMS
2. OPERATING SYSTEM
3. COMPUTER PROGRAMMINGS

No. of Workshop/Conferences /FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences /FDP Organized : Workshop Conferences FDP



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Email : jayachandran.cse@sairamit.edu.in
Qualification :



UG	B.E./B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.SC	1997	UNIVERSIT OF MADRAS	63	FIRST CLASS
PG	ME/MTech/MBA	Date of Completion	University	% of Marks	Class
	M.C.A.	2001	BHARATHIDASAN UNIVERSITY	65	FIRST CLASS
	M.E.	2011	SATHYABA MA UNIVERSITY	71	FIRST CLASS
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization: COMPUTER SCIENCE AND ENGINEERING

Research Interest:

Experience in years: Teaching Research Industry Others

Courses Taught in UG/PG Level :

1. DBMS
2. OPERATING SYSTEM
3. DAA

No. of Workshop/Conferences /FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences
/FDP Organized

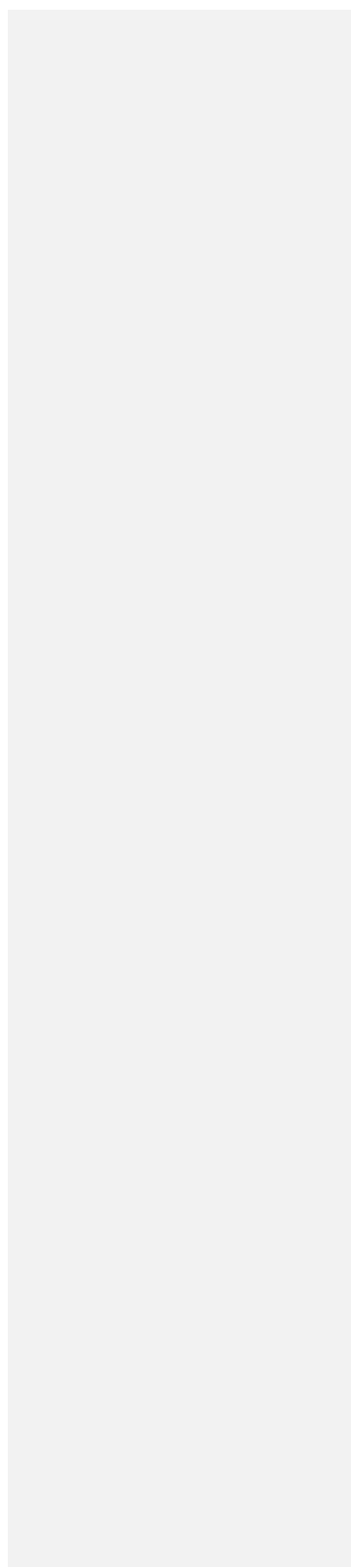
:Workshop

1

Conferences

FDP

2





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Name : MR. PRABAHAR GODWIN JAMES T
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Qualification :



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
		B.SC	1995	BHARATHIDASAN UNIVERSITY	47.13
PG	ME/M.Tech/MBA	Date of Completion	University	% of Marks	Class
	M.PHIL	2007	ALAGAPPA UNIVERSITY	61	FIRST CLASS
	M.TECH.	2013	SRM UNIVERSITY	85	FIRST CLASS
	M.C.A.	2000	MADURAI KAMARAJ UNIVERSITY	66	FIRST CLASS
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization: COMPUTER SCIENCE AND ENGINEERING

Research Interest:

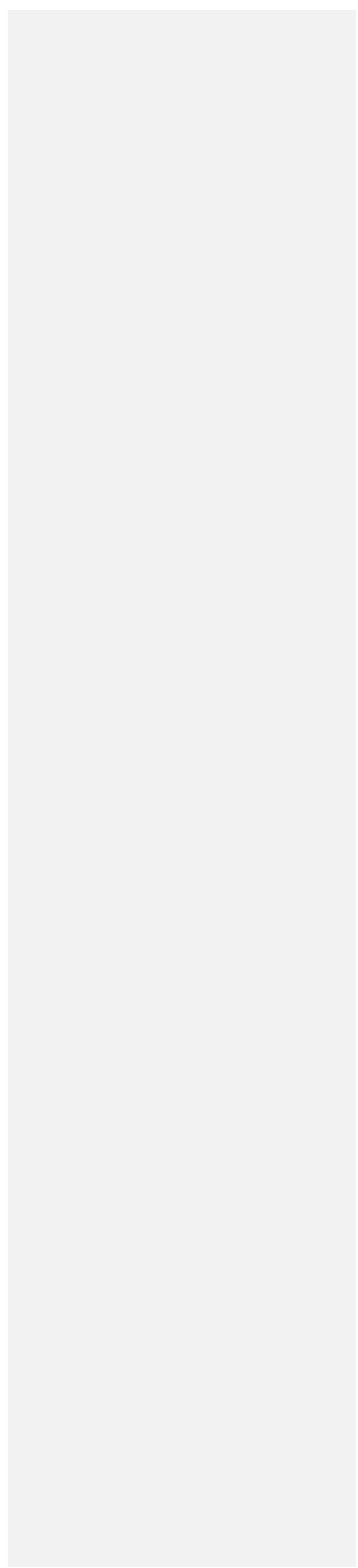
Experience in years: Teaching Research Industry Others

Courses Taught in UG/PG Level :

1. OOAD
2. OPERATING SYSTEM
3. DAA

No. of Workshop/Conferences /FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences /FDP Organized : Workshop Conferences FDP





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Qualification :



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
		B.E.	2005	ANNA UNIVERSITY	66
PG	ME/MTech/MBA	Date of Completion	University	% of Marks	Class
	M.E.	2011	ANNA UNIVERSITY	7.93	FIRST CLASS
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	2019	COMPUTER SCIENCE AND ENGINEERING	ANNA UNIVERSITY		
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization: COMPUTER SCIENCE AND ENGINEERING

Research Interest:

Experience in years: Teaching Research Industry Others

Courses Taught in UG/PGLevel :

1. DBMS
2. OPERATING SYSTEM
3. Data Structures

No. of Workshop/Conferences /FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences /FDP Organized : Workshop Conferences FDP



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 Qualification :



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
		B.E.	2016	ANNA UNIVERSITY	7.32
PG	ME/MTech/MBA	Date of Completion	University	% of Marks	Class
	M.E.	2018	ANNA UNIVERSITY	8.39	FIRST CLASS
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization: COMPUTER SCIENCE AND ENGINEERING (WITH SPECIALIZATION IN NETWORKS)

Research Interest:

Experience in years: Teaching Research Industry Others

Courses Taught in UG/PG Level :

1. DBMS
2. OPERATING SYSTEM
3. Data Structures

No. of Workshop/Conferences /FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences /FDP Organized : Workshop Conferences FDP



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 Qualification :



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
		B.TECH.	2003	PONDICHERRY UNIVERSITY	74
PG	ME/MTech/MBA	Date of Completion	University	% of Marks	Class
		M.TECH.	2010	PONDICHERRY UNIVERSITY	85
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	2019	COMPUTER SCIENCE AND ENGINEERING	ANNA UNIVERSITY		
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization: COMPUTER SCIENCE AND ENGINEERING

Research Interest:

Experience in years: Teaching Research Industry Others

Courses Taught in UG/PG Level :

1. Internet Programming
2. Operating System
3. Data Structures

No. of Workshop/Conferences /FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences /FDP Organized : Workshop Conferences FDP



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Email : vinithra.cse@sairamit.edu.in
Qualification :



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
		B.TECH.	2009	ANNA UNIVERSITY	78
PG	ME/MTech/MBA	Date of Completion	University	% of Marks	Class
	M.E.	2011	ANNA UNIVERSITY	8.6	DISTINCTION
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization: COMPUTER SCIENCE AND ENGINEERING

Research Interest:

Experience in years: Teaching Research Industry Others

Courses Taught in UG/PG Level :

1. DBMS
2. DISTRIBUTED SYSTEM
3. COMPILER DESIGN

No. of Workshop/Conferences /FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences /FDP Organized : Workshop Conferences FDP

Name : C Valarmathi
 Designation : **Assistant Professor**
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Qualification :

UG	B.E/B.Tech/B.Sc./ / B.A./BBA/B.Ed.	Date of Completi on	University	% of Marks	Class
	B.E.CSE	2014	Anna University	7.80	First
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E CSE	2016	Anna University	8.08	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : Computer Science and

Engineering Research Interest : Networks

Experience in years: Teaching 4 Industry - Research - Others

Courses Taught in UG / PG Level :Internet Programming, Networks

No. of Workshop/Conferences/ FDP Attended: FDP Workshop Conferences
 No. of Workshop/Conferences/ FDP Organized: FDP Workshop Conferences

Professional Membership	ISTE		
Publications	No. of papers published in National Journals / Conferences :		
	Name of the Book/Conference	ISBN No.	International Journal Publication
	No. of Books published :		-
Research Guidance	No.Of UG Students Guided: 10 No.Of PG Students Guided: NIL No.Of Ph.Ds Guided: NA		
Research Funded Projects	NIL		
Patents	Filed: NIL Granted: NIL		
Technology Transfer	-		
Achievements			
Any Other Information			

Name : **NANDHINI J M**

Designation : **Assistant Professor - I**

DOB : 05/02/1977

Unique ID (College ID) : IT17IT01

Email : nandhini.it@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc (Maths)	1997	Madras University	65.5	I
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.C.A	2000	Bharthidasan University	65	I
	M.Phil (Computer Science)	2006	Algappa University	55	II
	M.Tech (CSE)	2011	Dr. M.G.R Educational and Research Institute	9.2 CGPA	I Class with Honours
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Pursuing	Cloud Computing	Anna University		

Area of Specialization : Computer Science and Engineering Technology

Research Interest : Cloud Computing, Natural Language Processing

Experience in years : Teaching UG : 5 Y PG: 16

No. of Workshop/Conferences/ FDP attended : Workshop : 05 Conferences : 02 FDP : 20

No. of Workshop/Conferences/ FDP Organized: Workshop : 02 Conferences: 0 FDP : 02

Courses Taught in UG &PG level:	<ol style="list-style-type: none"> 1. Data Structures using C++ 2.Data Structures using C and PASCAL 3.Visual Basic 4.Computer Networks 5.Operating Systems 6.Visual programming 7.Unix and Network Programming 8.Unix Internals 9.Problem Solving and Programming 10.Mobile Computing 11. Web Technologies 12. Object Oriented Programming 13.Microprocessor and itsApplications 14. Embedded Systems 15.Computer Programming 16. Resource Management Techniques 17. Cloud Computing 18. Object Oriented Programming & DataStructures 19. Programming and Data Structures – II 20. Programming in C 21. Fundamentals of Data Structures in C
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Professional Membership	ISTE, IAENG,IEEE, CSI
Publications	No. of papers published in National Journals / Conferences :08
	No. of papers published in International Journals / Conferences:15
	No. of Books published : -
Research Guidance	No.Of UG Students Guided: 12 No.Of PG Students Guided: 40
Patents	Filed: 01 Granted:-
Technology Transfer	Had been Organizer for Cyber Club and Code Club Activities

TEACHING LEARNING PROCESS

- I. The detailed curricula of Autonomous is provided below and the detailed syllabus are enclosed in the Annexure,

SEMESTER I

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CRE DITS
			L	T	P		
THEORY							
1	20BSMA101	Engineering Mathematics-I	3	1	0	4	4
2	20HSEN101	Technical English-I	3	0	0	3	3
3	20BSPH101	Engineering Physics	3	0	0	3	3
4	20BSCY101	Engineering Chemistry	3	0	0	3	3
5	20ESCS101	Problem Solving and Programming in C	3	0	0	3	3
6	20ESGE101	Engineering Graphics	1	2	0	3	3
PRACTICALS							
7	20BSPL101	Physics and Chemistry Laboratory	0	0	3	3	1.5
8	20ESPL101	Programming in C Laboratory	0	0	3	3	1.5
VALUE ADDITIONS - I							
9	20TPHS101	Skill Enhancement	0	0	2	2	1
10	20HSMG101	Personal Values	2	0	0	2	0
TOTAL						29	23

SEMESTER II

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CRE DITS
			L	T	P		
THEORY							
1	20BSMA204	Discrete Structures	3	1	0	4	4
2	20HSEN201	Technical English – II	2	0	2	4	3
3	20BSPH203	Physics for Information Science	3	0	0	3	3
4	20BSCY201	Environmental Science and Engineering	3	0	0	3	3
5	20ESIT202	Python Programming	3	0	0	3	3
6	20ESIT203	Digital Principles and System Design	2	1	0	3	3
PRACTICALS							
7	20ESPL201	Python Programming Laboratory	0	0	3	3	1.
8	20ESPL202	Digital Laboratory	0	0	3	3	1.
9	20ESGE201	Engineering Practices Laboratory	0	0	3	3	1.
VALUE ADDITIONS - II							

10	20TPHS201	Skill Enhancement	0	0	2	2	1
11	20HSMG201	Interpersonal Values	2	0	0	2	0
TOTAL						33	2

SEMESTER III

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20BSMA304	Statistics and Linear Algebra	3	1	0	4	4
2	20CSPC301	Object Oriented Programming	2	1	0	3	3
3	20ESEC301	Communication Engineering	3	0	0	3	3
4	20ITPC301	Data Structures	3	0	0	3	3
5	20ITPC303	Computer Organization and Architecture	3	0	0	3	3
PRACTICALS							
6	20ITPL301	Data Structures Laboratory	0	0	3	3	1.5
7	20CSPL301	Object Oriented Programming Laboratory	0	0	3	3	1.5
8	20CSTE301	Live-in-Lab - I	0	0	2	2	1
VALUE ADDITIONS - III							
9	20CSTP301	Skill Enhancement	0	0	2	2	1
10	20MGMC301	Constitution of India	2	0	0	2	0
TOTAL						28	21

SEMESTER IV

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20BSMA402	Probability and Queuing Theory	3	1	0	4	4
2	20CSPW401	Computer Networks (With Laboratory)	3	0	2	5	4
3	20CSPC401	Operating Systems	3	0	0	3	3
4	20CSPC402	Database Management Systems	3	0	0	3	3
5	20CSPC403	Object Oriented Software Engineering	3	0	0	3	3
6	20ITPC401	Design and Analysis of Algorithms	2	1	0	3	3
PRACTICALS							
7	20CSPL401	Operating Systems Laboratory	0	0	3	3	1.5
8	20CSPL402	Database Management Systems Laboratory	0	0	3	3	1.5
9	20CSTE401	Live-in-Lab - II	0	0	2	2	1
VALUE ADDITIONS - IV							
10	20CSTP401	Skill Enhancement	0	0	2	2	1
TOTAL						31	25

SEMESTER V

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20CSPC501	Internet Programming	3	0	0	3	3
2	20CSPC502	Theory of Computation	2	1	0	3	3
3	20ESEC502	Microprocessors and Microcontrollers	3	0	0	3	3
4	20CSPC503	Mobile Computing	3	0	0	3	3
5	20XXELXX X	Professional Elective – I	3	0	0	3	3
6	20XXOEXX X	Open Elective - I	3	0	0	3	3
PRACTICALS							
7	20CSPL501	Internet Programming Laboratory	0	0	4	4	2
8	20ESPL501	Microprocessors & Microcontrollers Laboratory	0	0	3	3	1.5
9	20CSTE501	Live in Lab - III	0	0	4	4	2
VALUE ADDITIONS - V							
10	20CSTP501	Skill Enhancement	0	0	2	2	1
TOTAL						31	24.5

SEMESTER VI

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20CSPC601	Artificial Intelligence	3	0	0	3	3
2	20CSPC602	Compiler Design	3	0	0	3	3
3	20CSPC603	Cloud Computing	3	0	0	3	3
4	20XXELXXX	Professional Elective – II	3	0	0	3	3
5	20HSMG601	Principles of Engineering Management	3	0	0	3	3
PRACTICALS							
6	20CSPL601	Artificial Intelligence Laboratory	0	0	3	3	1.5
7	20CSPL602	Cloud Computing Laboratory	0	0	3	3	1.5
8	20HSPL501	Communication and Soft Skills Laboratory	0	0	2	2	1
9	20CSPJ601	Innovative Design Project	0	0	2	2	1
VALUE ADDITIONS - VI							
10	20CSTP601	Skill Enhancement	0	0	2	2	1
TOTAL						27	21

SEMESTER VII

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20CSPC701	Big Data Analytics	3	0	0	3	3
2	20CSPC702	Machine Learning Techniques	3	0	0	3	3
3	20ITPC701	Cryptography and Network Security	3	0	0	3	3
4	20XXELXX X	Professional Elective -III	3	0	0	3	3
5	20XXOEEXX X	Open Elective – II	3	0	0	3	3
PRACTICALS							
6	20CSPL701	Big Data Analytics Laboratory	0	0	3	3	1.5
7	20ITPL701	Cryptography & Network Security Laboratory	0	0	3	3	1.5
8	20CSPJ701	Project Phase - I	0	0	4	4	2
VALUE ADDITIONS - VII							
10	20CSTP701	Skill Enhancement	0	0	2	2	1
TOTAL						27	21

SEMESTER VIII

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20XXELXX X	Professional Elective - IV	3	0	0	3	3
PRACTICAL							
2	20CSPJ801	Project Phase - II	0	0	8	8	4
TOTAL						11	7

CREDIT DISTRIBUTION

Category	BS	ES	HS	EL	PC+PL	PW	OE	TE	PJ	TP	IS	MC	TOTAL
Credit	29.5	25.5	10	12	62	04	06	04	7	7	3	Y	170
Percentage	17.4	15.0	5.9	7.1	36.5	2.4	3.5	2.4	4.1	4.1	1.8	-	

ME – BDA SYLLABUS

SEMESTER I

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20PBDMA101	Applied Probability And Statistics	3	1	0	4	4
2	20PBDPC101	Advanced Data Structures & Algorithms	3	0	0	3	3
3	20PBDPC102	Big Data Mining And Analytics	3	0	0	3	3
4	20PBDPC103	Multi Core Architecture	3	0	0	3	3
5	20PBDMC101	Research Methodology and IPR	2	0	0	2	2
6	20PBDMC102	Audit Course – I *	2	0	0	2	0
PRACTICALS							
7	20PBDPL101	Advanced Data Structures Lab	0	0	3	3	1.5
8	20PBDPL102	Big Data Computing Laboratory	0	0	3	3	1.5
TOTAL						23	18

SEMESTER II

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20PBDPC201	Foundations Of Data Science	3	1	0	4	4
2	20PBDPC202	Big Data Security	3	0	0	3	3
3	20PBDPC203	Machine Learning Techniques	3	0	0	3	3
4	20PBDPC204	NOSQL Database	3	0	0	3	3
5	20PXXELXX X	Professional Elective I	3	0	0	3	3
6	20PBDMC201	Audit Course – II *	2	0	0	2	0
PRACTICALS							
7	20PBDPL201	Big Data Query Languages Laboratory	0	0	3	3	1.5
8	20PBDPL202	Machine Learning Techniques Laboratory	0	0	3	3	1.5
VALUE ADDITIONS-V							
9	20PBDTE201	Innovative Design Project	0	0	2	2	1
TOTAL						26	20

SEMESTER III

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20PXXOEXXX	OPEN ELECTIVE	3	0	0	3	3
2	20PXXPEXXX	ELECTIVE II	3	0	2	5	4
3	20PXXELXXX	ELECTIVE III	3	0	0	3	3
4	20PXXELXXX	ELECTIVE IV	3	0	0	3	3
PRACTICALS							
5	20PBDPJ301	PROJECT WORK PHASE I	0	0	12	12	6
TOTAL						26	19

SEMESTER IV

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
PRACTICALS							
1	20PBD PJ401	OBJECT WORK PHASE II	0	0	24	24	12
TOTAL						24	12

PROFESSIONAL ELLECTIVE I

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20PBDEL201	High Performance Computing	3	0	0	3	3
2	20PBDEL202	Service Oriented Architecture	3	0	0	3	3
3	20PBDEL203	Information Retrieval Techniques	3	0	0	3	3
4	20PBDEL204	Distributed Systems	3	0	0	3	3
5	20PBDEL205	Internet Of Things	3	0	0	3	3
6	20PBDEL206	Computational Geometry	3	0	0	3	3

PROFESSIONAL ELLECTIVE II

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20PBDEL301	Soft Computing	3	0	0	3	3
2	20PBDEL302	Multimedia Communication Networks	3	0	0	3	3
3	20PBDEL303	Parallel And Distributed Computing	3	0	0	3	3
4	20PBDEL304	Predictive Modelling	3	0	0	3	3
5	20PBDEL305	Image Processing And Analysis	3	0	0	3	3
6	20PBDEL306	Cloud Sourced Data And Storage	3	0	0	3	3

PROFESSIONAL ELLECTIVE III

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20PBDEL307	Deep Learning	3	0	0	3	3
2	20PBDEL308	Cognitive Computing	3	0	0	3	3
3	20PBDEL309	Social Network Analysis	3	0	0	3	3
4	20PBDEL310	Virtualization Techniques And Applications	3	0	0	3	3
5	20PBDEL311	Natural Language Processing	3	0	0	3	3
6	20PBDEL312	Exploratory Data Analysis In R	3	0	0	3	3

PROFESSIONAL ELLECTIVE IV

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20PBDEL313	Data Intensive Computing	3	0	0	3	3
2	20PBDEL314	R Language For Mining	3	0	0	3	3
3	20PBDEL315	Web Analytics	3	0	0	3	3
4	20PBDEL316	Bioinformatics	3	0	0	3	3
5	20PXXELXX	Statistics For Business Analytics	3	0	0	3	3
6	20PBDEL317	Reinforcement Learning	3	0	0	3	3

OPEN ELECTIVES

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20PBDOE301	Business Data Analytics	3	0	0	3	3
2	20PBDOE302	Industrial Safety	3	0	0	3	3
3	20PBDOE303	Operations Research	3	0	0	3	3
4	20PBDOE304	Cost Management Of Engineering Projects	3	0	0	3	3
5	20PBDOE305	Composite Materials	3	0	0	3	3
6	20PBDOE306	Waste To Energy	3	0	0	3	3

AUDIT COURSES (AC)

Registration for any of these courses is optional to students

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20PBDMCXXX	English for Research Paper Writing	2	0	0	0	1
2	20PBDMCXXX	Disaster Management	2	0	0	0	2
3	20PBDMCXXX	Sanskrit for Technical Knowledge	2	0	0	0	3
4	20PBDMCXXX	Value Education	2	0	0	0	4
5	20PBDMCXXX	Constitution of India	2	0	0	0	5
6	20PBDMCXXX	Pedagogy Studies	2	0	0	0	6
7	20PBDMCXXX	Stress Management by Yoga	2	0	0	0	7
8	20PBDMCXXX	Personality Development Through Life Enlightenment Skills	2	0	0	0	8
9	20PBDMCXXX	Unnat Bharat Abhiyan	2	0	0	0	9
Total Credits							0

II. ACADEMIC CALENDAR OF THE UNIVERSITY

The Institution level Academic calendar is discussed and planned in the Director and Principals Meeting scheduled on 23.08.2021 by involving all academic, administrative and functional heads, Deans, IQAC members, COE, Librarian, Exam Cell, IIPC, EDC conveners.

The institution level academic calendar comprising of Internal assessment dates, Result Analysis schedules for internal and End semester Exams, review meetings, Class committee meeting schedules, PAC, DAB, IQAC, Budget committee meeting schedules, College Branding functions and celebrations, Common Project Reviews for Final years, Club activities, Factory/Industrial visits, Virtual Industrial Tours, MRM and ISO Audits, Annual Events, Alumni Meetings, Parents Meetings etc., The Institutional Level Calendar needs to be approved by all heads which needs to be circulated among all faculty members. The institution level academic calendar is attached herewith for valuable inputs before circulation and effective follow up process.

SRI SAI RAM INSTITUTE OF TECHNOLOGY CHENNAI - 44	DEPARTMENT DOCUMENTS				EOMS CODE:	
					REV NO: 01	
	DEPARTMENT - IQAC				DATE: 01.09.2021	
ACADEMIC CALENDAR (ODD Semester 2021-2022)						
S.No.	Programme	Tentative Dates				
		I Year	II Year	III Year	IV Year	
01	ISO Internal Audit	16.08.2021				
02	Program Assessment Committee Meeting	27.08.2021 to 04.09.2021				
03	Department Advisory Board Meeting	08.09.2021 to 18.09.2021				
04	Budget Committee Meeting	22.09.2021				
05	Library Coordinating Committee Meeting	23.08.2021				
06	Research Advisory Board Meeting	24.09.2021				
07	IIPC Advisory Board Meeting	27.09.2021				
08	Planning and Monitoring Committee Meeting	29.09.2021				
09	Grievance and Redressal Committee Meeting	Every Month - Fourth Week - Friday				
10	Examination Committee Meeting	02.09.2021				
11	Sairam SDG Solvathon	16.09.2021				
12	Clubs and Cells Coordinating Committee Meeting	Every Month - Third Week - Friday				
13	Sports Committee Meeting	Every Month - Second Week - Friday				
14	ISO Internal Audit	10.12.2021 & 11.12.2021 (To be conducted)				
15	Management Review Meeting	16.09.2021				

16	IQAC Meeting I	06.10.2021		
17	Board of Studies Meeting	Second Week of December 2021		
18	Academic Council Meeting	Second Week of September 2021		
19	Governing Council Meeting	21.10.2021 or 22.10.2021		
20	Skill Enhancement Training Program	23.08.2021 to 30.08.2021		
21	FDP & Faculty Orientation Program	30.09.2021		
22	Agrildea Hackathon	30.09.2021		
23	Commencement of Classes *	19.08.20	05.08.2021	
24	Orientation and Bridge Course	19.08.20	-	-
25	Association Activities Inauguration	As per Department calendar		
26	Class Committee Meeting - I	Third week from the commencement of the semester		
27	First year Induction Day	07.10.2021*		
28	First year students Induction program	Two weeks from First year Induction Day		
29	Zeroth Project Review			08.09.2021 to 10.09.2021
30	Submission of Question Paper for CAT1	18.09.2021	28.08.2021	
31	Question Paper Scrutiny for CAT I	20.09.2021	30.08.2021	
32	Industrial Lecture Series/ Field Visit/Virtual IV	Every Month - Fourth Week - Saturday*		
33	Continuous Assessment Test - I	22.09.2021 to 28.09.2021	01.09.2021 to 07.09.2021	
34	CAT I Valuation	22.09.2021 to 30.09.2021	01.09.2021 to 09.09.2021	
35	Display of CAT I Marks in EDUMATE &	04.10.2021	11.09.2021	
36	CAT I Result Review Meeting	04.10.2021	11.09.2021	
37	Class Committee Meeting - II	One week after completion of the CAT I		
38	Intra Departmental Academic Audit - I	06.10.2021		
39	Extension and Club Activities	Second Saturday - Every Month		
40	First Project Review			28.10.2021, 29.10.2021
41	Industry Connect Event	23.10.2021		
42	Sairam Startup Expo	28.10.2021		
43	PTA Meeting	Eighth week after Commencement of classes		
44	Submission of Question Paper for CAT II	20.10.2021	29.09.2021	
45	Question Paper Scrutiny for CAT II		30.09.2021	

46	CAT II		25.10.2021 to 30.10.2021	04.10.2021 to 09.10.2021
47	CAT II - Valuation		25.10.2021 to 02.11.2021 (For II	
48	Display of CAT II Marks in EDUMATE & Communication to Parents		02.11.2021	12.10.2021
49	CAT II Result Review Meeting		08.11.2021	14.10.2021
50	Class Committee Meeting - III	One week after the completion of CAT II		
51	Intra Departmental Academic Audit - II	10.11.2021		
52	Technical Symposium	22.10.2021 to 23.10.2021		
53	ISO External Audit	1 st week of November 2021		
54	Practical Model Examinations	08.12.2021-10.12.2021 (II yr) &		
55	Submission of Question Paper for CAT - III	26.11.2021	04.11.2021	
56	Question Paper Scrutiny for CAT III	27.11.2021	05.11.2021	
57	Last date for syllabus completion -theory and	27.11.2021	06.11.2021	
58	CAT III	29.11.2021 to	08.11.2021 to 13.11.2021	
59	CAT III Valuation	29.11.2021 to 07.12.2021	08.11.2021 to 17.11.2021	
60	Display of CAT III Marks in EDUMATE & Communication to Parents	07.12.2021	17.11.2021	
61	Students online feedback	05.12.2021	14.11.2021	
62	Professional Chapter Activities	As per department Calendar		
63	Alumni Meet	As per department Calendar		
64	Alumni Talk program	As per department Calendar		
65	End Semester Meeting	06.12.2021	18.11.2021	
66	Last working day	15.12.2021	01.12.2021	
67	End Semester Question paper feedback in	Within three days after the examination		
68	CAT III Result Review Meeting	07.12.2021	15.11.2021	
69	Academic Audit (Inter Departmental) - III	13.12.2021 - 20.12.2021		
70	CAT I, II & III Question Paper - Quality Audit	As per the CoE Calendar		
71	Submission of Attendance and eligible candidate list for End semester examination	01.12.2021	5.11.2021	
72	End semester Practical Examinations	06.12.2021	2.11.2021	
73	End Semester Theory Exam	16.12.2021	2.12.2021	
74	Result Passing Board Meeting	As per the CoE Calendar		
75	IQAC MEETING II	07.01.2022		

ACA 2019 – 20 (ODD)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
MASTER TIME TABLE FOR IV & V SEMESTER DEC 2017- APRIL 2018

Sl. No.	Staff Name	Monday					Tuesday					Wednesday					Thursday					Friday				
		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
1.	M.S.Indira					CS09A CNS1A					CS09A CNS1A					CS09A CNS1A					CS09A CNS1A					CS09A CNS1A
2.	M.S.Padmalatha (Physic)			Maths & PHY11		CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B
3.	M.S.Indira	CS07B CNS2B	Maths Back PHY11			CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B
4.	M.S.Indira	CS07B CNS2B				CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B
5.	M.S.Indira	CS07B CNS2B				CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B
6.	M.S.Indira	CS07B CNS2B				CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B
7.	M.S.Indira	CS07B CNS2B				CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B
8.	M.S.Indira	CS07B CNS2B				CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B
9.	M.S.Indira	CS07B CNS2B				CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B
10.	M.S.Indira	CS07B CNS2B				CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B
11.	M.S.Indira	CS07B CNS2B				CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B
12.	M.S.Indira	CS07B CNS2B				CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B
13.	M.S.Indira	CS07B CNS2B				CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B
14.	M.S.Indira	CS07B CNS2B				CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B
15.	M.S.Indira	CS07B CNS2B				CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B
16.	M.S.Indira	CS07B CNS2B				CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B
17.	M.S.Indira	CS07B CNS2B				CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B
18.	M.S.Indira	CS07B CNS2B				CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B					CS07B CNS2B

ACA 2020 – 21 (EVEN)



SRI SAKRAM INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
MASTER TIME TABLE FOR FEB 2021 - APRIL 2021

Master time table for the Even Semester (Feb 2021 - April 2021). Columns include Staff Name, Day (Monday-Friday), and Slot (1-7). Rows list staff members and their respective courses, such as H C SE C IP LAB, H C SE A, H C SE B, etc.

ACA 2020 – 21 (ODD)



SRI SAKRAM INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
MASTER TIME TABLE FOR III V & VII SEMESTER Jan 2020 - Nov 2020

Master time table for the Odd Semester (Jan 2020 - Nov 2020). Columns include Staff Name, Day (Monday-Friday), and Slot (1-7). Rows list staff members and their respective courses, such as CN-III-C, DS-II-B, OOP-III-C, etc.

ACA 2021 – 22 (ODD)



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING MASTER TIME TABLE FOR V & VII SEMESTER JULY-DEC 2021

Sl.No	Staff Name	Monday					Tuesday					Wednesday					Thursday					Friday														
		1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5										
1	Dr. B. Sreedevi						CN III CSE A					CN LAB III CSE A										CN III CSE A										CN III CSE A				
2	Dr. M. Pachaiammal @ Priya	SPM IV CSE					CC IV CSE C					SPM IV CSE	CC LAB IV CSE C									SPM IV CSE	SPM IV CSE				CC IV CSE C					CC IV CSE C				
3	Ms.P. Annadurai																					CNS IV CSE A					CNS IV CSE A					CNS IV CSE A				
4	Ms.G. Ilamurugan	CAO III CSE					OOAD III CSE D					OOAD III CSE D	CAO III CSE									OOAD LAB III CSE D	CAO III CSE				OOAD III CSE D					OOAD III CSE D				
5	Ms.D. Raja Lakshmi						CN III CSE D						CN LAB III CSE D									CN III CSE D										CN III CSE D				
6	Ms.P. Rayavel																																			
7	Ms.S. Ananthi																																			
8	Ms.D. Roopa																																			
9	Dr.K.C. Suresh	CF & NET IV CSE											CF & NET IV CSE									CF & NET IV CSE	CNS LAB IV CSE B			CNS IV CSE B					CF & NET IV CSE					
10	Ms. Ashok Paragathi																																			
11	Ms.S. Mahipathi																																			
12	Ms.M. Subashini																																			
13	Ms.C. Leiba	OOAD III CSE D																																		
14	Ms.Mangon S																																			
15	Ms.H. Kavitha																																			
16	Ms.J.Thiravakkanam																																			
17	Ms.Parthiban M																																			
18	Ms.D.Naveen Raja																																			
19	Ms.K.Vijayalakshmi																																			
20	Ms.J.Gladys Anne Begilia																																			
21	Ms.Aaravi V																																			
22	Ms.P.Nimala Devi																																			

IV. Teaching Load of each Faculty

WORKLOAD FOR INDIVIDUAL FACULTY - ACADEMIC YEAR 2019 -20

SL.No.	Name of the Staff	ACA 2019 -20	ACA2019 -20
1	Dr.B. Sreedevi	7	7
2	M. Pachaiammal @Priya	11	12
3	G.Vinithra	11	12
4	P. Suganthi	12	12
5	P.Annadurai	15	13
6	G. Ilamurugan	11	11
7	P.Rayavel	12	13
8	D.Rajalakshmi	15	11
9	S.Ananthi	11	13
10	M.Bharathi	11	13
11	Ms.Roopa	14	12
12	Dr.K.C. Suresh	13	10
13	P.Ashok	15	10

14	S.Mathu Priya	14	12
15	C.Vanaja	14	13
16	J.Jayachandran	15	11
17	M.Subashini	15	11
18	Dr. B. Anbarasan	11	13
19	Mr. Prabakar Godwin James	0	4

WORKLOAD FOR INDIVIDUAL FACULTY ACADEMIC YEAR 2020-21

SL.No.	Name of the Staff	ACA2020 -21 (ODD)	ACA2020-21 (EVEN)
1	Dr.B. Sreedevi	7	7
2	M. Pachaiammal @Priya	14	10
3	G.Vinithra	12	NA
4	P. Suganthi	13	NA
5	P.Annadurai	12	11
6	G. Ilamurugan	12	8
7	P.Rayavel	12	8
8	D.Rajalakshmi	12	10
9	S.Ananthi	15	5
10	M.Bharathi	15	NA
11	Ms.Roopa	12	11
12	Dr.K.C. Suresh	10	10
13	P.Ashok	11	8
14	S.Mathu Priya	11	11
15	C.Vanaja	13	NA
16	J.Jayachandran	11	12
17	M.Subashini	12	11
18	Dr. B. Anbarasan	14	10
19	Mr. Prabakar Godwin James	3	4
20	Mr. S. MURUGESAN	Not Joined	10
21	Ms. H. Kavietha	Not Joined	11
22	Ms. G. Lekha	Not Joined	11
23	Mr. M. Parthiban	Not Joined	12
24	Mr.J. Thirunavukkarasu	Not Joined	8

25	Mrs.Galdys Annie Sujitha	Not Joined	10
26	Mrs.K. Vijayalakshmi	Not Joined	10
27	Mrs. V. Ashwini	Not Joined	4
28	Mr. M. Rajesh	Not Joined	11
29	Mr. Naveen Raju	Not Joined	13

V. Internal Continuous Evaluation System and place

The Institution carefully follows the assessment technique endorsed by Anna University. The assessment weight age is 20 for continuous assessment tests and 80 for the end-semester. The academic schedule for every semester is set up in accordance with the University timetable of events, which gives the data about planned timetable for internal assessments, model assessments and the provisional timetable of University practical assessments concerning plan to the academic curriculum. The question paper pattern for the internal examinations has been normalized by the institution, like that of University end semester question paper containing Part A, Part B and Part C questions as appropriate. Interior Assessment I covers Unit I and II, Internal evaluation II covers Unit III and IV and model assessment covers the entire syllabus of a specific subject. Faculties prepare three sets of question papers with respect to the tests and provide it to the exam cell, wherein the Head of the Institution select a question paper from the set and it is disseminated to the students at the time of assessment. Students' marks are distributed to the students immediately after the completion of assessment and the equivalent is reported to their parents through message, email and post. Retests/Improvement tests are written by students who failed to secure minimum percentage of marks / who want to increase their internal marks, for that a special schedule is outlined for student's purpose. Academic performance and attendance of each student are maintained and recorded in each and every department through Edumate portal.

VI. Laboratory facilities exclusive to the Post Graduate Course

M.E-BIG DATA ANALYTICS

Semester – I

ADVANCED DATA STRUCTURES LABORATORY

Software Requirements:

1. Systems with Linux Operating System with C/C++ Compiler

BIG DATA COMPUTING LABORATORY

Software Requirements:

1. Hadoop / HOFK
2. Map Reduce
3. Big data tools
4. Machines – Windows 7/8

Semester – II

BIG DATA QUERY LANGUAGES LABORATORY

Software Requirements:

1. Systems with MySql
2. PHP
3. Big data tools
4. Machines – Windows 7/8

MACHINE LEARNING TECHNIQUES LABORATORY

Software Requirements:

1. Mat Lab
2. Co Lab
3. Python
4. Machines – Windows 7/8

SYLLABUS

<https://sairamit.edu.in/curriculum-syllabus/>

WORKLOAD FOR INDIVIDUAL FACULTY - ACADEMIC YEAR 2019 -20

SL.No.	Name of the Staff	ACA 2019 -20 (ODD)	ACA2019 -20 (EVEN)
1	Dr.B. Sreedevi	7	7
2	M. Pachaiammal @Priya	11	12
3	G.Vinithra	11	12
4	P. Suganthi	12	12
5	P.Annadurai	15	13
6	G. Ilamurugan	11	11
7	P.Rayavel	12	13
8	D.Rajalakshmi	15	11
9	S.Ananthi	11	13
10	M.Bharathi	11	13
11	Ms.Roopaa	14	12
12	Dr.K.C. Suresh	13	10
13	P.Ashok	15	10
14	S.Mathu Priya	14	12
15	C.Vanaja	14	13
16	J.Jayachandran	15	11
17	M.Subashini	15	11
18	Dr. B. Anbarasan	11	13
19	Mr. Prabakar Godwin James	0	4

WORKLOAD FOR INDIVIDUAL FACULTY ACADEMIC YEAR 2020-21

SL.No.	Name of the Staff	ACA2020 -21 (ODD)	ACA2020-21 (EVEN)
1	Dr.B. Sreedevi	7	7
2	M. Pachaiammal @Priya	14	10
3	G.Vinithra	12	NA
4	P. Suganthi	13	NA
5	P.Annadurai	12	11
6	G. Ilamurugan	12	8
7	P.Rayavel	12	8
8	D.Rajalakshmi	12	10

9	S.Ananthi	15	5
10	M.Bharathi	15	NA
11	Ms.Roopa	12	11
12	Dr.K.C. Suresh	10	10
13	P.Ashok	11	8
14	S.Mathu Priya	11	11
15	C.Vanaja	13	NA
16	J.Jayachandran	11	12
17	M.Subashini	12	11
18	Dr. B. Anbarasan	14	10
19	Mr. Prabakar Godwin James	3	4
20	Mr. S. MURUGESAN		10
21	Ms. H. Kavietha		11
22	Ms. G. Lekha		11
23	Mr. M. Parthiban		12
24	Mr.J. Thirunavukkarasu		8
25	Mrs.Galdys Annie Sujitha		10
26	Mrs.K. Vijayalakshmi		10
27	Mrs. V. Ashwini		4
28	Mr. M. Rajesh		11
29	Mr. Naveen Raju		13

**WORKLOAD FOR INDIVIDUAL
FACULTY**

SL.No.	Name of the Staff	ACA2021 -22 (ODD)
1	Dr.B. Sreedevi	
2	M. Pachaiammal @Priya	
3	G.Vinithra	
4	P. Suganthi	
5	P.Annadurai	
6	G. Ilamurugan	
7	P.Rayavel	
8	D.Rajalakshmi	
9	S.Ananthi	
10	M.Bharathi	
11	Ms.Roopa	
12	Dr.K.C. Suresh	
13	P.Ashok	

14	S.Mathu Priya	
15	C.Vanaja	
16	J.Jayachandran	
17	M.Subashini	
18	Dr. B. Anbarasan	
19	Mr. Prabakar Godwin James	
20	Mr. S. MURUGESAN	
21	Ms. H. Kavietha	
22	Ms. G. Lekha	
23	Mr. M. Parthiban	
24	Mr.J. Thirunavukkarasu	
25	Mrs.Galdys Annie Sujitha	
26	Mrs.K. Vijayalakshmi	
27	Mrs. V. Ashwini	
28	Mr. M. Rajesh	
29	Mr. Naveen Raju	

Sri Sai Ram Institute of Technology Chennai - 44	DEPARTMENT DOCUMENTS		EOMS CODE:		
			REV NO: 01		
	DEPARTMENT - IQAC		DATE: 01.09.2021		
ACADEMIC CALENDAR ODD Semester 2021-2022					
S.No.	Programme	Tentative Dates			
		I Year	II Year	III Year	IV Year
o1	ISO Internal Audit	16.08.2021			
02	Program Assessment Committee Meeting	27.08.2021 to 04.09.2021			
03	Department Advisory Board Meeting	08.09.2021 to 18.09.2021			
04	Budget Committee Meeting	22.09.2021			
05	Library Coordinating Committee Meeting	23.08.2021			
06	Research Advisory Board Meeting	24.09.2021			
07	IIPC Advisory Board Meeting	27.09.2021			

08	Planning and Monitoring Committee Meeting	29.09.2021
09	Grievance and Redressal Committee Meeting	Every Month - Fourth Week - Friday
10	Examination Committee Meeting	02.09.2021
11	Sairam SDG Solvathon	16.09.2021
12	Clubs and Cells Coordinating Committee Meeting	Every Month - Third Week - Friday
13	Sports Committee Meeting	Every Month - Second Week - Friday
14	ISO Internal Audit	10.12.2021 & 11.12.2021 (To be conducted)
15	Management Review Meeting	16.09.2021
16	IQAC Meeting I	06.10.2021

17	Board of Studies Meeting	Second Week of December 2021			
18	Academic Council Meeting	Second Week of September 2021			
19	Governing Council Meeting	21.10.2021 or 22.10.2021			
20	Skill Enhancement Training Program	23.08.2021 to 30.08.2021			
21	FDP & Faculty Orientation Program	30.09.2021			
22	AgriIdea Hackathon	30.09.2021			
23	Commencement of Classes *	-	19.08.2021	05.08.2021	
24	Orientation and Bridge Course	-	19.08.2021	-	-
25	Association Activities Inauguration	As per Department calendar			
26	Class Committee Meeting – I	Third week from the commencement of the semester			
27	First year Induction Day	07.10.2021*			
28	First year students Induction program	Two weeks from First year Induction Day			
29	Zeroth Project Review	-			08.09.2021 to 10.09.2021
30	Submission of Question Paper for CAT1	-	18.09.2021	28.08.2021	
31	Question Paper Scrutiny for CAT I	-	20.09.2021	30.08.2021	
32	Industrial Lecture Series/ Field Visit/Virtual IV	Every Month - Fourth Week - Saturday*			
33	Continuous Assessment Test – I		22.09.2021 to 28.09.2021	01.09.2021 to 07.09.2021	
34	CAT I Valuation		22.09.2021 to 30.09.2021	01.09.2021 to 09.09.2021	
35	Display of CAT I Marks in EDUMATE & Communication to Parents		04.10.2021	11.09.2021	

36	CAT I Result Review Meeting		04.10.2021	11.09.2021
37	Class Committee Meeting – II	One week after completion of the CAT I		
38	Intra Departmental Academic Audit – I	06.10.2021		
39	Extension and Club Activities	Second Saturday - Every Month		
40	First Project Review			28.10.2021, 29.10.2021 & 30.10.2021 (Final Year)
41	Industry Connect Event	23.10.2021		
42	Sairam Startup Expo	28.10.2021		
43	PTA Meeting	Eighth week after Commencement of classes		
44	Submission of Question Paper for CAT II		20.10.2021	29.09.2021
45	Question Paper Scrutiny for CAT II		22.10.2021	30.09.2021
46	CAT II		25.10.2021 to 30.10.2021	04.10.2021 to 09.10.2021
47	CAT II - Valuation		25.10.2021 to 02.11.2021 (For II year) 04.10.2021 to 12.10.2021 (for III and IV years)	
48	Display of CAT II Marks in EDUMATE & Communication to Parents		02.11.2021	12.10.2021
49	CAT II Result Review Meeting		08.11.2021	14.10.2021
50	Class Committee Meeting – III	One week after the completion of CAT II		
51	Intra Departmental Academic Audit – II	10.11.2021		
52	Technical Symposium	22.10.2021 to 23.10.2021		
53	ISO External Audit	1 st week of November 2021		

53	ISO Internal Audit-II	10.12.2021&11.12.2021		
54	Practical Model Examinations	08.12.2021-10.12.2021 (II yr) & 17.11.2021 - 19.11.2021(III &Final years)		
55	Submission of Question Paper for CAT - III	26.11.2021	04.11.2021	
56	Question Paper Scrutiny for CAT III	27.11.2021	05.11.2021	
57	Last date for syllabus completion -theory and practical	27.11.2021	06.11.2021	
58	CAT III	29.11.2021 to 04.12.2021	08.11.2021 to 13.11.2021	
59	CAT III Valuation	29.11.2021 to 07.12.2021	08.11.2021 to 17.11.2021	
60	Display of CAT III Marks in EDUMATE & Communication to Parents	07.12.2021	17.11.2021	
61	Students online feedback	05.12.2021	14.11.2021	
62	Professional Chapter Activities	As per department Calendar		
63	Alumni Meet	As per department Calendar		
64	Alumni Talk program	As per department Calendar		
65	End Semester Meeting	06.12.2021	18.11.2021	
66	Last working day	15.12.2021	01.12.2021	
67	End Semester Question paper feedback in EDUMATE	Within three days after the examination		
68	CAT III Result Review Meeting	07.12.2021	15.11.2021	
69	Academic Audit (Inter Departmental) – III	13.12.2021 - 20.12.2021		
70	CAT I, II & III Question Paper – Quality Audit	As per the CoE Calendar		

71	Submission of Attendance and eligible candidate list for End semester examination		01.12.2021	15.11.2021
72	End semester Practical Examinations		06.12.2021	22.11.2021
73	End Semester Theory Exam		16.12.2021	02.12.2021
74	Result Passing Board Meeting	As per the CoE Calendar		
75	IQAC MEETING II	07.01.2022		

*Tentative dates

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGG

1. Programmes

- Name of Programmes approved by AICTE
- Name of Programmes Accredited by NBA
- Status of Accreditation of the Courses
 - Total number of Courses
 - No. of Courses for which applied for Accreditation
 - Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved for . . . Courses (specify the number of courses)
- For each Programme the following details are to be given(Preferably in Tabular form):
 - Name : **ELECTRONICS AND COMMUNICATION ENGINEERING**
 - Number of seats : **120**
 - Duration : **4 YEARS**
 - Cut off marks/rank of admission during the last three years

YEAR	NO.OF SEATS	NO.OF STUDENTS ADMITTED	MIN.CUTOFF(100)	MAX CUT OFF(100)
2021-2022	120	126	53.17	92.33
2020-2021	120	85	43.00	87.67
2019-2020	120	97	53.33	92.67

- Fee (as approved by the state government) Rs.55,000/-
- Placement Facilities
- Campus placement in last three years with minimum salary ,maximum salary and average salary
- Name and duration of Programme(s)having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details:
 - Details of the Foreign University : NA
 - Name of the University : NA
 - Address : NA
 - Website : NA
 - Accreditation status of the University in its Home Country: NA
 - Ranking of the University in the Home Country : NA
 - Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country
 - Nature of Collaboration : NA
 - Conditions of Collaboration : NA
 - Complete details of payment a student has to make to get the full benefit of Collaboration : NA
- For each Programme Collaborated provide the following:
 - Programme Focus : NA
 - Number of seats : NA

- Admission Procedure : NA
- Fee (as approved by the state government) : NA
- Placement Facility: NA
- Placement Records for last three years with minimum salary, maximum salary and average salary
- Whether the Collaboration Programme is approved by AICTE? If not whether the
- Domestic / Foreign University has applied to AICTE for approval

2. Faculty

- Course/Branch wise list Faculty members:

ACADEMIC YEAR	NO.OF PERMANENT FACULTY	ADJUNCT FACULTY	PERMANENT FACULTY:STUDENT RATIO	NO.OF FACULTY EMPLOYED	NO.OF FACULTY LEFT
2021-2022	25	NIL	14.44	2	1
2020-2021	25	NIL	14.44	1	3
2019-2020	24	NIL	15	NIL	NIL

3. Profile of Vice Chancellor/ Director/ Principal/Faculty

(Enclosed - Annexure ECE faculty profile 2021-22)

- For each Faculty give a page covering with Passport size photograph
- Name
- Date of Birth
- Unique ID
- Education Qualifications

- **Work Experience**

- Teaching
- Research
- Industry
- others

- Area of Specialization

- Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma level

- **Research guidance(Number of Students) – NA**

- No. of papers published in National/ International Journals/ Conferences
- Master (Completed/Ongoing)
- Ph.D. (Completed/Ongoing)

Projects Carried out

PROJECT BATCHES (2019 -20)

S.NO	CH. NO.	NAME OF THE STUDENTS	REGISTER NUMBER	OF THE GUIDE	TITLE
1	B1	S.Vishali	12415106112	s.R.Lakshmi Devi	L TIME DRIVER SOMNOLENCE ALERT SYSTEM USING MOBILE APPLICATION
2		S.Vishalini	12415106117		
3	B2	J.Soundarya	12415106093	S.M.P.Ravi Varan	GN AND SIMULATION OF SIW ANTENNA FOR Ku-BAND APPLICATIONS
4					
		R.Aparna	12415106015	S.M.P.Ravi Varan	Calendar/ODD Semester 2021-2022

5		Lakshmi Subiksha	12415106056		
6	B3	K.R.Vikraman	12415106115		AUTOMATIC TRAFFIC VIOLATION MONITORING BASED ON IOT
7		R.Ramkishan	12415106081		
8		ji Narayana Reddy	12415106080	Mrs.K.Sangeetha	
9	B4	K.Keerthana	12415106049		SMART GLASSES ASSISTIVE SYSTEM USING AUGMENTED REALITY FOR CRITICAL ANALYSIS
10		M.Durgalakshmi	12415106030		
11		B.Monisha	12415106065	Mr.P.Saravanan	
12	B5	S.S.Abhinaya	12415106002		SMART FOG REMOVAL WITH IMPROVED QUALITY AND ACCIDENT PREVENTION
13		D.Amala	12415106008		
14		D.Oviya	12415106071	Mrs.G.P.Bharathi	
15	B6	V.G.Nandhini Sri	12415106061		PUPIL DETECTION ALGORITHM BASED ON FEATURE EXTRACTION FOR EYE GAZE
16		G.Aarthi	12415106001		
17		P.Kalai Priya	12415106045	Mrs.S.Deivanayagi	
18	B7	V.Abhirami	12415106003	Mrs.K.Sumathi SIT/PRI/Academic	TIC SURVEILLANCE SYSTEM FOR MEASUREMENT OF RADIATION PARAMETERS IN NUCLEAR REACTOR

19		Shweta Yadav	12415106089		
20		R.Mira	12415106063		
21	B8	A.R.Anitha	12415106013	Mr. Ramaprasad Maharana	REALITY BASED FLOOD REHABILITATION PRODUCT SELECTION
22		X.Milling Doniya	12415106062		
23		K.Arutselvi	12415106019		
24	B9	R.Hemalatha	12415106040	Mrs.R.Janaki	THE PERFORMANCE OF COOPERATIVE TRANSMISSION SCHEMES IN WIRELESS SENSOR NETWORK
25		T.Janani	12415106043		
26		M.Kavipriya	12415106047		
27		S.Srinithi	12415106098		
28	B10	.Balasubramanian	12415106023	Mrs.S.Deivanayagi	FPGA IMPLEMENTATION OF WINDOWED WATCHDOG TIMER USING VERILOG CODE
29		S.Anirudh	12415106010		
30		M.Dineshbabu	12415106029		
31	B11	ora Sai Manikanta	12415106902	Mrs.V.Subashini	E-MENU DISH ORDER USING WSN
32		M.Sanjeevi Raman	12415106085		

33		Anurag Kumar	12415106301		
34	B12	A.Syed Imran	12415106106	Dr.S.Rajarajan	DETECTION OF DISEASED FISH USING COMPUTER VISION
35		P.B.Kowsik	12415106053		
36		K.Jayasurys	12415106044		
37	B13	T.Subalakshmi	12415106100	s.D.Pushgara Rani	TEGRATION OF IOT WITH SELF POWERED NODES FOR RAILWAY CONDITION MONITORING
38		R.Deepa	12415106026		
39		B.Revathi	12415106082		
40		D.Akila	12415106006		
41	B14	C.R.Sridevi	12415106095	Mrs.G.Saritha	3D RECONSTRUCTION USING VELODYNE LIDAR
42		D.Sandanya	12415106084		
43		H.Harini	12415106037		
44	B15	N.Rohit Kumar	12415106083	Dr.Su.Suganthi	ATIC CLUSTERING OF TOLLGATES USING RASPBERRY PI
45		H.Suresh Krishna	12415106701		
46		G.Bharathi	12415106024		
47	B16	M.Anbarasi	12415106009	ST/PRI/Academic Mrs.V.Subashini	Calendar/ODD Semester 2021-2022 VERS: FOUR WHEELED UNMANNED IOT VEHICLE FOR FIRE EXTINGUISHING USING SONIC WAVES

48		M.Arthi	12415106017		
49		R.Rajaveni	12415106078		
50	B17	P.Vishnu Prakash	12415106118	r.G.Thamaraiselvi	BLOCK CHAIN BASED DECENTRALIZED VOTING SYSTEM
51		K.Kirubakaran	12415106051		
52		S.Pranesh	12415106075		
53	B18	M.Aishwarya	12415106005	Mr.V.Narasimman	AN ARTIFICIAL NEURAL NETWORK BASED ENERGY- EFFICIENT AND ROBUST ROUTING SCHEME FOR POLLUTION MONITORING IN WSNS
54		K.Archana	12415106016		
55		R.Subalakshmi	12415106099		
56	B19	K.Gowtham	12415106035	Mr.A.Ravindran	DETECTION OF MOBILE PHONES IN CLASSROOMS AND INFORMATION REPORT SYSTEM WITH SMS
57		K.Kamesh	12415106046		
58	B20	C.Srilakshmi Priya	12415106096	Dr.Su.Suganthi	MICROCONTROLLER BASED MONITORING AND REPROCESSING SYSTEM FOR WASTE WATER MANAGEMENT
59		P.Pavithra	12415106073		
60		T.Thayamma	12415106110		
61	B21	M.Harshini	12415106038		ADVANCED PATIENT HEALTH MONITORING SYSTEM USING WIRELESS COMMUNICATION TECHNOLOGY
62		S.Suruthi	12415106104	ST/PRI/Academic Sweetline Shamini	Calendar/ODD Semester 2021-2022

63		M.Gayathri	12415106501		
64	B22	Fakrudeen Sarfraz	12415106032	Dr.R.Prabha	VEHICLE COLLISION AVOIDANCE USING ZIGBEE AND RSSI
65		A.Krishna Kumar	12415106054		
66		Venkateshwara	12414106305		
67	B23	J.Mahaveer	12415106058	Mr. Ramaprasad Maharana	GEOLOCALIZATION OF HUMANS DURING NATURAL CALAMITIES
68		T.Pradeep	12415106074		
69		B.J.Thirugnanam	12415106111		
70	B24	S.Manimozhi	12415106060	Dr.G.Saravanan	VANET BASED AUTONOMOUS CRUISE CONTROL SYSTEM
71		J.Hema	12415106039		
72		S.L.Geetha Priya	12415106034		
73	B25	I.Shanmuganathan	12415106087	r.G.Thamaraiselvi	MODERN METHODOLOGY FOR THE DETECTION AND REMOVAL OF HERBICIDES
74		S.Syed Irfan	12415106107		
75		A.Sivabharath	12415106091		
76	B26	R.Abhilash	12415106004	Mrs.K.Siva sankari	REL APPROACH FOR PATH SELECTION AND SITUATION AWARE ALGORITHM FOR WSN

		Pacaiyyappan	15106072		
		Manoj Kumar	15106061		
79	B27	D.Deexitha	12415106027	r.N.Oral Roberts	DESIGN AND DEVELOPMENT OF ELECTROMAGNETIC ABSORBER IN X AND KU BAND FOR SATELLITE APPLICATIONS
80		R.Subashini	12415106101		
81		A.Indumathi	12415106041		
82	B28	S.Kavya	12415106048	Mr.P.Saravanan	WUSN BASED SMART AGRICULTURAL SYSTEM
83		A.Azraazakirah	12415106021		
84		B.Poojitha	12415106022		
85	B29	A.Anitha	12415106012	Mrs.K.Sumathi	AUTOMATED POLLUTION MONITORING SYSTEM WITH BLOCKCHAIN AND LoRa WAN
86		Kiruba Anandhi	12415106050		
87		A.Kousalya	12415106052		
88	B30	irthika Krishnan	12415106050	e.V.Narasimman	INTELLIGENT MELANOMA DETECTION USING RESILIENT NEURAL NETWORK
89		A.Monisha	12415106064		
90		N.Nitheeswari	12415106070		
91	B31	Ramalinga Raja	12415106079	Dr.R.Prabha	

92		A.Ezhilvarma	12415106031		
93		A.Gowtham	12415106036		
94	B32	Anirudh Srinivas	12415106011	Dr.G.Saravanan	EXERTION OF WSN AND UAV FOR PERFORMANCE MEASUREMENTS IN RAILWAY BRIDGES
95	B33	R.Dhayagheshan	12415106026		AUTOMATIC SAND THEFT DETECTION SYSTEM
96		K.Suraj Kumar	12415106103		
97		Y.Vijayakarthish	12415106114	R.Lakshmi Devi	
98	B34	uvai Saraswathy	12415106020		IOT CONTROLLED ALL TERRAIN ROCKER BOGIE ROBOT
99		H.Malligeshwari	12415106059		
100		Su.Nandhini	12415106068	S.Prasath Kumar	
101	B35	H.Sourav	12415106094		ACCIDENT ALERT SYSTEM AND NOISE FREE HORNS
102		S.Arun	12415106018		
103		J.Raghuram	12415106077	rs.G.Valarmathi	
104	B36	Bulusu Sai Kruti	12415106025		IOT BASED PARALYSIS PATIENT HEALTH CARE SYSTEM
105		K.Gayathri	12415106033	SE/CI/Academic	

106		Tabitha Jerusha	12415106108		
107	B37	B.Yashika	12415106119	Dr.S.Rajarajan	DESIGN AND DEVELOPMENT OF ENZYMATIC UREA SENSOR USING CARBON DOTS FOR THE DETECTION OF UREA
108		K.Soundariyaa	12415106092		
109		R.Janani	12415106042		
110	B38	M.Shamala	12415106086	Mrs.G.Saritha	DESIGN OF SELF REPLICATING ROBOTIC SYSTEM
111		R.Sinduja	415106090		
112		R.Tamilselvi	415106109		
113	B39	B.Aparna	12415106014	N.Oral Roberts	DESIGN OF DATA TRANSMISSION IN MUSEUM USING LIFI TECHNOLOGY
114		K.Lavanya	12415106057		
115		N.B.Vishali	2415106116		

PROJECT BATCHES (2020 -21)

S.NO	REG. NO	NAME OF THE STUDENT	TITLE OF THE PROJECT
1	412417106039	KEERTHIVASAN M B	ANT COLONY OPTIMIZATION BASED BEST ROUTE SELECTION ALGORITHM DESIGN TO WSN
	412417106078	SESH ANANTH K	
	412417106016	BASKAR RAJ R	
2	412417106014	BALAKRISHNAN.R	EFFECTIVE PROCESS OF ENERGY EFFICIENT VIRTUAL MIMO
	412417106026	GANGADHAR BABU M E	

	412417106021	DHINESH KUMAR K	COMMUNICATION DESIGNED FOR COOPERATIVE WIRELESS SENSOR NETWORKS
	412417106095	VIJAY R	
3	412417106072	SAI SUBHIKSHAA V B	DETECTION AND TRACKING OF COVID USING MIXED REALITY
	412417106049	MONISHA D	
	412417106104	YOUVASHRI J	
4	412417106032	JASLIN JENISHA J	IMAGE TO IMAGES TRANSLATION FOR MULTITASK ORGAN SEGMENTATION AND BONE SUPPRESSION IN CHEST X-RAY RADIOGRAPHY
	412417106064	PRIYADHARSHINI V	
	412417106011	U ATCHAYA	
5	412417106105	YUVHEDIKAA CV	AN AUTOMATIC COST LEARNING FRAMEWORK FOR IMAGE STEGANOGRAPHY USING DEEP NEURAL NETWORK
	412417106033	KAMALI K	
	412417106008	ANUVA R.U	
6	412417106062	PREETHI S	SEGMENTATION AND CLASSIFICATION OF TUMOUR CELL FROM FUSED IMAGES
	412417106027	GAYATHRI M	
	412417106082	SNEKA N	
7	412417106099	VISHWA PRIYA M	DEEP LEARNING FRAMEWORK FOR PPG BASED HEART RATE ESTIMATION
	412417106083	SREENIDHI M D	
	412417106089	SWATHI S E	
8	412417106029	HARANVIGNESHWARAAN S	DEEP LEARNING TECHNIQUE FOR AUTOMATED ABNORMALITY CLASSIFICATION OF HUMAN ORGANS BASED ON RETROSPECTIVE SURVEY
	412417106048	MOHANAPRASAD S	
	412417106092	VENKAT J	
9	412417106047	MOHAMMED MOHAIDEEN ASWATH S	DIABETIC RETINOPATHY DETECTION BASED ON HOUGH CIRCLE TRANSFORM
	412417106085	SRIVATHSAN V	
	412417106079	SETHURAMAN L	
10	412417106094	VIGNESHWARI S	THE SMART PHYSIOTHERAPY AID FOR CEREBRAL PALSY AND MENTALLY RETARDED PATIENTS
	412417106081	SHALINI S	
	412417106002	ABINAYA M	
11	412417106103	YOGESH PANDIAN R	AN IMPROVED FIREFLY OPTIMIZATION ALGORITHM BASED FORWARD DECISION

	412417106022	EDWIN BOSCO J	MODEL ROUTING IN URBAN ENVIRONMENTS OF VANET
	412417106006	ANISH P M	
	412417106025	FELIX RAJA A	
12	412417106075	SANGEETHA B	PERSONAL ASSISTIVE SYSTEM FOR DEAF-BLIND USING RASPBERRY PI AND MACHINE LEARNING
	412417106067	REESHMAA A V	
	412417106097	VISHALI K	
13	412417106034	KARAN MARIO S	DETECTION AND CLASSIFICATION OF BODY TUMOUR USING IMAGE PROCESSING AND NEURAL NETWORKS
	412417106036	KARTHIKEYAN K	
	412417106028	GUNALAN M	
14	412417106009	ARAVINDH R	RECEIVER INITIATED DYNAMIC DUTY CYCLE SCHEDULING SCHEMES FOR UNDERWATER WIRELESS SENSOR NETWORKS
	412417106013	BALAAJI R	
	412417106080	SHAHITH BASHA J	
15	412417106088	SURENDRAKUMAR S	COMBINING GENERATIVE AND DISCRIMINATIVE REPRESENTATION LEARNING FOR LUNG CT ANALYSIS WITH CONVOLUTION RESTRICTED BOLTZMANN MACHINES
	412417106003	AJEETH KUMAR M	
	412417101600		
	5	ANDRA NARENDRA KUMAR	

16	412417106070	ROSHINE M	EMI DUE BASED AUTOMATIC VEHICLE LOCKING SYSTEM
	412417106015	BARGAVI P	
	412417106071	SAI MEENAKSHI R	
17	412417106061	PRAVEEN KUMAR S R	MICROSTRIP PATCH ANTENNA ARRAYS FOR 5G APPLICATIONS
	412417106098	VISHNU PRIAN D P	
	412417106073	SALAMON Y	
18	412417106051	NARESH.M	ROBUST MEDIAN FILTERING FORENSICS USING IMAGE DE-BLOCKING AND FILTERED RESIDUAL FUSION
	412417106068	RENGANATHAN.S	
	412417106050	MONISH KUMAR.J	
19	412417106101	YAMINI V	AUGMENTED REALITY BASED DRIVER ASSISTANCE SYSTEM
	412417106055	PAVITHIRA A H	
	412417106100	YAMINI G N	
20	412417106007	ANUJA A P	LoRa BASED LOW POWER EMERGENCY TRACKING SYSTEM IN DISASTER AREAS
	412417106010	ARCHANA B	
	412417106063	PREMALAKSHMI P	

21	412417106041	KIRTHANADEVI M	DYNAMIC QUICK SORT ALGORITHMIC APPROACH FOR OPTIMIZING POWER AND SPATIAL MAPPING IN SOC
	412417106066	RAMYA R	
	412417106056	PAVITHRA M	
22	412417106084	SREE PURVAJA D	PLANT LEAF DISEASE DETECTION USING IMAGE SEGMENTATION AND DEEP LEARNING TECHNIQUE
	412417106024	ELLAVARASI R	
	412417106076	SARULATHA S	
	412417106043	LAKSHMIPRIYA S	
23	412417106057	PAVITHRA S	SMART TRAIN ACCIDENT DETECTION AND PREVENTION SYSTEM USING IOT TECHNOLOGY
	412417106301	GAYATHRI V	
	412417106030	S HARIPRIYA	
24	412417106093	VENKATANATHAN N	SMART GUIDANCE MODEL FOR VISUALLY IMPAIRED PEOPLE USING NIGHT VISION IMAGE
	412417106102	YOGESH C	
	412417106004	AJITHKUMAR V	
25	412417106096	VIJAYALAKSHMI V	DEEP NUERAL NETWORK BASED HUMAN

	412417106020	DEEPIKA K S	ABNORMAL ACTIVITY DETECTION SYSTEM FOR MULTIMEDIA APPLICATION
	412417106042	R.KOKILA	
	412417106091	VAISHNAVI S	
26	412417106044	MALATHI S	HYPERSPETRAL TISSUE IMAGE SEGMENTATION USING HSV AND DEEP CROSS PREDICTION MODEL
	412417106045	MANISHA M	
	412417106090	UDHAYADHARSHINI T	
27	412417106086	V.SUBASRI	A BLOCKCHAIN BASED DECENTRALIZED SYSTEM TO FOR THE TRANSPARENCY OF ORGANIC FOOD
	412417106069	K.ROSELINE	
	412417106038	U.KEERTHIKA	
28	412417106087	SURAJ KUMAR AC	RAILWAY PASSENGER HEALTH MONITORING SYSTEM USING WIRELESS SENSOR NETWORKS
	412417106066	PURUSHOTHAMAN.V	
	412417106032	ILAYARAJ.B	
	412417106040	KENWIN DASS.C	
29	412417106074	SANDHIYA J	AUTOMATIC PIXEL LEVEL DEEP

	412417106019	DEEPA R	SEGMENTATION FOR CARDIAC BIVENTRICLE USING IMPROVED END TO END ENCODER DECODER NETWORK
	412417106054	PAVADHARSHINI S	
30	412417106037	KAVITHA S	A VANET-IOT BASED ACCIDENT DETECTION AND MANAGEMENT SYSTEM FOR EMERGENCY RESCUE SERVICES IN A SMART CITY
	412417106046	MATHUMITHA N	
	412417106023	ELAVARASI E	
31	412417106058	POLU RAHUL SAINADH REDDY P	CNN APPROACH FOR SPINE MRI IMAGE SEGMENTATION
	412417106059	PRASANNAH VENKATESH U	
	412417106017	BELLAMKONDA RAKESH	
32	412417106077	SATHISH KUMAR G	DESIGN AND IMPLEMENTATION OF WEARABLE SENSOR AND NETWORK SYSTEM
	412417106035	KARTHIK P	
	412417106001	ABDUL HADI A L	

• **Patents (Filed & Granted)**

PATENT DETAILS (2019 – 2020)

S.NO	Patent Application No	Patent title	Status of the patent	Inventor Name	Patent filed date	Patent Published Date
1.	01941054595	IoTBased Train Monitoring System Through Data Acquisition Techniques	Published	Dr.R.Prabha	31/12/2019	24/01/2020

PATENT DETAILS (2020 – 2021)

S.NO	Patent Application No	Patent title	Status of the Patent	Inventor Name	Patent filed Date	Patent Published Date
1.	202011007303	Smart- Machines: Virtual Automated Teller Machines	Published	Dr.P.Saravanan	20/02/2020	6/3/2020
2.	202041018449	Vehicular Pollution Monitoring And Risk Management System	Published	Ms.D.Deivanayagi Ms.D.Pushgararani	30/04/2020	5/6/2020
3.	202041028433	Smart Guardian: Helps Parents To Keep Kids In Safe Boundary Sounding Alarm Using Rssi And Wireless Communication System	Published	Dr.Su.Suganthi	3/7/2020	17/07/2020

4.	202041027221	evlar Fiber Reinforced Composite	Published	Dr.G.Saritha	26/06/2020	10/7/2020
5.	202041031870	ic Public Transit Pods p And Drop By Power Line Communication	Published	Dr.G.Saravanan	24/07/2020	21/08/2020
6.	202041032199	Implementation Of lematics By Wpan For Locomotives Path rveillance Using Solar Powered Vehicle	Published	G.Valarmathi	27/07/2020	25/09/2020
7.	202041040599	less Sensor Pillow For Sleep Monitoring And Gesture Recognition stem Using Embedded Controller	Published	Dr.G.ThamaraiSelvi	18/09/2020	25/09/2020
8.	202041042710	E-Glove	Published	Dr.G.Saravanan	1/10/2020	9/10/2020
9.	202041040599	less Sensor Pillow For Sleep Monitoring And re Recognition System Embedded Controller	Published	Dr.G.Thamarai selvi	18/09/2020	25/09/2020

10.	2020102302	Underwater Robots design control mechanism using the swarm optimization .	Published	Dr.G.Thamarai selvi	08/07/2020	16/09/2020
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PATENT DETAILS (2021 – 2022)

S.NO	Patent Application No	Patent title	Status of the Patent	Inventor Name	Patent filed Date	Patent Published Date
1.	352007-001	Device For Face Identification	Published	Dr.R.Prabha	25/10/2021	06/12/2021
2.	2020103056	AI Based Outdoor Navigation and Location Announcement Guidance System For Blind	Published	Dr.R.Prabha	21-02-2021	7/5/2021
3.	2021100959	Identification Of Bio Markers For Predictive Immunity In Infectious Diseases Using Smart Iot Sensors And Deep Learning	Published	Dr.G.Sartiha	14/4/2021	20/4/2021
4.	347557001	AI Powered Self Adjustable Tool	Published	Dr.R.Prabha	08.08.2021	10/15/2021
5.	202141007214	AI Based Automation For Drip Irrigation System	Published	Dr.P.Saravanan	20-02-21	26/02/2021
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6.	202141026441	ded Based Smart Gardening System	Published	S. Sweetline Shamini	14/06/2021	02/07/2021
7.	202141021300	rt Multimode Electric Cycle	Published	V. Subashini	11/5/2021	11/6/2021
8.	202041031869	Purpose Surveillance Based Radar System With Camera Using Embedded	Published	V. Subashini	24/07/2020	21/08/2020

- Technology Transfer

- **Research Publications (No.of papers published in National/International Journals/Conferences)**

ACADEMIC YEAR 2019-20

S.NO	TITLE OF THE PAPER	AUTHOR NAME	NAME OF THE JOURNAL	YEAR OF PUBLICATION	ISSN/ISBN number	No of citations	H-Index	Scopus/ugc
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1	IOT controlled all terrain rocker bogie robot	Mr.Prasath kumar	International Journal of Recent Technology and Engineering™	Vol-8,issue 2S5	2277-3878 (Online)			Scopus
2	Advanced Patient Health Monitoring System Using Power Line Communication Technology	Ms.Sweetline Shamini	International Journal of Recent Technology and Engineering™	Vol-8,issue 2S5	2277-3878 (Online)			Scopus
3	Irovers: Real Time Unmanned FourWheeled Iot Vehicles forFire Monitoring andExtinguishing Using Sonic Waves	Ms.v.subashini	International Journal of Recent Technology and Engineering™	Vol-8,issue 2S5	2277-3878 (Online)			Scopus
4	Pupil Detection Algorithm Based on Feature Extraction for Eye Gaze	Ms.Deivanayagi	International Journal of Recent Technology and Engineering™	Vol-8,issue 2S5	2277-3878 (Online)			Scopus
5	Lifetime Estimation of WSN with Enhanced Pairwise Directional Geographic Routing	G.Saravanan, R.Lakshmi Devi	International Journal of Recent Technology and Engineering™	Volume-8, Issue-3, September 2019	ISSN: 2277-3878,			Scopus
			SI/IRTE Academic Calendar (IRTE)		ODD Semester 2021-2022			Page: 50 of

6	Ultrasonic Sensor Based Haptic Feedback Navigational System for Deaf - Blind People	G. Saravanan, K. Devibalan	International Journal of Recent Technology and Engineering (IJRTE)	Volume-8 Issue-5, January 2020	ISSN: 2277-3878,			Scopus
7	Segmentation of Human Vertebral Spine -FEA Analysis	1.G.Valarmathi 2. N. Oral Roberts	Test Engineering & Management	Feb 2020, Vol-82, Page no-11217-11226	Issn-0193-4120			UGC
8	Patient Monitoring using Pan of Wireless Intelligent Sensors	Ms.V.Subashini	Test Engineering & Management	Feb 2020, Vol-82, Page no-11227-11231	Issn-0193-4120			UGC
9	Lab-on-Chip Technology: A Review on Future Scope in Biomedical Applications	Dr.Su.Suganthi	Test Engineering & Management	Feb 2020, Vol-82, Page no-11232-11235	Issn-0193-4120			UGC
10	Integration for IoT with self powered nodes for Railway condition monitoring	D.Pushgara Rani	International Journal of Recent Technology and Engineering	Jan 2020				ugc

11	Detection of RBC Agglutination In Blood Typing Tests Using Integrated Light Eye Technology (ILEyeT)	Dr.G.Thamara i Selvi	Journal of Advanced Research in Dynamical and Control Systems-JARDCS	2020	DOI: 10.5373/JARDCS/V12 SP4/20201668			SCOPUS
12	Wireless Non-Line-of-Sight Electronic Automation using Sonar based Gesture Detection for Human Machine Interaction"	S.Rajaraman	"Advances in Mathematics: Scientific Journal".	May 2020	1857-8365			SCOPUS
13	Deployment of Nano-Sat at Low Altitude for Atmospheric Parameter Analysis	Dr.S.Rajaraman	International Research Journal of Engineering and Technology- IRJET	April 2020	2495-0056			UGC
14	Node Collapse Discover In Mobile Wireless Networks: A Prospective Approach	Mr.V.Narasimman	International Journal of Psychosocial Rehabilitation, Vol. 24, Issue 10, 2020	2020	ISSN: 1475-7192			scopus

15	IoT based Smart Healthcare Monitoring Systems: A Literature Review	Dr.R.Prabha	European Journal of Molecular & Clinical Medicine Volume 7, Issue 11, 2020	2020	ISSN 2515-8260			scopus
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2020-21

s.No	TITLE OF THE PAPER	AUTHOR NAME	NAME OF THE JOURNAL	YEAR OF PUBLICATION	ISSN/ISBN number	No of citations	H-Index	SCOPUS/UGC
1	Li-Fi Based Underwater Video Communication	R.Janaki, V.Subashini, G.Valarmathi, K.Sivasankari, Dr.Su.Suganthi	The Lepidoptera Research Foundation. June 2020	Volume 51 (2): 946-952- june 2020	ISSN 0022-4324 (print) ISSN 2156-5457 (online)			SCOPUS
2	Smart Medication Box And Patient Health Monitoring System With Iot	G.Saravanan, R.Lakshmi Devi	Journal of Critical Reviews	Volume 7 (19) June 2020	ISSN-2394-5125(Online)			SCOPUS

3	Integrating Privacy Preserving In Internet Of Things To Ensure Data Security Using Vertical Partitioning Approach	Dr.R.Prabha	Journal of Critical Reviews	vol 7,issue 14,2020	ISSN-2394-5125			SCOPUS
4	Machine Learning Basedhome Energy Management System	Ms.V.Subashini, R.Janaki, G.Valarmathi,Dr. Su.Suganthi	Journal of Critical Reviews	VOL 7,ISSUE 3,2020	ISSN-2394-5125			UGC
5	A Novel Rescubot For Borehole Accidents	Ms.K.Sumathi	IOP Conference Series: Materials Science and Engineering	872 (2020) 012044	doi:10.1088/1757-899X/872/1/012044			SCOPUS
6	Node Collapse Discover In Mobile Wireless Networks: A Prospective Approach	Mr.Narasimman	International Journal of Psychosocial Rehabilitation	vol 24,issue 10,Pages: 1125-1128	ISSN:1475-7192,DOI: 10.37200/IJPR/V24I10/PR300133			SCOPUS
7	Multiband 8 Element Mimo Antenna Array With Orthogonal Circular Polarization For Sub 6 Ghz Cellular Applications	Ramaprasad Maharana , P. Saravanan R. Senthil Kumar &T. Muthamizhan	International Journal of Solid State Technology	Vol. 63, No. 3,(2020)	ISSN: 0038-111X			SCOPUS

8	Efficiently Arranged Wide Band 10 Element Mimo Antenna Array For Sub 6 Ghz Cellular Applications	Mr. R.P.Maharana, Mr . N. Oral Roberts & Mr.S. Prasath Kumar	Journal of Green Engineering (JGE)	Volume-10, Issue-10, October 2020	ISSN-1904-4720			SCOPUS
9	An Efficient Scheduling Algorithm Using Firefly Algorithm In Cloud Computing	Dr.R.Prabha	Journal of Critical Reviews	vol 7,issue 14,2020	ISSN-2394-5125			SCOPUS
10	Image Tampering Detection Based On Combined Feature Extraction Methods	Ms.K.Sangeetha	International Journal of Advanced Trends in Computer Science and Engineering	vol 9,no.5,sep -oct 2020	issn: 2278-3091,			SCOPUS
11	Efficient And Safe Application For Facial Transferwith Deep Generative Adversarial Network	Ms.D.Pushgararani	Journal of Green Engineering (JGE)	vol 10 issue 10,oct 2020	8798-8812			SCOPUS
12	A Queuing Theory Based Efficient Approach For Fair Networking Capabilities In Underwater Sensor Nodes	Dr.G.Thamarai Selvi	Journal of Green Engineering (JGE)	vol 10 issue 10,oct 2020	8798-8812			SCOPUS

13	Epilepsy Seizure Alert System using IoT	Ms.Sweetline Shamini	International Journal of Emerging Trends in Engineering Research	vol 8,no 9,sep 2020	2347-3983			SCOPUS
14	A Heuristic Data Aggregation In Heterogeneous Low Power Devices For Internet Of Things	Dr.Suganthi Su	Journal of critical Reviews	Vol 7, Issue 14, 2020	ISSN-2394-5125			SCOPUS
15	An efficient energy conservative protocol in wireless sensor networks	V.Subashini	Journal of Green Engineering (JGE)	vol 10 issue 10,oct 2020	9933-9943			SCOPUS
16	Performance Improved Medical Signal Filters with Doctor's Assistance System through Augmented Reality for Clinical Investigation	Ramaprasad Maharana , P. Saravanan	International Journal of Solid State Technology	Vol. 63, No. 3,(2020)	ISSN: 0038-111X			SCOPUS
17	Motion discovery through change discovery filter matrix derived from the discrete cosine transform	Dr.G.Thamarai Selvi	Materials Today Proceedings	https://doi.org/10.1016/j.matpr.2020.10.696	2214-7853			Elsevier-scopus
			SIT/PRI/Academic	Calendar/ODD Semester 2021-2022				Page: 56 of

18	Contrasting the performance metrics of discrete transformations on digital image steganography using artificial intelligence	Dr.G.Thamarai Selvi	Materials Today Proceedings	https://doi.org/10.1016/j.matpr.2020.12.076 2214-7853/2021	2214-7853			Elsevier-scopus
19	A review of classification algorithms in machine learning for medical IOT	Dr.R.Prabha Ms.S.Deivanyagi Ms.D.Pushgararani	International Journal of Pharmaceutical Research	Jan-mar 2021 DOI:10.31838/jipr/2021.13.01.448	0975-2366			Scopus
20	IoT based Smart Healthcare Monitoring systems:A Literature Review	Dr.R.Prabha	European Journal of Molecular & Clinical Medicine	Vol 7,issue 11,2020	2515-8260			scopus
21	River Pollution Control System through efficient monitoring of Industrial Effluent Discharge	Ms.R.Lakshmi Devi, Dr.G.Saravanan	Journal of Green Engineering(JGE)	Vol 10,issue 10,oct 2020	9944-9952			Scopus
22	A smart Neural Schema based volitional Control for paralysed people	Dr.Su.Suganthi Ms.G.Valarmathi , K.Sivashankari, V.Subashini R. Janaki	European Journal of Molecular&Clinical Medicines	Vol 07,Issue 2,2020	2515-8260			Scopus

23	Early Prediction of sepsis using clinical data	Mrs.R.Lakshmi Devi	IEEEICSCA N 2020	Jan 2021	9781 7281-6202-7			scopus
24	Design strategies and model analysis of power amplifier using various simulators for 5.5 Ghz WiFi technology	Dr.G.Saritha	Materials Today	oct 2020	2214-7853			scopus
25	Power generation using wind turbine and solar energy	Dr.G.Saritha	European Journal of Molecular&Clinical Medicines	Vol 07,Issue 11,,2020	2515-8260			Scopus
26	Assessment and Prioritization of the Critical Factors Triggering Road Accidents in India	Dr.G.Thamarai Selvi	international journal of safety and security engineering	vol 11,no2, April 2021	PP 201-211			Scopus
27	Improving Performance of Speech Processing using Hybrid Pitch Estimation in Machine Learning	Dr.R.Prabha	Annals of R.S.C.B.,,	Vol. 25, Issue 4, 2021, Pages. 13742 - 13751	ISSN:1583-6258			Scopus

28	CNN algorithm for plant classification in deep learning	G. Valarmathi , S.U. Suganthi, V. Subashini , R. Janaki , R. Sivasankari , S. Dhanasekar	Materials Today Proceedings, 2021	46(2021)	3684-3689			scopus
29	IoT based controlled decomposition process for organic materials	K. Sangeetha , S. Sweetline Shamini, R. Lakshmi Devi	Materials Today Proceedings, 2021	46(2021)	3684-3689			scopus
30	Coal mine safety system for mining workers using LORA and WUSN	S.U. Suganthi , G. valarmathi, V. Subashini, R. Janaki, R. Prabha	Materials Today Proceedings, March 2021	46(2021)	3684-3689			scopus
31	Survey on regression analysis of photoplethysmography using machine learning	V. Subashini R. Janaki, G. Valarmathi, Su Suganthi, R. Prabha, K. Sivasankari, S. Kavitha	Materials Today Proceedings, 2021	46(2021)	3684-3689			scopus
32	<i>Swarm for solar energy conservation</i>	Prasath kumar,A.Ravindiran,N.Oral Roberts	Materials Today Proceedings, March 2021	46(2021)	3924-3928			scopus

33	Classification Of Defected Spine And Segmentation Using Deep Learning	Ms.G.Valarmathi	Turkish Journal of Physiotherapy and Rehabilitation; 32(2)	2021	ISSN 2651-4451 e-ISSN 2651-446X			Scopus
34	Computational analysis of INVELOX wind turbine to analyze the venturi velocity by change the parameter of diffuser	Deivanayagi, S.	Materials Today: Proceedings.	2020	4245–4249			scopus
35	Markov transition and smart cache congestion control for IoT enabled wireless mesh networks	Dr.G.Saravanan	Peer to Peer Networking Springer	Aug 2020	14,58-68			Scopus
36	Digital elevation model and terrain mapping using LiDAR	Dr.G.Saritha	Materials Today: Proceedings	2020	46, pp. 3979–3983			scopus
37	Gain enhancement by utilizing hexagonal reflector based optimized textile antenna	Dr.R.Prabha	Journal of ambient intelligence and humanised computing	Feb-21	Springer-1868-5137			scopus

38	<i>IoT Controlled Aquaponic System</i>	Dr.R.Prabha	6th International Conference on Advanced Computing and Communication Systems, ICACCS 2020	2020	pp. 376–379, 9074401	2	2	scopus
39	Sensor Based Waste Water Monitoring for Agriculture Using IoT	Dr.R.Prabha	6th International Conference on Advanced Computing and Communication Systems, ICACCS 2020	2020	436–439, 9074292	4	2	scopus
40	Revolutionizing education system with interactive augmented reality for quality education	Dr.R.Prabha	Materials Today: Proceeding.	2020	46, pp. 3860–3863	1	2	scopus

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR 2021-22

S.No	TITLE OF THE PAPER	AUTHOR NAME	NAME OF THE JOURNAL	YEAR OF PUBLICATION	ISSN/ISBN number	No of citations	H-Index	SCOPUS/UGC
1	<i>Smart Train Accident Detection and Prevention System Using Iot Technology</i>	Mrs.R.Lakshmidevi, Dr.G.Saravanan, K.Sangeetha	International Conference on System, Computation and Networking, ICSCAN 2021	Sep-21	IEEE explore			SCOPUS
								SCOPUS
2	Raspberry pi based secured cloud data	Mr.S.Prasath Kumar	Journal of Physics, Conference series	2021	1964 (2021) 042101			SCOPUS
3	Design of hybrid deep learning approach for Covid-19 infected lung image segmentation	Dr.R.Prabha	Journal of Physics: Conference Series	2021	2040(1), 012016	2	2	SCOPUS
4	<i>Improved Cluster Head Selection for Data Aggregation in Sensor Networks</i>	Dr.R.Prabha	2021 7th International Conference on Advanced Computing and Communication Systems, ICACCS 2021	2021	pp. 1356–1362, 9442048			SCOPUS

- No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)

- **BOOK CHAPTER**

• **BOOKS PUBLISHED:**

S.N O	NAME OF THE STAFF	TITLE OF THE BOOK	ISBN NUMBER	PUBLISHER DETAIL	YEAR OF PUBLI CA -TION
1	Ms.G.SARITHA	HIGH SPEED NETWORK S	9789387748 132	SAMS PUBLICATIO NS	2018
2	Ms.G.SARITHA	MOBILE COMPUTI NG	9789387748 101	SAMS PUBLICATIO NS	2018
3	Dr.G.Thamarai Selvi& Dr.G.Saravanan	Emerging technologie s in engineering research- chapter 4 Embedded technology	978-93- 5419-211-1	Technical Research publications	oct 2020
4	Dr.R.Prabha	Emerging technologie s in engineering research- chapter-9- Block Chain technolohy	978-93- 5419-211-1	Technical Research publications	oct 2020
5	Dr.R.Prabha	Data Communica tion and Networking		Jayalakshmi Publications	2020

6	Ms.D.Pushgarani	Management Analytics and software Engg- chapter-24 Assessment and Prioritization of Business Analytics Projects	978-81-950305-5-2	ESN publications	jan 2021
7	Ms.Deivanayagi	Management Analytics and software Engg- Business Analytical Tools and Data Collection Methods -chapter 25	978-81-950305-5-2	ESN publications	jan 2021
8	Ms.Deivanayagi	Chapter 25: Vehicular Ad-Hoc Networks	978-93-5419-211-1	technical Publications	Dec 2020
9	Ms.R.Janaki&Ms.K.Sivasankari	Artificial Intelligence of things	978-93-5419-211-1	technical Publications	Dec 2020

10	Dr.G.Saritha	IOT enabling smart city services using micro controller(book chapter)-in recent trends in computer science and information technology book	978-81-947019-6-5	ESN publications	Jan 2021
11	Dr.G.Saritha	Covid-19 and its impacts-book chapter	978-81-947019-4-1	ESN publications	Jan 2021
12	Ms.G.Valarmathi,Ms.V.Subashini	Neural Networks	978-93-5419-211-1	technical Publications	Dec 2020
13	Dr.G.Thamarai Selvi	Intelligent sustainable systems-proceedings ICISS 2021-Springer	ISBN:978-981-162421-6	INTERNET OF THINGS-BASED DESIGN OF SMART SPEED CONTROL SYSTEM FOR HIGHWAY TRANSPORTATION VEHICLES	2021-PAGE NO 257
14	Ms.G.Valarmathi	Recent trends in renewable energy sources-proceedings ICRES-2020	ISBN 978-981-16-0668-7	Human Vertebral Spine Segmentation Using Particle Swarm Optimization Algorithm	2021/page no 79
15	Dr.S.Rajarajan	Industrial IoT and intelligent manufacturing	book chapter-springer	issn:2195-0911	

9. Computing Facilities

- Internet Bandwidth-
- Number and configuration of System

For 64system
Processor-Intel core E7400 @ 2.8GHz
RAM- 2 GB
OS-Windows 7,64 bits XP

For 5 system
Processor-Intel @ i5 8400CPU @ 2.8GHz
RAM- 2 GB
OS-Windows 10,64 bit

- Total number of system connected by LAN- 69
- Total number of system connected by WAN-
- Major software packages available
 - i) TANNER
 - ii) MATLAB-15 USER
- Special purpose facilities available (Conduct of online Meetings/Webinars/Workshops, etc.)

SAI RAM INSTITUTE OF TECHNOLOGY
An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi
Accredited by NBA and AACSB | An ISO 9001:2015 Certified and ISO 14001:2015 Certified
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

In association with
THE INSTITUTION OF ELECTRONICS & TELECOMMUNICATION ENGINEERS (IETE)

Cordially invites you to grace the
Inaugural function of
Ideathon 2021
18/11/2021 & 19/11/2021

Hosting on ZOOM inaugural on 18th November, 2021 @ 9.30 AM

Ms. LAVANYA KUMARAVEL
Embedded Software Engineer, Uniqtechnologies, Chennai
has kindly consented to be the Chief Guest and to deliver the Inaugural address

Dr. P. Saravanan
Co-ordinator

Dr. S. Thamarai Selvi
HOD/ECE

Dr. K. Palani Kumar
Principal

Shri. Sai Prakash LeoMuthu
Chairman & CEO
Sairam Institutions

SAI RAM INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

WEBINAR ON E-VEHICLES

Hosting on Zoom 25.10.2021, Monday @ 11.00 AM to 12.30 PM

Resource Person
Mr. Kasipandian Kasirajan
Senior Lecturer, Faculty of Engineering and Built Environment
Mahsa University, Malaysia

Mr. S. Pragasam
Co-ordinator

Dr. S. Thamarai Selvi
HOD/ECE

Dr. K. Palani Kumar
Principal

Dr. K. Perumuran
Director
Sairam Institutions

Shri. Sai Prakash LeoMuthu
Chairman & CEO
Sairam Institutions

The Institution of Engineers (India)
Kancheepuram Local Centre

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Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in

Department of Electronics and Communication Engineering

Three Days Workshop on ARDUINO PROGRAMMING USING EMBEDDED C

25.11.2021 to 27.11.2021
Smart Class Room

Expert Talk by
Mr. E. ARUN KUMAR
Vice President, Rotech Solutions Pvt Ltd

Ms. G. Valarmathi
Co-ordinator

Dr. S. Thamarai Selvi
HOD/ECE

Dr. K. Palani Kumar
Principal

Shri. Sai Prakash LeoMuthu
Chairman & CEO

- Facilities for conduct of classes/courses in online mode (Theory & Practical)
The classes were conducted for theory and practical through Google meet.

Stream Classwork People Grades

SITEC2022A-EVEN(2020-2021)

Meet
Join
Visible to students

Class code
yxbiavp

Upcoming
No work due soon
View all

Announce something to your class

SARITHA G posted a new assignment: EC 8681 MP MC RECORD
Jun 28, 2021

SWEETLINE SHAMINI S posted a new assignment: VLSI RECORD
Jun 28, 2021 (Edited Jun 29, 2021)

Thamarai Selvi posted a new assignment: CAT3-EC8651 TLRP QP
Jun 25, 2021

Thamarai Selvi posted a new assignment: CAT3-MG8591 POM QP
Jun 24, 2021

calendar.google.com/calendar/u/1/r/day/2021/2/16?tab=mc&pli=1

Calendar Today < > February 16, 2021

16

9:30 AM - 12:00 PM	Vasant Panchami		
10:40 - 11:40 AM	EC8691 MP/PC Class		
11:50 AM - 12:50 PM	POM-MG8591/SITEC2022B-EVEN-(2020-2021) B	Engineering Physics	
1:40 PM - 2:40 PM	EC8651 TLRP Online class	EC8651-TLRP CLASS	Project Work
2:50 - 3:50 PM	AE CLASS		
2:50 - 3:50 PM	TECHNICAL ENGLISH I		

Time Insights
TUESDAY, FEB 16, 2021
0 hr in meetings (avg: 0 hr)
More insights

My calendars
Janaaki R
20ESGE201 Engineering P...

- Innovation Cell

- Social Media Cell

Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments

- **Teaching Learning Process**

- Curricula and syllabus for each of the Programmes as approved by the University

(ENCLOSED - ANNEXURE II)

- Academic Calendar of the University

- Academic Time Table with the name of the Faculty members handling the Course

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ODD 2021-2022(With effect from 16.09.2021)

HALL NO: IS2103

CLASS/SEC: II ECE / A

CLASS COORDINATORS:Dr.G.Saritha,Mr.S.Surendranath

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am	11.55am - 12.35pm	L U N C H	1.15pm- 2.05pm	2 .05pm -2.55pm	3.10pm- 4.00pm
DAY								
Mon	20ECPC30 2/EMF	20BSMA3 01/LPDE	20ECPC30 1/DE	20ECPW 301/RP		20ECPL301 /DE LAB		
Tue	20MGMC 301/COI	20ECPC3 01/DE	20BSMA30 1/LPDE	20ECPC 303/SS		20ECPC3 02/EMF	20BSMA3 01/LPDE	20ECPC 303/SS

Wed	20BSMA3 01/LPDE	20ECPC3 02/EMF	20ECPW301/RP LAB		20ECTP3 01/SE	20ECPC3 02/EMF	20ECPW 301/RP
Thur	20ECPC3 03/SS	20ECPW3 01/RP	20ECPC30 1/DE	20ECPC3 02/EMF	20BSMA3 01/LPDE	20ECPC3 01/DE	LIB
Fri	20ECPW3 01/RP	SKILL RACK	20ECPC30 3/SS	20ECPC 301/DE	20ECPC3 03/SS	20ECTE301/LIVE IN LAB	

S.No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	20ECP C301	Digital Electronics	Mr.S.Surendranat h/ECE	3	0	0	3
2	20ECP C302	Electromagnetic Fields	Dr.G.Saritha/ECE	3	1	0	4
3	20ECP C303	Signals and Systems	Dr.G.Thamarai Selvi/ECE	3	1	0	4
4	20ECP W301	R Programming with Lab	Mr.M.Gnanapraka sam/IT	4	0	2	4
5	20BSM A301	Linear Algebra, Partial Differential Equations and Transforms	Mr.V.Balaji/Maths	3	1	0	4
PRACTICAL							

6	20ECP L301	Digital Circuits Laboratory	Mr.S.Surendranat h/ECE	0	0	3	1. 5
7	20ECT E301	Live in Lab-I	Ms.D.Pushgara Rani/ECE	0	0	2	1
VALUE ADDITIONS III							
8	20ECT P301	Skill Enhancement	Mr.R.P.Maha Rana/ECE	0	0	2	1
9	20MG C301	Constitution of India	Ms R.Lakshmi Devi/ECE	2	0	0	0

Library:MsK.Sivasankari

Skill Rack:Mr.S.Venkataraman

HALL NO: IE1105

CLASS/SEC:II ECE / B

CLASS

COORDINATORS:Ms.S.Deivanayagi,Mr.R.P.Maha Rana

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am	11.55am- 12.35pm	L U N C H	1.15pm- 2.05pm	2.05pm -2.55pm	3.10pm- 4.00pm
DAY								
Mon	20ECPC30 1/DE	20BSMA3 01/LPDE	20ECPW301 /RP LAB			20ECTP30 1/SE	20ECPC303 /SS	20ECPC302 /EMF
Tue	20ECPC30 2/EMF	20ECPC3 03/ SS	20BSMA3 01/LPDE	20ECPW 301/RP		20ECPL301 /DE LAB		
Wed	20BSMA3 01/LPDE	20ECPC30 2/EMF	20ECPC3 01/DE	20ECPW 301/RP		SKILL RACK	20ECPC301/ DE	20ECPW30 1/RP
Thur	20ECPW3 01/RP	20ECPC3 03/ SS	20ECPC3 01/DE	20ECPC3 02/EMF		20ECPC3 03/ SS	LIB	20BSMA30 1/LPDE
Fri	20ECPC3 03/	20MGMC 301/COI	20ECPC30 2/EMF	20ECPC 301/DE		20BSMA3 01/LPDE	20ECTE301/LIVE IN LAB	

S.No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	20ECPC301	Digital Electronics	Ms.S.Deivanayagi/ECE	3	0	0	3
2	20ECPC302	Electromagnetic Fields	Mr.S.Venkataraman/ECE	3	1	0	4

3	20EPC303	Signals and Systems	Ms.R.Janaki/ECE	3	1	0	4
4	20ECPW301	R Programming with Lab	Mr.L.Antony Rosewelt/CSE	4	0	2	4
5	20BSMA301	Linear Algebra, Partial Differential Equations and Transforms	Ms.Sherlin Nisha/Maths	3	1	0	4
PRACTICAL							
6	20ECP301	Digital Circuits Laboratory	Ms.S.Deivanayagi/ECE	0	0	3	1.5
7	20ECTE301	Live in Lab-I	Ms R.Lakshmi Devi/ECE	0	0	2	1
VALUE ADDITIONS III							
8	20ECTP301	Skill Enhancement	Dr.P.Saravanan/ECE	0	0	2	1
9	20MGMC301	Constitution of India	Ms.D.Pushgara Rani/ECE	2	0	0	0

Library:Ms.V.Subashini
Kumar

Skill Rack: Mr.S.Prasath

HALL NO: IW2112

CLASS/SEC: III ECE /A

CLASS COORDINATORS: Ms.K.Sangeetha, Ms.K.Sivasankari

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am	11.55am- 12.35pm		1.15pm- 2.05pm	2.05pm -2.55pm	3.10pm- 4.00pm
DAY					L U N			
Mon	OIT551/ OIT552 DBMS/CC	EC8551/ CN	EC8553/ DTSP	EC8501/ DC		EC8562/DSP LAB		
			SIT/PRI/Academic Calendar			/ODD Semester 2021-2022		

Tue	EC8073/ EC8074 ME/RPA	OIT551/ OIT552 DBMS/CC	EC8501/ DC	EC8073/ EC8074 ME/RPA	C H	EC8551/ CN	EC8552/ CAO	EC8553/ DTSP
Wed	EC8553/ DTSP	EC8563/CN LAB				OIT551/ OIT552 DBMS/CC	SKILL RACK	EC8501/D C
Thur	EC8073/ EC8074/ME /RPA	EC8553/ DTSP	EC8552/ CAO	EC8551/ CN		EC8561 CS LAB		
Fri	EC8501/DC	EC8073/ EC8074 ME/RPA	EC8552/ CAO	OIT551/ OIT552 DBMS/CC		EC8553/ DTSP	EC8552/ CAO	EC8551/ CN

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	EC8501	Digital Communication	Ms.R.Lakshmi Devi /ECE	3	0	0	3
2	EC8551	Communication Networks	Ms.R.Janaki/ECE	3	0	0	3
3	EC8552	Computer Architecture and Organization	Mr.S.Swathi/CSE	3	0	0	3
4	EC8553	Discrete-Time Signal Processing	Ms.K.Sangeetha/ECE	4	0	0	4

5	EC8073	Medical Electronics	Ms.S.Sweetline Shamini/ECE Ms.S.Deivanayagi/ECE	3	0	0	3
6	EC8074	Robotics and Automation System	Ms.K.Sivasankari/ECE	3	0	0	3
7	OIT551	Database Management Systems	Ms.S.Vidhya/CSE Mr.Ulaganathan/CCE	3	0	0	3
8	OIT552	Cloud Computing	Ms.R.Prabhavathi/IT	3	0	0	3
PRACTICAL							
9	EC8561	Communication Systems Laboratory	Ms.D.Pushgara Rani/ECE	0	0	4	2
10	EC8562	Digital Signal Processing Laboratory	Ms.K.Sangeetha/ECE	0	0	4	2
11	EC8563	Communication Networks Laboratory	Ms.R.Janaki/ECE	0	0	4	2

Skill Rack:Ms.S.Sweetline Shamini

HALL NO: IW2104

CLASS/SEC:III ECE / B
Shamini

CLASS COORDINATORS:Dr.R.Prabha,Ms.S.Sweetline

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am	11.55am- 12.35pm		1.15pm- 2.05pm	2.05pm- 2.55pm	3.10pm- 4.00pm
DAY					L			

Mon	OIT551/ OIT552 DBMS/CC	EC8553/ DTSP	EC8551/ CN	EC8552/ CAO	U N C H	EC8561 CS LAB		
Tue	EC8073/ EC8074 ME/RPA	OIT551/ OIT552 DBMS/CC	EC8501/ DC	EC8073/ EC8074 ME/RPA		EC8563/CN LAB		
Wed	EC8551/ CN	EC8501/ DC	EC8552/ CAO	EC8553/ DTSP		OIT551/ OIT552 DBMS/CC	EC8553/ DTSP	EC8501/ DC
Thur	EC8073/ EC8074 ME/RPA	EC8562/DSP LAB				EC8553/ DTSP	EC8501/ DC	EC8551/ CN
Fri	EC8553/ DTSP	EC8073/ EC8074 ME/RPA	SKILL RACK	OIT551/ OIT552 DBMS/CC		EC8552/ CAO	EC8551/ CN	EC8552/ CAO

S.No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	EC8501	Digital Communication	Dr.G.Saravanan/ECE	3	0	0	3
2	EC8551	Communication Networks	Dr.R.Prabha/ECE	3	0	0	3
3	EC8552	Computer Architecture and Organization	Dr.Muruga Radha Devi/IT	3	0	0	3

4	EC8553	Discrete-Time Signal Processing	Ms.G.Valarmathi/ECE	3	0	0	3
5	EC8073	Medical Electronics	Ms.S.Sweetline Shamini/ECE Ms.S.Deivanayagi/ECE	3	0	0	3
6	EC8074	Robotics and Automation System	Ms.K.Sivasankari/ECE	3	0	0	3
7	OIT551	Database Management Systems	Ms.S.Vidhya/CSE Mr.Ulaganathan/CCE	3	0	0	3
8	OIT552	Cloud Computing	Ms.R.Prabhavathi/IT	3	0	0	3
PRACTICAL							
9	EC8561	Communication Systems Laboratory	Ms.S.Sweetline Shamini/ECE	0	0	4	2
10	EC8562	Digital Signal Processing Laboratory	Dr.R.Prabha/ECE	0	0	4	2
11	EC8563	Communication Networks Laboratory	Ms R.Lakshmi Devi/ECE	0	0	4	2

Skill Rack :Ms.K.Sivasankari

HALL NO: IW3101

CLASS/SEC:III ECE / C CLASS COORDINATORS:Ms.D.Pushgara Rani,Mr.S.Venkataraman

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am	11.55am- 12.35pm		1.15pm- 2.05pm	2.05pm- 2.55pm	3.10pm- 4.00pm
DAY					L			

Mon	OIT551/ OIT552 DBMS/CC	EC8563/CN LAB			U N C H	EC8501/ DC	EC8551/ CN	EC8552/ CAO
Tue	EC8073/ EC8074 ME/RPA	OIT551/ OIT552 DBMS/CC	EC8553/ DTSP	EC8073/ EC8074 ME/RPA		EC8561 CS LAB		
Wed	EC8551/ CN	EC8553/ DTSP	EC8551/ CN	EC8501/ DC		OIT551/ OIT552 DBMS/CC	EC8501/ DC	SKILL RACK
Thur	EC8073/ EC8074 ME/RPA	EC8501/ DC	EC8551/ CN	EC8552/ CAO		EC8553/ DTSP	EC8552/ CAO	EC8553/ DTSP
Fri	EC8553/ DTSP	EC8073/ EC8074 ME/RPA	EC8552/ CAO	OIT551/ OIT552 DBMS/CC		EC8562/DSP LAB		

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	EC8501	Digital Communication	Mr.S.Venkataraman/ECE	3	0	0	3
2	EC8551	Communication Networks	Ms.D.Pushgara Rani/ECE	3	0	0	3
3	EC8552	Computer Architecture and Organization	Ms.C.Rekha/IT	3	0	0	3

4	EC8553	Discrete-Time Signal Processing	Mr.S.Prasath Kumar/ECE	3	0	0	3
5	EC8073	Medical Electronics	Ms.S.Sweetline Shamini/ECE Ms.S.Deivanayagi/ECE	3	0	0	3
6	EC8074	Robotics and Automation System	Ms.K.Sivasankari/ECE	3	0	0	3
7	OIT551	Database Management Systems	Ms.S.Vidhya/CSE Mr.Ulaganathan/CCE	3	0	0	3
8	OIT552	Cloud Computing	Dr.R.Prabhavathi/IT	3	0	0	3
PRACTICAL							
9	EC8561	Communication Systems Laboratory	Mr.S.Venkataraman/ECE	0	0	4	2
10	EC8562	Digital Signal Processing Laboratory	Ms.G.Valarmathi/ECE	0	0	4	2
11	EC8563	Communication Networks Laboratory	Ms.D.Pushgara Rani/ECE	0	0	4	2

Skill Rack :Ms.G.Valarmathi

HALL NO: IW4104

CLASS/SEC:IV ECE / A

CLASS COORDINATORS:Ms.V.Subashini,Ms.Razmah

TIME	9.10am - 10.00am	10.00am - 10.50am	11.05am- 11.55am	11.55am- 12.35pm	12.35pm- 1.15pm	1.15pm- 2.05pm	2.05pm- 2.55pm	3.10pm- 4.00pm
DAY								

Mon	CS8082/ GE8071 ML/DM	EC8702/ AWSN	EC8751/ OC	L U N C H	EC8791/ ERTS	EC8701/ AME	OCE751/ OCY751 ESA/WWM	EC8701/ AME
Tue	EC8761/AC LAB				EC8701/ AME	CS8082/ GE8071 ML/DM	EC8791/ ERTS	EC8702/ AWSN
Wed	OCE751/ OCY751 ESA/WW M	EC8701/ AME	CS8082/ GE8071 ML/DM		EC8751/ OC	EC8702/ AWSN	OCE751/ OCY751 ESA/WWM	EC8791/ ERTS
Thur	EC8751/O C	EC8702/ AWSN	EC8701/ AME		CS8082/ GE8071 ML/DM	EC8711/EMB LAB		
Fri	EC8702/ AWSN	CS8082/ GE8071 ML/DM	EC8791/ ERTS		OCE751/ OCY751 ESA/WWM	EC8751/ OC	EC8791/ ERTS	EC8751/ OC

S.No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	EC8701	Antenna and Microwave Engineering	Ms.V.Subashini/ECE	3	0	0	3
2	EC8751	Optical Communication	Dr.G.Saritha/ECE	3	0	0	3
3	EC8791	Embedded and Real Time systems	Dr.S.Raja Rajan/ECE	3	0	0	3
4	EC8702	Adhoc and Wireless Sensor Networks	Dr.G.Saravanan/ECE	3	0	0	3

5	CS8082	Machine Learning	Dr.R.Prabha/ECE	3	0	0	3
6	GE8071	Disaster Management	Mr.S.Surendranath/ECE Ms.Razmah/ECE	3	0	0	3
7	OCE751	Environmental and Social Impact Assesment	Dr.K.Rajeshwari/Chemistry	3	0	0	3
8	OCY751	Waste Water Treatment	Ms.R.Kiruthika/Chemistry	3	0	0	3
PRACTICAL							
9	EC8711	Embedded Laboratory	Dr.G.Saritha/ECE	0	0	4	2
10	EC8761	Advanced Communication laboratory	Ms.V.Subashini/ECE	0	0	4	2

HALL NO: IW4107

CLASS/SEC:IV ECE / B CLASS COORDINATORS:Ms.R.Lakshmi Devi,Mr.A.Ravindiran

TIME	9.10am - 10.00am	10.00am - 10.50am	11.05am- 11.55am	11.55am- 12.35pm	12.35pm- 1.15pm	1.15pm- 2.05pm	2.05pm- 2.55pm	3.10pm - 4.00pm
DAY								
Mon	CS8082/ GE8071 ML/DM	EC8701/ AME	EC8791/ ERTS	L U N	EC8701/ AME	EC8702/ AWSN	OCE751/ OCY751 ESA/WW M	EC8791 / ERTS
Tue	EC8711/EMB LAB				EC8751/ OC	CS8082/ GE8071/ ML/DM	EC8791/ ERTS	EC8701 / AME
SIT/PRI/Academic Calendar/ODD Semester 2021-2022								

Wed	OCE751/ OCY751 ESA/W WM	EC8702/ AWSN	CS8082/ GE8071 ML/DM	C H	EC8791/ ERTS	EC8751/ OC	OCE751/ OCY751 ESA/WW M	EC8751 / OC
Thur	EC8791/ ERTS	EC8702/ AWSN	EC8701/ AME		CS8082/ GE8071 ML/DM	EC8751/ OC	EC8701/ AME	EC8702 / AWSN
Fri	EC8751/ OC	CS8082/ GE8071 ML/DM	EC8702/ AWSN		OCE751/ OCY751 ESA/WWM	EC8761/ AC LAB		

S.No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	EC8701	Antenna and Microwave Engineering	Mr.A.Ravindran /ECE	3	0	0	3
2	EC8751	Optical Communication	Ms.K.Sangeetha/ECE	3	0	0	3
3	EC8791	Embedded and Real Time systems	Dr.P.Saravanan/ECE	3	0	0	3
4	EC8702	Adhoc and Wireless Sensor Networks	Ms R.Lakshmi Devi/ECE	3	0	0	3
5	CS8082	Machine Learning	Dr.R.Prabha/ECE	3	0	0	3
6	GE8071	Disaster Management	Mr.S.Surendranath/ECE Ms.Razmah/ECE	3	0	0	3

7	OCE751	Environmental and Social Impact Assessment	Dr.K.Rajeshwari/ Chemistry	3	0	0	3
8	OCY751	Waste Water Treatment	Ms.R.Kiruthika/Chemistry				
PRACTICAL							
9	EC8711	Embedded Laboratory	Dr.P.Saravanan/ECE	0	0	4	2
10	EC8761	Advanced Communication laboratory	Mr.A.Ravindran /ECE	0	0	4	2

EVEN SEMESTER 2020-2021(With effect from 04.03.2021)

HALL NO: IW2101

CLASS/SEC: II ECE / A
Ms.K.Sivasankari

CLASS COORDINATORS: Ms.R.Lakshmi Devi,

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am - 11.55am	11.55am- 12.35pm	L U N C H	1.15pm- 2.05pm	2.05pm- 2.55pm	3.10pm- 4.00pm
DAY								
Mon	GE8291	EC8452	EC8453	MA8451		EC8462 LIC LAB		
Tue	MA8451	EC8453	EC8452	EC8453		EC8451	SKILL RACK	
Wed	EC8452	EC8491	GE8291	EC8451		EC8491	LIB	MA8451

Thur	EC8451	EC8461 C & S LAB			MA8451	GE8291	EC8491
Fri	EC8491	EC8451	EC8452	GE8291	EC8453	MA8451	EC8451

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	MA8451	Probability and Random Process	Ms.Sherlin Nisha/Maths	4	0	0	4
2	EC8452	Electronic Circuits II	Dr.P.Saravanan/ECE	3	0	0	3
3	EC8491	Communication Theory	Ms.R.Lakshmi Devi/ECE	3	0	0	3
4	EC8451	Electromagnetic Fields	Dr.G.Thamaraiselvi/ECE	4	0	0	4
5	EC8453	Linear Integrated Circuits	Ms.K.Sivasankari/ECE	3	0	0	3
6	GE8291	Environmental Science and Engineering	Dr.S.Rathika/Chemistry	3	0	0	3
PRACTICAL							
7	EC8461	Circuits and Simulation Lab	Dr.P.Saravanan/ECE	0	0	4	2

8	EC8462	Linear Integrated Circuits Lab	Ms.K.Sivasankari/ECE	0	0	4	2
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Library:Ms.V.Subashini

Skill Rack: Mr.S.Prasath Kumar

HALL NO: IE1105

CLASS/SEC: II ECE / B

CLASS COORDINATORS: Dr.G.Saritha, Ms.G.Valarmathi

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am	11.55am- 12.35pm	L U N C H	1.15pm- 2.05pm	2.05pm- 2.55pm	3.10pm- 4.00pm
DAY								
Mon	EC8451	GE8291	SKILL RACK			EC8491	MA8451	EC8452
Tue	GE8291	EC8491	GE8291	MA8451		EC8451	EC8452	EC8453
Wed	MA8451	EC8453	EC8452	EC8451		MA8451	LIB	EC8491
Thur	EC8491	GE8291	EC8453	EC8452		EC8462 LIC LAB		
Fri	EC8453	EC8451	MA8451	EC8451		EC8461 C & S LAB		

S.No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	MA8451	Probability and Random Process	Dr.V.Yuvaraj/Maths	4	0	0	4

2	EC8452	Electronic Circuits II	Ms.V.Subashini/ECE	3	0	0	3
3	EC8491	Communication Theory	Ms.K.Sangeetha/ECE	3	0	0	3
4	EC8451	Electromagnetic Fields	Dr.G.Saritha/ECE	4	0	0	4
5	EC8453	Linear Integrated Circuits	Ms.G.Valarmathi/ECE	3	0	0	3
6	GE8291	Environmental Science and Engineering	Ms.S.Sumathi/Chemistry	3	0	0	3
PRACTICAL							
7	EC8461	Circuits and Simulation Lab	Ms.V.Subashini/ECE	0	0	4	2
8	EC8462	Linear Integrated Circuits Lab	Ms.G.Valarmathi/ECE	0	0	4	2

Library:Ms.G.Valarmathi
Dr.G.saritha

Skill Rack:

HALL NO: IS2104

CLASS/SEC: II ECE / C

CLASS COORDINATORS: Ms.D.Pushgara Rani, Ms.G.P.Bharathi

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am	11.55am- 12.35pm	L U	1.15pm- 2.05pm	2.05pm- 2.55pm	3.10pm- 4.00pm
DAY								
Mon	EC8452	EC8491	EC8452	EC8451		GE8291	MA8451	EC8451

Tue	EC8451	MA8451	GE8291	MA8451	N C H	EC8461 C& S LAB		
Wed	EC8453	EC8451	EC8452	EC8453		EC8491	GE8291	LIB
Thur	GE8291	EC8491	SKILL RACK			EC8451	EC8453	MA8451
Fri	EC8491	EC8462 LIC LAB				MA8451	EC8452	EC8453

S.No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	MA8451	Probability and Random Process	Dr.James Immanuel/Maths	4	0	0	4
2	EC8452	Electronic Circuits II	Ms.G.P.Bharathi/ECE	3	0	0	3
3	EC8491	Communication Theory	Dr.Su.Suganthi/ECE	3	0	0	3
4	EC8451	Electromagnetic Fields	Mr.Ramaprasad Maharana/ECE	4	0	0	4
5	EC8453	Linear Integrated Circuits	Ms.D.Pushgara Rani/ECE	3	0	0	3
6	GE8291	Environmental Science and Engineering	Dr.Daisylin Anbu Sujeetha/Chemistry	3	0	0	3
PRACTICAL							

7	EC8461	Circuits and Simulation Lab	Ms.G.P.Bharathi/ECE	0	0	4	2
8	EC8462	Linear Integrated Circuits Lab	Ms.D.Pushgara Rani/ECE	0	0	4	2

Library:Ms.D.Pushgara Rani

Skill Rack: Ms.R.Lakshmi Devi

HALL NO:IW3102

CLASS/SEC: III ECE /A
Ms.R.Janaki

CLASS COORDINATORS: Mr.Ramaprasad Maharana,

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am	11.55am- 12.35pm	L U N C H	1.15pm- 2.05pm	2.05pm- 2.55pm	3.10pm- 4.00pm
DAY								
Mon	EC8651	MG8591	EC8004/ GE8075	EC8652		EC8691	TECHNICAL SEMINAR	
Tue	EC8004/ GE8075	EC8681 MP LAB				EC8095	EC8651	EC8691
Wed	EC8652	MG8591	EC8652	EC8651		EC8095	SKILL RACK	
Thur	EC8095	EC8651	EC8004/ GE8075	EC8691		EC8661 VLSI LAB		
Fri	MG8591	EC8004/ GE8075	HS8581 PC LAB			EC8095	EC8691	EC8652

S · N o	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	EC8691	Microprocessor and Microcontroller	Dr.G.Saritha/ECE	3	0	0	3
2	EC8095	VLSI Design	Ms.S.SweetlineShamini/ECE	3	0	0	3
3	EC8652	Wireless Communication	Dr.R.Prabha/ECE	3	0	0	3
4	MG8591	Principles of Management	Dr.K.Bharanidharan/MBA	3	0	0	3
5	EC8651	Transmission lines and RF	Mr.Ramaprasad Maharana/ECE	3	0	0	3
6	EC8004	Wireless Networks	Ms.R.Janaki/ECE	3	0	0	3
7	GE8075	Intellectual Property Rights	Dr.G.Saravanan/ECE Ms.S.Deivanayagi/ECE	3	0	0	3
PRACTICAL							
7	EC8681	Microprocessor and Microcontroller Lab	Dr.G.Saritha/ECE	0	0	4	2
8	EC8661	VLSI Design Lab	Ms.S.SweetlineShamini/ECE	0	0	4	2
9	EC8611	Technical Seminar	Ms.R.Janaki/ECE SIT/PRJ/Academic Calendar/ODD Semester 2021-2022	0	0	2	

10	HS8581	Professional Communication	Ms.Ezhimathi/English	0	0	2	1
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Skill Rack: Ms.R.Janaki

HALL NO: IW2112

CLASS/SEC: III ECE / B

CLASS COORDINATORS:

Mr.A.Ravindiran.Ms.K.Sangeetha

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am	11.55am- 12.35pm		1.15pm -2.05pm	2 .05pm -2.55pm	3.10pm- 4.00pm
DAY					L			
Mon	EC8652	EC8095	EC8004/ GE8075	MG8591	U	EC8651	SKILL RACK	
Tue	EC8004/ GE8075	EC8691	EC8651	EC8095	N	MG8591	TECHNICAL SEMINAR	
Wed	EC8691	EC8661 VLSI LAB			C	EC8691	EC8651	EC8652
Thur	EC8651	EC8652	EC8004/ GE8075	EC8095	H	HS8581 PC LAB		MG8591
Fri	EC8095	EC8004/ GE8075	EC8691	EC8652		EC8681 MP LAB		

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							

1	EC8691	Microprocessor and Microcontroller	Ms.G.P.Bharathi/ECE	3	0	0	3
2	EC8095	VLSI Design	Ms.K.Sangeetha/ECE	3	0	0	3
3	EC8652	Wireless Communication	Mr.S.Prasath Kumar/ECE	3	0	0	3
4	MG8591	Principles of Management	Dr.K.Bharanidharan/MBA	3	0	0	3
5	EC8651	Transmission lines and RF	Mr.A.Ravindiran/ECE	3	0	0	3
6	EC8004	Wireless Networks	Ms.R.Janaki/ECE	3	0	0	3
7	GE8075	Intellectual Property Rights	Dr.G.Saravanan/ECE Ms.S.Deivanayagi/ECE	3	0	0	3
PRACTICAL							
7	EC8681	Microprocessor and Microcontroller Lab	Mr.S.Prasath Kumar/ECE	0	0	4	2
8	EC8661	VLSI Design Lab	Ms.K.Sangeetha/ECE	0	0	4	2
9	EC8611	Technical Seminar	Ms.R.Janaki/ECE	0	0	2	1
10	HS8581	Professional Communication	Ms.Ezhimathi/English	0	0	2	1

Skill Rack : Ms.K.Sangeetha

CLASS/SEC: IV ECE / A

CLASS COORDINATORS: Ms.K.Sumathi

TIME	9.10am - 10.00am	10.00am-10.50am	11.05am-11.55am	L U N C H	12.35pm - 1.15 pm	1.15pm - 2.05pm	2 .05pm-2.55pm	3.10pm - 4.00pm
DAY								
Mon	EC8094/GE8073	GE8076/EC8093	EC8094/GE8073		GE8076/EC8093	EC8811 Project work		
Tue	GE8076/EC8093	EC8094/ GE8073	GE8076/EC8093		EC8094/ GE8073	EC8811 Project work		

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	EC8094	Satellite Communication	Ms.R.Lakshmi Devi/ECE Ms.V.Subashinii/ECE Ms.G.Valarmathi/ECE	3	0	0	3
2	GE8073	Fundamental of Nanoscience	Dr.S.Rajarajan/ECE	3	0	0	3

3	GE8076	Professional Ethics in Engineering	Ms.K.Sumathi/ECE Ms.D.Pushgara Rani/ECE Mr.N.Oral Roberts/ECE	3	0	0	3
4	EC8093	Digital Image Processing	Ms.S.Sweetline Shamini/ECE	3	0	0	3
PRACTICAL							
5	EC8811	Project work	Dr.G.Saravanan/ECE	0	0	1 2	6

HALL NO: IE4101

CLASS/SEC: IV ECE / B

CLASS COORDINATORS: Ms.V.Subashini

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am	L U N C H	12.35pm - 1.15 pm	1.15pm- 2.05pm	2 .05pm- 2.55pm	3.10pm- 4.00pm
DAY								
Mon	EC8094/ GE8073	GE8076/ EC8093	EC8094/ GE8073		GE8076/EC8093	EC8811 Project work		
Tue	GE8076/ EC8093	EC8094/ GE8073	GE8076 /EC8093		EC8094/ GE8073	EC8811 Project work		

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	EC8094	Satellite Communication	Ms.R.Lakshmi Devi/ECE Ms.V.Subashinii/ECE Ms.G.Valarmathi/ECE	3	0	0	3
2	GE8073	Fundamental of Nanoscience	Dr.S.Rajarajan/ECE	3	0	0	3
3	GE8076	Professional Ethics in Engineering	Ms.K.Sumathi/ECE Ms.D.Pushgara Rani/ECE Mr.N.Oral Roberts/ECE	3	0	0	3
4	EC8093	Digital Image Processing	Ms.S.Sweetline Shamini/ECE	3	0	0	3
PRACTICAL							
5	EC8811	Project work	Dr. R.Prabha/ECE	0	0	12	6

ODD SEMESTER 2020-2021(25.06.2020)

HALL NO: IS2102

CLASS/SEC: II ECE / A

CLASSCOORDINATORS: Ms.S.Deivanayagi,Mr.V.Narasimman

TIME	SLOT I	SLOT II		1.15pm-2.05pm	SLOT III
DAY			L		

Mon	DE	DE	LPDE	LPDE	U NC H		SS	SS
Tue	CS	CS	DS	DS			EC I	EC I
Wed	DS/EC I	DS/EC I	CS/SS	CS/SS			LPDE/DE	LPDE/DE
Thur	LPDE	LPDE	SS	SS			DE	DE
Fri	DS	DS	CS	CS			EC I	EC I

S. No	Subject Code	Subject Name	Staff/ Dept	No of hours
THEORY				
1	MA8352	Linear Algebra and Partial Differential Equations	Dr.V.Yuvaraj/Maths	6
2	EC8351	Electronic Circuits- I	Mr.V.Narasimman/ECE	6
3	EC8352	Signals and Systems	Ms.S.Deivanayagi/ECE	6
4	EC8391	Control System Engineering	Ms.T.Thenmozhi/EEE	6
5	EC8392	Digital Electronics	Ms.K.Sangeetha/ECE	6

6	EC8393	Fundamentals of Data Structures in C	Ms.C.Rekha/IT	6
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HALL NO: IE1105

CLASS/SEC:II ECE / B
Roberts

CLASS COORDINATORS:S.SweetlineShamini,N.Oral

TIME	SLOT I		SLOT II		L U N C H	1.15pm- 2.05pm	SLOT III	
DAY								
Mon	DS	DS	SS	SS			DE	DE
Tue	EC I	EC I	LPDE	LPDE			CS	CS
Wed	DE/CS	DE/CS	SS/EC I	SS/EC I			LPDE/DS	LPDE/DS
Thur	LPDE	LPDE	DS	DS			SS	SS
Fri	CS	CS	DE	DE			EC I	EC I

S. No	Subject Code	Subject Name	Staff/ Dept	No of hours
THEORY				

1	MA835 2	Linear Algebra and Partial Differential Equations	Ms.N.Aishwarya/Maths	6
2	EC835 1	Electronic Circuits- I	Mr.N.Oral Roberts/ECE	6
3	EC835 2	Signals and Systems	Dr.G.Thamaraiselvi/ECE	6
4	EC839 1	Control System Engineering	Ms.G.Ezhilarasi/EEE	6
5	EC839 2	Digital Electronics	S.SweetlineShamini/ECE	6
6	EC839 3	Fundamentals of Data Structures in C	Mr.J.Jayachandran/CSE	6

HALL NO: IE1105

CLASS/SEC:II ECE / C

CLASS COORDINATORS:G.Valarmathi,Dr.P.Saravanan

TIME	SLOT I	SLOT II	L	1.15pm- 2.05pm	SLOT III
DAY					

Mon	ECI	ECI	LPDE	LPDE	U N C H		CS/DS	
Tue	DS	DS	SS	SS			DE	DE
Wed	CS	CS	SS/ECI	SS/ECI			DE/LPDE	DE/LPDE
Thur	SS	SS	CS	CS			DS	DS
Fri	DE	DE	ECI	ECI			LPDE	LPDE

S. No	Subject Code	Subject Name	Staff/ Dept	No of hours
THEORY				
1	MA8352	Linear Algebra and Partial Differential Equations	Mr.D.Muralidharan/Maths	6
2	EC835	Electronic Circuits- I	Ms.V.Subashini/ECE	6

3	EC835 2	Signals and Systems	Ms.G.Valarmathi/ECE	
4	EC839 1	Control System Engineering	Ms.S.Sivarajewari/EEE	
5	EC839 2	Digital Electronics	Dr.P.Saravanan/ECE	6
6	EC839 3	Fundamentals of Data Structures in C	Ms.S.Ananthi/CSE	6

HALL NO: IW2105

CLASS/SEC:III ECE /A
G.P.Bharathi,R.Janaki

CLASS COORDINATORS:

TIME	SLOT I		SLOT II		L U N	1.15pm - 2.05pm	SLOT III	
DAY								
Mon	CAO	CAO	CN	CN			P DS	DSP

Tue	DC	DC	ME	ME	C H		APCE/FON	APCE/FON
Wed	CN/CAO	CN/CAO	DC/ME	DC/ME			APCE/FON/DS P	APCE/FON/DS P
Thur	ME	ME	APCE/ FON	APCE/ FON			DC	DC
Fri	DSP	DSP	CAO	CAO			CN	CN

S. No	Subject Code	Subject Name	Staff/ Dept	No of hours
THEORY				
1	EC8501	Digital Communication	Mr.V.Narasimma/ECE	6
2	EC8551	Communication Networks	Ms.G.P.Bharathi/ECE	6
3	EC8552	Computer Architecture and Organization	Ms.B.Deepa/IT	6
SIT/PRI/Academic Calendar/ODD Semester 2021-2022				

4	EC8553	Discrete-Time Signal Processing	Ms.R.Janaki/ECE	6
5	EC8073	Medical Electronics(PE I)	Ms.S.SweetlineShamini/ECE	6
6	OCE551	Air pollution and Control Engineering(OE I)	Mr.C.Dilip Kumar/Civil	3
7	OBT533	Fundamentals of Nutrition (OE I)	Ms.K.Kiruthika/Chemistry	3

HALL NO: IW3102

CLASS/SEC:III ECE / B
K.Sangeetha,Dr.R.Prabha

CLASS COORDINATORS:

TIME	SLOT I		SLOT II		L U N C H	1.15p m- 2.05p m	SLOT III	
DAY								
Mon	DSP	DSP	ME	ME			CN	CN
Tue	DC	DC	CAO	CAO			APCE/ FON	APCE/ FON

Wed	CAO/CN	CAO/CN	DC/DSP	DC/DSP		APCE/FON/ME	APCE/FON/ME
Thur		CN	APCE/FON	APCE/FON		DSP	DSP
Fri	ME	ME	DC	DC		CAO	CAO

S. No	Subject Code	Subject Name	Staff/ Dept	No of hours
THEORY				
1	EC8501	Digital Communication	Ms.K.Sangeetha/ECE	6
2	EC8551	Communication Networks	Dr.R.Prabha/ECE	6
3	EC8552	Computer Architecture and Organization	Dr.D.MurugaRadha Devi/IT	6
4	EC8553	Discrete-Time Signal Processing	Mr.S.Prasath Kumar/ECE	6

5	EC8073	Medical Electronics(PE I)	Dr.G.Saravanan/ECE	6
6	OCE551	Air pollution and Control Engineering(OE I)	Mr.C.Dilip Kumar/Civil	3
7	OBT553	Fundamentals of Nutrition (OE I)	Ms.K.Kiruthika/Chemistry	3

HALL NO: IW4105

CLASS/SEC: IV ECE / A

CLASS

COORDINATORS:.,Dr.Su.Suganthi,D.Pushgara Rani

TIME	SLOT I		SLOT II		L U N C H	1.15pm- 2.05pm	SLOT III	
DAY								
Mon	EIA/IS	EIA/IS	ERTS	ERTS			OC	OC
Tue	AWSN	AWSN	AME	AME			ML	ML
Wed	ERTS EIA/IS	ERTS EIA/IS	AWSN/ML	AWSN/ML			AME/OC	AME/OC

Thur	ML	ML	AWSN	AWSN		AME	AME
Fri		OC	EIA/IS	EIA/IS		ERTS	ERTS

S. No	Subject Code	Subject Name	Staff/ Dept	No of hours
THEORY				
1	EC8701	Antenna and Microwave Engineering	Ms.D.Pushgara Rani/ECE	6
2	EC8751	Optical Communication	Ms.G.Valarmathi/ECE	6
3	EC8791	Embedded and Real Time systems	Ms.Dr.Su.Suganthi/ECE	6

4	EC8702	Adhoc and Wireless Sensor Networks	Dr.G.Saravanan/ECE	6
5	CS8082	Machine Learning(PE III)	Ms.R.Janaki/ECE	6
6	OCE751	Environmental and Social Impact Assesement (OE II)	Mr.P.Pondeepak/Civil Mr.M.Murugan/Civil	3
7	OME754	Industrial Safety	Ms.R.M.Asha/Civil	3

HALL NO: IW4110

CLASS/SEC: IV ECE / B
V.Subashini,K.Sivasankari

CLASS COORDINATORS:

TIME	SLOT I		SLOT II		L U N C	1.15pm- 2.05pm	SLOT III	
DAY								
Mon	EIA/IS	E IA/IS	AME	AME			ML	ML
			SIT/PRI/Academic Calendar/ODD Semester 2021-2022				Page: 105 of	

Tue	OC	OC	ERTS	ERTS	H		AWSN	AWSN
Wed	AWSN/EIA/ S	AWSN/EIA /IS	AME/ ERTS	AME/ ERTS			OC/ML	OC/ML
Thur	AME	AME	OC	OC			ERTS	ERTS
Fri	AWSN	AWSN	EIA/IS	EIA/IS			ML	ML

S. No	Subject Code	Subject Name	Staff/ Dept	No of hours
THEORY				
1	EC8701	Antenna and Microwave Engineering	Mr.N.Oral Roberts/ECE	6
2	EC8751	Optical Communication	Ms.V.Subashini/ECE	6

3	EC8791	Embedded and Real Time systems	Dr.S.Rajarajan/ECE	6
4	EC8702	Adhoc and Wireless Sensor Networks	Ms.S.PrasathKumar/ECE	6
5	CS8082	Machine Learning(PE III)	Ms.K.Sivasankari/ECE	6
6	OCE751	Environmental and Social Impact Assesment (OE II)	Mr.P.Pondeepak/Civil Mr.M.Murugan/Civil	3
7	OME754	Industrial Safety(OE II)	Ms.R.M.Asha/Civil	3

HALL NO: IE4101

CLASS/SEC:IV ECE / C

CLASS

COORDINATORS:RamprasadMaharana,R.Lakshmi Devi

TIME	SLOT I	SLOT II	L	1.15pm-2.05pm	SLOT III
DAY					

Mon	EIA/IS	EIA/IS	AME	AME	U N C H		ERTS	ERTS
Tue	ML	ML	OC	OC			AWSN	AWSN
Wed	AWSN/ EIA/IS	AWSN/ EIA/IS	OC/ ERTS	OC/ ERTS			AME/ML	AME/ML
Thur	ERTS	ERTS	AWSN	AWSN			ML	ML
Fri	OC	OC	EIA/IS	EIA/IS			AME	AME

S. N o	Subject Code	Subject Name	Staff/ Dept	No of hours
THEORY				

1	EC8701	Antenna and Microwave Engineering	RamaprasadMaharana/ ECE	6
2	EC8751	Optical Communication	Dr.R.Prabha/ECE	6
3	EC8791	Embedded and Real Time systems	Dr.P.Saravanan/ECE	6
4	EC8702	Adhoc and Wireless Sensor Networks	Ms.R.Lakshmi Devi/ECE	6
5	CS8082	Machine Learning(PE III)	Ms.G.P.Bharathi/ECE	6
6	OCE751	Environmental and Social Impact Assessment (OE II)	Mr.M.Murugan/Civil Mr.P.Pondeepak/Civil	
7	OME754	Industrial Safety (OE II)	Ms.R.M.Asha/Civil	

EVEN SEMESTER 2019-2020(12.12.2019)

CLASS/SEC: II ECE / A

CLASS

COORDINATORS:Ms.G.P.Bharathi,Mr.V.Narasimman

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am - 11.55am	11.55am- 12.35pm	L U N C H	1.15pm- 2.05pm	2.05pm- 2.55pm	3.10pm- 4.00pm
DAY								
Mon	MA8451	EC8451	EC8453	EC8491		EC8461/CS LAB		
Tue	EC8452	EC8453	GE8291	EC8451		EC8491	MA8451	EC8452
Wed	EC8453	MA8451	GE8291	EC8452		GE8291	LIBRARY	EC8451
Thur	EC8451	EC8462/LIC LAB				MA8451	EC8452	EC8491
Fri	GE8291	EC8491	EC8453	EC8451		MA8451	SKILL RACK	

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	MA8451	Probability and Random Process	Mr.R.Muralidharan/Mat SIT/FRI/Academic Calendar/ODD Semester 2021-2022	4	0	0	4

2	EC845 2	Electronic Circuits II	Ms.G.P.Bharathi/ECE	3	0	0	3
3	EC849 1	Communication Theory	Mr.V.Narasimman/ECE	3	0	0	3
4	EC845 1	Electromagnetic Fields	Mr.N.Oral Roberts/ECE	4	0	0	4
5	EC845 3	Linear Integrated Circuits	Dr.P.Saravanan/ECE	3	0	0	3
6	GE82 91	Environmental Science and Engineering	Ms.Daisylin Anbu Sujitha/Chemistry	3	0	0	3
PRACTICAL							
7	EC846 1	Circuits and Simulation Lab	Ms.G.P.Bharathi/ECE	0	0	4	2
8	EC846 2	Linear Integrated Circuits Lab	Mr.V.Narasimman/ECE	0	0	4	2

Library Mr.V.Narasimman
Kumar

Skill Rack: Mr.S.Prasath

HALL NO: IE1105

CLASS/SEC: II ECE / B

CLASS COORDINATORS:

Ms.K.Sangeetha, Mr.P.Saravanan

SIT/PRI/Academic Calendar/ODD Semester 2021-2022

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TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am	11.55am- 12.35pm	L U N C H	1.15pm- 2.05pm	2.05pm- 2.55pm	3.10pm- 4.00pm
DAY								
Mon	EC8451	EC8452	EC8451	GE8291		EC8453	GE8291	MA8451
Tue	MA8451	EC8461/CS LAB				EC8491	EC8453	EC8452
Wed	EC8453	EC8451	GE8291	MA8451		EC8452	MA8451	LIBRARY
Thur	GE8291	EC8491	SKILL RACK			EC8453	EC8452	EC8451
Fri	EC8491	EC8451	MA8451	EC8491		EC8462/LIC LAB		

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	MA8451	Probability and Random Process	Mr. Joseph Thomas Rajan	4	0	0	4

2	EC845 2	Electronic Circuits II	K.Sangeetha/ECE	3	0	0	3
3	EC849 1	Communication Theory	Dr.G.Saravanan/ECE	3	0	0	3
4	EC845 1	Electromagnetic Fields	Mr.R.P.Maha Rana/ECE	4	0	0	4
5	EC845 3	Linear Integrated Circuits	Ms.G.Valarmathi/ECE	3	0	0	3
6	GE829 1	Environmental Science and Engineering	Ms.S.Sumathi/Chemistry	3	0	0	3
PRACTICAL							
7	EC846 1	Circuits and Simulation Lab	Mr.R.P.Maha Rana/ECE	0	0	4	2
8	EC846 2	Linear Integrated Circuits Lab	Mrs.G.Valarmathi/ECE	0	0	4	2

Library: Ms.G.P.Bharathi

Skill Rack: Ms.S.Sweetline Shamini

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am	11.55am- 12.35pm	L U N C H	1.15pm- 2.05pm	2.05pm- 2.55pm	3.10pm- 4.00pm
DAY								
Mon	EC8691	EC8652	EC8004	EC8095		EC8661/VLSI DESIGN LAB		
Tue	EC8004	EC8651	SKILL RACK			EC8095	EC8691	EC8652
Wed	EC8651	EC8652	EC8691	EC8004		MG8591	HS8581/PC LAB	
Thur	EC8095	EC8681/MP & MC LAB				EC8651	MG8591	EC8004
Fri	MG8591	EC8651(T)	EC8095	EC8652		EC8691	EC8611/Technical Seminar	

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	EC8691	Microprocessor and Microcontroller	Dr.P.Saravanan/ECE	3	0	0	3
2	EC8095	VLSI Design	Ms.K.Sangeetha/ECE	3	0	0	3
SIT/PR/ Academic Calendar/ODD Semester 2021-2022							

3	EC8652	Wireless Communication	Ms.D.Pushgara Rani/ECE	3	0	0	3
4	MG8591	Principles of Management	Ms.P.S.Immaculate/MBA	3	0	0	3
5	EC8651	Transmission lines and RF	Mr.N.Oral Roberts/ECE	3	0	0	3
6	EC8004	Wireless Networks	Dr.Su.Suganthi/ECE	3	0	0	3
PRACTICAL							
7	EC8681	Microprocessor and Microcontroller Lab	Dr.P.Saravanan/ECE	0	0	4	2
8	EC8661	VLSI Design Lab	Ms.K.Sangeetha/ECE	0	0	4	2
9	EC8611	Technical Seminar	Ms.K.Siva Sankari/ECE	0	0	2	1
10	HS8581	Professional Communication		0	0	2	1

HALL NO: IW3102

CLASS/SEC: III ECE / B

CLASS COORDINATORS:Ms.V.Subashini,Dr.R.Prabha

TIME	9.10am -	10.00am-	11.05am-	11.55am-		1.15pm-	2.05pm-	3.10pm-

DAY	10.00am	10.50am	11.55am	12.35pm	L	2.05pm	2.55pm	4.00pm
Mon	EC8652	EC8004	HS8581/PC LAB		U N C H	MG8591	EC8691	EC8095
Tue	EC8691	EC8652	EC8651	EC8004		EC8095	SKILL RACK	
Wed	EC8651	EC8661/VLSI DESIGN LAB				MG8591	EC8095	EC8652
Thur	EC8095	EC8691	EC8004	EC8651(T)		EC8681/MP & MC LAB		
Fri	EC8004	MG8591	EC8691	EC8652		EC8651	EC8611/Technical Seminar	

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	EC8691	Microprocessor and Microcontroller	Ms.S.Deivanayagi/ECE	3	0	0	3
2	EC8095	VLSI Design	Ms.K.Sumathi/ECE	3	0	0	3
3	EC8652	Wireless Communication	Ms.V.Subashini/ECE	3	0	0	3

4	MG8591	Principles of Management	Dr.K.Baranidharan/MBA	3	0	0	3
5	EC8651	Transmission lines and RF	Mr.A.Ravindran/ECE	3	0	0	3
6	EC8004	Wireless Networks	Dr.R.Prabha /ECE	3	0	0	3
PRACTICAL							
7	EC8681	Microprocessor and Microcontroller Lab	Ms.S.Deivanayagi/ECE	0	0	4	2
8	EC8661	VLSI Design Lab	Ms.K.Sumathi/ECE	0	0	4	2
9	EC8611	Technical Seminar	Mr.A.Ravindran/ECE	0	0	2	1
10	HS8581	Professional Communication		0	0	2	1

Skill Rack : Ms.V.Subashini

HALL NO: IW2108

CLASS/SEC: III ECE / C
 Maharana, Ms.R.Janaki

CLASS COORDINATORS:, Mr.Ramaprasad

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am	11.55am- 12.35pm	L U N C H	1.15pm- 2.05pm	2.05pm- 2.55pm	3.10pm- 4.00pm
DAY								
Mon	EC8652	EC8004	SKILL RACK			EC8651	MG8591	EC8691
Tue	HS8581/PC LAB		EC8095	EC8691		EC8652	EC8004	EC8651
Wed	EC8095	EC8691	MG8591	EC8651		EC8681/MP & MC LAB		
Thur	EC8004	EC8652	EC8651(T)	MG8591		EC8095	EC8611/Technical Seminar	
Fri	EC8691	EC8661/VLSI DESIGN LAB				EC8652	EC8095	EC8004

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
		SIT/PRI/Academic Calendar/ODD Semester	2021-2022				

THEORY							
1	EC8691	Microprocessor and Microcontroller	Mr.S.Prasath Kumar/ECE	3	0	0	3
2	EC8095	VLSI Design	Ms.Sweetline Shamini/ECE	3	0	0	3
3	EC8652	Wireless Communication	Ms.G.P.Bharathi/ECE	3	0	0	3
4	MG8591	Principles of Management	Mr.V.Selvakumar/MB A	3	0	0	3
5	EC8651	Transmission lines and RF	Mr.R.P.Maha Rana/ECE	3	0	0	3
6	EC8004	Wireless Networks	Ms.R.Janaki/ECE	3	0	0	3
PRACTICAL							
7	EC8681	Microprocessor and Microcontroller Lab	Mr.S.Prasath Kumar/ECE	0	0	4	2
8	EC8661	VLSI Design Lab	Ms.Sweetline Shamini/ECE	0	0	4	2
9	EC8611	Technical Seminar	Ms.R.Janaki/ECE	0	0	2	1

10	HS8581	Professional Communication		0	0	2	1
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Skill Rack : Ms.R.Janaki

HALL NO: IW4105

CLASS/SEC: IV ECE / A
Ms.S.Deivanayagi

CLASS COORDINATORS: Mr.A.Ravindran,

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am		12.35pm - 1.15 pm	1.15pm- 2.05pm	2.05pm- 2.55pm	3.10pm- 4.00pm
DAY				L U N C H				
Mon	EC6802	EC6801	CS6003		GE6757	EC6811/PROJECT WORK		
Tue	EC6801	CS6003	GE6757		EC6801	GE6757	CS6003	EC6802
Wed	GE6757	EC6802	EC6801		EC6802	CS6003	EC6811/PROJECT WORK	

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
SIT/PRI/Academic Calendar ODD Semester 2021-2022							
							Page: 120 of

1	EC6801	Wireless Communication	Mr.A.Ravindran/ECE	3	0	0	3
2	EC6802	Wireless Networks	Mr.V.Narasimman/ECE	3	0	0	3
3	CS6003	Ad hoc and Sensors Networks	Dr.G.Thamarai Selvi/ECE	3	0	0	3
4	GE6757	Total Quality Management	Ms.S.Deivanayagi/ECE	3	0	0	3
PRACTICAL							
5	EC6811	Project Work	Mr.A.Ravindran/ECE	0	0	1 2	6

HALL NO: IW4110

CLASS/SEC: IV ECE / B
Shamini

CLASS COORDINATORS:Ms.K.Sumathi, Ms.Sweetline

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am	L U N C H	12.35pm - 1.15 pm	1.15pm- 2.05pm	2.05pm- 2.55pm	3.10pm- 4.00pm	
DAY									
Mon	EC6801	EC6802	CS6003			GE6757	EC6811/PROJECT WORK		
Tue	GE6757	CS6003	EC6802			EC6801	GE6757	EC6801	CS6003
Wed	CS6003	EC6802	EC6801		EC6802	GE6757	EC6811/PROJECT WORK		

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	EC6801	Wireless Communication	Ms.Sweetline Shamini/ECE	3	0	0	3
2	EC6802	Wireless Networks	Dr.G.Saravanan/ECE	3	0	0	3
3	CS6003	Ad hoc and Sensors Networks	Ms R.Lakshmi Devi/ECE	3	0	0	3
SIT/PRI/Academic Calendar/ODD Semester				2021-2022	Page: 122 of		

4	GE6757	Total Quality Management	Ms.D.Pushgara Rani/ECE	3	0	0	3
PRACTICAL							
5	EC6811	Project Work	Dr.G.Saravanan/ECE	0	0	1 2	6

HALL NO: IE4101

CLASS/SEC: IV ECE / C

CLASS COORDINATORS:

Ms.G.Valarmathi,Ms.K.Sivasankari

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am		12.35pm - 1.15 pm	1.15pm- 2.05pm	2 .05pm- 2.55pm	3.10pm- 4.00pm	
DAY					L				
Mon	GE6757	EC6801	EC6802	U	CS6003	EC6811/PROJECT WORK			
Tue	CS6003	EC6802	EC6801	N	GE6757	EC6802	GE6757	CS6003	
Wed	EC6802	GE6757	EC6801	C	CS6003	EC6801	EC6811/PROJECT WORK		
				H					

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	EC6801	Wireless Communication	Ms.G.Valarmathi/ECE	3	0	0	3
2	EC6802	Wireless Networks	Dr.S.Raja Rajan/ECE	3	0	0	3
3	CS6003	Ad hoc and Sensors Networks	Dr.R.Prabha/ECE	3	0	0	3
4	GE6757	Total Quality Management	Dr.Su.Suganthi/ECE	3	0	0	3
PRACTICAL							
5	EC6811	Project Work	Dr.R.Prabha/ECE	0	0	12	6

ODD SEMESTER 2019-2020(08.07.2019)

HALL NO: IS2102

SIT/PRI/Academic Calendar/ODD Semester 2021-2022
CLASS

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CLASS/SEC: II ECE / A

COORDINATORS:Ms.G.P.Bharathi,Ms.G.Valarmathi

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am - 11.55am	11.55am- 12.35pm	L U N C H	1.15pm- 2.05pm	2.05pm- 2.55pm	3.10pm- 4.00pm
DAY								
Mon	EC8393	MA8352	EC8391	EC8351		EC8392	EC8352	MA8352
Tue	EC8391	EC8351	EC8391	EC8393		EC8381/DS LAB		
Wed	EC8392	EC8393	EC8391			EC8352	HS8381/IS&LS LAB	
Thur	EC8351	EC8352	EC8392	EC8393		MA8352	LIBRARY	EC8392
Fri	EC8361/ADC LAB			MA8352		EC8351	EC8352(T)	SKILL RACK

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	MA8352	Linear Algebra and Partial Differential Equations	Dr.V.Yuvaraj/Maths	4	0	0	4
SIT/PRI/Academic Calendar/ODD Semester: 2021-2022							

2	EC835 1	Electronic Circuits- I	Dr.P.Saravanan/ECE	3	0	0	3
3	EC835 2	Signals and Systems	Ms.G.Valarmathi/EC E	4	0	0	4
4	EC839 1	Control System Engineering	Mrs.Thenmozhi/EEE	3	0	0	3
5	EC839 2	Digital Electronics	Ms.G.P.Bharathi/ECE	3	0	0	3
6	EC839 3	Fundamentals of Data Structures in C	Ms.J.M.Nandhini/IT	3	0	0	3
PRACTICAL							
7	EC836 1	Analog and Digital Circuits Laboratory	Dr.P.Saravanan/ECE	0	0	4	2
8	EC838 1	Fundamentals of Data Structures In C Laboratory	Ms.J.M.Nandhini/IT	0	0	4	2
9	HS838 1	Interpersonal Skills/Listening &Speaking	Ms.Poornima Varalakshmi/English	0	0	2	1

Library :Mr.Ramaprasad Maharana

Skill Rack: Ms.K.Sumathi

CLASS/SEC: II ECE / B
Ms.K.Sangeetha

CLASS COORDINATORS: Mr.N.Oral Roberts,

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am - 11.55am	11.55am- 12.35pm	L U N C H	1.15pm- 2.05pm	2.05pm- 2.55pm	3.10pm- 4.00pm
DAY								
Mon	EC8351	EC8393	HS8381/IS&LS LAB		MA8352	EC8392	EC8391	
Tue	EC8393	EC8381/DS LAB			EC8352(T)		MA8352	
Wed	EC8392	EC8352	EC8351	MA8352	EC8361/ADC LAB			
Thur	EC8391	EC8352	MA8352	EC8391	EC8351	EC8393	LIBRARY	
Fri	SKILL RACK	EC8351	EC8391	EC8352	EC8393	MA8352	EC8392	

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
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1	MA83 52	Linear Algebra and Partial Differential Equations	New Staff/Maths	4	0	0	4
2	EC835 1	Electronic Circuits- I	Mr.N.Oral Roberts/ECE	3	0	0	3
3	EC835 2	Signals and Systems	Dr.G.Thamaraiselvi/EC E	4	0	0	4
4	EC839 1	Control System Engineering	Mrs.Komalachitra/EEE	3	0	0	3
5	EC839 2	Digital Electronics	Ms.K.Sangeetha/ECE	3	0	0	3
6	EC839 3	Fundamentals of Data Structures in C	Ms.K.Sathyabama/CSE	3	0	0	3
PRACTICAL							
7	EC836 1	Analog and Digital Circuits Laboratory	Ms.K.Sangeetha/ECE	0	0	4	2
8	EC838 1	Fundamentals of Data Structures In C Laboratory	Ms.K.Sathyabama/CSE	0	0	4	2
9	HS838 1	Interpersonal Skills/Listening & Speaking	Mr.Ramesh Kumar/English	0	0	2	1

Library: Mr.V.Narasimman
Ms.S.Sweetline Shamini

Skill Rack:

HALL NO: IW3102

CLASS/SEC: III ECE / B

CLASS COORDINATORS:

Ms.S.Deivanayagi,Mr.V.Narasimman

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am	11.55am- 12.35pm	L U N C H	1.15pm- 2.05pm	2.05pm- 2.55pm	3.10pm- 4.00pm
DAY								
Mon	EC8073	EC8501	EC8553	OIT552		EC8561 CS LAB		
Tue	EC8501	EC8553	EC8551	EC8073		EC8551	EC8501	OIT552
Wed	EC8563 CN LAB			EC8551		EC8553	EC8552	EC8073
Thur	EC8552	EC8551	OIT552	EC8562 DSP LAB		EC8562 DSP LAB		SKILL RACK
Fri	EC8553	EC8073	EC8552	EC8501		OIT552	EC8553(T)	EC8552

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							

1	EC8501	Digital Communication	Mr.V.Narasimman/ECE	3	0	0	3
2	EC8551	Communication Networks	Dr.R.Prabha/ECE	3	0	0	3
3	EC8552	Computer Architecture and Organization	Ms.D.Rajalakshmi/ECE	3	0	0	3
4	EC8553	Discrete-Time Signal Processing	Dr.G.Thamaraiselvi/ECE	4	0	0	4
5	EC8073	Medical Electronics	Ms.S.Deivanayagi/ECE	3	0	0	3
6	OIT552	Cloud Computing	Mr.Gnanaprakasam/IT	3	0	0	3
PRACTICAL							
7	EC8561	Communication Systems Laboratory	Mr.V.Narasimman/ECE	0	0	4	2
8	EC8562	Digital Signal Processing Laboratory	Dr.G.Thamaraiselvi/ECE	0	0	4	2
9	EC8563	Communication Networks Laboratory	Dr.R.Prabha/ECE	0	0	4	2

HALL NO: IW2105

CLASS/SEC: III ECE / A
Dr.Su.Suganthi, Ms.R.Janaki

CLASS COORDINATORS:

TIME	9.10am - 10.00am	10.00am - 10.50am	11.05am- 11.55am	11.55am- 12.35pm	L U N C H	1.15pm- 2.05pm	2.05pm- 2.55pm	3.10pm- 4.00pm
DAY								
Mon	EC8501	EC8073	OIT552	EC8073		EC8552	EC8553	EC8551
Tue	EC8561 CS LAB			OIT552		EC8553	EC8552	OIT552
Wed	EC8553	EC8501	EC8551	EC8563 CN LAB		EC8563 CN LAB		SKILL RACK
Thur	EC8562 DSP LAB			EC8553		EC8501	EC8552	EC8073
Fri	EC8552	EC8073	EC8551	OIT552		EC8551	EC8501	EC8553(T)

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	EC8501	Digital Communication	Ms.R.Janaki/ECE	3	0	0	3

2	EC8551	Communication Networks	Ms.G.PBharathi/ECE	3	0	0	3
3	EC8552	Computer Architecture and Organization	Ms.Deepa/IT	3	0	0	3
4	EC8553	Discrete-Time Signal Processing	Mr.N.Oral Roberts/ECE	4	0	0	4
5	EC8073	Medical Electronics	Dr.Su.Suganthi/ECE	3	0	0	3
6	OIT552	Cloud Computing	Mr.Sanjar Khan/IT	3	0	0	3
PRACTICAL							
7	EC8561	Communication Systems Laboratory	Ms.R.Janaki/ECE	0	0	4	2
8	EC8562	Digital Signal Processing Laboratory	Mr.N.Oral Roberts/ECE	0	0	4	2
9	EC8563	Communication Networks Laboratory	Ms.G.PBharathi/ECE	0	0	4	2

Skill Rack : Ms.R.Lakshmi Devi

HALL NO: IW2108

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am	11.55am- 12.35pm	L U N	1.15pm- 2.05pm	2 .05pm- 2.55pm	3.10pm- 4.00pm
DAY								
Mon	SKILL RACK	EC8563 CN LAB				EC8501	EC8552	EC8073

Tue	EC8562 DSP LAB			OIT552	C H	EC8553	EC8551	EC8501
Wed	EC8552	EC8553	EC8501	EC8073		OIT552	EC8551	EC8552
Thur	EC8073	EC8551	OIT552	EC8551		EC8552	EC8073	EC8553(T)
Fri	EC8501	EC8553	OIT552	EC8553		EC8561 CS LAB		

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	EC8501	Digital Communication	Ms.D.Pushgara Rani/ECE	3	0	0	3
2	EC8551	Communication Networks	Ms.R.Lakshmi Devi/ECE	3	0	0	3
3	EC8552	Computer Architecture and Organization	Mr.Rayavel/CSE	3	0	0	3
4	EC8553	Discrete-Time Signal Processing	Ms.G.Valarmathi/ECE	4	0	0	4

5	EC8073	Medical Electronics	Dr.G.Saravanan/ECE	3	0	0	3
6	OIT552	Cloud Computing	Dr.Murugaradhadevi/IT	3	0	0	3
PRACTICAL							
7	EC8561	Communication Systems Laboratory	Dr.G.Saravanan/ECE	0	0	4	2
8	EC8562	Digital Signal Processing Laboratory	Ms.G.Valarmathi/ECE	0	0	4	2
9	EC8563	Communication Networks Laboratory	Ms.R.Lakshmi Devi/ECE	0	0	4	2

Skill Rack : Ms.G.Valarmathi

HALL NO: IW4105

CLASS/SEC: IV ECE / A
Mr.A.Ravindran

CLASS COORDINATORS: Ms.V.Subashini,

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am	L	12.35pm - 1.15 pm	1.15pm- 2.05pm	2 .05pm- 2.55pm	3.10pm- 4.00pm
DAY								
Mon	EC6703	EC6702	EC6701		EC6016	EC6711 ES LAB		

Tue	EC6016	EC6701	EC6004	U N C H	EC6702	EC6011	EC6702	MCQ
Wed	EC6701	EC6703	EC6011		EC6701	EC6703	EC6016	EC6004
Thur	EC6011	EC6004	EC6016		EC6702	EC6712 OML LAB		
Fri	EC6004	EC6703	EC6701		EC6703	EC6011	EC6004	EC6702

S.No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	EC6701	RF and Microwave Engineering	Ms.D.Pushgara Rani/ECE	3	0	0	3
2	EC6702	Optical Communication and Networks	Ms.V.Subashini/ECE	3	0	0	3
3	EC6703	Embedded and Real Time Systems	Mr.A.Ravindran/ECE	3	0	0	3

4	EC601 1	Electro Magnetic Interference and Compatibility	Mr.Ramaprasad Maharana/ECE	3	0	0	3
5	EC600 4	Satellite Communication	Mr.V.Narasimman/ECE	3	0	0	3
6	EC601 6	Opto Electronic Devices	Ms.S.Sweetline Shamini/ECE	3	0	0	3
PRACTICAL							
7	EC671 1	Embedded Laboratory	Mr.A.Ravindran/ECE	0	0	3	2
8	EC671 2	Optical and Microwave Laboratory	Ms.D.Pushgara Rani/ECE	0	0	3	2

MCQ: Ms.G.Saritha

HALL NO: IW4110

CLASS/SEC: IV ECE / B

CLASS COORDINATORS: Dr.R.Prabha,Ms.K.Sumathi

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am		12.35pm - 1.15 pm	1.15pm- 2.05pm	2 .05pm- 2.55pm	3.10pm- 4.00pm
DAY								

Mon	EC6702	EC6011	EC6702	L U N C H	EC6016	EC6701	EC6703	EC6004	
Tue	EC6016	EC6701	EC6004		EC6711 ES LAB				EC6011
Wed	EC6011	EC6004	EC6703		EC6701	EC6702	EC6703	EC6016	
Thur	EC6712 OML LAB				EC6701	EC6703	EC6004	EC6702	
Fri	EC6004	MCQ	EC6011		EC6702	EC6016	EC6701	EC6703	

S.No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	EC6701	RF and Microwave Engineering	Ms.S.Deivanayagi/ECE	3	0	0	3
2	EC6702	Optical Communication and Networks	Mr.S.Prasath Kumar/ECE	3	0	0	3

3	EC6703	Embedded and Real Time Systems	Dr.P.Saravanan/ECE	3	0	0	3
4	EC6011	Electro Magnetic Interference and Compatibility	Dr.S.Rajarajan/ECE	3	0	0	3
5	EC6004	Satellite Communication	Ms.R.Lakshmi Devi/ECE	3	0	0	3
6	EC6016	Opto Electronic Devices	Dr.R.Prabha/ECE	3	0	0	3
PRACTICAL							
7	EC6711	Embedded Laboratory	Mr.S.Prasath Kumar ECE	0	0	3	2
8	EC6712	Optical and Microwave Laboratory	Ms.S.Deivanayagi/ECE	0	0	3	2

MCQ:Ms.R.Janaki

HALL NO: IE4101

CLASS/SEC: IV ECE / C
Shamini,Ms.K.Sivasankari

CLASS COORDINATORS: Ms.S.Sweetline

TIME	9.10am - 10.00am	10.00am- 10.50am	11.05am- 11.55am	L U N C H	12.35pm - 1.15 pm	1.15pm- 2.05pm	2.05pm- 2.55pm	3.10pm- 4.00pm	
DAY									
Mon	EC6004	EC6702	EC6701			EC6016	EC6011	EC6701	EC6703
Tue	EC6016	EC6703	EC6016			EC6701	EC6004	EC6703	EC6702
Wed	EC6712 OML LAB					EC6702	EC6703	EC6011	EC6004
Thur	EC6702	EC6011	EC6004			EC6703	EC6016	EC6702	EC6701
Fri	EC6701	EC6004	MCQ			EC6711 ES LAB			EC6011

S. No	Subject Code	Subject Name	Staff/ Dept	L	T	P	C
THEORY							
1	EC6701	RF and Microwave Engineering	Ms.R.Janaki/ECE	3	0	0	3

2	EC670 2	Optical Communication and Networks	Ms.S.Sweetline Shamini/ECE	3	0	0	3
3	EC670 3	Embedded and Real Time Systems	Dr.Su.Suganthi/ECE	3	0	0	3
4	EC601 1	Electro Magnetic Interference and Compatibility	Dr.S.Rajarajan/ECE	3	0	0	3
5	EC600 4	Satellite Communication	Dr.G.Saravanan/ECE	3	0	0	3
6	EC601 6	Opto Electronic Devices	Ms.K.Sangeetha/ECE	3	0	0	3
PRACTICAL							
7	EC671 1	Embedded Laboratory	Dr.Su.Suganthi/ECE	0	0	3	2
8	EC671 2	Optical and Microwave Laboratory	Ms.S.Sweetline Shamini/ECE	0	0	3	2

- Teaching Load of each Faculty

SUBJECT ALLOCATION FOR ODD SEMESTER 2021-2022

	Name of the staff	THEORY SUBJECT		LAB	
		1	2		
	Marai Selvi	Control and Systems			
	Rajan	Control and Real Time Systems A			
	Pravanan	Control and Real Time Systems B	Control Systems Lab B		
	Pravanan	Control and Wireless Sensor Networks A	Control Systems Lab B		

	ha	e Learning Techniques	nication Networks		
			B		
	of the staff	THEORY SUBJECT		LAB	
		1	2		
	tha	Communication	magnetic Fields and ides	ed Systems Lab	
		A	B	A	
	aha Rana	nication Engineering	rocessor and ntroller Laboratory	hancement	
		B	A	A	
	vanayagi	Electronics	Circuits Laboratory		
		B	B		
	shmi Devi	nd Wireless Sensor cs	Lab	nication cs Laboratory	
		B	B	B	
		SIT/PR//Academic Calendar/ODD Semester 2021-2022			Page: 143 of

asankari	s and Automation	rocessor and ntroller D	rocessor and ntroller ory D	
ashini	and Microwave ring A	nication Engineering A	ed nication Lab A	
armathi	nication Engineering	Signal Processing ory C	hancement B	
tha	Communication B	Time Signal ng A	Signal Processing ory A	
of the staff	THEORY SUBJECT		LAB	
	1	2		
hgara Rani	nication Networks C	nication Networks ory C	Lab A	
ran	and Microwave ring B	nication Engineering	ed nication Lab B	

	aki	and Systems C	nication Networks A	nication s Laboratory A	
	ath Kumar	Time Signal Processing C	rocessor and ntroller B	rocessor and ntroller ory B	
	line Shamini	Electronics	nication Engineering C	nication Systems ory B	
	kataraman	magnetic Fields and ides A	Communication C	nication Systems ory C	
	dranath	Electronics A	Management	Circuits ory A	

O	e of the staff	THEORY SUBJECT		LAB	
		1	2		

	ah	Management	rocessor and ntroller	rocessor and ntroller Laboratory	
	harathi				
	AFF 1	Communication A(Lakshmi devi)	Electronics Deivanayagi)	nication Systems dry A(Pushgara Rani)	
	AFF 2	Time Signal ng B(Valarmathi)	rocessor and ntroller A(Rana)	Signal Processing dry B ravanan)	

SUBJECT ALLOCATION FOR EVEN SEMESTER 2020-2021

ID	Name of the staff	THEORY SUBJECT			LAB		Signature of the staff
		1	2	3			
	Amara Selvi	Magnetic A					
	A Rajan	amentals of ence					
	avanan	ic Circuits II B	Design and on Lab B	B			
	avanan	ual Property A	Work A	B			
	ganthi	nication C	LAB	EP LAB(1)			

	bha	s nication A	Work B	EP LAB(1)			
	Maha Rana	magnetic C	ssion Lines A	EP LAB(2)			
	ivanayagi	ual Property B	Principles and Design A	Lab			
	kshmi Devi	nication A	nication A	EP LAB(2)			
	ritha	magnetic B	rocessor and ntroller A	rocessor and ntroller Lab A			
	al Roberts	onal Ethics eering C	Work C	ANCEMENT A(EVEN)	magnetic A		

	Amathi	Professional Ethics in Engineering A	Principles and Design B	Lab			
	Dasankari	Integrated A	Integrated Lab A	Lab	NCEMEN (ODD)	EP	
	Dasbhashini	Communication B	Analog Circuits II A	Design and on Lab A			
	Daslarmathi	Communication C	Integrated B	Integrated Lab B			
	Dasreetha	Design B	Communication	Design Lab B			
	Dasshagara Rani	Professional Ethics in Engineering B	Integrated C	Integrated Lab C			

	Iran	ssion Lines B	Principles and Design	Lab			
	haki	s Networks	CEMENT ODD)	EP LAB(2)	Lab	al A & B	
	harathi	c Circuits II	s nication B	Design and on Lab A			
	sath Kumar	rocessor and ntroller B	rocessor and ntroller Lab B	EP LAB(1)	EMENT EVEN)		
	ntline Shamini	mage ng	sign B	sign Lab B	EP LAB(1)		

SUBJECT ALLOCATION FOR ODD SEMESTER 2020 - 2021

D	of the staff	THEORY SUBJECT			LAB		ure of the staff
		1	2	3			

	umarai Selvi	nd Systems					
	a Rajan	d and Real stems B					
	ganthi	d and Real stems A	nd Digital lication		d Systems Lab A		
	bha	lication C	lication Networks B		lication Networks lab B		
	avanan	d and Real stems C	lectronics t		d Systems Lab C		

	avanan	nd Wireless etworks A	Electronics B		ication Systems Lab B		
	Maha Rana	and ve ing C	rocessor and ntroller A		rocessor and ntroller Lab A		
	ivanayagi	nd Systems A	rocessor and ntroller		rocessor and ntroller Lab		
	kshmi Devi	nd Wireless etworks C	nd Digital ication		d Communication Lab C		
	riitha	rocessor and ntroller B	ication ing A		rocessor and ntroller Lab B		
	al Roberts	and ve ing	c Circuits –I		d Systems Lab B		

	mathi	processor and ntroller	ication ing		processor and ntroller Lab		
	rasankari	e Radio B	processor and ntroller C		processor and ntroller Lab C		
	bashini	ication B	c Circuits I t		d Communication Lab		
	larmathi	ication A	nd Systems t		nd Digital Circuits Lab		
	rasimman	c Circuits I t	ommunication A		ication Systems Lab A		
	etha	ication t	lectronics t		nd Digital Circuits Lab		
	shgara Rani	and ve ing A	ication ing		d Communication Lab A		
			SIT/PRI/Academic Calendar/ODD Semester 2021-2022				Page: 153 of

	Iran	and Digital ication	ication ing		rocessor and ntroller Lab		
	aki	e Radio A	Time Signal ng A		ignal Processing Lab A		
	harathi	ication s A	e Radio C		ication Networks lab A		
	sath Kumar	and Wireless etworks B	Time Signal ng B		Signal Processing Lab B		
	tlina Shamini	Electronics A	lectronic		and Digital circuits Lab		

SUBJECT PREFERENCE FOR EVEN SEMESTER 2019-2020

DEPARTMENT : ECE

D	of the staff	THEORY SUBJECT			LAB		ure of the staff
		1	2	3			

	umarai Selvi	nd Sensor s A)					
	a Rajan	s Networks E B)					
	ganthi	s Networks E A)	ality nent C)				
	bha	nd Sensor s C)	s Networks E B)		Work E C)		
	avanan	ntegrated B)	rocessor and ntroller E A)		rocessor and ntroller Lab A)		
	avanan	ication Theory A)	Networks A)		Work E A)		
			SIT/PRI/Academic Calendar/	ODD Semester	2021-2022		Page: 155 of

	Maha Rana	ssion lines C)	magnetic Fields A)		Design and on Lab B)		
	ivanayagi	rocessor and ntroller B)	ality nent A)		rocessor and ntroller Lab B)		
	kshmi Devi	nd Sensor s B)	Devices A)		and Devices A)		
	ritha	onal Ethics A)	Devices B)		and Devices B)		
	al Roberts	magnetic B)	ssion lines and A)				

	mathi	onal Ethics (C)	sign (B)		sign Lab (B)		
	vasankari	Computing (A)					
	bashini	ication (B)					
	larmathi	ntegrated (A)	ication (C)		ntegrated Lab (A)		
	rasimman	ication Theory (B)	Networks (C)		ntegrated Lab (B)		
	etha	sign (A)	c Circuits II (B)		sign Lab (A)		
	shgara Rani	ication (A)	ality nent (B)				

	Iran	ication A)	ssion lines and B)		Work A)		
	aki	Networks C)					
	harathi	c Circuits II A)	ication C)		Design and on Lab A)		
	sath Kumar	ccessor and ntroller C)	onal Ethics B)		ccessor and ntroller Lab C)		
	tlina Shamini	ication B)	sign C)		sign Lab C)		

SUBJECT ALLOCATION FOR ODD SEMESTER 2019-2020

	of the staff	THEORY SUBJECT		LAB	ure of the staff
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	1	2	3			
amarai Selvi	nd Systems B	Time Signal g B		ignal g Lab B		
a Rajan	Magnetic nce and pility B	Magnetic nce and pility C		ed Systems C		
ganthi	ed and Real stems B	Electronics A		ed Systems B		
bha	ctronic B	ication s B		ication s lab B		
avanan	ed and Real stems C	c Circuits –I A		nd Digital Lab		

	avanan	ication C	Electronics C	ication Lab C		
	Maha Rana	Magnetic nce and bility A	rocessor and ntroller	rocessor and ntroller Lab		
	ivanayagi	Microwave ing B	Electronics B	nd ve Lab B		
	kshmi Devi	ication B	ication s C	ication s lab C		
	ritha	rocessor and ntroller	nd Digital ication	rocessor and ntroller Lab		
	al Roberts	Time Signal ng A	c Circuits –I	ignal ng Lab A		

	mathi	nd Digital ication	ication ing		ystems Lab		
	rasankari	ication ing	inciples and Design		ystems Lab		
	bashini	Communication orking B	nd Digital ication		ystems Lab		
	larmathi	Time Signal ng C	nd Systems		ignal ng Lab C		
	rasimman	ication A	ommunication B		ication Lab B		
	etha	ectronic C	lectronics		nd Digital Lab		
	shgara Rani	Microwave ing A	ommunication C	SIT/PRI/Academic Calendar/	nd ve Lab A	2021-2022	

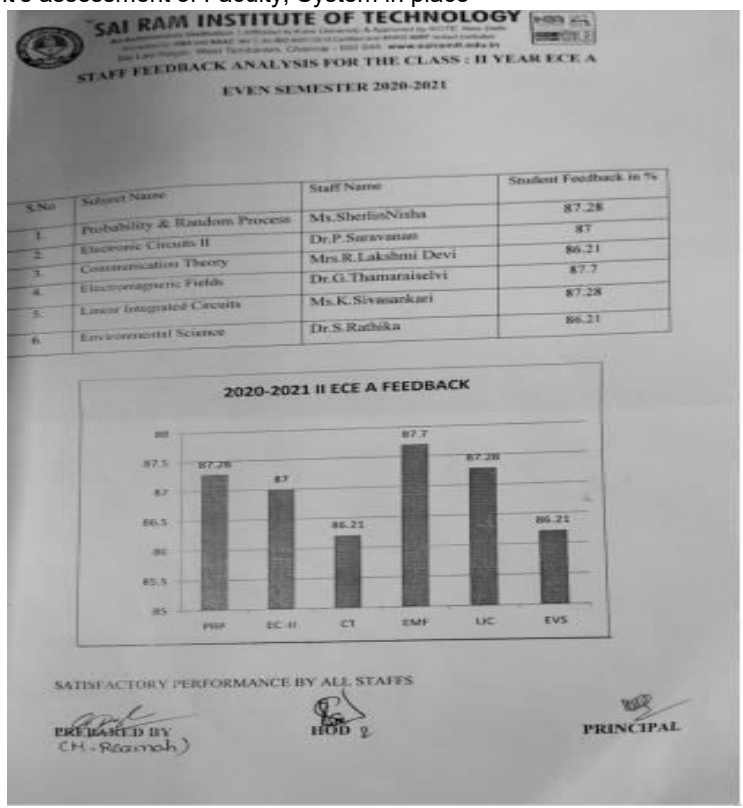
Iran	ed and Real stems A	ication ing		ed Systems A		
aki	Microwave ing C	ommunication A		ication Lab A		
harathi	ication s A	lectronics A		ication s lab A		
sath Kumar	Communication orking A	rocessor and ntroller		rocessor and ntroller Lab		
tlne Shamini	Communication orking C	ctronic Devices A		nd ve Lab C		

• Internal Continuous Evaluation System and place

The Institution carefully follows the assessment technique endorsed by Anna University. The assessment weight age is 20 for continuous assessment tests and 80 for the end-semester. The academic schedule for every semester is set up in accordance with the University timetable of events, which gives the data about planned timetable for internal assessments, model assessments and the provisional timetable of University practical assessments concerning plan to the academic curriculum. The question paper pattern for the internal examinations has been

normalized by the institution, like that of University end semester question paper containing Part A, Part B and Part C questions as appropriate. Interior Assessment I covers Unit I and II, Internal evaluation II covers Unit III and IV and model assessment covers the entire syllabus of a specific subject. Faculties prepare three sets of question papers with respect to the tests and provide it to the exam cell, wherein the Head of the Institution select a question paper from the set and it is disseminated to the students at the time of assessment. Students' marks are distributed to the students immediately after the completion of assessment.

- Student's assessment of Faculty, System in place





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STAFF FEEDBACK ANALYSIS FOR THE CLASS : IV YEAR ECE B
ODD SEMESTER 2020-2021

S.No	Subject Name	Staff Name	Student Feedback in %
1.	Antenna and wave propagation	Mr.N.Ocaboberts	97.22
2.	Optical Communication and Networking	Mrs.V.Sabashini	94.85
3.	Embedded and real systems	Dr.Rajarajan	96.34
4.	Adhoc and Wireless sensor Networks	Mr.Pranath Kumar	95.23
5.	Machine Learning Techniques	Mrs.R.Sivasankar	95.48
Elective subject			
6.	Environmental and social impact	Mr/M.Murugesu	93.88
7.	Industrial Safety	Mrs.R.M.Asha	100

SATISFACTORY PERFORMANCE BY ALL STAFFS

PREPARED BY:  HOD  PRINCIPAL

STUDENTS RESPONSE SHEET

SL.NO	NAME OF THE STUDENT	REGISTER NUM	1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.	14.	15.	16.	17.	18.	19.	20.	21.	22.	23.	24.	25.	26.	27.	28.	29.	30.	
1	Rajesh S	412419106059	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
2	Varadharaj K	412419106092	5	4	4	5	5	4	4	5	4	5	4	5	4	4	4	5	5	4	5	4	4	5	5	4	5	4	4	4	4	4	
3	SHARMITHA S	412419106077	5	5	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
4	SNEHA GANESH	412419106083	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
5	Harini K	412419106025	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
6	Ramesh Kumar. V	412419106060	4	5	5	4	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
7	SHYMALAVANNAN M	412419106080	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
8	Nandhakumar s	412419106045	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
9	Jefrin J M	412419106034	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
10	Aiswarya S	412419106003	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
11	Arun Prasad AG	412419106009	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
12	SARAAVATHY P	412419106071	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	
13	V VAISHNAVI	412419106091	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
14	Rinthya M	412419106061	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
15	DANUJAA R	412419106013	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
16	SURIYA K S	412419106088	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
17	POOJA P	412419106049	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
18	navin kumar G	412419106047	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
19	Jeremin S H	412419106035	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
20	SARAN R	412419106072	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5

- **For each Post Graduate Courses give the following:**

- Title of the Course
- Curricula and Syllabi
- Laboratory facilities exclusive to the Post Graduate Course

- **Special Purpose**

- Software, all design tools in case
- Academic Calendar and framework

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

FACULTY PROFILE



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Accredited by NBA and NAAC 'A+' | An ISO 9001:2015 Certified and MHRD NIRF ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



Name : Dr. M. Pown
Designation : Assistant Professor (III)
DOB : 20/10/1990
Unique ID (College ID) : IT21EC03
Email : pown.ece@sairamit.edu.in

Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	March 2012	Anna University, Chennai	76.095%	First
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	June 2014	Anna University, Chennai	73.625%	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	December 2020	VLSI Design	VIT, Vellore		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : VLSI Design
Research Interest : Semiconductor Devices and Circuits
Experience in years : Teaching Research Industry Others
Courses Taught in UG / PG Level :
1.-
2.-
3.-
No. of Workshop/Conferences/
FDP attended : Workshop 4 Conferences 3 FDP 7
No. of Workshop/Conferences/
FDP Organized : Workshop - Conferences - FDP -

Professional Membership	IEEE, ISTE		
Publications	No. of papers published in National Journals / Conferences : 03		
	No. of papers published in International Journals / Conferences: 08		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
Nil	NA	NA	
Research Guidance	No.Of UG Students Guided: 10 No.Of PG Students Guided: 03 No.Of Ph.Ds Guided: NA		
Research Funded Projects	Nil		
Patents	Filed:01 Granted: Nil Title of the invention: HEAT ENHANCEMENT TECHNIQUES IN MODIFIED SOLAR DRYER Publication Date : 24/12/2021		
Technology Transfer	<ol style="list-style-type: none"> 1. Presented a Special Lecture on Basic Electronics under Electronics Spark Program for the 1st year students as an Ice Breaking Session on Electronics on 12th March, 2018. 2. Presenting a Special Lecture on Fundamental concepts on Electronics under Electronics Spark Program for the 1st and 2nd year students on 22, Jan 2019. 3. Presented a two week course on A Foundation Course on Electronics under Electronics Spark Program for 1st year students on 11 Jan to 22 Jan 2021. 		
Achievements	<ol style="list-style-type: none"> 1. Attended and completed successfully 3 NPTEL courses 		
Any Other Information			

	Teaching	Research	Industry	Others
	1. FDP - 15			
	2. IC - 5			
	3. NC - 02			
No. of Workshop/Conferences/ FDP attended	Workshop 04	Conferences 5	FDP 21	
No. of Workshop/Conferences/ FDP Organized	Workshop Nil	Conferences Nil	FDP 01	



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Name : Mrs Chitra V
Designation : Assistant Professor G-III
DOB : 27/05/1972
Unique ID (College ID) : IT21EC02
Email : chitra.ece@sairamit.edu.in

Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	BE	April, 1996	Regional Engineering College, Trichy, Bharathidasan University	59%	II
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	ME	April, 2008	College of Engineering, Guindy, Chennai, Anna University	7.9 (CGPA)	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Pursuing	Fractal Antennas	Bharath University		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Applied Electronics

Research Interest : Antennas

Experience in years :

Courses Taught in UG / PG Level :
EMF, RF and Microwave,
Antennas and EMI & EMC, FOC

Any Other Information	<p>Additional Responsibilities in Institution</p> <ol style="list-style-type: none">1. Additional class coordinator and mentor2. Swachh Bharat additional administrator for campus (water management)3. Unnat Bharat Abhiyan additional administrator for campus <p>Previous work experience</p> <p>Technical writer for Tutorialspoint (May 2021-July 2021)</p>
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Professional Membership	IEEE: ID-98091499		
Publications	No. of papers published in National Journals / Conferences : 3		
	No. of papers published in International Journals / Conferences: 4		
	No. of Books published : NIL		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: 4 batches No.Of PG Students Guided: NA No.Of Ph.Ds Guided: NA		
Research Funded Projects	Worked as project assistant under the guideship of Dr. H Umma Habiba (Former Professor, ECE Dept., SVCE, Ch 602 117) on the ISRO RESPOND funded project " Design and Development of Ku-band Tx/Rx Reflectarray Antenna for Satellite Applications " (2019-2020)		
Patents	Filed: NIL Granted: NIL		
Technology Transfer			
Achievements	<ol style="list-style-type: none"> 1. Best Outgoing PG Student (2018-2020 batch) 2. Gold Medalist in M.E Communication Systems (2018-2020) 3. Successfully completed NITTT Module 1 "Orientation towards Technical Education and Curriculum Aspects" (December 2021) 4. Successfully completed online certificate courses 'Understanding Research Methods' (Coursera, 2021) 'Positive Psychology' (Coursera, 2021) 'Principles of Modern CDMA/MIMO/OFDM Wireless Communications' (NPTEL, 2017) 'CST Antenna Design' (Udemy, 2021) 'Instructional Design' (Udemy, 2022) 'Remote Teaching Online' (Udemy, 2021) 5. Best Paper Award for presentation of 'Automatic Retrieval of Trolleys in Airports", in IETE ISTF National Conference, conducted in Kongu Engineering College, in 2017 6. Elite award for successful completion of the course 'Certified Automation Engineer' from Technocrat Automation, Chennai, 2017 		



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Name : VENKATRAMAN S
Designation : ASSISTANT PROFESSOR Gr III
DOB : 20.09.1996
Unique ID (College ID) : IT21EC01
Email : venkatraman.ece@sairamit.edu.in



Qualification : M.E Communication Systems

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	04/2018	ANNA UNIVERSITY	80.70	FIRST
PG	M.E/M.Tech/M.Sc./ M.A./MBA/MEd.	Date of Completion	University	% of Marks	Class
	M.E	05/2020	ANNA UNIVERSITY	96.10	FIRST WITH DISTINCTION
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	NA	NA	NA		
SLET Marks	NET Marks	Date of Eligibility			
NA	NA				

Area of Specialization : RF & Microwave Engg. & Wireless Communication

Research Interest : Reflectarray antenna design for satellite communications

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level :
1. Digital Co-munication
2. Electronic Circuits II
3. Electromagnetic fields and waveguides
4. Digital Principles of System Design

No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Professional Membership	INDIAN SOCIETY FOR TECHNICAL EDUCATION Membership Number:LM 128076 IEEE MEMBERSHIP 98092225 INTERNATIONAL ASSOCIATION OF ENGINEERS – IAENG Membership Number:216304						
Publications	No. of papers published in National Journals / Conferences :3						
	No. of papers published in International Journals / Conferences:-3						
	No. of Books published :						
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-	-
Name of the Book	ISBN No:	Year of Publication					
-	-	-					
Research Guidance	No.Of UG Students Guided:- No.Of PG Students Guided:- No.Of Ph.Ds Guided:-						
Research Funded Projects	-						
Patents	Filed:2 Granted:						
Technology Transfer	-						
Achievements	Completed NPTEL courses on 1.Design for Internet of Things 2.Electronic Modules for Industrial applications using op amp 3.Stress Management Published a book chapter entitled “ENERGY AND POWER” in the book “COVID 19 and its IMPACT”. ISBN:978-81-947019-4-1						
Any Other Information	Achieved 100% result in Linear Integrated Circuits. Achieved 100% result in Electronic devices and circuits.						



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Name : M.RAZMAH
Designation : Assistant Professor Gr-III
DOB : 07.04.1986
Unique ID (College ID) : IT14EC02
Email : razmah.cce@sairamit.edu.in



Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	30.04.2008	Anna University	78	I
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	30.04.2010	Anna University	7.9/10	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Applied Electronics

Research Interest : -

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level : 1.Embedded Systems
2.Linear Integrated Circuits
3.Electronic devices and

No. of Workshop/Conferences/
FDP attended

Workshop Conferences FDP

No. of Workshop/Conferences/
FDP Organized

Workshop Conferences FDP

Professional Membership	IEEE,ISTE,IEI		
Publications	No. of papers published in National Journals / Conferences :04		
	No. of papers published in International Journals / Conferences:05		
	No. of Books published :Nil		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: 04 No.Of PG Students Guided:Nil No.Of Ph.Ds Guided:Nil		
Research Funded Projects	NIL		
Patents	Filed:01 Granted:Nil		
Technology Transfer	E-Learning		
Achievements	Got silver medal in NPTEL exam Consistent ATAL mentor		
Any Other Information	NIL		

- 1.MPMC
- 2.DE
- 3. CA

Research -
Industry

Workshop

Conferences 10
FDP

8

12

Workshop

3
Conferences
FDP

-

-



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Name : **S.SURENDERANATH**
 Designation : **ASSISTANT PROFESSOR G-III**
 DOB : 17.08.1984
 Unique ID (College ID) : IT13EC06
 Email : surenderanath.ece@sairamit.edu.in

Qualification					
UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E/	30.04.2006	Anna	69	I
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	01.12.2009	Anna	7.33	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Applied Electronics
 Research Interest : Medical Image Processing
 Experience in years : Workshop/Conferences/ FDP attended : Teaching
 Courses Taught in UG / PG Level : No. of _____ No. of Workshop/Conferences/ FDP Organized : _____

Professional Membership	IETE,ISTE,IEEE		
Publications	No. of papers published in National Journals / Conferences :3		
	No. of papers published in International Journals / Conferences:10		
	No. of Books published :NIL		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided:NIL No.Of PG Students Guided:NIL No.Of Ph.Ds Guided:NIL		
Research Funded Projects	NIL		
Patents	Filed:NIL Granted:NIL		
Technology Transfer			
Achievements	NIL		
Any Other Information	NIL		



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Name : **S.PRASATH KUMAR**
 Designation : **ASSISTANT PROFESSOR**
 DOB : 05-05-1990
 Unique ID (College ID) : IT15EC03
 Email : prasathkumar.ccc@sairamit.edu.in



Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E ECE	30.04.2011	ANNAUNIVERSITY	70	I
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E EMBEDDED SYSTEM TECHNOLOGIES	12.07.2013	ANNAUNIVERSITY	8.35 CGPA	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : EMBEDDED SYSTEMS

Research Interest :

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level :

- 1.DSP
- 2.DE
- 3.MP&MC

No. of Workshop/Conferences/
FDP attended

Workshop Conferences FDP

No. of Workshop/Conferences/
FDP Organized

Workshop Conferences FDP

Professional Membership	IEEE,ISTE,IETE		
Publications	No.of papers published in National Journals / Conferences :01		
	No.of papers published in InternationalJournals / Conferences:10		
	No.of Books published :01		
	Name of the Book	ISBN No:	Year of Publication
RECENT TRENDS IN INTENSIVE COMPUTING	978-1-64368-216-7	2021	
Research Guidance	No.Of UG Students Guided:Nil No.Of PG Students Guided:Nil No.O/Ph.DsGuided:Nil		
Research Funded Projects	NIL		
Patents	Filed:02 Granted:Nil		
Technology Transfer	E-Learning		
Achievements	1.Top 5% in NPTEL exam 2.Acted as ATAL mentor 3.Received top mentor certificate from placement		
Any Other Information	100% result for many subjects		



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Name : S.SWEETLINE SHAMINI
Designation : ASSISTANT PROFESSOR G-III
DOB : 03.06.1989
Unique ID (College ID) : IT17EC03
Email : sweetslineshamini.ccc@sairamit.edu.in

Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	30.04.2010	Anna university	74	First Class
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	30.06.2012	Anna university	87.2	First Class with Distinction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Applied Electronics
ResearchInterest : Medical Image Processing
Experienceincars : Teaching Research- Industry Other
Courses Taught in UG / PG Level : VLSI,OCN,DE
DTSP,ME,WC,
DC,CE
No. of Workshop/Conferences/
FDPattended : Workshop Conferences FDP
No. of Workshop/Conferences/
FDPOrganized : Workshop Conferences FDP

Professional Membership	IEANG, IEEE,ISTE, IETE		
Publications	No. of papers published in National Journals / Conferences : 2		
	No. of papers published in International Journals / Conferences:6		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
Emerging technologies in Engineering research	978-93-5419-211-1	2020	
Research Guidance	No.Of UG Students Guided: - No.Of PG Students Guided:- No.Of Ph.Ds Guided:-		
Research Funded Projects	-		
Patents	Filed:1 Granted:		
Technology Transfer	-		
Achievements	<ul style="list-style-type: none"> ▪ Obtained 100% In Rf And Mw Engineering ▪ Obtained 100% In Computer Networks ▪ Obtained 100% In Cognitive Radio ▪ Obtained 100% In Digital Communication ▪ Obtained 100% In Principles Of Dsp ▪ Obtained Nptel Elite In Outcome Based Pedagogic Principles For Effective Teaching ▪ Obtained Nptel Elite + Silver In Evolution Of Air Interface Towards 5g 		
Any Other Information			



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Name : **R JANAKI**
Designation : **ASSISTANT PROFESSOR-III**
DOB : 10-05-1983
Unique ID (College ID) : IT13EC05
Email : janaki.ece@sairamit.edu.in



Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E., ECE	APRIL 2004	UNIVERSITY OF MADRAS	85	FWD
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.E., Applied Electronics	MAY 2009	ANNA UNIVERSITY	77	FC
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
--	--				

Area of Specialization : Applied Electronics
Research Interest : Deep Learning, Wireless networks
Experience in years : Teaching Research Industry Others
Courses Taught in UG / PG Level :
1. Signals and Systems
2. Principles of DSP
3. Wireless Networks
No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP
No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Professional Membership	IEEE,ISTE,IETE		
Publications	No. of papers published in National Journals / Conferences :07		
	No. of papers published in International Journals / Conferences:12		
	No. of Books published :01		
	Name of the Book	ISBN No:	Year of Publication
Management Analytics and software Engineering	978-81-950305-5-2	2021	
Research Guidance	No.Of UG Students Guided:Nil No.Of PG Students Guided:Nil No.Of Ph.Ds Guided:Nil		
Research Funded Projects	NIL		
Patents	Filed:01 Granted:Nil		
Technology Transfer	E-Learning		
Achievements	Top 2% in NPTEL exam Consistent ATAL mentor Department top mentor in placement Department second top mentor in PGPA		
Any Other Information	NIL		



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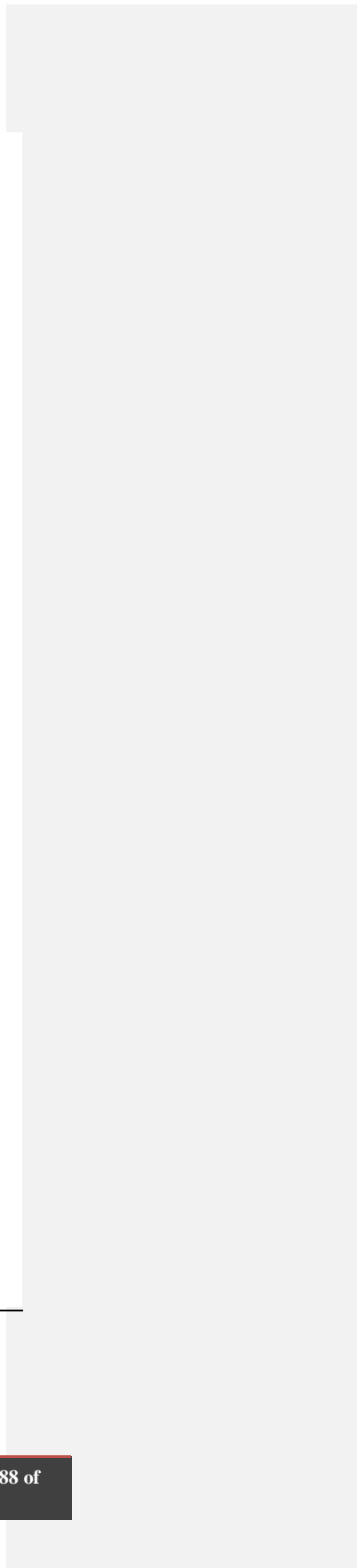
Name : **D.PUSHGARA RANI**
Designation : **ASSISTANT PROFESSOR G-II**
DOB : 26.08.1979
Unique ID (College ID) : IT13EC02
Email : pushgararani.ece@sairamit.edu.in



Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E/	30.04.2001	Madras	71.1	I
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	30.06.2004	Anna	82	I with Distinction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Applied Electronics
 Research Interest : Medical Image Processing
 Experience in years : Teaching Research Industry Other
 Courses Taught in UG / PG Level :
 1. RF and Microwave Engineering
 2. LIC
 3. CT
 No. of Workshop/Conferences/
 FDP attended : Workshop Conferences FDP
 No. of Workshop/Conferences/
 FDP Organized : Workshop Conferences FDP



Professional Membership						
Publications	No. of papers published in National Journals / Conferences :3					
	No. of papers published in International Journals / Conferences:9					
	No. of Books published :-					
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-
Name of the Book	ISBN No:	Year of Publication				
-	-	-				
Research Guidance	No.Of UG Students Guided:12 No.Of PG Students Guided:Nil No.Of Ph.Ds Guided:Nil					
Research Funded Projects	Nil					
Patents	Filed:1 Granted:Nil					
Technology Transfer	Nil					
Achievements	Published 5 papers in Scopus indexed journal Completed 6 NPTEL certified courses. Atal Mentor					
Any Other Information	Nil					



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Name : K.SANGEETHA
Designation : ASSIATANT PROFESSOR GRADE-II
DOB : 14.07.1984
Unique ID (College ID) : IT12EC06
Email : sangeetha.ece@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	BE-ECE	MAY 2005	ANNA UNIVERSITY	77	I CLASS WITH DISTINCTION
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	ME-VLSI Design	APRIL 2009	ANNA UNIVERSITY	84	I CLASS WITH DISTINCTION
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : VLSI Design
Research Interest : Sensor networks
Experience in years : Teaching Research Industry Others
Courses Taught in UG / PG Level : 1.VLSI
2.Optical
Communication
3.Wireless
communication
No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP
No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Professional Membership	IEEE,ISTE, IETE,IAENG		
Publications	No. of papers published in National Journals / Conferences :9/10		
	No. of papers published in International Journals / Conferences:5/7		
	No. of Books published :BOOK CHAPTER 1		
	Name of the Book	ISBN No:	Year of Publication
EMERGING TECHNOLOGIES IN ENGINEERING RESEARCH	9789354192111	2021	
Research Guidance	No.Of UG Students Guided:15 No.Of PG Students Guided:NIL No.Of Ph.Ds Guided:NIL		
Research Funded Projects	-		
Patents	Filed:2 Granted:-		
Technology Transfer	-		
Achievements	1.Obtained Top5% in stress management course from NPTEL during Aug Sep 2018 2.Achieved top 5%in Emotional Intelligence course by NPTEL during Jan-Mar 2020 3.Got 'Best Women Faculty award ' on 31.12.2020 given by DK International research Foundation 4.Obtained NPTEL Elite in digital circuits		
Any Other Information	Achieved 100% result in Electronic circuits, Achieved 100% result in Analog and Digital Communication, Achieved 100% result in Digital Signal Processing.		



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Name : V.SUBASHINI
Designation : ASSISTANT PROFESSOR
DOB : 01-06-1980
Unique ID (College ID) : IT12EC02
Email : subashini.ece@sairamit.edu.in

COLOR PASSPORT
SIZE OFFICIAL
PHOTO



Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E(ECE)	JUNE 2001	MADRAS UNIVERSITY	76%	FIRST CLASS WITH DISTN
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	JUNE 2011	ANNA UNIVERSITY	8.25CGPA	FIRST
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	DOING				
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : COMMUNICATION ENGINEERING

Research Interest : ANTENNA DESIGN

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level :
1.ELECTRONIC
DESIGN,2.ADC

No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Professional Membership	IEEE, IETE,ISTE		
Publications	No. of papers published in National Journals / Conferences : 6 (Journals), 4 (Conferences)		
	No. of papers published in International Journals / Conferences: 4 (Journals) 5 (Conferences)		
	No. of Books published : 1 (Book Chapter)		
	Name of the Book	ISBN No:	Year of Publication
	Emerging Technologies in Engineering Research – Chapter 26	978-93-5419-211-1	2020
Research Guidance	No.Of UG Students Guided: - No.Of PG Students Guided: - No.Of Ph.Ds Guided: -		
Research Funded Projects	NIL		
Patents	Filed: Granted:1(Published)		
Technology Transfer	-		
Achievements	Achieved 100% result in Cognitive Radio, Microprocessors and microcontrollers, Wireless Communication Got elite certificate in NPTEL (Digital Circuits, Interpersonal Skills)		
Any Other Information	One of the consistent mentors of ATL Tinkerpreneur 2021 Completed 2 modules in NITTT		



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Name : K. SIVASANKARI
Designation : ASSISTANT PROFESSOR
DOB : 21.05.1985
Unique ID (College ID) : IT12EC01
Email : sivasankari.ece@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B. E	April 2006	Anna University	81	First class with Distinction
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M. E	April 2008	Anna University	9.44	First class with Distinction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	-	-	-		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Wireless Technologies
Research Interest : Digital Image Processing
Experience in years : Teaching Research Industry Others
Courses Taught in UG / PG Level :
1. WC
2. DE
3. LIC
No. of Workshop/Conferences/ FDP
attended : Workshop Conferences FDP
No. of Workshop/Conferences/ FDP
Organized : Workshop Conferences FDP

Professional Membership	ISTE,IETE,IEEE		
Publications	No. of papers published in National Journals / Conferences :4		
	No. of papers published in International Journals / Conferences: 12		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	nil		
Research Guidance	No.Of UG Students Guided: NIL No.Of PG Students Guided: NIL No.Of Ph.Ds Guided: NIL		
Research Funded Projects	Funded project from DST sanctioned with an amount of 1,00,000		
Patents	Filed: 01 (Women self defense system) Granted:		
Technology Transfer	nil		
Achievements	1. Funded project from DST		
Any Other Information	-		



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Name : **R.LAKSHMI DEVI**
Designation : **ASSISTANT PROFESSOR**
DOB : 11.12.1981
Unique ID (College ID) : IT10EC02
Email : lakshmidevi.ece@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Tech	3.11.2003	Pondicherry University	65	First
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.Tech	10.5.2006	Pondicherry University	75	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Registered	Wireless Communication	Puducherry Technological UNiversity		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Communication and Networking

Research Interest : Wireless Communication

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level :

- 1. Wireless Communication
- 2. Satellite communication
- 3. Ad hoc and Wireless Network

No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Professional Membership	IEEE, ISTE, IETE, IAENG		
Publications	No. of papers published in National Journals / Conferences :8		
	No. of papers published in International Journals / Conferences: 22		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	Book Chapter -2		2021
Research Guidance	No.Of UG Students Guided: 50 No.Of PG Students Guided: No.Of Ph.Ds Guided:		
Research Funded Projects	Nil		
Patents	Filed: 1 and published One Granted:		
Technology Transfer	Nil		
Achievements	GOLD Medalists in M.E. Best Faculty Award for the year 2021 Good mentoring certificate from Rathinam International Public school, Coimbatore ,		
Any Other Information			

No. of Workshop/Conferences/
FDPattended

Workshop

Conference

FDP

No. of Workshop/Conferences/
FDPOrganized

Workshop

Conference

FDP



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Name : Ms. G. VALARMATHI
Designation : Assistant Professor
DOB : 12.07.1977
Unique ID (College ID) : IT12EC04
Email : valarmathi.ece@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./B.A/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E.-ECE	April '99	Bharathiyar University	72.2 %	First class
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E.- Medical Electronics	May 2006	Anna University	8.1 CGPA	First Class with Distinction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Pursuing				
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Medical Image Processing

Research Interest : Bio signal & Image processing

Experience in years : Teaching Research Industry others

Courses Taught in UG / PG Level :
1. Signals & systems
2. Discrete time signal processing
3. Medical Electronics

Professional Membership	IEEE, IETE,ISTE		
Publications	National :8		
	International:7		
	Book :2		
	Name of the book	ISBN no	Year of Publication
	Management Analytics and software Engineering	978-81-950305-5-2	2021
	Emerging Technologies in Engineering Research	978-93-5419-211-1	2020
Research Funded Projects	Nil		
Patents	Application No.: 202041018449 A Title of the invention : VEHICULAR POLLUTION MONITORING AND RISK MANAGEMENT SYSTEM		
Achievements	One of the 56 Top performing and most popular mentors of ATL Tinkerpreneur 2021		
Any Other Information	Achieved 100% result in Signals and systems, Microprocessors and microcontrollers, Digital principles and system design, Intellectual property Rights		



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

Name : **Mrs. S.DEIVANAYAGI**
 Designation : **ASSOCIATE PROFESSOR**
 DOB : 15.08.1979
 Email : deivanayagi.ece@sairamit.edu.in
 Qualification : M.Tech (Ph.D)



Specialization : Electronics and Communication Engineering

Research Interest : Digital Image Processing

Experience in years : **Teaching** UG PG **Industry**
 MPMC,LIC,DE,RF

Courses Taught in UG / PG : Workshop Conferences FDP

No. of Workshop/Conferences/ FDP attended Workshop Conferences FDP

No. of Workshop/Conferences/ FDP Organized

Professional Membership	IEEE, ISTE ,IETE ,IEI
Publications	National :5
	International:2
	Book :
Research Funded Projects	
Patents	01
Achievements	Achieved best faculty Adviser award from IEI
Any Other Information	Achieved 100% result in Electromagnetic fields ,Transmission Lines and Signals and systems



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Name : **RAMAPRASAD MAHARANA**
Designation : **ASSISTANT PROFESSOR**
DOB : 07.07.1977
Email : ramaprasad.ece@sairamit.edu.in
Qualification : ME
Specialization : Industrial Engineering and Management
ResearchInterest : Antenna Design using Composite Materials
Experienceinyears : Teaching UG PG Industry
Courses Taught in UG / PG : EEElectromagnetic Fields
Antenna and RF



No. of Workshop/Conferences/
FDPattended : Workshop Conferences FDP
No. of Workshop/Conferences/
FDPOrganized : Workshop Conferences FDP

Professional Membership	<ul style="list-style-type: none"> • IEEE (98101854) • IETE (AM-235828) • IAENG (237751) 						
Publications	No. of papers published in National Journals / Conferences : nil						
	No. of papers published in International Journals / Conferences: 9						
	No. of Books published : nil						
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication			
Name of the Book	ISBN No:	Year of Publication					
Research Guidance	No.Of UG Students Guided: nil No.Of PG Students Guided: nil No.Of Ph.Ds Guided: nil						
Research Funded Projects	nil						
Patents	Filed: nil Granted: nil						
Technology Transfer	nil						
Achievements	nil						
Any Other Information	nil						



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Name : Dr. M. Pown
Designation : Assistant Professor (III)
DOB : 20/10/1990
Unique ID (College ID) : IT21EC03
Email : pown.ece@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	March 2012	Anna University, Chennai	76.095%	First
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	June 2014	Anna University, Chennai	73.625%	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	December 2020	VLSI Design	VIT, Vellore		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : VLSI Design
Research Interest : Semiconductor Devices and Circuits
Experience in years : Teaching Research Industry Others
Courses Taught in UG / PG Level :
1.-
2.-
3.-
No. of Workshop/Conferences/
FDP attended : Workshop 4 Conferences 3 FDP 7
No. of Workshop/Conferences/
FDP Organized : Workshop - Conferences - FDP -

Professional Membership	IEEE, ISTE		
Publications	No. of papers published in National Journals / Conferences : 03		
	No. of papers published in International Journals / Conferences: 08		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
Nil	NA	NA	
Research Guidance	No.Of UG Students Guided: 10 No.Of PG Students Guided: 03 No.Of Ph.Ds Guided: NA		
Research Funded Projects	Nil		
Patents	Filed:01 Granted: Nil Title of the invention: HEAT ENHANCEMENT TECHNIQUES IN MODIFIED SOLAR DRYER Publication Date : 24/12/2021		
Technology Transfer	<ol style="list-style-type: none"> 1. Presented a Special Lecture on Basic Electronics under Electronics Spark Program for the 1st year students as an Ice Breaking Session on Electronics on 12th March, 2018. 2. Presenting a Special Lecture on Fundamental concepts on Electronics under Electronics Spark Program for the 1st and 2nd year students on 22, Jan 2019. 3. Presented a two week course on A Foundation Course on Electronics under Electronics Spark Program for 1st year students on 11 Jan to 22 Jan 2021. 		
Achievements	<ol style="list-style-type: none"> 1. Attended and completed successfully 3 NPTEL courses 		
Any Other Information			

	Teaching	Research	Industry	Others
	1. FDP - 15			
	2. IC - 5			
	3. NC - 02			
No. of Workshop/Conferences/ FDP attended	Workshop 04	Conferences 5	FDP 21	
No. of Workshop/Conferences/ FDP Organized	Workshop Nil	Conferences Nil	FDP 01	



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Name : Mrs Chitra V
Designation : Assistant Professor G-III
DOB : 27/05/1972
Unique ID (College ID) : IT21EC02
Email : chitra.ece@sairamit.edu.in

Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	BE	April, 1996	Regional Engineering College, Trichy, Bharathidasan University	59%	II
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	ME	April, 2008	College of Engineering, Guindy, Chennai, Anna University	7.9 (CGPA)	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Pursuing	Fractal Antennas	Bharath University		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Applied Electronics

Research Interest : Antennas

Experience in years :

Courses Taught in UG / PG Level :
EMF, RF and Microwave,
Antennas and EMI & EMC, FOC

Any Other Information	<p>Additional Responsibilities in Institution</p> <ol style="list-style-type: none">1. Additional class coordinator and mentor2. Swachh Bharat additional administrator for campus (water management)3. Unnat Bharat Abhiyan additional administrator for campus <p>Previous work experience Technical writer for Tutorialspoint (May 2021-July 2021)</p>
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Professional Membership	IEEE: ID-98091499		
Publications	No. of papers published in National Journals / Conferences : 3		
	No. of papers published in International Journals / Conferences: 4		
	No. of Books published : NIL		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: 4 batches No.Of PG Students Guided: NA No.Of Ph.Ds Guided: NA		
Research Funded Projects	Worked as project assistant under the guideship of Dr. H Umma Habiba (Former Professor, ECE Dept., SVCE, Ch 602 117) on the ISRO RESPOND funded project " Design and Development of Ku-band Tx/Rx Reflectarray Antenna for Satellite Applications " (2019-2020)		
Patents	Filed: NIL Granted: NIL		
Technology Transfer			
Achievements	<ol style="list-style-type: none"> 1. Best Outgoing PG Student (2018-2020 batch) 2. Gold Medalist in M.E Communication Systems (2018-2020) 3. Successfully completed NITTT Module 1 "Orientation towards Technical Education and Curriculum Aspects" (December 2021) 4. Successfully completed online certificate courses 'Understanding Research Methods' (Coursera, 2021) 'Positive Psychology' (Coursera, 2021) 'Principles of Modern CDMA/MIMO/OFDM Wireless Communications' (NPTEL, 2017) 'CST Antenna Design' (Udemy, 2021) 'Instructional Design' (Udemy, 2022) 'Remote Teaching Online' (Udemy, 2021) 5. Best Paper Award for presentation of 'Automatic Retrieval of Trolleys in Airports", in IETE ISTF National Conference, conducted in Kongu Engineering College, in 2017 6. Elite award for successful completion of the course 'Certified Automation Engineer' from Technocrat Automation, Chennai, 2017 		



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Name : VENKATRAMAN S
Designation : ASSISTANT PROFESSOR Gr III
DOB : 20.09.1996
Unique ID (College ID) : IT21EC01
Email : venkatraman.ece@sairamit.edu.in



Qualification : M.E Communication Systems

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	04/2018	ANNA UNIVERSITY	80.70	FIRST
PG	M.E/M.Tech/M.Sc./ M.A./MBA/MEd.	Date of Completion	University	% of Marks	Class
	M.E	05/2020	ANNA UNIVERSITY	96.10	FIRST WITH DISTINCTION
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	NA	NA	NA		
SLET Marks	NET Marks	Date of Eligibility			
NA	NA				

Area of Specialization : RF & Microwave Engg. & Wireless Communication

Research Interest : Reflectarray antenna design for satellite communications

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level :
1. Digital Co-communication
2. Electronic Circuits II
3. Electromagnetic fields and waveguides
4. Digital Principles of System Design

No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Professional Membership	INDIAN SOCIETY FOR TECHNICAL EDUCATION Membership Number:LM 128076 IEEE MEMBERSHIP 98092225 INTERNATIONAL ASSOCIATION OF ENGINEERS – IAENG Membership Number:216304						
Publications	No. of papers published in National Journals / Conferences :3						
	No. of papers published in International Journals / Conferences:-3						
	No. of Books published :						
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-	-
Name of the Book	ISBN No:	Year of Publication					
-	-	-					
Research Guidance	No.Of UG Students Guided:- No.Of PG Students Guided:- No.Of Ph.Ds Guided:-						
Research Funded Projects	-						
Patents	Filed:2 Granted:						
Technology Transfer	-						
Achievements	Completed NPTEL courses on 1.Design for Internet of Things 2.Electronic Modules for Industrial applications using op amp 3.Stress Management Published a book chapter entitled “ENERGY AND POWER” in the book “COVID 19 and its IMPACT”. ISBN:978-81-947019-4-1						
Any Other Information	Achieved 100% result in Linear Integrated Circuits. Achieved 100% result in Electronic devices and circuits.						



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Name : M.RAZMAH
Designation : Assistant Professor Gr-III
DOB : 07.04.1986
Unique ID (College ID) : IT14EC02
Email : razmah.cce@sairamit.edu.in



Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	30.04.2008	Anna University	78	I
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	30.04.2010	Anna University	7.9/10	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Applied Electronics

Research Interest : -

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level : 1.Embedded Systems
2.Linear Integrated Circuits
3.Electronic devices and

No. of Workshop/Conferences/
FDP attended

Workshop Conferences FDP

No. of Workshop/Conferences/
FDP Organized

Workshop Conferences FDP

Professional Membership	IEEE,ISTE,IEI		
Publications	No. of papers published in National Journals / Conferences :04		
	No. of papers published in International Journals / Conferences:05		
	No. of Books published :Nil		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: 04 No.Of PG Students Guided:Nil No.Of Ph.Ds Guided:Nil		
Research Funded Projects	NIL		
Patents	Filed:01 Granted:Nil		
Technology Transfer	E-Learning		
Achievements	Got silver medal in NPTEL exam Consistent ATAL mentor		
Any Other Information	NIL		

1.MPMC
2.DE
3. CA

Research -
Industry

Workshop

Conferences 10
FDP

8

12

Workshop

3
Conferences
FDP

-

-



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Name : **S.SURENDERANATH**
 Designation : **ASSISTANT PROFESSOR G-III**
 DOB : 17.08.1984
 Unique ID (College ID) : IT13EC06
 Email : surenderanath.ece@sairamit.edu.in

Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E/	30.04.2006	Anna	69	I
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	01.12.2009	Anna	7.33	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Applied Electronics
 Research Interest : Medical Image Processing
 Experience in years : Workshop/Conferences/ FDP attended : Teaching
 Courses Taught in UG / PG Level : No. of No. of Workshop/Conferences/ FDP Organized :

Professional Membership	IETE,ISTE,IEEE		
Publications	No. of papers published in National Journals / Conferences :3		
	No. of papers published in International Journals / Conferences:10		
	No. of Books published :NIL		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided:NIL No.Of PG Students Guided:NIL No.Of Ph.Ds Guided:NIL		
Research Funded Projects	NIL		
Patents	Filed:NIL Granted:NIL		
Technology Transfer			
Achievements	NIL		
Any Other Information	NIL		



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Name : **S.PRASATH KUMAR**
Designation : **ASSISTANT PROFESSOR**
DOB : 05-05-1990
Unique ID (College ID) : IT15EC03
Email : prasathkumar.ccc@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E ECE	30.04.2011	ANNAUNIVERSITY	70	I
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E EMBEDDED SYSTEM TECHNOLOGIES	12.07.2013	ANNAUNIVERSITY	8.35 CGPA	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : EMBEDDED SYSTEMS

Research Interest :

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level :

- 1.DSP
- 2.DE
- 3.MP&MC

No. of Workshop/Conferences/
FDP attended

Workshop Conferences FDP

No. of Workshop/Conferences/
FDP Organized

Workshop Conferences FDP

Professional Membership	IEEE,ISTE,IETE		
Publications	No.of papers published in National Journals / Conferences :01		
	No.of papers published in InternationalJournals / Conferences:10		
	No.of Books published :01		
	Name of the Book	ISBN No:	Year of Publication
RECENT TRENDS IN INTENSIVE COMPUTING	978-1-64368-216-7	2021	
Research Guidance	No.Of UG Students Guided:Nil No.Of PG Students Guided:Nil No.O/Ph.DsGuided:Nil		
Research Funded Projects	NIL		
Patents	Filed:02 Granted:Nil		
Technology Transfer	E-Learning		
Achievements	1.Top 5% in NPTEL exam 2.Acted as ATAL mentor 3.Received top mentor certificate from placement		
Any Other Information	100% result for many subjects		



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Name : S.SWEETLINE SHAMINI
Designation : ASSISTANT PROFESSOR G-III
DOB : 03.06.1989
Unique ID (College ID) : IT17EC03
Email : sweetslineshamini.ccc@sairamit.edu.in

Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	30.04.2010	Anna university	74	First Class
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	30.06.2012	Anna university	87.2	First Class with Distinction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Applied Electronics
Research Interest : Medical Image Processing
Experience in years : Teaching Research- Industry Other
Courses Taught in UG / PG Level : VLSI, OCN, DE, DTSP, ME, WC, DC, CE
No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP
No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Professional Membership	IEANG, IEEE,ISTE, IETE		
Publications	No. of papers published in National Journals / Conferences : 2		
	No. of papers published in International Journals / Conferences:6		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
Emerging technologies in Engineering research	978-93-5419-211-1	2020	
Research Guidance	No.Of UG Students Guided: - No.Of PG Students Guided:- No.Of Ph.Ds Guided:-		
Research Funded Projects	-		
Patents	Filed:1 Granted:		
Technology Transfer	-		
Achievements	<ul style="list-style-type: none"> ▪ Obtained 100% In Rf And Mw Engineering ▪ Obtained 100% In Computer Networks ▪ Obtained 100% In Cognitive Radio ▪ Obtained 100% In Digital Communication ▪ Obtained 100% In Principles Of Dsp ▪ Obtained Nptel Elite In Outcome Based Pedagogic Principles For Effective Teaching ▪ Obtained Nptel Elite + Silver In Evolution Of Air Interface Towards 5g 		
Any Other Information			



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Name : **R JANAKI**
Designation : **ASSISTANT PROFESSOR-III**
DOB : 10-05-1983
Unique ID (College ID) : IT13EC05
Email : janaki.ece@sairamit.edu.in



Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E., ECE	APRIL 2004	UNIVERSITY OF MADRAS	85	FWD
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.E., Applied Electronics	MAY 2009	ANNA UNIVERSITY	77	FC
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
--	--				

Area of Specialization : Applied Electronics
Research Interest : Deep Learning, Wireless networks
Experience in years : Teaching Y Research Industry Others
Courses Taught in UG / PG Level :
1. Signals and Systems
2. Principles of DSP
3. Wireless Networks
No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP
No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Professional Membership	IEEE,ISTE,IETE		
Publications	No. of papers published in National Journals / Conferences :07		
	No. of papers published in International Journals / Conferences:12		
	No. of Books published :01		
	Name of the Book	ISBN No:	Year of Publication
Management Analytics and software Engineering	978-81-950305-5-2	2021	
Research Guidance	No.Of UG Students Guided:Nil No.Of PG Students Guided:Nil No.Of Ph.Ds Guided:Nil		
Research Funded Projects	NIL		
Patents	Filed:01 Granted:Nil		
Technology Transfer	E-Learning		
Achievements	Top 2% in NPTEL exam Consistent ATAL mentor Department top mentor in placement Department second top mentor in PGPA		
Any Other Information	NIL		



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Name : **D.PUSHGARA RANI**
Designation : **ASSISTANT PROFESSOR G-II**
DOB : 26.08.1979
Unique ID (College ID) : IT13EC02
Email : pushgararani.ece@sairamit.edu.in



Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E/	30.04.2001	Madras	71.1	I
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	30.06.2004	Anna	82	I with Distinction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Applied Electronics
Research Interest : Medical Image Processing
Experience in years : Teaching Research Industry Other
Courses Taught in UG / PG Level :
1. RF and Microwave Engineering
2. LIC
3. CT
No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP
No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Professional Membership						
Publications	No. of papers published in National Journals / Conferences :3					
	No. of papers published in International Journals / Conferences:9					
	No. of Books published :- <table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-
Name of the Book	ISBN No:	Year of Publication				
-	-	-				
Research Guidance	No.Of UG Students Guided:12 No.Of PG Students Guided:Nil No.Of Ph.Ds Guided:Nil					
Research Funded Projects	Nil					
Patents	Filed:1 Granted:Nil					
Technology Transfer	Nil					
Achievements	Published 5 papers in Scopus indexed journal Completed 6 NPTEL certified courses. Atal Mentor					
Any Other Information	Nil					



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Name : K.SANGEETHA
Designation : ASSIATANT PROFESSOR GRADE-II
DOB : 14.07.1984
Unique ID (College ID) : IT12EC06
Email : sangeetha.ece@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	BE-ECE	MAY 2005	ANNA UNIVERSITY	77	I CLASS WITH DISTINCTION
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	ME-VLSI Design	APRIL 2009	ANNA UNIVERSITY	84	I CLASS WITH DISTINCTION
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : VLSI Design
Research Interest : Sensor networks
Experience in years : Teaching Research Industry Others
Courses Taught in UG / PG Level : 1.VLSI
2.Optical
Communication
3.Wireless
communication
No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP
No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Professional Membership	IEEE,ISTE, IETE,IAENG		
Publications	No. of papers published in National Journals / Conferences :9/10		
	No. of papers published in International Journals / Conferences:5/7		
	No. of Books published :BOOK CHAPTER 1		
	Name of the Book	ISBN No:	Year of Publication
EMERGING TECHNOLOGIES IN ENGINEERING RESEARCH	9789354192111	2021	
Research Guidance	No.Of UG Students Guided:15 No.Of PG Students Guided:NIL No.Of Ph.Ds Guided:NIL		
Research Funded Projects	-		
Patents	Filed:2 Granted:-		
Technology Transfer	-		
Achievements	1.Obtained Top5% in stress management course from NPTEL during Aug Sep 2018 2.Achieved top 5%in Emotional Intelligence course by NPTEL during Jan-Mar 2020 3.Got 'Best Women Faculty award ' on 31.12.2020 given by DK International research Foundation 4.Obtained NPTEL Elite in digital circuits		
Any Other Information	Achieved 100% result in Electronic circuits, Achieved 100% result in Analog and Digital Communication, Achieved 100% result in Digital Signal Processing.		



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Name : V.SUBASHINI
Designation : ASSISTANT PROFESSOR
DOB : 01-06-1980
Unique ID (College ID) : IT12EC02
Email : subashini.ece@sairamit.edu.in

COLOR PASSPORT
SIZE OFFICIAL
PHOTO



Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E(ECE)	JUNE 2001	MADRAS UNIVERSITY	76%	FIRST CLASS WITH DISTN
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	JUNE 2011	ANNA UNIVERSITY	8.25CGPA	FIRST
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	DOING				
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : COMMUNICATION ENGINEERING

Research Interest : ANTENNA DESIGN

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level :
1.ELECTRONIC
DESIGN,2.ADC

No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Professional Membership	IEEE, IETE,ISTE		
Publications	No. of papers published in National Journals / Conferences : 6 (Journals), 4 (Conferences)		
	No. of papers published in International Journals / Conferences: 4 (Journals) 5 (Conferences)		
	No. of Books published : 1 (Book Chapter)		
	Name of the Book	ISBN No:	Year of Publication
	Emerging Technologies in Engineering Research – Chapter 26	978-93-5419-211-1	2020
Research Guidance	No.Of UG Students Guided: - No.Of PG Students Guided: - No.Of Ph.Ds Guided: -		
Research Funded Projects	NIL		
Patents	Filed: Granted:1(Published)		
Technology Transfer	-		
Achievements	Achieved 100% result in Cognitive Radio, Microprocessors and microcontrollers, Wireless Communication Got elite certificate in NPTEL (Digital Circuits, Interpersonal Skills)		
Any Other Information	One of the consistent mentors of ATL Tinkerpreneur 2021 Completed 2 modules in NITTT		



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Name : K. SIVASANKARI
Designation : ASSISTANT PROFESSOR
DOB : 21.05.1985
Unique ID (College ID) : IT12EC01
Email : sivasankari.ece@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B. E	April 2006	Anna University	81	First class with Distinction
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M. E	April 2008	Anna University	9.44	First class with Distinction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	-	-	-		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Wireless Technologies
Research Interest : Digital Image Processing
Experience in years : Teaching Research Industry Others
Courses Taught in UG / PG Level :
1. WC
2. DE
3. LIC
No. of Workshop/Conferences/ FDP
attended : Workshop Conferences FDP
No. of Workshop/Conferences/ FDP
Organized : Workshop Conferences FDP

Professional Membership	ISTE,IETE,IEEE		
Publications	No. of papers published in National Journals / Conferences :4		
	No. of papers published in International Journals / Conferences: 12		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	nil		
Research Guidance	No.Of UG Students Guided: NIL No.Of PG Students Guided: NIL No.Of Ph.Ds Guided: NIL		
Research Funded Projects	Funded project from DST sanctioned with an amount of 1,00,000		
Patents	Filed: 01 (Women self defense system) Granted:		
Technology Transfer	nil		
Achievements	1. Funded project from DST		
Any Other Information	-		



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Name : **R.LAKSHMI DEVI**
Designation : **ASSISTANT PROFESSOR**
DOB : 11.12.1981
Unique ID (College ID) : IT10EC02
Email : lakshmidevi.ece@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Tech	3.11.2003	Pondicherry University	65	First
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.Tech	10.5.2006	Pondicherry University	75	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Registered	Wireless Communication	Puducherry Technological UNiversity		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Communication and Networking

Research Interest : Wireless Communication

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level :

- 1. Wireless Communication
- 2. Satellite communication
- 3. Ad hoc and Wireless Network

No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Professional Membership	IEEE, ISTE, IETE, IAENG		
Publications	No. of papers published in National Journals / Conferences :8		
	No. of papers published in International Journals / Conferences: 22		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	Book Chapter -2		2021
Research Guidance	No.Of UG Students Guided: 50 No.Of PG Students Guided: No.Of Ph.Ds Guided:		
Research Funded Projects	Nil		
Patents	Filed: 1 and published One Granted:		
Technology Transfer	Nil		
Achievements	GOLD Medalists in M.E. Best Faculty Award for the year 2021 Good mentoring certificate from Rathinam International Public school, Coimbatore ,		
Any Other Information			

No. of Workshop/Conferences/
FDPattended

Workshop

37

Conference

14

FDP

8

No. of Workshop/Conferences/
FDPOrganized

Workshop

4

Conference

FDP

4



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Name : Ms. G. VALARMATHI
Designation : Assistant Professor
DOB : 12.07.1977
Unique ID (College ID) : IT12EC04
Email : valarmathi.ece@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./B.A/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E.-ECE	April '99	Bharathiyar University	72.2 %	First class
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E.- Medical Electronics	May 2006	Anna University	8.1 CGPA	First Class with Distinction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Pursuing				
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Medical Image Processing

Research Interest : Bio signal & Image processing

Experience in years : Teaching Research Industry others

Courses Taught in UG / PG Level :
1. Signals & systems
2. Discrete time signal processing
3. Medical Electronics

Professional Membership	IEEE, IETE,ISTE		
Publications	National :8		
	International:7		
	Book :2		
	Name of the book	ISBN no	Year of Publication
	Management Analytics and software Engineering	978-81-950305-5-2	2021
	Emerging Technologies in Engineering Research	978-93-5419-211-1	2020
Research Funded Projects	Nil		
Patents	Application No.: 202041018449 A Title of the invention : VEHICULAR POLLUTION MONITORING AND RISK MANAGEMENT SYSTEM		
Achievements	One of the 56 Top performing and most popular mentors of ATL Tinkerpreneur 2021		
Any Other Information	Achieved 100% result in Signals and systems, Microprocessors and microcontrollers, Digital principles and system design, Intellectual property Rights		



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

Name : **Mrs. S.DEIVANAYAGI**
 Designation : **ASSOCIATE PROFESSOR**
 DOB : 15.08.1979
 Email : deivanayagi.ece@sairamit.edu.in
 Qualification : M.Tech (Ph.D)



Specialization : Electronics and Communication Engineering

Research Interest : Digital Image Processing

Experience in years : **Teaching** UG PG **Industry**
 MPMC,LIC,DE,RF

Courses Taught in UG / PG : Workshop Conferences FDP

No. of Workshop/Conferences/ FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/ FDP Organized

:

Professional Membership	IEEE, ISTE ,IETE ,IEI
Publications	National :5
	International:2
	Book :
Research Funded Projects	
Patents	01
Achievements	Achieved best faculty Adviser award from IEI
Any Other Information	Achieved 100% result in Electromagnetic fields ,Transmission Lines and Signals and systems



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Name : **RAMAPRASAD MAHARANA**
Designation : **ASSISTANT PROFESSOR**
DOB : 07.07.1977
Email : ramaprasad.ece@sairamit.edu.in
Qualification : ME
Specialization : Industrial Engineering and Management
ResearchInterest : Antenna Design using Composite Materials
Experience in years : Teaching UG PG Industry
Courses Taught in UG / PG : EE Electromagnetic Fields
Antenna and RF



No. of Workshop/Conferences/
FDP Attended : Workshop Conferences FDP
No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Any Other Information	<ul style="list-style-type: none">• Got NPTEL Elite certificate on outcome based pedagogic principles for Effective Teaching.• Got NPTEL Elite certificate on stress Management, Biomedical Nanotechnology, Emotional Intelligence,• Got NPTEL Elite certificate on soft skill development
-----------------------	--

Professional Membership	LIFE MEMBER IN ISTE (LM6870) IETE (AM-501778) IEEE-97645150									
Publications	No. of papers published in National Journals / Conferences :5									
	No. of papers published in International Journals / Conferences:47									
	No. of Books published :									
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>HIGH SPEED NETWORKS</td> <td>9789387748132</td> <td>2018</td> </tr> <tr> <td>MOBILE COMPUTING</td> <td>9789387748101</td> <td>2018</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	HIGH SPEED NETWORKS	9789387748132	2018	MOBILE COMPUTING	9789387748101	2018
Name of the Book	ISBN No:	Year of Publication								
HIGH SPEED NETWORKS	9789387748132	2018								
MOBILE COMPUTING	9789387748101	2018								
Research Guidance	No.Of UG Students Guided:16 No.Of PG Students Guided:- No.Of Ph.Ds Guided:-									
Research Funded Projects	-									
Patents	Filed:2 Granted:3 <ul style="list-style-type: none"> • A Kevlar fiber reinforced composite-202041027221 A • A High Step Up Dc- Dc Converter With Fuzzy Logic Controller For Smart Grid And Design of The Same-202041036650 A • Security Protocol to Prevent Attacks from Programmable Matter in IoT Networks -2021100959 • Estimation of Biomarkers for Adaptive immunity in infectious diseases using smart IoT sensors and deep learning-2021102089 • Hybrid Network For Real-Time Tracking Using Machine To Machine Communication-2021103546 									
Technology Transfer	<ul style="list-style-type: none"> • Chief Guest for Business Plan contest 2021-29.03.2021 									
Achievements	<ul style="list-style-type: none"> • Obtained 100% result in transmission lines and waveguides • Obtained 100% result in Total Quality Management • Obtained 100% result in Optical communication. • Obtained 100% in Electromagnetic fields 									



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Name : Dr.G.Saritha
Designation :Assistant Professor Gr-II
DOB :06.01.1982
Unique ID (College ID) :IT10EC03
Email :saritha.ecc@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E-ECE	April 2004	Bharathidasan university	75.6	FWD
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E-Power Electronics and Drives	May 2006	Anna University	80	FWD
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	16.12.2020	Embedded Systems	Sathyabama Institute of Science and Technology		
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : Electronic, EMF ,Embedded systems

ResearchInterest : Embedded systems

Experienceincars :15 Years Teaching

Courses Taught in UG / PG Level :Electronic devices,Electronic Circuits,Electromagnetic fields,Transmission lines and waveguides, Communication Engineering,Optic al communication

No. of Workshop/Conferences/ FDPAttended : Workshop :10

Conferences :14

FDP :16

No. of Workshop/Conferences/ FDPOrganized : Workshop:4, Guest lecture:2

Professional Membership	ISTE, IETE, IEEE		
Publications	No. of papers published in National Journals / Conferences :15		
	No. of papers published in International Journals / Conferences:20		
	No. of Books published : 1		
	Name of the Book	ISBN No:	Year of Publication
	Data Communication and Networking	978-93-90203-10-9	2020
Research Guidance	No.Of UG Students Guided:20 No.Of PG Students Guided:2 No.Of Ph.Ds Guided:NIL		
Research Funded Projects	NIL		
Patents	Filed:4 Granted: Handy Device For Face Identification		
Technology Transfer	NIL		
Achievements	Best Teacher Award 2020 from Technical Research Publications Global Eminent Academician Award 2021 from Vij Trust		
Any Other Information	NIL		



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Name : **Dr.R.Prabha**
Designation : **Associate Professor**
DOB : **31.01.1974**
Unique ID (College ID) : **IT17EC1**
Email : **Prabha.ecc@sairamit.edu.in**



Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	1/6/1996	ANNAMALAI	65	FIRST
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.E	1/7/2006	VINAYAGA MISSION	62	FIRST
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	24/12/2016	INFORMATION AND COMMUNICATION	ANNA		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Applied Electronics
Research Interest : Wireless networks, Machine learning
Experience in years : Teaching Research Industry Others
Courses Taught in UG / PG Level : Communication Networks, Machine learning, Adhoc Networks
No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP
No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Professional Membership						
Publications	No. of papers published in National Journals / Conferences :4					
	No. of papers published in International Journals / Conferences:13					
	No. of Books published :					
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-
Name of the Book	ISBN No:	Year of Publication				
-	-	-				
Research Guidance	No.Of UG Students Guided: 24 No.Of PG Students Guided:- No.Of Ph.Ds Guided:-					
Research Funded Projects						
Patents	Filed: 3 Granted:					
Technology Transfer	-					
Achievements	1.Obtained Cash prize for 100% result. 2.Obtained Academic Excellence award from TRP. 3.Coordinated IETE BB Roy award for College.					
Any Other Information	-					



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Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



Name : Dr.P.Saravanan
Designation : Associate Professor
DOB : 11/07/1974
Unique ID (College ID) : IT08EC01
Email : saravanan.ccc@sairamit.edu.in

Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	BE	20-4.1996	Madurai Kamraj	71	I
PG	ME	Date of Completion	University	% of Marks	Class
	ME	20-4-2005	Anna	6.65 CGPA	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	12/3/2019	DSP	Anna University		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization :

Research Interest :

Experience in years : Teaching Research - Industry Others

Courses Taught in UG / PG Level :

1. Embedded systems
2. Microprocessor
3. Digital

No. of Workshop/Conferences/
FDPartended : Workshop Conference

No. of Workshop/Conferences/
FDPOrganized : Workshop Conferences

Professional Membership	IEEE, ISTE, IETE		
Publications	No. of papers published in National Journals / Conferences :05		
	No. of papers published in International Journals / Conferences:08		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided:Nil No.Of PG Students Guided:Nil No.Of Ph.Ds Guided:Nil		
Research Funded Projects	NIL		
Patents	Filed:03 Granted:Nil		
Technology Transfer	E-Learning		
Achievements	Top 2% in NPTEL exam Top 56ATAL mentor Department top mentor in placement Received Best Teacher Award		
Any Other Information	NIL		

Research - Industry
Other

ave Engineering

Conferences FDP

10

Conferences
FDP

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Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



Name : **G.SARAVANAN**
Designation : **ASSOCIATE PROFESSOR**
DOB : **01.06.1971**
Unique ID (College ID) : **IT11EC03**
Email : **saravanang.ece@sairamit.edu.in**

Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	30.04.1995	Madurai Kamaraj University	61%	I
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	30.04.2004	Sathyabama University	67%	I
Ph.D	Date of Completion	Field of Specialization	University	% of Marks	Class
	15.09.2018	Wireless Sensor Networks	Hindustan Institute of Science and Technology	NA	I
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : **Applied Electronics**
Research Interest : **Wireless Sensor Networks**
Experience in years : FDP Organized Teaching Industry
Courses Taught in UG / PG Level :
: 1.Adhoc and wireless sensor networks
2.Wireless Networks
3.Digital Communication
No. of Workshop/Conferences/
FDP attended : Workshop
No. of Workshop/Conferences/

Professional Membership	ISTE, IEEE,IETE		
Publications	No. of papers published in National Journals / Conferences :02		
	No. of papers published in International Journals / Conferences:26		
	No. of Books published : Nil		
	Name of the Book	ISBN No:	Year of Publication
	--	--	--
Research Guidance	No.Of UG Students Guided: 106 No.Of PG Students Guided: 28 No.Of Ph.Ds Guided:02		
Research Funded Projects	02		
Patents	Filed:01 Granted:---		
Technology Transfer	NIL		
Achievements	1.NBA coordination 2.NITTT Coordination 3.AI Campus Initiation		
Any Other Information	---		



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Name : **Dr.S.Rajarajan**
Designation : **Professor**
DOB : 12.07.1970
Unique ID (College ID) : IT14EC01
Email : rajarajan.ecc@sairamit.edu.in



Qualification : M.E., Ph.D.,

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	April 1991	Madurai Kamaraj University	72.35	First
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.E	April 2004	Sathyabama University	84%	First class with Distinction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	20.05.2011	Electronics	Sathyabama University		
SLET Marks	NET Marks	Date of Eligibility			
NA	NA				

Area of Specialization : Nano Electronic Materials

Research Interest : Nano Electronic Materials

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level :

1. Nano Science
2. Digital Image
3. Networks

No. of Workshop/Conferences/

FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/

FDP Organized : Workshop Conferences FDP

Professional Membership	IEEE, ISTE, IEL, IEANG		
Publications	No. of papers published in National Journals / Conferences : 16		
	No. of papers published in International Journals / Conferences: 32		
	No. of Books published : 1		
	Name of the Book	ISBN No:	Year of Publication
	Intelligent Sustainable Systems		2021
Research Guidance	No.Of UG Students Guided:34 No.Of PG Students Guided:- No.Of Ph.Ds Guided:-		
Research Funded Projects	MODROB from AICTE for Rs 11,00,000/-		
Patents	Filed:2 Granted:1		
Technology Transfer	Resource person in FDP		
Achievements	Obtained 100% results in SAS, DSP, and Embedded Systems. Organized Project Exhibitions, Graduation day programmes. SPOC for Infosys.		
Any Other Information	CoE of our Autonomous Institution.		



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Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



Name : **Dr.G.Thamarai Selvi**
Designation : **Professor & HoD**
DOB : 28.07.1975
Unique ID (College ID) : IT10EC01
Email : hodece@sairamit.edu.in

Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E (ECE)	31.05.1996	Bharathiyar	72	First
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E(Applied Electronics)	30.06.2004	Anna	74	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	31.08.2015	Medical Image Processing	Anna		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Medical Image Processing

Research Interest : Image Processing

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level :
1. Signals & Systems.
2. DSP
3. EMF

No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Any Other Information	<ul style="list-style-type: none">• Got NPTEL Elite certificate on outcome based pedagogic principles for Effective Teaching.• Got NPTEL Elite certificate on stress Management, Biomedical Nanotechnology, Emotional Intelligence,• Got NPTEL Elite certificate on soft skill development
-----------------------	--

Professional Membership	LIFE MEMBER IN ISTE (LM6870) IETE (AM-501778) IEEE-97645150									
Publications	No. of papers published in National Journals / Conferences :5									
	No. of papers published in International Journals / Conferences:47									
	No. of Books published :									
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>HIGH SPEED NETWORKS</td> <td>9789387748132</td> <td>2018</td> </tr> <tr> <td>MOBILE COMPUTING</td> <td>9789387748101</td> <td>2018</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	HIGH SPEED NETWORKS	9789387748132	2018	MOBILE COMPUTING	9789387748101	2018
Name of the Book	ISBN No:	Year of Publication								
HIGH SPEED NETWORKS	9789387748132	2018								
MOBILE COMPUTING	9789387748101	2018								
Research Guidance	No.Of UG Students Guided:16 No.Of PG Students Guided:- No.Of Ph.Ds Guided:-									
Research Funded Projects	-									
Patents	Filed:2 Granted:3 <ul style="list-style-type: none"> • A Kevlar fiber reinforced composite-202041027221 A • A High Step Up Dc- Dc Converter With Fuzzy Logic Controller For Smart Grid And Design of The Same-202041036650 A • Security Protocol to Prevent Attacks from Programmable Matter in IoT Networks -2021100959 • Estimation of Biomarkers for Adaptive immunity in infectious diseases using smart IoT sensors and deep learning-2021102089 • Hybrid Network For Real-Time Tracking Using Machine To Machine Communication-2021103546 									
Technology Transfer	<ul style="list-style-type: none"> • Chief Guest for Business Plan contest 2021-29.03.2021 									
Achievements	<ul style="list-style-type: none"> • Obtained 100% result in transmission lines and waveguides • Obtained 100% result in Total Quality Management • Obtained 100% result in Optical communication. • Obtained 100% in Electromagnetic fields 									



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Name : Dr.G.Saritha
Designation :Assistant Professor Gr-II
DOB :06.01.1982
Unique ID (College ID) :IT10EC03
Email :saritha.ecc@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E-ECE	April 2004	Bharathidasan university	75.6	FWD
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E-Power Electronics and Drives	May 2006	Anna University	80	FWD
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	16.12.2020	Embedded Systems	Sathyabama Institute of Science and Technology		
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : Electronic, EMF ,Embedded systems

ResearchInterest : Embedded systems

Experienceincyears :15 Years Teaching

Courses Taught in UG / PG Level :Electronic devices,Electronic Circuits,Electromagnetic fields,Transmission lines and waveguides, Communication Engineering,Optical communication

No. of Workshop/Conferences/ FDPAttended : Workshop :10

Conferences :14

FDP :16

No. of Workshop/Conferences/ FDPOrganized : Workshop:4, Guest lecture:2

Professional Membership	ISTE, IETE, IEEE		
Publications	No. of papers published in National Journals / Conferences :15		
	No. of papers published in International Journals / Conferences:20		
	No. of Books published : 1		
	Name of the Book	ISBN No:	Year of Publication
Data Communication and Networking	978-93-90203-10-9	2020	
Research Guidance	No.Of UG Students Guided:20 No.Of PG Students Guided:2 No.Of Ph.Ds Guided:NIL		
Research Funded Projects	NIL		
Patents	Filed:4 Granted: Handy Device For Face Identification		
Technology Transfer	NIL		
Achievements	Best Teacher Award 2020 from Technical Research Publications Global Eminent Academician Award 2021 from Vij Trust		
Any Other Information	NIL		



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Name : **Dr.R.Prabha**
Designation : **Associate Professor**
DOB : **31.01.1974**
Unique ID (College ID) : **IT17EC1**
Email : **Prabha.ecc@sairamit.edu.in**

Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	1/6/1996	ANNAMALAI	65	FIRST
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.E	1/7/2006	VINAYAGA MISSION	62	FIRST
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	24/12/2016	INFORMATION AND COMMUNICATION	ANNA		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Applied Electronics
Research Interest : Wireless networks, Machine learning
Experience in years : Teaching Research Industry Others
Courses Taught in UG / PG Level : Communication Networks, Machine learning, Adhoc Networks
No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP
No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Professional Membership						
Publications	No. of papers published in National Journals / Conferences :4					
	No. of papers published in International Journals / Conferences:13					
	No. of Books published :					
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-
Name of the Book	ISBN No:	Year of Publication				
-	-	-				
Research Guidance	No.Of UG Students Guided: 24 No.Of PG Students Guided:- No.Of Ph.Ds Guided:-					
Research Funded Projects						
Patents	Filed: 3 Granted:					
Technology Transfer	-					
Achievements	1.Obtained Cash prize for 100% result. 2.Obtained Academic Excellence award from TRP. 3.Coordinated IETE BB Roy award for College.					
Any Other Information	-					



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Name : Dr.P.Saravanan
Designation : Associate Professor
DOB : 11/07/1974
Unique ID (College ID) : IT08EC01
Email : saravanan.ccc@sairamit.edu.in

Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	BE	20-4.1996	Madurai Kamraj	71	I
PG	ME	Date of Completion	University	% of Marks	Class
	ME	20-4-2005	Anna	6.65 CGPA	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	12/3/2019	DSP	Anna University		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization :
Research Interest :
Experience in years : Teaching Research - Industry Others

Courses Taught in UG / PG Level :
1.Embedded systems
2.Microprocessor
3.Digital
No. of Workshop/Conferences/
FDPartended : Workshop Conference
No. of Workshop/Conferences/
FDPOrganized : Workshop Conferences

Professional Membership	IEEE, ISTE, IETE		
Publications	No. of papers published in National Journals / Conferences :05		
	No. of papers published in International Journals / Conferences:08		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided:Nil No.Of PG Students Guided:Nil No.Of Ph.Ds Guided:Nil		
Research Funded Projects	NIL		
Patents	Filed:03 Granted:Nil		
Technology Transfer	E-Learning		
Achievements	Top 2% in NPTEL exam Top 56ATAL mentor Department top mentor in placement Received Best Teacher Award		
Any Other Information	NIL		

Research - Industry
Other

ave Engineering

Conferences FDP

10

Conferences
FDP

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Name : **G.SARAVANAN**
Designation : **ASSOCIATE PROFESSOR**
DOB : **01.06.1971**
Unique ID (College ID) : **IT11EC03**
Email : **saravanang.ece@sairamit.edu.in**

Qualification

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	30.04.1995	Madurai Kamaraj University	61%	I
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	30.04.2004	Sathyabama University	67%	I
Ph.D	Date of Completion	Field of Specialization	University	% of Marks	Class
	15.09.2018	Wireless Sensor Networks	Hindustan Institute of Science and Technology	NA	I
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : **Applied Electronics**
Research Interest : **Wireless Sensor Networks**
Experience in years : FDP Organized Teaching Industry
Courses Taught in UG / PG Level :
: 1.Adhoc and wireless sensor networks
2.Wireless Networks
3.Digital Communication
No. of Workshop/Conferences/
FDP attended : Workshop
No. of Workshop/Conferences/

Professional Membership	ISTE, IEEE,IETE		
Publications	No. of papers published in National Journals / Conferences :02		
	No. of papers published in International Journals / Conferences:26		
	No. of Books published : Nil		
	Name of the Book	ISBN No:	Year of Publication
	--	--	--
Research Guidance	No.Of UG Students Guided: 106 No.Of PG Students Guided:28 No.Of Ph.Ds Guided:02		
Research Funded Projects	02		
Patents	Filed:01 Granted:---		
Technology Transfer	NIL		
Achievements	1.NBA coordination 2.NITTT Coordination 3.AI Campus Initiation		
Any Other Information	---		



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Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



Name : **Dr.S.Rajarajan**
Designation : **Professor**
DOB : 12.07.1970
Unique ID (College ID) : IT14EC01
Email : rajarajan.ece@sairamit.edu.in

Qualification : M.E., Ph.D.,

UG	B.E./B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	April 1991	Madurai Kamaraj University	72.35	First
PG	M.E./M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.E	April 2004	Sathyabama University	84%	First class with Distinction
Ph.D	Date of Completion	Field of Specialization	University		
	20.05.2011	Electronics	Sathyabama University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
NA	NA				

Area of Specialization : Nano Electronic Materials

ResearchInterest : Nano Electronic Materials

Experiencinyears : Teaching Research Industry Others

Courses Taught in UG / PG Level :

1. Nano Science
2. Digital Image
3. Networks

No. of Workshop/Conferences/
FDPattended : Workshop ConferencesFDP

No. of Workshop/Conferences/
FDPOrganized : Workshop ConferencesFDP

Professional Membership	IEEE, ISTE, IEL, IEANG		
Publications	No. of papers published in National Journals / Conferences : 16		
	No. of papers published in International Journals / Conferences: 32		
	No. of Books published : 1		
	Name of the Book	ISBN No:	Year of Publication
Intelligent Sustainable Systems		2021	
Research Guidance	No.Of UG Students Guided:34 No.Of PG Students Guided:- No.Of Ph.Ds Guided:-		
Research Funded Projects	MODROB from AICTE for Rs 11,00,000/-		
Patents	Filed:2 Granted:1		
Technology Transfer	Resource person in FDP		
Achievements	Obtained 100% results in SAS, DSP, and Embedded Systems. Organized Project Exhibitions, Graduation day programmes. SPOC for Infosys.		
Any Other Information	CoE of our Autonomous Institution.		



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Name : **Dr.G.Thamarai Selvi**
Designation : **Professor & HoD**
DOB : 28.07.1975
Unique ID (College ID) : IT10EC01
Email : hodece@sairamit.edu.in

Qualification					
UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E (ECE)	31.05.1996	Bharathiyar	72	First
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E(Applied Electronics)	30.06.2004	Anna	74	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	31.08.2015	Medical Image Processing	Anna		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Medical Image Processing

Research Interest : Image Processing

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level :
1. Signals & Systems.
2. DSP
3. EMF

No. of Workshop/Conferences/
FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Professional Membership	<ul style="list-style-type: none"> • IEEE (98101854) • IETE (AM-235828) • IAENG (237751) 						
Publications	No. of papers published in National Journals / Conferences : nil						
	No. of papers published in International Journals / Conferences: 9						
	No. of Books published : nil						
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication			
Name of the Book	ISBN No:	Year of Publication					
Research Guidance	No.Of UG Students Guided: nil No.Of PG Students Guided: nil No.Of Ph.Ds Guided: nil						
Research Funded Projects	nil						
Patents	Filed: nil Granted: nil						
Technology Transfer	nil						
Achievements	nil						
Any Other Information	nil						

SYLLABUS

<https://sairamit.edu.in/curriculum-syllabus/>

**ANNA UNIVERSITY, CHENNAI
AFFILIATED INSTITUTIONS
B.E. ELECTRONICS AND COMMUNICATION ENGINEERING
REGULATIONS – 2017**

PROGRAMME EDUCATIONAL OBJECTIVES:

- PEO1: To enable graduates to pursue research, or have a successful career in academia or industries associated with Electronics and Communication Engineering, or as entrepreneurs.
- PEO2: To provide students with strong foundational concepts and also advanced techniques and tools in order to enable them to build solutions or systems of varying complexity.
- PEO3: To prepare students to critically analyze existing literature in an area of specialization and ethically develop innovative and research oriented methodologies to solve the problems identified.

PROGRAMME OUTCOMES:

Engineering Graduates will be able to:

1. **Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

2. **Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

3. **Design/development of solutions:** Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4. **Conduct investigations of complex problems:** Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

5. **Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

6. **The engineer and society:** Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

7. **Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

8. **Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

9. **Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

10. **Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

11. **Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. **Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

PROGRAM SPECIFIC OBJECTIVES (PSOs)

1. To analyze, design and develop solutions by applying foundational concepts of electronics and communication engineering.
2. To apply design principles and best practices for developing quality products for scientific and business applications.
3. To adapt to emerging information and communication technologies (ICT) to innovate ideas and solutions to existing/novel problems.

Contribution **1: Reasonable** **2: Significant** **3: Strong**

MAPPING OF PROGRAMME EDUCATIONAL OBJECTIVES WITH PROGRAMME OUTCOMES

A broad relation between the programme objective and the outcomes is given in the following table

PROGRAMME EDUCATIONAL OBJECTIVES	PROGRAMME OUTCOMES											
	A	B	C	D	E	F	G	H	I	J	K	L
1	3	3	2	3	2	1	1	2	1	1	3	1
2	3	3	3	3	3	1	1	1	1	1	1	2
3	3	3	3	3	3	2	2	3	1	2	2	2

MAPPING OF PROGRAM SPECIFIC OBJECTIVES WITH PROGRAMME OUTCOMES

A broad relation between the Program Specific Objectives and the outcomes is given in the following table

PROGRAM SPECIFIC	PROGRAMME OUTCOMES											
	A	B	C	D	E	F	G	H	I	J	K	L
1	3	3	2	3	2	1	1	1	1	1	1	2
2	3	3	3	3	3	2	2	3	1	3	3	3
3	3	3	3	3	3	3	3	2	1	1	1	3

**ANNA UNIVERSITY, CHENNAI
AFFILIATED INSTITUTIONS**

B.E. ELECTRONICS AND COMMUNICATION ENGINEERING

REGULATIONS – 2017

CHOICE BASED CREDIT SYSTEM

MAPPING OF COURSE OUTCOMES WITH PROGRAMME OUTCOMES:

A broad relation between the Course Outcomes and Programme Outcomes is given in the following table

COURSE OUTCOMES		PROGRAMME OUTCOMES												
Sem	Course Name	a	b	c	d	e	f	g	h	i	j	k	l	
I	Communicative English						√	√	√	√	√	√		
	Engineering Mathematics – I	√	√	√	√							√	√	
	Engineering Physics	√	√	√	√							√	√	
	Engineering Chemistry	√	√	√	√							√	√	
	Problem Solving and Python Programming	√	√	√	√	√						√	√	
	Engineering Graphics	√										√	√	√
	Problem Solving and Python Programming	√	√	√	√	√						√	√	
	Physics and Chemistry Laboratory	√	√	√	√	√						√	√	
II	Technical English					√	√	√	√	√	√	√	√	
	Engineering Mathematics – II	√	√	√	√							√	√	
	Physics for Electronics Engineering	√	√	√	√							√	√	
	Basic Electrical and Instrumentation	√	√	√	√	√	√					√	√	
	Circuit Analysis	√	√	√	√	√	√					√	√	
	Electronic Devices	√	√	√	√	√	√					√	√	
	Circuits and Devices Laboratory	√	√	√	√	√						√	√	
	Engineering Practices Laboratory	√	√	√	√	√						√	√	
III	Linear Algebra and Partial Differential	√	√	√	√	√						√	√	
	Fundamentals of Data Structures In C	√	√	√	√	√	√					√	√	
	Electronic Circuits- I	√	√	√	√	√	√					√	√	
	Signals and Systems	√	√	√	√	√	√					√	√	
	Digital Electronics	√	√	√	√	√	√					√	√	
	Control System Engineering	√	√	√	√	√	√					√	√	
	Fundamentals of Data Structures in C	√	√	√	√	√	√					√	√	
	Analog and Digital Circuits Laboratory	√	√	√	√	√	√					√	√	
Interpersonal Skills/Listening & Speaking						√		√	√	√	√	√		

IV	Probability and Random Processes	√	√	√	√	√							√	√
	Electronic Circuits II	√	√	√	√	√	√						√	√
	Communication Theory	√	√	√	√	√	√						√	√
	Electromagnetic Fields	√	√	√	√	√	√						√	√
	Linear Integrated Circuits	√	√	√	√	√	√						√	√
	Environmental Science and Engineering	√	√		√		√	√	√				√	√

COURSE OUTCOMES		PROGRAMME OUTCOMES											
Sem	Course Name	a	b	c	d	e	f	g	h	i	j	k	l
	Circuits Design and Simulation Laboratory	√	√	√	√	√	√					√	√
	Linear Integrated Circuits Laboratory	√	√	√	√	√	√					√	√
	Digital Communication	√	√	√	√	√	√					√	√
	Discrete-Time Signal Processing	√	√	√	√	√	√					√	√
	Computer Architecture and Organization	√	√	√	√		√					√	√
	Communication Networks	√	√	√	√	√	√					√	√
	Professional Elective I												
	Open Elective I												
	Digital Signal Processing Laboratory	√	√	√	√	√	√					√	√
	Communication Systems Laboratory	√	√	√	√	√	√					√	√
v	Networks Laboratory	√	√	√	√	√	√					√	√
	Microprocessors and Microcontrollers	√	√	√	√	√	√					√	√
	VLSI Design	√	√	√	√	√	√					√	√
	Wireless Communication	√	√	√	√	√	√					√	√
	Principles of Management						√	√	√		√	√	√
	Transmission Lines and RF Systems	√	√	√	√	√	√					√	√
	Professional Elective -II												
	Microprocessors and Microcontrollers	√	√	√	√	√	√					√	√
	VLSI Design Laboratory	√	√	√	√	√	√					√	√
VI	Technical Seminar		√		√	√	√		√	√	√	√	√
	Professional Communication						√				√		√
	Antennas and Microwave Engineering	√	√	√	√	√	√					√	√
	Optical Communication	√	√	√	√		√					√	√
	Embedded and Real Time Systems	√	√	√	√	√	√					√	√
	Ad hoc and Wireless Sensor Networks	√	√	√	√	√	√					√	√
	Professional Elective -III												
	Open Elective - II												
	Embedded Laboratory	√	√	√	√	√	√					√	√
VII	Advanced Communication Laboratory	√	√	√	√	√	√					√	√
	Professional Elective - IV												
	Professional Elective - V												
VIII	Project Work	√	√	√	√	√	√		√	√	√	√	√

**ANNA UNIVERSITY, CHENNAI
AFFILIATED INSTITUTIONS**

B.E. ELECTRONICS AND COMMUNICATION ENGINEERING

REGULATIONS – 2017

CHOICE BASED CREDIT SYSTEM

I - VIII SEMESTERS CURRICULA AND SYLLABI

SEMESTER I

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	HS8151	Communicative English	HS	4	4	0	0	4
2.	MA8151	Engineering	BS	4	4	0	0	4
3.	PH8151	Engineering Physics	BS	3	3	0	0	3
4.	CY8151	Engineering Chemistry	BS		3	0	0	3
5.	GE8151	Problem Solving and Python	ES	3	3	0	0	3
6.	GE8152	Engineering Graphics	ES	6	2	0	4	4
PRACTICALS								
7.	GE8161	Problem Solving and Python	ES	4	0	0	4	2
8.	BS8161	Physics and Chemistry	BS	4	0	0	4	2
TOTAL				31	19	0	12	25

SEMESTER II

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	HS8251	Technical English	HS	4	4	0	0	4
2.	MA8251	Engineering	BS	4	4	0	0	4
3.	PH8253	Physics for Electronics	BS	3	3	0	0	3
4.	BE8254	Basic Electrical and Instrumentation	ES	3	3	0	0	3
5.	EC8251	Circuit Analysis	PC	4	4	0	0	4
6.	EC8252	Electronic Devices	PC	3	3	0	0	3

PRACTICALS								
7.	EC8261	Circuits and Devices	PC					
				4	0	0	4	2
8.	GE8261	Engineering Practices	ES					
				4	0	0	4	2
TOTAL				29	21	0	8	25

SEMESTER III

SI. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	MA8352	Linear Algebra and Partial	BS	4	4	0	0	4
2.	EC8393	Fundamentals of Data	ES	3	3	0	0	3
3.	EC8351	Electronic Circuits- I	PC	3	3	0	0	3
4.	EC8352	Signals and Systems	PC	4	4	0	0	4
5.	EC8392	Digital Electronics	PC	3	3	0	0	3
6.	EC8391	Control Systems	PC	3	3	0	0	3
PRACTICALS								
7.	EC8381	Fundamentals of Data	ES	4	0	0	4	2
8.	EC8361	Analog and Digital	PC	4	0	0	4	2
9.	HS8381	Interpersonal Skills/Listening	EEC	2	0	0	2	1
TOTAL				30	20	0	10	25

SEMESTER IV

SI. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	MA8451	Probability and Random	BS	4	4	0	0	4
2.	EC8452	Electronic Circuits II	PC	3	3	0	0	3
3.	EC8491	Communication Theory	PC	3	3	0	0	3
4.	EC8451	Electromagnetic Fields	PC	4	4	0	0	4
5.	EC8453	Linear Integrated Circuits	PC	3	3	0	0	3
6.	GE8291	Environmental Science and	HS	3	3	0	0	3
PRACTICALS								
7.	EC8461	Circuits Design and	PC	4	0	0	4	2
8.	EC8462	Linear Integrated Circuits	PC	4	0	0	4	2
TOTAL				28	20	0	8	24

SEMESTER V

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	EC8501	Digital Communication	PC	3	3	0	0	3
2.	EC8553	Discrete-Time Signal	PC	4	4	0	0	4
3.	EC8552	Computer Architecture and	PC	3	3	0	0	3
4.	EC8551	Communication Networks	PC	3	3	0	0	3
5.		Professional Elective I	PE	3	3	0	0	3
6.		Open Elective I	OE	3	3	0	0	3
PRACTICALS								
7.	EC8562	Digital Signal Processing	PC	4	0	0	4	2
8.	EC8561	Communication Systems	PC	4	0	0	4	2
9.	EC8563	Communication Networks	PC	4	0	0	4	2
TOTAL				31	19	0	12	25

SEMESTER VI

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	EC8691	Microprocessors and	PC	3	3	0	0	3
2.	EC8095	VLSI Design	PC	3	3	0	0	3
3.	EC8652	Wireless Communication	PC	3	3	0	0	3
4.	MG8591	Principles of Management	HS	3	3	0	0	3
5.	EC8651	Transmission Lines and RF	PC	3	3	0	0	3
6.		Professional	PE	3	3	0	0	3
PRACTICALS								
7.	EC8681	Microprocessors and	PC	4	0	0	4	2
8.	EC8661	VLSI Design Laboratory	PC	4	0	0	4	2
9.	EC8611	Technical Seminar	EEC	2	0	0	2	1
10.	HS8581	Professional	EEC	2	0	0	2	1
TOTAL				30	18	0	12	24

SEMESTER VII

Sl.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	EC8701	Antennas and Microwave	PC	3	3	0	0	3
2.	EC8751	Optical Communication	PC	3	3	0	0	3
3.	EC8791	Embedded and Real Time	PC	3	3	0	0	3
4.	EC8702	Ad hoc and Wireless	PC	3	3	0	0	3
5.		Professional Elective -III	PE	3	3	0	0	3
6.		Open Elective - II	OE	3	3	0	0	3
PRACTICALS								
7.	EC8711	Embedded Laboratory	PC	4	0	0	4	2
8.	EC8761	Advanced Communication	PC	4	0	0	4	2
TOTAL				26	18	0	8	22

SEMESTER VIII

Sl. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.		Professional	PE	3	3	0	0	3
2.		Professional Elective V	PE	3	3	0	0	3
PRACTICALS								
3.	EC8811	Project Work	EEC	20	0	0	20	10
TOTAL				26	6	0	20	16

TOTAL NO. OF CREDITS: 186

HUMANITIES AND SOCIALSCIENCES (HS)

SI.NO	COURSE	COURSE TITLE	CATEGORY	CONTACT	L	T	P	C
1.	HS8151	Communicative English	HS	4	4	0	0	4
2.	HS8251	Technical English	HS	4	4	0	0	4
3.	GE8291	Environmental Science and Engineering	HS	3	3	0	0	3
4.	MG8591	Principles of	HS	3	3	0	0	3

BASIC SCIENCES (BS)

SI.NO	COURSE	COURSE TITLE	CATEGORY	CONTACT	L	T	P	C
1.	MA8151	Engineering	BS	4	4	0	0	4
2.	PH8151	Engineering Physics	BS	3	3	0	0	3
3.	CY8151	Engineering Chemistry	BS	3	3	0	0	3
4.	BS8161	Physics and Chemistry	BS	4	0	0	4	2
5.	MA8251	Engineering	BS	4	4	0	0	4
6.	PH8253	Physics for Electronics	BS	3	3	0	0	3
7.	MA8352	Linear Algebra and Partial Differential	BS	4	4	0	0	4
8.	MA8451	Probability and Random	BS	4	4	0	0	4

ENGINEERING SCIENCES (ES)

SI.	COURSE	COURSE TITLE	CATEGORY	CONTACT	L	T	P	C
1.	GE8151	Problem Solving and Python	ES	3	3	0	0	3
2.	GE8152	Engineering Graphics	ES	6	2	0	4	4
3.	GE8161	Problem Solving and Python	ES	4	0	0	4	2
4.	BE8254	Basic Electrical and	ES	3	3	0	0	3
5.	GE8261	Engineering Practices	ES	4	0	0	4	2
6.	EC8393	Fundamentals of Data	ES	3	3	0	0	3

7.	EC8381	Fundamentals of Data Structures in C	ES	4	0	0	4	2
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PROFESSIONAL CORE (PC)

SI.NO	COURSE	COURSE TITLE	CATEGORY	CONTACT	L	T	P	C
1.	EC8251	Circuit Analysis	PC	4	4	0	0	4
2.	EC8252	Electronic Devices	PC	3	3	0	0	3
3.	EC8261	Circuits and Devices	PC	4	0	0	4	2
4.	EC8351	Electronic Circuits- I	PC	3	3	0	0	3
5.	EC8352	Signals and Systems	PC	4	4	0	0	4
6.	EC8392	Digital Electronics	PC	3	3	0	0	3
7.	EC8391	Control System	PC	3	3	0	0	3
8.	EC8361	Analog and Digital	PC	4	0	0	4	2
9.	EC8452	Electronic	PC	3	3	0	0	3
10.	EC8491	Communication	PC	3	3	0	0	3
11.	EC8451	Electromagnetic	PC	4	4	0	0	4
12.	EC8453	Linear Integrated	PC	3	3	0	0	3
13.	EC8461	Circuits Design and Simulation	PC	4	0	0	4	2
14.	EC8462	Linear Integrated	PC	4	0	0	4	2
15.	EC8501	Digital	PC	3	3	0	0	3
16.	EC8553	Discrete-Time Signal	PC	4	4	0	0	4
17.	EC8651	Transmission Lines	PC	3	3	0	0	3
18.	EC8552	Computer Architecture and	PC	3	3	0	0	3
19.	EC8551	Communication	PC	3	3	0	0	3
20.	EC8562	Digital Signal Processing	PC	4	0	0	4	2
21.	EC8561	Communication	PC	4	0	0	4	2
22.	EC8563	Communication	PC	4	0	0	4	2
23.	EC8691	Microprocessors and	PC	3	3	0	0	3
24.	EC8095	VLSI Design	PC	3	3	0	0	3
25.	EC8652	Wireless	PC	3	3	0	0	3
26.	EC8661	VLSI Design	PC	4	0	0	4	2

27.	EC8681	Microprocessors and Microcontrollers	PC	4	0	0	4	2
28.	EC8701	Antennas and Microwave	PC	3	3	0	0	3
29.	EC8751	Optical	PC	3	3	0	0	3
30.	EC8791	Embedded and Real	PC	3	3	0	0	3
31.	EC8702	Ad hoc and Wireless	PC	3	3	0	0	3
32.	EC8711	Embedded	PC	4	0	0	4	2
33.	EC8761	Advanced Communication	PC	4	0	0	4	2

PROFESSIONAL ELECTIVES (PE)*

SEMESTER V

ELECTIVE I

SI. No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	CS8392	Object Oriented	PE	3	3	0	0	3
2.	EC8073	Medical Electronics	PE	3	3	0	0	3
3.	CS8493	Operating Systems	PE	3	3	0	0	3
4.	EC8074	Robotics and Automation	PE	3	3	0	0	3
5.	EC8075	Nano Technology and	PE	3	3	0	0	3
6.	GE8074	Human Rights	PE	3	3	0	0	3
7.	GE8077	Total Quality Management	PE	3	3	0	0	3

SEMESTER VI

ELECTIVE II

SI.	COURSE	COURSE TITLE	CATEGORY	CONTACT	L	T	P	C
1.	CS8792	Cryptography and Network	PE	3	3	0	0	3
2.	EC8091	Advanced Digital Signal	PE	3	3	0	0	3
3.	EC8001	MEMS and NEMS	PE	3	3	0	0	3
4.	EC8002	Multimedia Compression	PE	3	3	0	0	3
5.	EC8003	CMOS Analog IC Design	PE	3	3	0	0	3
6.	EC8004	Wireless Networks	PE	3	3	0	0	3
7.	GE8075	Intellectual Property Rights	PE	3	3	0	0	3

SEMESTER VII

ELECTIVE III

SI.	COURSE	COURSE TITLE	CATEGORY	CONTACT	L	T	P	C
1.	EC8092	Advanced Wireless	PE	3	3	0	0	3
2.	EC8071	Cognitive Radio	PE	3	3	0	0	3

3.	GE8072	Foundation Skills in Integrated Product	PE	3	3	0	0	3
4.	CS8082	Machine Learning	PF	3	3	0	0	3
5.	EC8005	Electronics Packaging and	PE	3	3	0	0	3
6.	EC8006	Mixed Signal IC Design	PE	3	3	0	0	3
7.	GE8071	Disaster Management	PE	3	3	0	0	3

**SEMESTER VIII
ELECTIVE IV**

SI.No	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
1.	EC8072	Electro Magnetic Interference and	PE	3	3	0	0	3
2.	EC8007	Low power SoC Design	PE	3	3	0	0	3
3.	EC8008	Photonic Networks	PE	3	3	0	0	3
4.	EC8009	Compressive Sensing	PE	3	3	0	0	3
5.	EC8093	Digital Image	PE	3	3	0	0	3
6.	GE8076	Professional Ethics in	PE	3	3	0	0	3

**SEMESTER VIII
ELECTIVE V**

SI.No	COURSE	COURSE TITLE	CATEGORY	CONTACT	L	T	P	C
1.	EC8010	Video Analytics	PE	3	3	0	0	3
2.	EC8011	DSP Architecture and	PE	3	3	0	0	3
3.	EC8094	Satellite	PE	3	3	0	0	3
4.	CS8086	Soft Computing	PE	3	3	0	0	3
5.	IT8006	Principles of Speech	PE	3	3	0	0	3
6.	GE8073	Fundamentals of	PE	3	3	0	0	3

***Professional Electives are grouped according to elective number as was done previously.**

EMPLOYABILITY ENHANCEMENT COURSES (EEC)

S.NO	COURSE	COURSE TITLE	CATEGORY	CONTACT	L	T	P	C
1.	HS8381	Interpersonal Skills/Listening &	EEC	2	0	0	2	1

2.	EC8611	Technical Seminar	EEC	2	0	0	2	1
3.	HS8581	Professional	EEC	2	0	0	2	1
4.	EC8811	Project Work	EEC	20	0	0	20	10

HS8151

COMMUNICATIVE ENGLISH

L	T	P	C
4	0	0	4

OBJECTIVES:

- To develop the basic reading and writing skills of first year engineering and technology students.
- To help learners develop their listening skills, which will, enable them listen to lectures and comprehend them by asking questions; seeking clarifications.
- To help learners develop their speaking skills and speak fluently in real contexts.
- To help learners develop vocabulary of a general kind by developing their reading skills

UNIT I SHARING INFORMATION RELATED TO ONESELF/FAMILY& FRIENDS 12

Reading- short comprehension passages, practice in skimming-scanning and predicting- **Writing**- completing sentences- - developing hints. **Listening**- short texts- short formal and informal conversations. **Speaking**- introducing oneself - exchanging personal information- **Language development**- Wh- Questions- asking and answering-yes or no questions- parts of speech. **Vocabulary development**- prefixes- suffixes- articles.- count/ uncount nouns.

UNIT II GENERAL READING AND FREE WRITING 12

Reading - comprehension-pre-reading-post reading- comprehension questions (multiple choice questions and /or short questions/ open-ended questions)-inductive reading- short narratives and descriptions from newspapers including dialogues and conversations (also used as short Listening texts)- register- **Writing** – paragraph writing- topic sentence- main ideas- free writing, short narrative descriptions using some suggested vocabulary and structures –**Listening**- telephonic conversations. **Speaking** – sharing information of a personal kind—greeting – taking leave- **Language development** – prepositions, conjunctions **Vocabulary development**- guessing meanings of words in context.

UNIT III GRAMMAR AND LANGUAGE DEVELOPMENT 12

Reading- short texts and longer passages (close reading) **Writing**- understanding text structure- use of reference words and discourse markers-coherence-jumbled sentences **Listening** – listening to longer texts and filling up the table- product description- narratives from different sources. **Speaking**- asking about routine actions and expressing opinions. **Language development**- degrees of comparison- pronouns- direct vs indirect questions- **Vocabulary development** – single word substitutes- adverbs.

UNIT IV READING AND LANGUAGE DEVELOPMENT

12

Reading- comprehension-reading longer texts- reading different types of texts- magazines

Writing- letter writing, informal or personal letters-e-mails-conventions of personal email-

Listening- listening to dialogues or conversations and completing exercises based on them.

Speaking- speaking about oneself- speaking about one's friend- **Language development-**

Tenses- simple present-simple past- present continuous and past continuous- **Vocabulary**

development- synonyms-antonyms- phrasal verbs

UNIT V EXTENDED WRITING

12

Reading- longer texts- close reading –**Writing**- brainstorming -writing short essays – developing an outline- identifying main and subordinate ideas- dialogue writing-**Listening** – listening to talks- conversations- **Speaking** – participating in conversations- short group conversations-**Language development**-modal verbs- present/ past perfect tense - **Vocabulary development**-collocations- fixed and semi-fixed expressions.

TOTAL: 60 PERIODS

OUTCOMES:

At the end of the course, learners will be able to:

- Read articles of a general kind in magazines and newspapers.
- Participate effectively in informal conversations; introduce themselves and their friends and express opinions in English.
- Comprehend conversations and short talks delivered in English
- Write short essays of a general kind and personal letters and emails in English.

TEXT BOOKS:

1. Board of Editors. **Using English** A Coursebook for Undergraduate Engineers and Technologists. Orient BlackSwan Limited, Hyderabad: 2015
2. Richards, C. Jack. **Interchange Students' Book-2** New Delhi: CUP, 2015.

REFERENCES:

1. Bailey, Stephen. **Academic Writing: A practical guide for students**. New York: Rutledge,2011.
2. Means,L. Thomas and Elaine Langlois. **English & Communication For Colleges**. CengageLearning ,USA: 2007
3. Redston, Chris & Gillies Cunningham **Face2Face** (Pre-intermediate Student's Book & Workbook) Cambridge University Press, New Delhi: 2005
4. Comfort, Jeremy, et al. **Speaking Effectively: Developing Speaking Skills for Business English**. Cambridge University Press, Cambridge: Reprint 2011
5. Dutt P. Kiranmai and Rajeevan Geeta. **Basic Communication Skills**, Foundation Books:

2013.

MA8151

ENGINEERING MATHEMATICS – I

L T P C

4 0 0 4

OBJECTIVES :

The goal of this course is to achieve conceptual understanding and to retain the best traditions of traditional calculus. The syllabus is designed to provide the basic tools of calculus mainly for the purpose of modelling the engineering problems mathematically and obtaining solutions. This is a foundation course which mainly deals with topics such as single variable and multivariable calculus and plays an important role in the understanding of science, engineering, economics and computer science, among other disciplines.

UNIT I DIFFERENTIAL CALCULUS 12

Representation of functions - Limit of a function - Continuity - Derivatives - Differentiation rules - Maxima and Minima of functions of one variable.

UNIT II FUNCTIONS OF SEVERAL VARIABLES 12

Partial differentiation – Homogeneous functions and Euler’s theorem – Total derivative – Change of variables – Jacobians – Partial differentiation of implicit functions – Taylor’s series for functions of two variables – Maxima and minima of functions of two variables – Lagrange’s method of undetermined multipliers.

UNIT III INTEGRAL CALCULUS 12

Definite and Indefinite integrals - Substitution rule - Techniques of Integration - Integration by parts, Trigonometric integrals, Trigonometric substitutions, Integration of rational functions by partial fraction, Integration of irrational functions - Improper integrals.

UNIT IV MULTIPLE INTEGRALS 12

Double integrals – Change of order of integration – Double integrals in polar coordinates – Area enclosed by plane curves – Triple integrals – Volume of solids – Change of variables in double and triple integrals.

UNIT V DIFFERENTIAL EQUATIONS 12

Higher order linear differential equations with constant coefficients - Method of variation of parameters – Homogenous equation of Euler’s and Legendre’s type – System of simultaneous linear differential equations with constant coefficients - Method of undetermined coefficients.

TOTAL : 60 PERIODS

OUTCOMES:

After completing this course, students should demonstrate competency in the following skills:

- Use both the limit definition and rules of differentiation to differentiate functions.
- Apply differentiation to solve maxima and minima problems.
- Evaluate integrals both by using Riemann sums and by using the Fundamental Theorem of Calculus.
- Apply integration to compute multiple integrals, area, volume, integrals in polar coordinates, in addition to change of order and change of variables.
- Evaluate integrals using techniques of integration, such as substitution, partial fractions and integration by parts.
- Determine convergence/divergence of improper integrals and evaluate convergent improper integrals.
- Apply various techniques in solving differential equations.

TEXT BOOKS :

1. Grewal B.S., "Higher Engineering Mathematics", Khanna Publishers, New Delhi, 43rd Edition, 2014.
2. James Stewart, "Calculus: Early Transcendentals", Cengage Learning, 7th Edition, New Delhi, 2015. [For Units I & III - Sections 1.1, 2.2, 2.3, 2.5, 2.7(Tangents problems only), 2.8, 3.1 to 3.6, 3.11, 4.1, 4.3, 5.1(Area problems only), 5.2, 5.3, 5.4 (excluding net change theorem), 5.5, 7.1 - 7.4 and 7.8].

REFERENCES :

1. Anton, H, Bivens, I and Davis, S, "Calculus", Wiley, 10th Edition, 2016.
2. Jain R.K. and Iyengar S.R.K., "Advanced Engineering Mathematics", Narosa Publications, New Delhi, 3rd Edition, 2007.
3. Narayanan, S. and Manicavachagom Pillai, T. K., "Calculus" Volume I and II, S. Viswanathan Publishers Pvt. Ltd., Chennai, 2007.
4. Srimantha Pal and Bhunia, S.C, "Engineering Mathematics" Oxford University Press, 2015.
5. Weir, M.D and Joel Hass, "Thomas Calculus", 12th Edition, Pearson India, 2016.

PH8151**ENGINEERING PHYSICS**

L	T	P	C
3	0	0	3

OBJECTIVES:

- To enhance the fundamental knowledge in Physics and its applications relevant to various streams of Engineering and Technology.

UNIT I PROPERTIES OF MATTER**9**

Elasticity – Stress-strain diagram and its uses - factors affecting elastic modulus and tensile strength – torsional stress and deformations – twisting couple - torsion pendulum: theory and experiment - bending of beams - bending moment – cantilever: theory and experiment – uniform and non-uniform bending: theory and experiment - I-shaped girders - stress due to bending in beams.

UNIT II WAVES AND FIBER OPTICS**9**

Oscillatory motion – forced and damped oscillations: differential equation and its solution – plane progressive waves – wave equation. Lasers : population of energy levels, Einstein's A and B coefficients derivation – resonant cavity, optical amplification (qualitative) – Semiconductor lasers: homojunction and heterojunction – Fiber optics: principle, numerical aperture and acceptance angle - types of optical fibres (material, refractive index, mode) – losses associated with optical fibers - fibre optic sensors: pressure and displacement.

UNIT III THERMAL PHYSICS

9

Transfer of heat energy – thermal expansion of solids and liquids – expansion joints - bimetallic strips - thermal conduction, convection and radiation – heat conduction in solids – thermal conductivity - Forbe's and Lee's disc method: theory and experiment - conduction through compound media (series and parallel) – thermal insulation – applications: heat exchangers, refrigerators, ovens and solar water heaters.

UNIT IV QUANTUM PHYSICS

9

Black body radiation – Planck's theory (derivation) – Compton effect: theory and experimental verification – wave particle duality – electron diffraction – concept of wave function and its physical significance – Schrödinger's wave equation – time independent and time dependent equations – particle in a one-dimensional rigid box – tunnelling (qualitative) - scanning tunnelling microscope.

UNIT V CRYSTAL PHYSICS**9**

Single crystalline, polycrystalline and amorphous materials – single crystals: unit cell, crystal systems, Bravais lattices, directions and planes in a crystal, Miller indices – inter-planar distances - coordination number and packing factor for SC, BCC, FCC, HCP and diamond structures - crystal imperfections: point defects, line defects – Burger vectors, stacking faults – role of imperfections in plastic deformation - growth of single crystals: solution and melt growth techniques.

TOTAL : 45 PERIODS**OUTCOMES:****Upon completion of this course,**

- the students will gain knowledge on the basics of properties of matter and its applications,
- the students will acquire knowledge on the concepts of waves and optical devices and their applications in fibre optics,
- the students will have adequate knowledge on the concepts of thermal properties of materials and their applications in expansion joints and heat exchangers,
- the students will get knowledge on advanced physics concepts of quantum theory and its applications in tunneling microscopes, and
- the students will understand the basics of crystals, their structures and different crystal growth techniques.

TEXT BOOKS:

1. Bhattacharya, D.K. & Poonam, T. “Engineering Physics”. Oxford University Press, 2015.
2. Gaur, R.K. & Gupta, S.L. “Engineering Physics”. Dhanpat Rai Publishers, 2012.
3. Pandey, B.K. & Chaturvedi, S. “Engineering Physics”. Cengage Learning India, 2012.

REFERENCES:

1. Halliday, D., Resnick, R. & Walker, J. “Principles of Physics”. Wiley, 2015.
2. Serway, R.A. & Jewett, J.W. “Physics for Scientists and Engineers”. Cengage Learning, 2010.
3. Tipler, P.A. & Mosca, G. “Physics for Scientists and Engineers with Modern Physics’. W.H.Freeman, 2007.

CY8151

ENGINEERING CHEMISTRY

L T P C

3 0 0 3

OBJECTIVES:

- To make the students conversant with boiler feed water requirements, related problems and water treatment techniques.
- To develop an understanding of the basic concepts of phase rule and its applications to single and two component systems and appreciate the purpose and significance of alloys.
- Preparation, properties and applications of engineering materials.
- Types of fuels, calorific value calculations, manufacture of solid, liquid and gaseous fuels.
- Principles and generation of energy in batteries, nuclear reactors, solar cells, wind mills and fuel cells.

UNIT I WATER AND ITS TREATMENT 9

Hardness of water – types – expression of hardness – units – estimation of hardness of water by EDTA – numerical problems – boiler troubles (scale and sludge) – treatment of boiler feed water – Internal treatment (phosphate, colloidal, sodium aluminate and calgon conditioning) external treatment – Ion exchange process, zeolite process – desalination of brackish water - Reverse Osmosis.

UNIT II SURFACE CHEMISTRY AND CATALYSIS 9

Adsorption: Types of adsorption – adsorption of gases on solids – adsorption of solute from solutions – adsorption isotherms – Freundlich's adsorption isotherm – Langmuir's adsorption isotherm – contact theory – kinetics of surface reactions, unimolecular reactions, Langmuir - applications of adsorption on pollution abatement. Catalysis: Catalyst – types of catalysis – criteria – autocatalysis – catalytic poisoning and catalytic promoters - acid base catalysis – applications (catalytic convertor) – enzyme catalysis– Michaelis – Menten equation.

UNIT III ALLOYS AND PHASE RULE 9

Alloys: Introduction- Definition- properties of alloys- significance of alloying, functions and effect of alloying elements- Nichrome and stainless steel (18/8) – heat treatment of steel. Phase rule: Introduction, definition of terms with examples, one component system -water system - reduced phase rule - thermal analysis and cooling curves - two component systems - lead-silver system - Pattinson process.

UNIT IV FUELS AND COMBUSTION 9

Fuels: Introduction - classification of fuels - coal - analysis of coal (proximate and ultimate) - carbonization - manufacture of metallurgical coke (Otto Hoffmann method) - petroleum - manufacture of synthetic petrol (Bergius process) - knocking - octane number - diesel oil - cetane number - natural gas - compressed natural gas (CNG) - liquefied petroleum gases (LPG) - power alcohol and biodiesel. Combustion of fuels: Introduction - calorific value - higher and lower calorific values- theoretical calculation of calorific value - ignition temperature - spontaneous ignition temperature - explosive range - flue gas analysis (ORSAT Method).

UNIT V ENERGY SOURCES AND STORAGE DEVICES 9

Nuclear fission - controlled nuclear fission - nuclear fusion - differences between nuclear fission and fusion - nuclear chain reactions - nuclear energy - light water nuclear power plant - breeder reactor - solar energy conversion - solar cells - wind energy. Batteries, fuel cells and

supercapacitors: Types of batteries – primary battery (dry cell) secondary battery (lead acid battery, lithium-ion-battery) fuel cells – H₂-O₂ fuel cell.

TOTAL: 45 PERIODS

OUTCOMES:

- The knowledge gained on engineering materials, fuels, energy sources and water treatment techniques will facilitate better understanding of engineering processes and applications for further learning.

TEXT BOOKS:

1. S. S. Dara and S. S. Umare, "A Textbook of Engineering Chemistry", S. Chand & Company LTD, New Delhi, 2015
2. P. C. Jain and Monika Jain, "Engineering Chemistry" Dhanpat Rai Publishing Company (P) LTD, New Delhi, 2015
3. S. Vairam, P. Kalyani and Suba Ramesh, "Engineering Chemistry", Wiley India PVT, LTD, New Delhi, 2013.

REFERENCES:

1. Friedrich Emich, "Engineering Chemistry", Scientific International PVT, LTD, New Delhi, 2014.
2. Prasanta Rath, "Engineering Chemistry", Cengage Learning India PVT, LTD, Delhi, 2015.
3. Shikha Agarwal, "Engineering Chemistry-Fundamentals and Applications", Cambridge University Press, Delhi, 2015.

GE8151 PROBLEM SOLVING AND PYTHON PROGRAMMING L T P C
3 0 0 3

OBJECTIVES:

- To know the basics of algorithmic problem solving
- To read and write simple Python programs.
- To develop Python programs with conditionals and loops.
- To define Python functions and call them.
- To use Python data structures — lists, tuples, dictionaries.
- To do input/output with files in Python.

UNIT I ALGORITHMIC PROBLEM SOLVING 9

Algorithms, building blocks of algorithms (statements, state, control flow, functions), notation (pseudo code, flow chart, programming language), algorithmic problem solving, simple strategies for developing algorithms (iteration, recursion). Illustrative problems: find minimum in a list, insert a card in a list of sorted cards, guess an integer number in a range, Towers of Hanoi.

UNIT II DATA, EXPRESSIONS, STATEMENTS 9

Python interpreter and interactive mode; values and types: int, float, boolean, string, and list; variables, expressions, statements, tuple assignment, precedence of operators, comments; modules and functions, function definition and use, flow of execution, parameters and arguments; Illustrative programs: exchange the values of two variables, circulate the values of n variables, distance between two points.

UNIT III CONTROL FLOW, FUNCTIONS 9

OUTCOMES:

Upon completion of the course, students will be able to

- Develop algorithmic solutions to simple computational problems
- Read, write, execute by hand simple Python programs.
- Structure simple Python programs for solving problems.
- Decompose a Python program into functions.
- Represent compound data using Python lists, tuples, dictionaries.
- Read and write data from/to files in Python Programs.

TEXT BOOKS:

1. Allen B. Downey, ``Think Python: How to Think Like a Computer Scientist'', 2nd edition, Updated for Python 3, Shroff/O'Reilly Publishers, 2016 (<http://greenteapress.com/wp/think-python/>)
2. Guido van Rossum and Fred L. Drake Jr, "An Introduction to Python – Revised and updated for Python 3.2, Network Theory Ltd., 2011.

REFERENCES:

1. John V Guttag, "Introduction to Computation and Programming Using Python", Revised and expanded Edition, MIT Press , 2013
2. Robert Sedgewick, Kevin Wayne, Robert Dondero, "Introduction to Programming in Python: An Inter-disciplinary Approach, Pearson India Education Services Pvt. Ltd., 2016.
3. Timothy A. Budd, "Exploring Python", Mc-Graw Hill Education (India) Private Ltd.,, 2015.
4. Kenneth A. Lambert, "Fundamentals of Python: First Programs", CENGAGE Learning, 2012.
5. Charles Dierbach, "Introduction to Computer Science using Python: A Computational Problem-Solving Focus, Wiley India Edition, 2013.
6. Paul Gries, Jennifer Campbell and Jason Montojo, "Practical Programming: An Introduction to Computer Science using Python 3", Second edition, Pragmatic Programmers, LLC, 2013.

GE8152

ENGINEERING GRAPHICS

L T P C

2 0 4 4

OBJECTIVES:

- To develop in students, graphic skills for communication of concepts, ideas and design of Engineering products.
- To expose them to existing national standards related to technical drawings.

CONCEPTS AND CONVENTIONS (Not for Examination)

1

Importance of graphics in engineering applications – Use of drafting instruments – BIS conventions and specifications – Size, layout and folding of drawing sheets – Lettering and dimensioning.

UNIT I PLANE CURVES AND FREEHAND SKETCHING

7+12

Basic Geometrical constructions, Curves used in engineering practices: Conics – Construction of ellipse, parabola and hyperbola by eccentricity method – Construction of cycloid – construction of involutes of square and circle – Drawing of tangents and normal to the above curves.

Visualization concepts and Free Hand sketching: Visualization principles –Representation of Three Dimensional objects – Layout of views- Freehand sketching of multiple views from pictorial views of objects

UNIT II PROJECTION OF POINTS, LINES AND PLANE SURFACE 6+12

Orthographic projection- principles-Principal planes-First angle projection-projection of points. Projection of straight lines (only First angle projections) inclined to both the principal planes - Determination of true lengths and true inclinations by rotating line method and traces Projection of planes (polygonal and circular surfaces) inclined to both the principal planes by rotating object method.

UNIT III PROJECTION OF SOLIDS 5+12

Projection of simple solids like prisms, pyramids, cylinder, cone and truncated solids when the axis is inclined to one of the principal planes by rotating object method.

UNIT IV PROJECTION OF SECTIONED SOLIDS AND DEVELOPMENT OF SURFACES 5+12

Sectioning of above solids in simple vertical position when the cutting plane is inclined to the one of the principal planes and perpendicular to the other – obtaining true shape of section. Development of lateral surfaces of simple and sectioned solids – Prisms, pyramids cylinders and cones.

UNIT V ISOMETRIC AND PERSPECTIVE PROJECTIONS 6+12

Principles of isometric projection – isometric scale –Isometric projections of simple solids and truncated solids - Prisms, pyramids, cylinders, cones- combination of two solid objects in simple vertical positions - Perspective projection of simple solids-Prisms, pyramids and cylinders by visual ray method .

TOTAL: 90 PERIODS

OUTCOMES:

On successful completion of this course, the student will be able to:

- Familiarize with the fundamentals and standards of Engineering graphics
- Perform freehand sketching of basic geometrical constructions and multiple views of objects.
- Project orthographic projections of lines and plane surfaces.
- Draw projections and solids and development of surfaces.
- Visualize and to project isometric and perspective sections of simple solids.

TEXT BOOKS:

1. Natrajan K.V., “A text book of Engineering Graphics”, Dhanalakshmi Publishers, Chennai, 2009.

2. Venugopal K. and Prabhu Raja V., "Engineering Graphics", New Age International (P) Limited, 2008.

REFERENCES:

1. Bhatt N.D. and Panchal V.M., "Engineering Drawing", Charotar Publishing House, 50th Edition, 2010.
2. Basant Agarwal and Agarwal C.M., "Engineering Drawing", Tata McGraw Hill Publishing Company Limited, New Delhi, 2008.
3. Gopalakrishna K.R., "Engineering Drawing" (Vol. I&II combined), Subhas Stores, Bangalore, 2007.
4. Luzzader, Warren.J. and Duff,John M., "Fundamentals of Engineering Drawing with an introduction to Interactive Computer Graphics for Design and Production, Eastern Economy Edition, Prentice Hall of India Pvt. Ltd, New Delhi, 2005.
5. N S Parthasarathy And Vela Murali, "Engineering Graphics", Oxford University, Press, New Delhi, 2015.
6. Shah M.B., and Rana B.C., "Engineering Drawing", Pearson, 2nd Edition, 2009.

Publication of Bureau of Indian Standards:

1. IS 10711 – 2001: Technical products Documentation – Size and lay out of drawing sheets.
2. IS 9609 (Parts 0 & 1) – 2001: Technical products Documentation – Lettering.

3. IS 10714 (Part 20) – 2001 & SP 46 – 2003: Lines for technical drawings.
4. IS 11669 – 1986 & SP 46 – 2003: Dimensioning of Technical Drawings.
5. IS 15021 (Parts 1 to 4) – 2001: Technical drawings – Projection Methods.

Special points applicable to University Examinations on Engineering Graphics:

1. There will be five questions, each of either or type covering all units of the syllabus.
2. All questions will carry equal marks of 20 each making a total of 100.
3. The answer paper shall consist of drawing sheets of A3 size only. The
4. students will be permitted to use appropriate scale to fit solution within A3 size.
5. The examination will be conducted in appropriate sessions on the same day

GE8161 PROBLEM SOLVING ANDPYTHON PROGRAMMING LABORATORY

L T P C

0 0 4 2

OBJECTIVES

- To write, test, and debug simple Python programs.
- To implement Python programs with conditionals and loops.
- Use functions for structuring Python programs.
- Represent compound data using Python lists, tuples, dictionaries.
- Read and write data from/to files in Python.

LIST OF PROGRAMS

1. Compute the GCD of two numbers.
2. Find the square root of a number (Newton's method)
3. Exponentiation (power of a number)
4. Find the maximum of a list of numbers
5. Linear search and Binary search

6. Selection sort, Insertion sort
7. Merge sort
8. First n prime numbers
9. Multiply matrices
10. Programs that take command line arguments (word count)
11. Find the most frequent words in a text read from a file
12. Simulate elliptical orbits in Pygame
13. Simulate bouncing ball using Pygame

PLATFORM NEEDED

Python 3 interpreter for Windows/Linux

OUTCOMES

Upon completion of the course, students will be able to:

- Write, test, and debug simple Python programs.
- Implement Python programs with conditionals and loops.
- Develop Python programs step-wise by defining functions and calling them.
- Use Python lists, tuples, dictionaries for representing compound data.
- Read and write data from/to files in Python.

TOTAL: 60 PERIODS

BS8161	PHYSICS AND CHEMISTRY LABORATORY	L	T	P	C
	(Common to all branches of B.E. / B.Tech Programmes)	0	0	4	2

OBJECTIVES:

- To introduce different experiments to test basic understanding of physics concepts applied in optics, thermal physics, properties of matter and liquids.

LIST OF EXPERIMENTS: PHYSICS LABORATORY (Any 5 Experiments)

- Determination of rigidity modulus – Torsion pendulum
- Determination of Young's modulus by non-uniform bending method
- (a) Determination of wavelength, and particle size using Laser
(b) Determination of acceptance angle in an optical fiber.
- Determination of thermal conductivity of a bad conductor – Lee's Disc method.
- Determination of velocity of sound and compressibility of liquid – Ultrasonic interferometer
- Determination of wavelength of mercury spectrum – spectrometer grating
- Determination of band gap of a semiconductor
- Determination of thickness of a thin wire – Air wedge method

TOTAL: 30 PERIODS

OUTCOMES:

Upon completion of the course, the students will be able to

- apply principles of elasticity, optics and thermal properties for engineering applications.

CHEMISTRY LABORATORY: (Any seven experiments to be conducted)

OBJECTIVES:

- To make the student to acquire practical skills in the determination of water quality parameters through volumetric and instrumental analysis.
- To acquaint the students with the determination of molecular weight of a polymer by viscometry.

- Estimation of HCl using Na_2CO_3 as primary standard and Determination of alkalinity in water sample.
- Determination of total, temporary & permanent hardness of water by EDTA method.
- Determination of DO content of water sample by Winkler's method.

4. Determination of chloride content of water sample by argentometric method.
5. Estimation of copper content of the given solution by Iodometry.
6. Determination of strength of given hydrochloric acid using pH meter.
7. Determination of strength of acids in a mixture of acids using conductivity meter.
8. Estimation of iron content of the given solution using potentiometer.
9. Estimation of iron content of the water sample using spectrophotometer (1, 10-Phenanthroline / thiocyanate method).
10. Estimation of sodium and potassium present in water using flame photometer.
11. Determination of molecular weight of polyvinyl alcohol using Ostwald viscometer.
12. Pseudo first order kinetics-ester hydrolysis.
13. Corrosion experiment-weight loss method.
14. Determination of CMC.
15. Phase change in a solid.
16. Conductometric titration of strong acid vs strong base.

OUTCOMES:

- The students will be outfitted with hands-on knowledge in the quantitative chemical analysis of water quality related parameters.

TOTAL: 30 PERIODS

TEXTBOOKS:

1. Vogel's Textbook of Quantitative Chemical Analysis (8TH edition, 2014)

HS8251

TECHNICAL ENGLISH

L T P C

4 0 0 4

OBJECTIVES:

The Course prepares second semester engineering and Technology students to:

- Develop strategies and skills to enhance their ability to read and comprehend engineering and technology texts.
- Foster their ability to write convincing job applications and effective reports.
- Develop their speaking skills to make technical presentations, participate in group discussions.
- Strengthen their listening skill which will help them comprehend lectures and talks in their areas of specialization.

UNIT I INTRODUCTION TECHNICAL ENGLISH 12

Listening- Listening to talks mostly of a scientific/technical nature and completing information-gap exercises- **Speaking** –Asking for and giving directions- **Reading** – reading short technical texts from journals- newspapers- **Writing-** purpose statements – extended definitions – issue- writing instructions – checklists-recommendations-**Vocabulary Development-** technical vocabulary **Language Development** –subject verb agreement - compound words.

UNIT II READING AND STUDY SKILLS 12

Listening- Listening to longer technical talks and completing exercises based on them-**Speaking** – describing a process-**Reading** – reading longer technical texts- identifying the various transitions in a text- paragraphing- **Writing-** interpreting charts, graphs- **Vocabulary Development-** vocabulary used in formal letters/emails and reports **Language Development-** impersonal passive voice, numerical adjectives.

UNIT III TECHNICAL WRITING AND GRAMMAR 12

Listening- Listening to classroom lectures/ talks on engineering/technology -**Speaking** – introduction to technical presentations- **Reading** – longer texts both general and technical, practice in speed reading; **Writing-**Describing a process, use of sequence words- **Vocabulary Development-** sequence words- Misspelled words. **Language Development-** embedded sentences

UNIT IV REPORT WRITING 12

Listening- Listening to documentaries and making notes. **Speaking** – mechanics of presentations- **Reading** – reading for detailed comprehension- **Writing-** email etiquette- job application – cover letter –Résumé preparation(via email and hard copy)- analytical essays and issue based essays--**Vocabulary Development-** finding suitable synonyms-paraphrasing-. **Language Development-** clauses- if conditionals.

UNIT V GROUP DISCUSSION AND JOB APPLICATIONS 12

Listening- TED/Ink talks; **Speaking** –participating in a group discussion -**Reading**– reading and understanding technical articles **Writing**– Writing reports- minutes of a meeting- accident and survey-**Vocabulary Development-** verbal analogies **Language Development-** reported speech

TOTAL :60 PERIODS

OUTCOMES:

At the end of the course learners will be able to:

- Read technical texts and write area- specific texts effortlessly.
- Listen and comprehend lectures and talks in their area of specialisation successfully.
- Speak appropriately and effectively in varied formal and informal contexts.
- Write reports and winning job applications.

TEXT BOOKS:

1. Board of editors. **Fluency in English A Course book for Engineering and Technology.**
Orient Blackswan, Hyderabad: 2016
2. Sudharshana.N.P and Saveetha. C. **English for Technical Communication.** Cambridge
University Press: New Delhi, 2016.

REFERENCES:

1. Raman, Meenakshi and Sharma, Sangeetha- **Technical Communication Principles and Practice.**Oxford University Press: New Delhi,2014.
2. Kumar, Suresh. E. **Engineering English.** Orient Blackswan: Hyderabad,2015
3. Booth-L. Diana, **Project Work,** Oxford University Press, Oxford: 2014.
4. Grussendorf, Marion, **English for Presentations,** Oxford University Press, Oxford: 2007
5. Means, L. Thomas and Elaine Langlois, **English & Communication For Colleges.**
Cengage Learning, USA: 2007
Students can be asked to read Tagore, Chetan Bhagat and for supplementary reading.

MA8251

ENGINEERING MATHEMATICS – II

L T P C

4 0 0 4

OBJECTIVES :

This course is designed to cover topics such as Matrix Algebra, Vector Calculus, Complex Analysis and Laplace Transform. Matrix Algebra is one of the powerful tools to handle practical problems arising in the field of engineering. Vector calculus can be widely used for modelling the

UNIT V LAPLACE TRANSFORMS

12

Existence conditions – Transforms of elementary functions – Transform of unit step function and unit impulse function – Basic properties – Shifting theorems -Transforms of derivatives and integrals – Initial and final value theorems – Inverse transforms – Convolution theorem – Transform of periodic functions – Application to solution of linear second order ordinary differential equations with constant coefficients.

TOTAL: 60 PERIODS

OUTCOMES:

After successfully completing the course, the student will have a good understanding of the following topics and their applications:

- Eigenvalues and eigenvectors, diagonalization of a matrix, Symmetric matrices, Positive definite matrices and similar matrices.
- Gradient, divergence and curl of a vector point function and related identities.
- Evaluation of line, surface and volume integrals using Gauss, Stokes and Green's theorems and their verification.
- Analytic functions, conformal mapping and complex integration.
- Laplace transform and inverse transform of simple functions, properties, various related theorems and application to differential equations with constant coefficients.

TEXT BOOKS :

1. Grewal B.S., "Higher Engineering Mathematics", Khanna Publishers, New Delhi, 43rd Edition, 2014.
2. Kreyszig Erwin, "Advanced Engineering Mathematics ", John Wiley and Sons, 10th Edition, New Delhi, 2016.

REFERENCES :

1. Bali N., Goyal M. and Watkins C., "Advanced Engineering Mathematics", Firewall Media (An imprint of Lakshmi Publications Pvt., Ltd.), New Delhi, 7th Edition, 2009.
2. Jain R.K. and Iyengar S.R.K., " Advanced Engineering Mathematics ", Narosa Publications, New Delhi , 3rd Edition, 2007.
3. O'Neil, P.V. "Advanced Engineering Mathematics", Cengage Learning India Pvt., Ltd, New Delhi, 2007.
4. Sastry, S.S, "Engineering Mathematics", Vol. I & II, PHI Learning Pvt. Ltd, 4th Edition, New Delhi, 2014.

UNIT II SEMICONDUCTOR PHYSICS 9

Intrinsic Semiconductors – Energy band diagram – direct and indirect semiconductors – Carrier concentration in intrinsic semiconductors – extrinsic semiconductors - Carrier concentration in N-type & P-type semiconductors – Carrier transport: Velocity-electric field relations – drift and diffusion transport - Einstein's relation – Hall effect and devices – Zener and avalanche breakdown in p-n junctions - Ohmic contacts – tunnel diode - Schottky diode – MOS capacitor - power transistor.

UNIT III MAGNETIC AND DIELECTRIC PROPERTIES OF MATERIALS 9

Magnetism in materials – magnetic field and induction – magnetization - magnetic permeability and susceptibility–types of magnetic materials – microscopic classification of magnetic materials - Ferromagnetism: origin and exchange interaction- saturation magnetization and Curie temperature – Domain Theory. Dielectric materials: Polarization processes – dielectric loss – internal field – Clausius-Mosotti relation- dielectric breakdown – high-k dielectrics.

UNIT IV OPTICAL PROPERTIES OF MATERIALS 9

Classification of optical materials – carrier generation and recombination processes - Absorption emission and scattering of light in metals, insulators and Semiconductors (concepts only) - photo current in a P- N diode – solar cell –photo detectors - LED – Organic LED – Laser diodes – excitons - quantum confined Stark effect – quantum dot laser.

UNIT V NANOELECTRONIC DEVICES 9

Introduction - electron density in bulk material – Size dependence of Fermi energy– quantum confinement – quantum structures - Density of states in quantum well, quantum wire and quantum dot structures –Zener-Bloch oscillations – resonant tunneling – quantum interference effects – mesoscopic structures: conductance fluctuations and coherent transport – Coulomb blockade effects - Single electron phenomena and Single electron Transistor – magnetic semiconductors– spintronics - Carbon nanotubes: Properties and applications.

TOTAL :45 PERIODS

OUTCOMES:

At the end of the course, the students will able to

- Gain knowledge on classical and quantum electron theories, and energy band structures,
- Acquire knowledge on basics of semiconductor physics and its applications in various devices,
- Get knowledge on magnetic and dielectric properties of materials,
- Have the necessary understanding on the functioning of optical materials for optoelectronics,
- Understand the basics of quantum structures and their applications in spintronics and carbon electronics..

TEXT BOOKS:

1. Kasap, S.O. "Principles of Electronic Materials and Devices", McGraw-Hill Education, 2007.
2. Umesh K Mishra & Jasprit Singh, "Semiconductor Device Physics and Design", Springer, 2008.
3. Wahab, M.A. "Solid State Physics: Structure and Properties of Materials". Narosa Publishing House, 2009.

REFERENCES:

1. Garcia, N. & Damask, A. "Physics for Computer Science Students". Springer-Verlag, 2012.
2. Hanson, G.W. "Fundamentals of Nanoelectronics". Pearson Education, 2009
3. Rogers, B., Adams, J. & Pennathur, S. "Nanotechnology: Understanding Small Systems". CRC Press, 2014

OBJECTIVES:

To impart knowledge on

- Operation of Three phase electrical circuits and power measurement
- Working principles of Electrical Machines
- Working principle of Various measuring instruments

UNIT I AC CIRCUITS AND POWER SYSTEMS 9

Three phase power supply – Star connection – Delta connection – Balanced and Unbalanced Loads- Power equation – Star Delta Conversion – Three Phase Power Measurement - Transmission & Distribution of electrical energy – Over head Vs Underground system – Protection of power system – types of tariff – power factor improvement

UNIT II TRANSFORMER 9

Introduction - Ideal Transformer – Accounting For Finite Permeability And Core Loss – Circuit Model Of Transformer – Per Unit System – Determination Of Parameters Of Circuit Model Of Transformer – Voltage Regulation – Name Plate Rating – Efficiency – Three Phase Transformers - Auto Transformers

UNIT III DC MACHINES 9

Introduction – Constructional Features– Motoring and generation principle - Emf And Torque equation – Circuit Model – Methods of Excitation and magnetisation characteristics – Starting and Speed Control – Universal Motor

UNIT IV AC MACHINES 9

Principle of operation of three-phase induction motors – Construction –Types – Equivalent circuit, Single phase Induction motors -Construction– Types–starting and speed control methods. Alternator- working principle–Equation of induced EMF – Voltage regulation, Synchronous motors-working principle-starting methods — Torque equation – Stepper Motors – Brushless DC Motors

UNIT V MEASUREMENT AND INSTRUMENTATION 9

Type of Electrical and electronic instruments – Classification- Types of indicating Instruments – Principles of Electrical Instruments –Multimeters, Oscilloscopes- Static and Dynamic Characteristics of Measurement – Errors in Measurement – Transducers - Classification of Transducers: Resistive, Inductive, Capacitive, Thermoelectric, piezoelectric, photoelectric, Hall effect and Mechanical

TOTAL: 45 PERIODS

OUTCOMES:

At the end of the course the students will be able to

- Understand the concept of three phase power circuits and measurement.
- Comprehend the concepts in electrical generators, motors and transformers
- Choose appropriate measuring instruments for given application

TEXT BOOKS:

1. D P Kothari and I.J Nagarath, "Basic Electrical and Electronics Engineering", McGraw Hill Education(India) Private Limited, Third Reprint ,2016
2. Giorgio Rizzoni, "Principles and Applications of Electrical Engineering", McGraw Hill Education(India) Private Limited, 2010
3. S.K.Bhattacharya "Basic Electrical and Electronics Engineering", Pearson India, 2011

REFERENCES:

1. Del Toro , "Electrical Engineering Fundamentals", Pearson Education, New Delhi, 2015.
2. Leonard S Bobrow, " Foundations of Electrical Engineering", Oxford University Press, 2013
3. Rajendra Prasad , "Fundamentals of Electrical engineering", Prentice Hall of India, 2006.
4. Mittle N., "Basic Electrical Engineering", Tata McGraw Hill Edition, 24th reprint 2016
5. A.E.Fitzgerald, David E Higginbotham and Arvin Grabel, "Basic Electrical Engineering", McGraw Hill Education(India) Private Limited, 2009

EC8251

CIRCUIT ANALYSIS

L T P C

4 0 0 4

OBJECTIVES:

- To introduce the basic concepts of DC and AC circuits behavior
- To study the transient and steady state response of the circuits subjected to step and sinusoidal excitations.
- To introduce different methods of circuit analysis using Network theorems, duality and topology.

UNIT I BASIC CIRCUITS ANALYSIS AND NETWORK TOPOLOGY 12

Ohm's Law – Kirchoff's laws – Mesh current and node voltage method of analysis for D.C and A.C. circuits - Network terminology - Graph of a network - Incidence and reduced incidence matrices – Trees –Cutsets - Fundamental cutsets - Cutset matrix – Tie sets - Link currents and Tie set schedules -Twig voltages and Cutset schedules, Duality and dual networks.

UNIT II NETWORK THEOREMS FOR DC AND AC CIRCUITS 12

Network theorems -Superposition theorem, Thevenin's theorem, Norton's theorem, Reciprocity theorem, Millman's theorem, and Maximum power transfer theorem ,application of Network theorems- Network reduction: voltage and current division, source transformation – star delta conversion.

UNIT III RESONANCE AND COUPLED CIRCUITS 12

Resonance - Series resonance - Parallel resonance - Variation of impedance with frequency - Variation in current through and voltage across L and C with frequency – Bandwidth - Q factor - Selectivity. Self inductance - Mutual inductance - Dot rule - Coefficient of coupling - Analysis of multiwinding coupled circuits - Series, Parallel connection of coupled inductors - Single tuned and double tuned coupled circuits.

UNITIV TRANSIENT ANALYSIS 12

Natural response-Forced response - Transient response of RC, RL and RLC circuits to excitation by Step Signal, Impulse Signal and exponential sources - Complete response of RC, RL and RLC Circuits to sinusoidal excitation.

UNIT V TWO PORT NETWORKS 12

Two port networks, Z parameters, Y parameters, Transmission (ABCD) parameters, Hybrid(H) Parameters, Interconnection of two port networks, Symmetrical properties of T and π networks.

OUTCOMES:

At the end of the course, the student should be able to:

TOTAL : 60 PERIODS

- Develop the capacity to analyze electrical circuits, apply the circuit theorems in real time
- Design and understand and evaluate the AC and DC circuits.

TEXT BOOKS:

1. William H. Hayt, Jr. Jack E. Kemmerly and Steven M. Durbin, "Engineering Circuit Analysis", McGraw Hill Science Engineering, Eighth Edition, 11th Reprint 2016.
2. Joseph Edminister and Mahmood Nahvi, "Electric Circuits", Schaum's Outline Series, Tata McGraw Hill Publishing Company, New Delhi, Fifth Edition Reprint 2016.

REFERENCES:

1. Charles K. Alexander, Mathew N.O. Sadiku, "Fundamentals of Electric Circuits", Fifth Edition, McGraw Hill, 9th Reprint 2015.
2. A.Bruce Carlson, "Cicuits: Engineering Concepts and Analysis of Linear Electric Circuits", Cengage Learning, India Edition 2nd Indian Reprint 2009.
3. Allan H.Robbins, Wilhelm C.Miller, "Circuit Analysis Theory and Practice", Cengage Learning, Fifth Edition, 1st Indian Reprint 2013.

EC8252

ELECTRONIC DEVICES

L T P C

3 0 0 3

OBJECTIVES:

- To acquaint the students with the construction, theory and operation of the basic electronic devices such as PN junction diode, Bipolar and Field effect Transistors, Power control devices, LED, LCD and other Opto-electronic devices

UNIT I SEMICONDUCTOR DIODE 9

PN junction diode, Current equations, Energy Band diagram, Diffusion and drift current densities, forward and reverse bias characteristics, Transition and Diffusion Capacitances, Switching Characteristics, Breakdown in PN Junction Diodes.

UNIT II BIPOLAR JUNCTION TRANSISTORS 9

NPN -PNP -Operations-Early effect-Current equations – Input and Output characteristics of CE, CB, CC - Hybrid - π model - h-parameter model, Ebers Moll Model- Gummel Poon-model, Multi Emitter Transistor.

UNIT III FIELD EFFECT TRANSISTORS 9

JFETs – Drain and Transfer characteristics,-Current equations-Pinch off voltage and its significance- MOSFET- Characteristics- Threshold voltage -Channel length modulation, D-MOSFET, E-MOSFET- Characteristics – Comparison of MOSFET with JFET.

UNIT IV SPECIAL SEMICONDUCTOR DEVICES 9

Metal-Semiconductor Junction- MESFET, FINFET, PINFET, CNTFET, DUAL GATE MOSFET, Schottky barrier diode-Zener diode-Varactor diode –Tunnel diode- Gallium Arsenide device, LASER diode, LDR.

UNIT V POWER DEVICES AND DISPLAY DEVICES 9

UJT, SCR, Diac, Triac, Power BJT- Power MOSFET- DMOS-VMOS. LED, LCD, Photo transistor, Opto Coupler, Solar cell, CCD.

TOTAL : 45 PERIODS

OUTCOMES:

At the end of the course the students will be able to:

- Explain the V-I characteristic of diode, UJT and SCR
- Describe the equivalence circuits of transistors

- Operate the basic electronic devices such as PN junction diode, Bipolar and Field effect Transistors, Power control devices, LED, LCD and other Opto-electronic devices

TEXT BOOKS:

1. Donald A Neaman, "Semiconductor Physics and Devices", Fourth Edition, Tata Mc GrawHill Inc. 2012.
2. Salivahanan. S, Suresh Kumar. N, Vallavaraj.A, "Electronic Devices and circuits", Third Edition, Tata McGraw- Hill, 2008.

REFERENCES:

1. Robert Boylestad and Louis Nashelsky, "Electron Devices and Circuit Theory" Pearson Prentice Hall, 10th edition, July 2008.
2. R.S.Sedha, " A Text Book of Applied Electronics" S.Chand Publications, 2006.
3. Yang, "Fundamentals of Semiconductor devices", McGraw Hill International Edition, 1978.

OBJECTIVES:

- To learn the characteristics of basic electronic devices such as Diode, BJT, FET, SCR
- To understand the working of RL, RC and RLC circuits
- To gain hand on experience in Thevinin & Norton theorem, KVL & KCL, and Super Position Theorems

1. Characteristics of PN Junction Diode
2. Zener diode Characteristics & Regulator using Zener diode
3. Common Emitter input-output Characteristics
4. Common Base input-output Characteristics
5. FET Characteristics
6. SCR Characteristics
7. Clipper and Clamper & FWR
8. Verifications Of Thevinin & Norton theorem
9. Verifications Of KVL & KCL
10. Verifications Of Super Position Theorem
11. verifications of maximum power transfer & reciprocity theorem
12. Determination Of Resonance Frequency of Series & Parallel RLC Circuits
13. Transient analysis of RL and RC circuits

LABORATORY REQUIREMENTS

1N4007, Zener diodes	- 25 each
Resistors, Capacitors, Inductors	- sufficient quantities
Bread Boards	- 15 Nos
CRO (30MHz)	- 15 Nos.
Function Generators (3MHz)	- 10 Nos.
Dual Regulated Power Supplies (0 – 30V)	- 10 Nos.

TOTAL : 60 PERIODS**OUTCOMES:****At the end of the course, the student should be able to:**

- Analyze the characteristics of basic electronic devices

- Design RL and RC circuits
- Verify Thevinin & Norton theorem KVL & KCL, and Super Position Theorems

GE8261 ENGINEERING PRACTICES LABORATORY L T P C
0 0 4 2

OBJECTIVES:

To provide exposure to the students with hands on experience on various basic engineering practices in Civil, Mechanical, Electrical and Electronics Engineering.

GROUP A (CIVIL & MECHANICAL)

I CIVIL ENGINEERING PRACTICE 13

Buildings:

(a) Study of plumbing and carpentry components of residential and industrial buildings. Safety aspects.

Plumbing Works:

- (a) Study of pipeline joints, its location and functions: valves, taps, couplings, unions, reducers,
elbows in household fittings.
- (b) Study of pipe connections requirements for pumps and turbines.
- (c) Preparation of plumbing line sketches for water supply and sewage works.
- (d) Hands-on-exercise:

Basic pipe connections – Mixed pipe material connection – Pipe connections with different joining components.

- (e) Demonstration of plumbing requirements of high-rise buildings.

Carpentry using Power Tools only:

- (a) Study of the joints in roofs, doors, windows and furniture.
- (b) Hands-on-exercise:
Wood work, joints by sawing, planing and cutting.

II MECHANICAL ENGINEERING PRACTICE**18****Welding:**

- (a) Preparation of butt joints, lap joints and T- joints by Shielded metal arc welding.
- (b) Gas welding practice

Basic Machining:

- (a) Simple Turning and Taper turning
- (b) Drilling Practice

Sheet Metal Work:

- (a) Forming & Bending:
- (b) Model making – Trays and funnels.
- (c) Different type of joints.

Machine assembly practice:

- (a) Study of centrifugal pump

(b) Study of air conditioner

Demonstration on:

- (a) Smithy operations, upsetting, swaging, setting down and bending. Example – Exercise – Production of hexagonal headed bolt.
- (b) Foundry operations like mould preparation for gear and step cone pulley.
- (c) Fitting – Exercises – Preparation of square fitting and V – fitting models.

GROUP B (ELECTRICAL & ELECTRONICS)

III ELECTRICAL ENGINEERING PRACTICE 13

- 1. Residential house wiring using switches, fuse, indicator, lamp and energy meter.
- 2. Fluorescent lamp wiring.
 - 4. Measurement of electrical quantities – voltage, current, power & power factor in RLC circuit.
- 5. Measurement of energy using single phase energy meter.
- 6. Measurement of resistance to earth of an electrical equipment.

IV ELECTRONICS ENGINEERING PRACTICE 16

- 1. Study of Electronic components and equipments – Resistor, colour coding measurement of AC signal parameter (peak-peak, rms period, frequency) using CR.

2. Study of logic gates AND, OR, EX-OR and NOT.
3. Generation of Clock Signal.
4. Soldering practice – Components Devices and Circuits – Using general purpose PCB.
5. Measurement of ripple factor of HWR and FWR.

TOTAL: 60 PERIODS

OUTCOMES:

On successful completion of this course, the student will be able to

- Fabricate carpentry components and pipe connections including plumbing works.
- Use welding equipments to join the structures.
- Carry out the basic machining operations
- Make the models using sheet metal works
- Illustrate on centrifugal pump, Air conditioner, operations of smithy, foundry and fittings
- Carry out basic home electrical works and appliances
- Measure the electrical quantities
- Elaborate on the components, gates, soldering practices.

LIST OF EQUIPMENT FOR A BATCH OF 30 STUDENTS:

CIVIL

- | | |
|---|----------|
| 1. Assorted components for plumbing consisting of metallic pipes, plastic pipes, flexible pipes, couplings, unions, elbows, plugs and other fittings. | 15 Sets. |
| 2. Carpentry vice (fitted to work bench) | 15 Nos. |
| 3. Standard woodworking tools | 15 Sets. |
| 4. Models of industrial trusses, door joints, furniture joints | 5 each |
| 5. Power Tools: (a) Rotary Hammer | 2 Nos |
| (b) Demolition Hammer | 2 Nos |
| (c) Circular Saw | 2 Nos |
| (d) Planer | 2 Nos |
| (e) Hand Drilling Machine | 2 Nos |
| (f) Jigsaw | 2 Nos |

MECHANICAL

1. Arc welding transformer with cables and holders	5 Nos.
2. Welding booth with exhaust facility	5 Nos.
3. Welding accessories like welding shield, chipping hammer, wire brush, etc.	5 Sets.
4. Oxygen and acetylene gas cylinders, blow pipe and other welding outfit.	2 Nos.
5. Centre lathe	2 Nos.
6. Hearth furnace, anvil and smithy tools	2 Sets.
7. Moulding table, foundry tools	2 Sets.
8. Power Tool: Angle Grinder	2 Nos
9. Study-purpose items: centrifugal pump, air-conditioner	One each.

ELECTRICAL

1. Assorted electrical components for house wiring	15 Sets
2. Electrical measuring instruments	10 Sets
3. Study purpose items: Iron box, fan and regulator, emergency lamp	1 each
4. Megger (250V/500V)	1 No.
5. Power Tools: (a) Range Finder	2 Nos
(b) Digital Live-wire detector	2 Nos

ELECTRONICS

1. Soldering guns	10 Nos.
2. Assorted electronic components for making circuits	50 Nos.
3. Small PCBs	10 Nos.
4. Multimeters	10 Nos.
5. Study purpose items: Telephone, FM radio, low-voltage power supply	

MA8352 LINEAR ALGEBRA AND PARTIAL DIFFERENTIAL EQUATIONS L T P C
4 0 0 4

OBJECTIVES:

- To introduce the basic notions of groups, rings, fields which will then be used to solve related problems.
- To understand the concepts of vector space, linear transformations and diagonalization.
- To apply the concept of inner product spaces in orthogonalization.
- To understand the procedure to solve partial differential equations.
- To give an integrated approach to number theory and abstract algebra, and provide a firm basis for further reading and study in the subject.

UNIT I VECTOR SPACES 12

Vector spaces – Subspaces – Linear combinations and linear system of equations – Linear independence and linear dependence – Bases and dimensions.

UNIT II LINEAR TRANSFORMATION AND DIAGONALIZATION 12

Linear transformation - Null spaces and ranges - Dimension theorem - Matrix representation of a linear transformations - Eigenvalues and eigenvectors - Diagonalizability.

UNIT III INNER PRODUCT SPACES 12

Inner product, norms - Gram Schmidt orthogonalization process - Adjoint of linear operations - Least square approximation.

UNIT IV PARTIAL DIFFERENTIAL EQUATIONS**12**

Formation – Solutions of first order equations – Standard types and equations reducible to standard types – Singular solutions – Lagrange's linear equation – Integral surface passing through a given curve – Classification of partial differential equations - Solution of linear equations of higher order with constant coefficients – Linear non-homogeneous partial differential equations.

UNIT V FOURIER SERIES SOLUTIONS OF PARTIAL DIFFERENTIAL EQUATIONS 12

Dirichlet's conditions – General Fourier series – Half range sine and cosine series - Method of separation of variables – Solutions of one dimensional wave equation and one-dimensional heat equation – Steady state solution of two-dimensional heat equation – Fourier series solutions in Cartesian coordinates.

TOTAL: 60 PERIODS**OUTCOMES:****Upon successful completion of the course, students should be able to:**

- Explain the fundamental concepts of advanced algebra and their role in modern mathematics and applied contexts.
- Demonstrate accurate and efficient use of advanced algebraic techniques.
- Demonstrate their mastery by solving non - trivial problems related to the concepts and by proving simple theorems about the statements proven by the text.
- Able to solve various types of partial differential equations.
Able to solve engineering problems using Fourier series.

TEXTBOOKS:

1. Grewal B.S., "Higher Engineering Mathematics", Khanna Publishers, New Delhi, 43rd Edition, 2014.
2. Friedberg, A.H., Insel, A.J. and Spence, L., "Linear Algebra", Prentice Hall of India, New Delhi, 2004.

REFERENCES:

1. Burden, R.L. and Faires, J.D, "Numerical Analysis", 9th Edition, Cengage Learning, 2016.
2. James, G. "Advanced Modern Engineering Mathematics", Pearson Education, 2007.
3. Kolman, B. Hill, D.R., "Introductory Linear Algebra", Pearson Education, New Delhi, First Reprint, 2009.
4. Kumaresan, S., "Linear Algebra – A Geometric Approach", Prentice – Hall of India, New Delhi, Reprint, 2010.
5. Lay, D.C., "Linear Algebra and its Applications", 5th Edition, Pearson Education, 2015.
6. O'Neil, P.V., "Advanced Engineering Mathematics", Cengage Learning, 2007.
7. Strang, G., "Linear Algebra and its applications", Thomson (Brooks/Cole), New Delhi, 2005.
8. Sundarapandian, V. "Numerical Linear Algebra", Prentice Hall of India, New Delhi, 2008.

EC8393**FUNDAMENTALS OF DATA STRUCTURES IN C****L T P C****3 0 0 3****OBJECTIVES:**

- To learn the features of C
- To learn the linear and non-linear data structures
- To explore the applications of linear and non-linear data structures
- To learn to represent data using graph data structure
- To learn the basic sorting and searching algorithms

UNIT I C PROGRAMMING BASICS**9**

Structure of a C program – compilation and linking processes – Constants, Variables – Data Types

OUTCOMES:

Upon completion of the course, students will be able to:

- Implement linear and non-linear data structure operations using C
- Suggest appropriate linear / non-linear data structure for any given data set.
- Apply hashing concepts for a given problem
- Modify or suggest new data structure for an application
- Appropriately choose the sorting algorithm for an application

TEXTBOOKS:

1. Pradip Dey and Manas Ghosh, —Programming in C, Second Edition, Oxford University Press, 2011.
2. Ellis Horowitz, Sartaj Sahni, Susan Anderson-Freed, —Fundamentals of Data Structures in C, Second Edition, University Press, 2008.

REFERENCES:

1. Mark Allen Weiss, —Data Structures and Algorithm Analysis in C, Second Edition, Pearson Education, 1996
2. Alfred V. Aho, John E. Hopcroft and Jeffrey D. Ullman, —Data Structures and Algorithms, Pearson Education, 1983.
3. Robert Kruse, C.L.Tondo, Bruce Leung, Shashi Mogalla , — Data Structures and Program Design in C, Second Edition, Pearson Education, 2007
4. Jean-Paul Tremblay and Paul G. Sorenson, —An Introduction to Data Structures with Applications, Second Edition, Tata McGraw-Hill, 1991.

UNIT IV FREQUENCY RESPONSE OF AMPLIFIERS**9**

Amplifier frequency response – Frequency response of transistor amplifiers with circuit capacitors
– BJT frequency response – short circuit current gain - cut off frequency – f_{α} , f_{β} and unity gain bandwidth – Miller effect - frequency response of FET - High frequency analysis of CE and MOSFET CS amplifier - Transistor Switching Times.

UNIT V POWER SUPPLIES AND ELECTRONIC DEVICE TESTING**9**

Linear mode power supply - Rectifiers - Filters - Half-Wave Rectifier Power Supply - Full-Wave Rectifier Power Supply - Voltage regulators: Voltage regulation - Linear series, shunt and switching Voltage Regulators - Over voltage protection - BJT and MOSFET – Switched mode power supply (SMPS) - Power Supply Performance and Testing - Troubleshooting and Fault Analysis, Design of Regulated DC Power Supply.

TOTAL: 45 PERIODS**OUTCOMES:****After studying this course, the student should be able to:**

- Acquire knowledge of
 - Working principles, characteristics and applications of BJT and FET
 - Frequency response characteristics of BJT and FET amplifiers
- Analyze the performance of small signal BJT and FET amplifiers - single stage and multi stage amplifiers
- Apply the knowledge gained in the design of Electronic circuits

TEXT BOOKS:

1. Donald. A. Neamen, Electronic Circuits Analysis and Design, 3rd Edition, Mc Graw Hill Education (India) Private Ltd., 2010. (Unit I-IV)
2. Robert L. Boylestad and Louis Nasheresky, "Electronic Devices and Circuit Theory", 11th Edition, Pearson Education, 2013. (Unit V)

REFERENCES

1. Millman J, Halkias.C.and Sathyabrada Jit, Electronic Devices and Circuits, 4th Edition, Mc Graw Hill Education (India) Private Ltd., 2015.
2. Salivahanan and N. Suresh Kumar, Electronic Devices and Circuits, 4th Edition, , Mc Graw

Hill Education (India) Private Ltd., 2017.

3. Floyd, Electronic Devices, Ninth Edition, Pearson Education, 2012.
4. David A. Bell, Electronic Devices & Circuits, 5th Edition, Oxford University Press, 2008.
5. Anwar A. Khan and Kanchan K. Dey, A First Course on Electronics, PHI, 2006.
6. Rashid M, Microelectronics Circuits, Thomson Learning, 2007.

EC8352

SIGNALS AND SYSTEMS

L	T	P	C
4	0	0	4

OBJECTIVES:

- To understand the basic properties of signal & systems
- To know the methods of characterization of LTI systems in time domain
- To analyze continuous time signals and system in the Fourier and Laplace domain
- To analyze discrete time signals and system in the Fourier and Z transform domain

UNIT I CLASSIFICATION OF SIGNALS AND SYSTEMS

12

Standard signals- Step, Ramp, Pulse, Impulse, Real and complex exponentials and Sinusoids_ Classification of signals – Continuous time (CT) and Discrete Time (DT) signals, Periodic & Aperiodic signals, Deterministic & Random signals, Energy & Power signals - Classification of systems- CT systems and DT systems- – Linear & Nonlinear, Time-variant & Time-invariant, Causal & Non-causal, Stable & Unstable.

UNIT II ANALYSIS OF CONTINUOUS TIME SIGNALS 12

Fourier series for periodic signals - Fourier Transform – properties- Laplace Transforms and properties

UNIT III LINEAR TIME INVARIANT CONTINUOUS TIME SYSTEMS 12

Impulse response - convolution integrals- Differential Equation- Fourier and Laplace transforms in Analysis of CT systems - Systems connected in series / parallel.

UNIT IV ANALYSIS OF DISCRETE TIME SIGNALS 12

Baseband signal Sampling – Fourier Transform of discrete time signals (DTFT) – Properties of DTFT - Z Transform & Properties

UNIT V LINEAR TIME INVARIANT-DISCRETE TIME SYSTEMS 12

Impulse response – Difference equations-Convolution sum- Discrete Fourier Transform and Z Transform Analysis of Recursive & Non-Recursive systems-DT systems connected in series and parallel.

TOTAL: 60 PERIODS

OUTCOMES:

At the end of the course, the student should be able to:

- To be able to determine if a given system is linear/causal/stable
- Capable of determining the frequency components present in a deterministic signal
- Capable of characterizing LTI systems in the time domain and frequency domain
- To be able to compute the output of an LTI system in the time and frequency domains

TEXT BOOK:

1. Allan V.Oppenheim, S.Wilsky and S.H.Nawab, “Signals and Systems”, Pearson, 2015.(Unit 1-V)

REFERENCES

1. B. P. Lathi, “Principles of Linear Systems and Signals”, Second Edition, Oxford, 2009.

2. R.E.Zeimer, W.H.Tranter and R.D.Fannin, "Signals & Systems - Continuous and Discrete", Pearson, 2007.
3. John Alan Stuller, "An Introduction to Signals and Systems", Thomson, 2007.

EC8392

DIGITAL ELECTRONICS

L	T	P	C
3	0	0	3

OBJECTIVES:

- To present the Digital fundamentals, Boolean algebra and its applications in digital systems
- To familiarize with the design of various combinational digital circuits using logic gates
- To introduce the analysis and design procedures for synchronous and asynchronous sequential circuits
- To explain the various semiconductor memories and related technology
- To introduce the electronic circuits involved in the making of logic gates

UNIT I DIGITAL FUNDAMENTALS 9

Number Systems – Decimal, Binary, Octal, Hexadecimal, 1's and 2's complements, Codes – Binary, BCD, Excess 3, Gray, Alphanumeric codes, Boolean theorems, Logic gates, Universal gates, Sum of products and product of sums, Minterms and Maxterms, Karnaugh map Minimization and Quine-McCluskey method of minimization.

UNIT II COMBINATIONAL CIRCUIT DESIGN 9

Design of Half and Full Adders, Half and Full Subtractors, Binary Parallel Adder – Carry look ahead Adder, BCD Adder, Multiplexer, Demultiplexer, Magnitude Comparator, Decoder, Encoder, Priority Encoder.

UNIT III SYNCHRONOUS SEQUENTIAL CIRCUITS 9

Flip flops – SR, JK, T, D, Master/Slave FF – operation and excitation tables, Triggering of FF, Analysis and design of clocked sequential circuits – Design - Moore/Mealy models, state minimization, state assignment, circuit implementation – Design of Counters- Ripple Counters, Ring Counters, Shift registers, Universal Shift Register.

UNIT IV ASYNCHRONOUS SEQUENTIAL CIRCUITS 9

Stable and Unstable states, output specifications, cycles and races, state reduction, race free assignments, Hazards, Essential Hazards, Pulse mode sequential circuits, Design of Hazard free circuits.

UNIT V MEMORY DEVICES AND DIGITAL INTEGRATED CIRCUITS 9

Basic memory structure – ROM -PROM – EPROM – EEPROM –EAPROM, RAM – Static and dynamic RAM - Programmable Logic Devices – Programmable Logic Array (PLA) - Programmable Array Logic (PAL) – Field Programmable Gate Arrays (FPGA) - Implementation of combinational logic circuits using PLA, PAL.

Digital integrated circuits: Logic levels, propagation delay, power dissipation, fan-out and fan-in, noise margin, logic families and their characteristics-RTL, TTL, ECL, CMOS

TOTAL: 45 PERIODS

OUTCOMES:

At the end of the course:

- Use digital electronics in the present contemporary world
- Design various combinational digital circuits using logic gates

- Do the analysis and design procedures for synchronous and asynchronous sequential circuits
- Use the semiconductor memories and related technology
- Use electronic circuits involved in the design of logic gates

TEXT BOOK:

1. M. Morris Mano and Michael D. Ciletti, "Digital Design", 5th Edition, Pearson, 2014.

REFERENCES:

1. Charles H.Roth. "Fundamentals of Logic Design", 6th Edition, Thomson Learning, 2013.
2. Thomas L. Floyd, "Digital Fundamentals", 10th Edition, Pearson Education Inc, 2011
3. S.Salivahanan and S.Arivazhagan"Digital Electronics", 1st Edition, Vikas Publishing House pvt Ltd, 2012.
4. Anil K.Maini "Digital Electronics", Wiley, 2014.
5. A.Anand Kumar "Fundamentals of Digital Circuits", 4th Edition, PHI Learning Private Limited, 2016.
6. Soumitra Kumar Mandal " Digital Electronics", McGraw Hill Education Private Limited, 2016.

EC8391	CONTROL SYSTEMS ENGINEERING	L	T	P	C
		3	0	0	3

OBJECTIVES:

- To introduce the components and their representation of control systems
- To learn various methods for analyzing the time response, frequency response and stability of the systems.
- To learn the various approach for the state variable analysis.

UNIT I SYSTEMS COMPONENTS AND THEIR REPRESENTATION 9

Control System: Terminology and Basic Structure-Feed forward and Feedback control theory-Electrical and Mechanical Transfer Function Models-Block diagram Models-Signal flow graphs models-DC and AC servo Systems-Synchronous -Multivariable control system

UNIT II TIME RESPONSE ANALYSIS 9

Transient response-steady state response-Measures of performance of the standard first order and second order system-effect on an additional zero and an additional pole-steady error constant and system- type number-PID control-Analytical design for PD, PI,PID control systems

UNIT III FREQUENCY RESPONSE AND SYSTEM ANALYSIS 9

Closed loop frequency response-Performance specification in frequency domain-Frequency response of standard second order system- Bode Plot - Polar Plot- Nyquist plots-Design of compensators using Bode plots-Cascade lead compensation-Cascade lag compensation-Cascade lag-lead compensation

UNIT IV CONCEPTS OF STABILITY ANALYSIS 9

Concept of stability-Bounded - Input Bounded - Output stability-Routh stability criterion-Relative stability-Root locus concept-Guidelines for sketching root locus-Nyquist stability criterion.

UNIT V CONTROL SYSTEM ANALYSIS USING STATE VARIABLE METHODS 9

State variable representation-Conversion of state variable models to transfer functions-Conversion of transfer functions to state variable models-Solution of state equations-Concepts of Controllability and Observability-Stability of linear systems-Equivalence between transfer function and state variable representations-State variable analysis of digital control system-Digital control design using state feedback.

TOTAL:45 PERIODS

OUTCOMES:

Upon completion of the course, the student should be able to:

- Identify the various control system components and their representations.
- Analyze the various time domain parameters.
- Analysis the various frequency response plots and its system.
- Apply the concepts of various system stability criterions.
- Design various transfer functions of digital control system using state variable models.

TEXT BOOK:

1. M.Gopal, "Control System – Principles and Design", Tata McGraw Hill, 4th Edition, 2012.

REFERENCES:

1. J.Nagrath and M.Gopal, "Control System Engineering", New Age International Publishers, 5th Edition, 2007.
2. K. Ogata, 'Modern Control Engineering', 5th edition, PHI, 2012.
3. S.K.Bhattacharya, Control System Engineering, 3rd Edition, Pearson, 2013.
4. Benjamin.C.Kuo, "Automatic control systems", Prentice Hall of India, 7th Edition, 1995.

EC8381 FUNDAMENTALS OF DATA STRUCTURES IN C LABORATORY L T P C
0 0 4 2

OBJECTIVES:

- To understand and implement basic data structures using C
- To apply linear and non-linear data structures in problem solving.
- To learn to implement functions and recursive functions by means of data structures
- To implement searching and sorting algorithms

LIST OF EXERCISES

1. Basic C Programs – looping, data manipulations, arrays
2. Programs using strings – string function implementation
3. Programs using structures and pointers
4. Programs involving dynamic memory allocations
5. Array implementation of stacks and queues
6. Linked list implementation of stacks and queues
7. Application of Stacks and Queues
8. Implementation of Trees, Tree Traversals
9. Implementation of Binary Search trees
10. Implementation of Linear search and binary search
11. Implementation Insertion sort, Bubble sort, Quick sort and Merge Sort
12. Implementation Hash functions, collision resolution technique

TOTAL:60 PERIODS

OUTCOMES:

Upon completion of the course, the students will be able to:

- Write basic and advanced programs in C
- Implement functions and recursive functions in C
- Implement data structures using C
- Choose appropriate sorting algorithm for an application and implement it in a modularized way

OBJECTIVES:

The student should be made to:

- Study the Frequency response of CE, CB and CC Amplifier
- Learn the frequency response of CS Amplifiers
- Study the Transfer characteristics of differential amplifier
- Perform experiment to obtain the bandwidth of single stage and multistage amplifiers
- Perform SPICE simulation of Electronic Circuits
- Design and implement the Combinational and sequential logic circuits

LIST OF ANALOG EXPERIMENTS:

1. Design of Regulated Power supplies
2. Frequency Response of CE, CB, CC and CS amplifiers
3. Darlington Amplifier
4. Differential Amplifiers - Transfer characteristics, CMRR Measurement
5. Cascode and Cascade amplifiers
6. Determination of bandwidth of single stage and multistage amplifiers
7. Analysis of BJT with Fixed bias and Voltage divider bias using Spice
8. Analysis of FET, MOSFET with fixed bias, self-bias and voltage divider bias using simulation software like Spice

9. Analysis of Cascode and Cascade amplifiers using Spice
10. Analysis of Frequency Response of BJT and FET using Spice

LIST OF DIGITAL EXPERIMENTS

1. Design and implementation of code converters using logic gates(i) BCD to excess-3 code and vice versa (ii) Binary to gray and vice-versa
2. Design and implementation of 4 bit binary Adder/ Subtractor and BCD adder using IC 7483
3. Design and implementation of Multiplexer and De-multiplexer using logic gates
4. Design and implementation of encoder and decoder using logic gates
5. Construction and verification of 4 bit ripple counter and Mod-10 / Mod-12 Ripple counters
6. Design and implementation of 3-bit synchronous up/down counter

TOTAL : 60 PERIODS

OUTCOMES:

On completion of this laboratory course, the student should be able to:

- Design and Test rectifiers, filters and regulated power supplies.
- Design and Test BJT/JFET amplifiers.
- Differentiate cascode and cascade amplifiers.
- Analyze the limitation in bandwidth of single stage and multi stage amplifier
- Measure CMRR in differential amplifier
- Simulate and analyze amplifier circuits using PSpice.
- Design and Test the digital logic circuits.

LAB REQUIREMENTS FOR A BATCH OF 30 STUDENTS, 2 STUDENTS / EXPERIMENT:

S.NO	EQUIPMENTS FOR ANALOG LAB
1	CRO/DSO (30MHz) – 15 Nos.
2	Signal Generator /Function Generators (3 MHz) – 15 Nos
3	Dual Regulated Power Supplies (0 – 30V) – 15 Nos.
4	Standalone desktop PCs with SPICE software – 15 Nos.

- 5 Transistor/FET (BJT-NPN-PNP and NMOS/PMOS) – 50 Nos
- 6 Components and Accessories: Resistors, Capacitors, Inductors, diodes, Zener Diodes, Bread Boards, Transformers.
- 7 SPICE Circuit Simulation Software: (any public domain or commercial software)

S.NO

EQUIPMENTS FOR DIGITAL LAB

- 1 Dual power supply/ single mode power supply - 15 Nos
- 2 IC Trainer Kit - 15 Nos
- 3 Bread Boards - 15 Nos
- 4 Seven segment display -15 Nos
- 5 Multimeter - 15 Nos
- 6 ICs each 50 Nos
7400/ 7402 / 7404 / 7486 / 7408 / 7432 / 7483 / 74150 /
74151 / 74147 / 7445 / 7476/7491/ 555 / 7494 / 7447 / 74180 /
7485 / 7473 / 74138 / 7411 / 7474

HS8381	INTERPERSONAL SKILLS/LISTENING&SPEAKING	L	T	P	C
		0	0	2	1

OBJECTIVES:

The Course will enable learners to:

- Equip students with the English language skills required for the successful undertaking of academic studies with primary emphasis on academic speaking and listening skills.
- Provide guidance and practice in basic general and classroom conversation and to engage in specific academic speaking activities.
- improve general and academic listening skills
- Make effective presentations.

UNIT I

Listening as a key skill- its importance- speaking - give personal information - ask for personal information - express ability - enquire about ability - ask for clarification Improving pronunciation - pronunciation basics taking lecture notes - preparing to listen to a lecture - articulate a complete idea as opposed to producing fragmented utterances.

UNIT II

Listen to a process information- give information, as part of a simple explanation - conversation starters: small talk - stressing syllables and speaking clearly - intonation patterns - compare and contrast information and ideas from multiple sources- converse with reasonable accuracy over a wide range of everyday topics.

UNIT III

Lexical chunking for accuracy and fluency- factors influence fluency, deliver a five-minute informal talk - greet - respond to greetings - describe health and symptoms - invite and offer - accept - decline - take leave - listen for and follow the gist- listen for detail

UNIT IV

Being an active listener: giving verbal and non-verbal feedback - participating in a group discussion - summarizing academic readings and lectures conversational speech listening to and participating in conversations - persuade.

UNIT V

Formal and informal talk - listen to follow and respond to explanations, directions and instructions in academic and business contexts - strategies for presentations and interactive communication - group/pair presentations - negotiate disagreement in group work.

TOTAL :30PERIODS

OUTCOMES:

At the end of the course Learners will be able to:

- Listen and respond appropriately.
- Participate in group discussions
- Make effective presentations
- Participate confidently and appropriately in conversations both formal and informal

TEXT BOOKS:

1. Brooks, Margret. Skills for Success. Listening and Speaking. Level 4 Oxford University Press, Oxford: 2011.
2. Richards, C. Jack. & David Bholke. Speak Now Level 3. Oxford University Press, Oxford: 2010

REFERENCES

1. Bhatnagar, Nitin and Mamta Bhatnagar. Communicative English for Engineers and Professionals. Pearson: New Delhi, 2010.
2. Hughes, Glyn and Josephine Moate. Practical English Classroom. Oxford University Press: Oxford, 2014.
3. Vargo, Mari. Speak Now Level 4. Oxford University Press: Oxford, 2013.
4. Richards C. Jack. Person to Person (Starter). Oxford University Press: Oxford, 2006.
5. Ladousse, Gillian Porter. Role Play. Oxford University Press: Oxford, 2014

MA8451

PROBABILITY AND RANDOM PROCESSES

L	T	P	C
4	0	0	4

OBJECTIVES :

- To provide necessary basic concepts in probability and random processes for applications such as random signals, linear systems in communication engineering.
- To understand the basic concepts of probability, one and two dimensional random variables and to introduce some standard distributions applicable to engineering which can describe real life phenomenon.
- To understand the basic concepts of random processes which are widely used in IT fields.
- To understand the concept of correlation and spectral densities.
- To understand the significance of linear systems with random inputs.

UNIT I PROBABILITY AND RANDOM VARIABLES

12

OUTCOMES:

Upon successful completion of the course, students should be able to:

- Understand the fundamental knowledge of the concepts of probability and have knowledge of standard distributions which can describe real life phenomenon.
- Understand the basic concepts of one and two dimensional random variables and apply in engineering applications.
- Apply the concept random processes in engineering disciplines.
- Understand and apply the concept of correlation and spectral densities.
- The students will have an exposure of various distribution functions and help in acquiring skills in handling situations involving more than one variable. Able to analyze the response of random inputs to linear time invariant systems.

TEXT BOOKS:

1. Ibe, O.C., "Fundamentals of Applied Probability and Random Processes ", 1st Indian Reprint, Elsevier, 2007.
2. Peebles, P.Z., "Probability, Random Variables and Random Signal Principles ", Tata McGraw Hill, 4th Edition, New Delhi, 2002.

REFERENCES:

1. Cooper. G.R., McGillem. C.D., "Probabilistic Methods of Signal and System Analysis", Oxford University Press, New Delhi, 3rd Indian Edition, 2012.
2. Hwei Hsu, "Schaum's Outline of Theory and Problems of Probability, Random Variables and Random Processes ", Tata McGraw Hill Edition, New Delhi, 2004.
3. Miller. S.L. and Childers. D.G., "Probability and Random Processes with Applications to Signal Processing and Communications ", Academic Press, 2004.
4. Stark. H. and Woods. J.W., "Probability and Random Processes with Applications to Signal Processing ", Pearson Education, Asia, 3rd Edition, 2002.
5. Yates. R.D. and Goodman. D.J., "Probability and Stochastic Processes", Wiley India Pvt. Ltd., Bangalore, 2nd Edition, 2012.

EC8452

ELECTRONIC CIRCUITS II

L T P C
3 0 0 3

OBJECTIVES:

- To give a comprehensive exposure to all types of amplifiers and oscillators constructed with discrete components. This helps to develop a strong basis for building linear and digital integrated circuits
- To study about feedback amplifiers and oscillators principles
- To design oscillators.
- To study about turned amplifier.
- To understand the analysis and design of LC and RC oscillators, amplifiers, multi vibrators, power amplifiers and DC convertors.

UNIT I FEEDBACK AMPLIFIERS AND STABILITY

9

Feedback Concepts – gain with feedback – effect of feedback on gain stability, distortion, bandwidth, input and output impedances; topologies of feedback amplifiers – analysis of series-series, shunt-shunt and shunt-series feedback amplifiers-stability problem-Gain and Phase-margins-Frequency compensation.

2. Jacob Millman, 'Microelectronics', McGraw Hill, 2nd Edition, Reprinted, 2009. (UNIT I,II,IV,V)

REFERENCES:

1. Robert L. Boylestad and Louis Nasheresky, "Electronic Devices and Circuit Theory", 10th Edition, Pearson Education / PHI, 2008
2. David A. Bell, "Electronic Devices and Circuits", Fifth Edition, Oxford University Press, 2008.
3. Millman J. and Taub H., "Pulse Digital and Switching Waveforms", TMH, 2000.
4. Millman and Halkias. C., Integrated Electronics, TMH, 2007.

EC8491	COMMUNICATION THEORY	L	T	P	C
		3	0	0	3

OBJECTIVES:

- To introduce the concepts of various analog modulations and their spectral characteristics
- To understand the properties of random process
- To know the effect of noise on communication systems
- To know the principles of sampling & quantization

UNIT I AMPLITUDE MODULATION 9

Amplitude Modulation- DSBSC, DSBFC, SSB, VSB - Modulation index, Spectra, Power relations and Bandwidth – AM Generation – Square law and Switching modulator, DSBSC Generation – Balanced and Ring Modulator, SSB Generation – Filter, Phase Shift and Third Methods, VSB Generation – Filter Method, Hilbert Transform, Pre-envelope & complex envelope –comparison of different AM techniques, Superheterodyne Receiver

UNIT II ANGLE MODULATION 9

Phase and frequency modulation, Narrow Band and Wide band FM – Modulation index, Spectra, Power relations and Transmission Bandwidth - FM modulation –Direct and Indirect methods, FM Demodulation – FM to AM conversion, FM Discriminator - PLL as FM Demodulator.

UNIT III RANDOM PROCESS 9

Random variables, Random Process, Stationary Processes, Mean, Correlation & Covariance functions, Power Spectral Density, Ergodic Processes, Gaussian Process, Transmission of a Random Process Through a LTI filter.

UNIT IV NOISE CHARACTERIZATION 9

Noise sources – Noise figure, noise temperature and noise bandwidth – Noise in cascaded systems. Representation of Narrow band noise –In-phase and quadrature, Envelope and Phase – Noise performance analysis in AM & FM systems – Threshold effect, Pre-emphasis and de-emphasis for FM.

UNIT V SAMPLING & QUANTIZATION 9

Low pass sampling – Aliasing- Signal Reconstruction-Quantization - Uniform & non-uniform quantization - quantization noise - Logarithmic Companding –PAM, PPM, PWM, PCM – TDM, FDM.

TOTAL: 45 PERIODS

OUTCOMES:

At the end of the course, the student should be able to:

- Design AM communication systems
- Design Angle modulated communication systems
- Apply the concepts of Random Process to the design of Communication systems
- Analyze the noise performance of AM and FM systems
- Gain knowledge in sampling and quantization

TEXT BOOKS:

1. J.G.Proakis, M.Salehi, "Fundamentals of Communication Systems", Pearson Education 2014. (UNIT I-IV)
2. Simon Haykin, "Communication Systems", 4th Edition, Wiley, 2014.(UNIT I-V)

REFERENCES:

1. B.P.Lathi, "Modern Digital and Analog Communication Systems", 3rd Edition, Oxford University Press, 2007.
2. D.Roody, J.Coolen, —Electronic Communications, 4th edition PHI 2006
3. A.Papoulis, "Probability, Random variables and Stochastic Processes", McGraw Hill, 3rd edition, 1991.
4. B.Sklar, "Digital Communications Fundamentals and Applications", 2nd Edition Pearson Education 2007
5. H P Hsu, Schaum Outline Series - "Analog and Digital Communications" TMH 2006
6. Couch.L., "Modern Communication Systems", Pearson, 2001.

EC8451**ELECTROMAGNETIC FIELDS**

L	T	P	C
4	0	0	4

OBJECTIVES:

- To gain conceptual and basic mathematical understanding of electric and magnetic fields in free space and in materials
- To understand the coupling between electric and magnetic fields through Faraday's law, displacement current and Maxwell's equations
- To understand wave propagation in lossless and in lossy media
- To be able to solve problems based on the above concepts

UNIT I INTRODUCTION**12**

Electromagnetic model, Units and constants, Review of vector algebra, Rectangular, cylindrical and spherical coordinate systems, Line, surface and volume integrals, Gradient of a scalar field, Divergence of a vector field, Divergence theorem, Curl of a vector field, Stoke's theorem, Null identities, Helmholtz's theorem

UNIT II ELECTROSTATICS**12**

OUTCOMES:

By the end of this course, the student should be able to:

- Display an understanding of fundamental electromagnetic laws and concepts
- Write Maxwell's equations in integral, differential and phasor forms and explain their physical meaning
- Explain electromagnetic wave propagation in lossy and in lossless media
- Solve simple problems requiring estimation of electric and magnetic field quantities based on these concepts and laws

TEXT BOOKS:

1. D.K. Cheng, Field and wave electromagnetics, 2nd ed., Pearson (India), 1989 (UNIT I, II,III IV,V)
2. W.H. Hayt and J.A. Buck, Engineering electromagnetics, 7th ed., McGraw-Hill (India), 2006 (UNIT I-V)

REFERENCES

1. D.J. Griffiths, Introduction to electrodynamics, 4th ed., Pearson (India), 2013
2. B.M. Notaros, Electromagnetics, Pearson: New Jersey, 2011
3. M.N.O. Sadiku and S.V. Kulkarni, Principles of electromagnetics, 6th ed., Oxford (Asian Edition), 2015

		L	T	P	C
EC8453	LINEAR INTEGRATED CIRCUITS	3	0	0	3

OBJECTIVES:

- To introduce the basic building blocks of linear integrated circuits
- To learn the linear and non-linear applications of operational amplifiers
- To introduce the theory and applications of analog multipliers and PLL
- To learn the theory of ADC and DAC

UNIT IV ANALOG TO DIGITAL AND DIGITAL TO ANALOG 9
CONVERTERS

Analog and Digital Data Conversions, D/A converter – specifications - weighted resistor type, R-2R Ladder type, Voltage Mode and Current-Mode $R - 2R$ Ladder types - switches for D/A converters, high speed sample-and-hold circuits, A/D Converters – specifications - Flash type - Successive Approximation type - Single Slope type – Dual Slope type - A/D Converter using Voltage-to-Time Conversion - Over-sampling A/D Converters, Sigma – Delta converters.

UNIT V WAVEFORM GENERATORS AND SPECIAL FUNCTION ICs 9

Sine-wave generators, Multivibrators and Triangular wave generator, Saw-tooth wave generator, ICL8038 function generator, Timer IC 555, IC Voltage regulators – Three terminal fixed and adjustable voltage regulators - IC 723 general purpose regulator - Monolithic switching regulator, Low Drop – Out(LDO) Regulators - Switched capacitor filter IC MF10, Frequency to Voltage and Voltage to Frequency converters, Audio Power amplifier, Video Amplifier, Isolation Amplifier, Opto-couplers and fibre optic IC.

TOTAL:45 PERIODS

OUTCOMES:

Upon completion of the course, the student should be able to:

- Design linear and non linear applications of OP – AMPS
- Design applications using analog multiplier and PLL
- Design ADC and DAC using OP – AMPS
- Generate waveforms using OP – AMP Circuits
- Analyze special function ICs

TEXT BOOKS:

1. D.Roy Choudhry, Shail Jain, “Linear Integrated Circuits”, New Age International Pvt. Ltd., 2018, Fifth Edition. (Unit I – V)
2. Sergio Franco, “Design with Operational Amplifiers and Analog Integrated Circuits”, 4th Edition, Tata Mc Graw-Hill, 2016 (Unit I – V)

REFERENCES:

1. Ramakant A. Gayakwad, “OP-AMP and Linear ICs”, 4th Edition, Prentice Hall / Pearson Education, 2015.

2. Robert F.Coughlin, Frederick F.Driscoll, "Operational Amplifiers and Linear Integrated Circuits", Sixth Edition, PHI, 2001.
3. B.S.Sonde, "System design using Integrated Circuits" , 2nd Edition, New Age Pub, 2001.
4. Gray and Meyer, "Analysis and Design of Analog Integrated Circuits", Wiley International,5th Edition, 2009.
5. William D.Stanley, "Operational Amplifiers with Linear Integrated Circuits", Pearson Education,4th Edition,2001.
6. S.Salivahanan & V.S. Kanchana Bhaskaran, "Linear Integrated Circuits", TMH,2nd Edition, 4th Reprint, 2016.

OBJECTIVES:

- To study the nature and facts about environment.
- To finding and implementing scientific, technological, economic and political solutions to environmental problems.
- To study the interrelationship between living organism and environment.
- To appreciate the importance of environment by assessing its impact on the human world; envision the surrounding environment, its functions and its value.
- To study the dynamic processes and understand the features of the earth"s interior and surface.
- To study the integrated themes and biodiversity, natural resources, pollution control and waste management.

UNIT I ENVIRONMENT, ECOSYSTEMS AND BIODIVERSITY**14**

Definition, scope and importance of environment – need for public awareness - concept of an ecosystem – structure and function of an ecosystem – producers, consumers and decomposers – energy flow in the ecosystem – ecological succession – food chains, food webs and ecological pyramids – Introduction, types, characteristic features, structure and function of the (a) forest ecosystem (b) grassland ecosystem (c) desert ecosystem (d) aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries) – Introduction to biodiversity definition: genetic, species and ecosystem diversity – biogeographical classification of India – value of biodiversity: consumptive use, productive use, social, ethical, aesthetic and option values – Biodiversity at global, national and local levels – India as a mega-diversity nation – hot-spots of biodiversity – threats to biodiversity: habitat loss, poaching of wildlife, man-wildlife conflicts – endangered and endemic species of India – conservation of biodiversity: In-situ and ex-situ conservation of biodiversity. Field study of common plants, insects, birds; Field study of simple ecosystems – pond, river, hill slopes, etc.

UNIT II ENVIRONMENTAL POLLUTION**8**

Definition – causes, effects and control measures of: (a) Air pollution (b) Water pollution (c) Soil pollution (d) Marine pollution (e) Noise pollution (f) Thermal pollution (g) Nuclear hazards – solid waste management: causes, effects and control measures of municipal solid wastes – role of an individual in prevention of pollution – pollution case studies – disaster management: floods, earthquake, cyclone and landslides. Field study of local polluted site – Urban / Rural / Industrial / Agricultural.

UNIT III NATURAL RESOURCES**10**

Forest resources: Use and over-exploitation, deforestation, case studies- timber extraction, mining, dams and their effects on forests and tribal people – Water resources: Use and over- utilization of surface and ground water, floods, drought, conflicts over water, dams-benefits and problems – Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies – Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies – Energy resources: Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources. case studies – Land resources: Land as a resource, land degradation, man induced landslides, soil erosion and desertification – role of an individual in conservation of natural resources – Equitable use of resources for sustainable lifestyles. Field study of local area to document environmental assets – river / forest / grassland / hill / mountain.

UNIT IV SOCIAL ISSUES AND THE ENVIRONMENT

7

From unsustainable to sustainable development – urban problems related to energy – water conservation, rain water harvesting, watershed management – resettlement and rehabilitation of people; its problems and concerns, case studies – role of non-governmental organization- environmental ethics: Issues and possible solutions – climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust, case studies. – wasteland reclamation – consumerism and waste products – environment production act – Air (Prevention and Control of Pollution) act – Water (Prevention and control of Pollution) act – Wildlife protection act – Forest conservation act – enforcement machinery involved in environmental legislation- central and state pollution control boards- Public awareness.

UNIT V HUMAN POPULATION AND THE ENVIRONMENT

6

Population growth, variation among nations – population explosion – family welfare programme – environment and human health – human rights – value education – HIV / AIDS – women and child welfare – role of information technology in environment and human health – Case studies.

TOTAL: 45 PERIODS

OUTCOMES:

- Environmental Pollution or problems cannot be solved by mere laws. Public participation is an important aspect which serves the environmental Protection. One will obtain knowledge on the following after completing the course.
- Public awareness of environmental is at infant stage.
- Ignorance and incomplete knowledge has lead to misconceptions
- Development and improvement in std. of living has lead to serious environmental disasters

TEXTBOOKS:

1. Benny Joseph, 'Environmental Science and Engineering', Tata McGraw-Hill, New Delhi, 2006.
2. Gilbert M.Masters, 'Introduction to Environmental Engineering and Science', 2nd edition, Pearson Education, 2004.

REFERENCES :

1. Dharmendra S. Sengar, 'Environmental law', Prentice hall of India PVT LTD, New Delhi, 2007.
2. Erach Bharucha, "Textbook of Environmental Studies", Universities Press(I) PVT, LTD, Hyderabad, 2015.

3. Rajagopalan, R, 'Environmental Studies-From Crisis to Cure', Oxford University Press, 2005.
4. G. Tyler Miller and Scott E. Spoolman, "Environmental Science", Cengage Learning India PVT, LTD, Delhi, 2014.

EC8461 CIRCUITS DESIGN AND SIMULATION LABORATORY L T P C
0 0 4 2

OBJECTIVES:

- To gain hands on experience in designing electronic circuits
- To learn simulation software used in circuit design
- To learn the fundamental principles of amplifier circuits
- To differentiate feedback amplifiers and oscillators.
- To differentiate the operation of various multivibrators

DESIGN AND ANALYSIS OF THE FOLLOWING CIRCUITS

1. Series and Shunt feedback amplifiers-Frequency response, Input and output impedance
2. RC Phase shift oscillator and Wien Bridge Oscillator
3. Hartley Oscillator and Colpitts Oscillator
4. Single Tuned Amplifier
5. RC Integrator and Differentiator circuits
6. Astable and Monostable multivibrators
7. Clippers and Clampers

SIMULATION USING SPICE (Using Transistor):

1. Tuned Collector Oscillator
2. Twin -T Oscillator / Wein Bridge Oscillator
3. Double and Stagger tuned Amplifiers
4. Bistable Multivibrator
5. Schmitt Trigger circuit with Predictable hysteresis
6. Analysis of power amplifier

TOTAL: 60 PERIODS

OUTCOMES:

On completion of this laboratory course, the student should be able to:

- Analyze various types of feedback amplifiers
- Design oscillators, tuned amplifiers, wave-shaping circuits and multivibrators
- Design and simulate feedback amplifiers, oscillators, tuned amplifiers, wave-shaping circuits and multivibrators using SPICE Tool.

LAB REQUIREMENT FOR A BATCH OF 30 STUDENTS / 2 STUDENTS PER EXPERIMENT:

S.NO	EQUIPMENTS
1	CRO (Min 30MHz) - 15 Nos
	62

2	Signal Generator /Function Generators (2 MHz)	- 15 Nos
3	Dual Regulated Power Supplies (0 – 30V)	- 15 Nos
4	Digital Multimeter	- 15 Nos
5	Digital LCR Meter	- 2 Nos
6	Standalone desktops PC	- 15 Nos
7	Transistor/FET (BJT-NPN-PNP and NMOS/PMOS)	- 50 Nos

Components and Accessories:

Transistors, Resistors, Capacitors, Inductors, diodes, Zener Diodes, Bread Boards, Transformers.
 SPICE Circuit Simulation Software: (any public domain or commercial software)

OBJECTIVES:

- To understand the basics of linear integrated circuits and available ICs
- To understand the characteristics of the operational amplifier.
- To apply operational amplifiers in linear and nonlinear applications.
- To acquire the basic knowledge of special function IC.
- To use SPICE software for circuit design

DESIGN AND TESTING OF THE FOLLOWING CIRCUITS

1. Inverting, Non inverting and differential amplifiers.
2. Integrator and Differentiator.
3. Instrumentation amplifier
4. Active low-pass, High-pass and band-pass filters.
5. Astable & Monostable multivibrators using Op-amp
6. Schmitt Trigger using op-amp.
7. Phase shift and Wien bridge oscillators using Op-amp.
8. Astable and Monostable multivibrators using NE555 Timer.
9. PLL characteristics and its use as Frequency Multiplier, Clock synchronization
10. R-2R Ladder Type D- A Converter using Op-amp.
11. DC power supply using LM317 and LM723.
12. Study of SMPS

SIMULATION USING SPICE:

1. Active low-pass, High-pass and band-pass filters using Op-amp
2. Astable and Monostable multivibrators using NE555 Timer.
3. A/ D converter
4. Analog multiplier

TOTAL: 60 PERIODS

OUTCOMES:

On completion of this laboratory course, the student should be able to:

- Design amplifiers, oscillators, D-A converters using operational amplifiers.
- Design filters using op-amp and performs an experiment on frequency response.
- Analyze the working of PLL and describe its application as a frequency multiplier.
- Design DC power supply using ICs.
- Analyze the performance of filters, multivibrators, A/D converter and analog multiplier using SPICE.

LAB REQUIREMENT FOR A BATCH OF 30 STUDENTS / 2 STUDENTS PER EXPERIMENT:

S.NO	EQUIPMENTS	
2	Signal Generator /Function Generators (2 MHz)	-- 15 Nos
3	Dual Regulated Power Supplies (0 – 30V)	-- 15 Nos
4	Digital Multimeter	-- 15 Nos
5	IC Tester	-- 5 Nos
6	Standalone desktops PC	-- 15 Nos
7	Components and Accessories	-- 50 Nos

UNIT IV DIGITAL MODULATION SCHEME

9

Geometric Representation of signals - Generation, detection, PSD & BER of Coherent BPSK, BFSK & QPSK - QAM - Carrier Synchronization - Structure of Non-coherent Receivers - Principle of DPSK.

UNIT V ERROR CONTROL CODING

9

Channel coding theorem - Linear Block codes - Hamming codes - Cyclic codes - Convolutional codes - Viterbi Decoder.

TOTAL:45 PERIODS

OUTCOMES:

Upon completion of the course, the student should be able to

- Design PCM systems
- Design and implement base band transmission schemes
- Design and implement band pass signaling schemes
- Analyze the spectral characteristics of band pass signaling schemes and their noise performance
- Design error control coding schemes

TEXT BOOK:

1. S. Haykin, "Digital Communications", John Wiley, 2005 (Unit I –V)

REFERENCES

1. B. Sklar, "Digital Communication Fundamentals and Applications", 2nd Edition, Pearson Education, 2009
2. B.P.Lathi, "Modern Digital and Analog Communication Systems" 3rd Edition, Oxford University Press 2007.
3. H P Hsu, Schaum Outline Series - "Analog and Digital Communications", TMH 2006
4. J.G Proakis, "Digital Communication", 4th Edition, Tata Mc Graw Hill Company, 2001.

EC8553

DISCRETE-TIME SIGNAL PROCESSING

L	T	P	C
4	0	0	4

OBJECTIVES:

- To learn discrete fourier transform, properties of DFT and its application to linear filtering
- To understand the characteristics of digital filters, design digital IIR and FIR filters and apply these filters to filter undesirable signals in various frequency bands
- To understand the effects of finite precision representation on digital filters
- To understand the fundamental concepts of multi rate signal processing and its applications
- To introduce the concepts of adaptive filters and its application to communication engineering

UNIT I

DISCRETE FOURIER TRANSFORM

12

Review of signals and systems, concept of frequency in discrete-time signals, summary of analysis & synthesis equations for FT & DTFT, frequency domain sampling, Discrete Fourier transform (DFT) - deriving DFT from DTFT, properties of DFT - periodicity, symmetry, circular convolution. Linear filtering using DFT. Filtering long data sequences - overlap save and overlap add method. Fast computation of DFT - Radix-2 Decimation-in-time (DIT) Fast Fourier transform (FFT), Decimation-in-frequency (DIF) Fast Fourier transform (FFT). Linear filtering using FFT.

UNIT V INTRODUCTION TO DIGITAL SIGNAL PROCESSORS**12**

DSP functionalities - circular buffering – DSP architecture – Fixed and Floating point architecture principles – Programming – Application examples.

TOTAL:60PERIODS**OUTCOMES:****At the end of the course, the student should be able to**

- Apply DFT for the analysis of digital signals and systems
- Design IIR and FIR filters
- Characterize the effects of finite precision representation on digital filters
- Design multirate filters
- Apply adaptive filters appropriately in communication systems

TEXT BOOK:

1. John G. Proakis & Dimitris G.Manolakis, "Digital Signal Processing – Principles, Algorithms & Applications", Fourth Edition, Pearson Education / Prentice Hall, 2007. (UNIT I – V)

REFERENCES:

1. Emmanuel C. Ifeachor & Barrie. W. Jervis, "Digital Signal Processing", Second Edition, Pearson Education / Prentice Hall, 2002.
2. A. V. Oppenheim, R.W. Schafer and J.R. Buck, "Discrete-Time Signal Processing", 8th Indian Reprint, Pearson, 2004.
3. Sanjit K. Mitra, "Digital Signal Processing – A Computer Based Approach", Tata Mc Graw Hill, 2007.
4. Andreas Antoniou, "Digital Signal Processing", Tata Mc Graw Hill, 2006.

EC8552

COMPUTER ARCHITECTURE AND ORGANIZATION

L T P C

3 0 0 3

OBJECTIVES:

- To make students understand the basic structure and operation of digital computer
- To familiarize with implementation of fixed point and floating-point arithmetic operations
- To study the design of data path unit and control unit for processor
- To understand the concept of various memories and interfacing
- To introduce the parallel processing technique

UNIT I COMPUTER ORGANIZATION & INSTRUCTIONS

9

Basics of a computer system: Evolution, Ideas, Technology, Performance, Power wall, Uniprocessors to Multiprocessors. Addressing and addressing modes. Instructions: Operations and Operands, Representing instructions, Logical operations, control operations.

UNIT II ARITHMETIC

9

Fixed point Addition, Subtraction, Multiplication and Division. Floating Point arithmetic, High performance arithmetic, Subword parallelism

UNIT III THE PROCESSOR

9

Introduction, Logic Design Conventions, Building a Datapath - A Simple Implementation scheme - An Overview of Pipelining - Pipelined Datapath and Control. Data Hazards: Forwarding versus Stalling, Control Hazards, Exceptions, Parallelism via Instructions.

UNIT IV MEMORY AND I/O ORGANIZATION**9**

Memory hierarchy, Memory Chip Organization, Cache memory, Virtual memory.

Parallel Bus Architectures, Internal Communication Methodologies, Serial Bus Architectures, Mass storage, Input and Output Devices.

UNIT V ADVANCED COMPUTER ARCHITECTURE**9**

Parallel processing architectures and challenges, Hardware multithreading, Multicore and shared memory multiprocessors, Introduction to Graphics Processing Units, Clusters and Warehouse scale computers - Introduction to Multiprocessor network topologies.

TOTAL:45 PERIODS**OUTCOMES:**

At the end of the course, the student should be able to

- Describe data representation, instruction formats and the operation of a digital computer
- Illustrate the fixed point and floating-point arithmetic for ALU operation
- Discuss about implementation schemes of control unit and pipeline performance
- Explain the concept of various memories, interfacing and organization of multiple processors
- Discuss parallel processing technique and unconventional architectures

TEXT BOOKS:

1. David A. Patterson and John L. Hennessey, "Computer Organization and Design", Fifth edition, Morgan Kauffman / Elsevier, 2014. (UNIT I-V)
2. Miles J. Murdocca and Vincent P. Heuring, "Computer Architecture and Organization: An Integrated approach", Second edition, Wiley India Pvt Ltd, 2015 (UNIT IV,V)

REFERENCES

1. V. Carl Hamacher, Zvonko G. Varanescic and Safat G. Zaky, "Computer Organization", Fifth edition, Mc Graw-Hill Education India Pvt Ltd, 2014.
2. William Stallings "Computer Organization and Architecture", Seventh Edition, Pearson

Education, 2006.

3. Govindarajalu, "Computer Architecture and Organization, Design Principles and Applications", Second edition, McGraw-Hill Education India Pvt Ltd, 2014.

EC8551

COMMUNICATION NETWORKS

L	T	P	C
3	0	0	3

OBJECTIVES:

The student should be made to:

- Understand the division of network functionalities into layers.
- Be familiar with the components required to build different types of networks
- Be exposed to the required functionality at each layer
- Learn the flow control and congestion control algorithms

UNIT I FUNDAMENTALS & LINK LAYER

9

Overview of Data Communications- Networks – Building Network and its types– Overview of Internet - Protocol Layering - OSI Model – Physical Layer – Overview of Data and Signals - introduction to Data Link Layer - Link layer Addressing- Error Detection and Correction

UNIT II MEDIA ACCESS & INTERNETWORKING 9

Overview of Data link Control and Media access control - Ethernet (802.3) - Wireless LANs – Available Protocols – Bluetooth – Bluetooth Low Energy – WiFi – 6LowPAN–Zigbee - Network layer services – Packet Switching – IPV4 Address – Network layer protocols (IP, ICMP, Mobile IP)

UNIT III ROUTING 9

Routing - Unicast Routing – Algorithms – Protocols – Multicast Routing and its basics – Overview of Intradomain and interdomain protocols – Overview of IPv6 Addressing – Transition from IPv4 to IPv6

UNIT IV TRANSPORT LAYER 9

Introduction to Transport layer –Protocols- User Datagram Protocols (UDP) and Transmission Control Protocols (TCP) –Services – Features – TCP Connection – State Transition Diagram – Flow, Error and Congestion Control - Congestion avoidance (DECbit, RED) – QoS – Application requirements

UNIT V APPLICATION LAYER 9

Application Layer Paradigms – Client Server Programming – World Wide Web and HTTP - DNS- - Electronic Mail (SMTP, POP3, IMAP, MIME) – Introduction to Peer to Peer Networks – Need for Cryptography and Network Security – Firewalls.

TOTAL:45 PERIODS

OUTCOMES:

At the end of the course, the student should be able to:

- Identify the components required to build different types of networks
- Choose the required functionality at each layer for given application
- Identify solution for each functionality at each layer
- Trace the flow of information from one node to another node in the network

TEXT BOOK:

1. Behrouz A. Forouzan, “Data communication and Networking”, Fifth Edition, Tata McGraw – Hill, 2013 (UNIT I –V)

REFERENCES

1. James F. Kurose, Keith W. Ross, “Computer Networking - A Top-Down Approach

Featuring the Internet”, Seventh Edition, Pearson Education, 2016.

2. Nader. F. Mir,“ Computer and Communication Networks”, Pearson Prentice Hall Publishers, 2nd Edition, 2014.
3. Ying-Dar Lin, Ren-Hung Hwang, Fred Baker, “Computer Networks: An Open Source Approach”, Mc Graw Hill Publisher, 2011.
4. Larry L. Peterson, Bruce S. Davie, “Computer Networks: A Systems Approach”, Fifth Edition, Morgan Kaufmann Publishers, 2011.

EC8562

DIGITAL SIGNAL PROCESSING LABORATORY

L T P C
0 0 4 2

OBJECTIVES:

The student should be made:

- To perform basic signal processing operations such as Linear Convolution, Circular Convolution, Auto Correlation, Cross Correlation and Frequency analysis in MATLAB
- To implement FIR and IIR filters in MATLAB and DSP Processor
- To study the architecture of DSP processor
- To design a DSP system to demonstrate the Multi-rate and Adaptive signal processing concepts.

LIST OF EXPERIMENTS: MATLAB / EQUIVALENT SOFTWARE PACKAGE

1. Generation of elementary Discrete-Time sequences
2. Linear and Circular convolutions
3. Auto correlation and Cross Correlation
4. Frequency Analysis using DFT
5. Design of FIR filters (LPF/HPF/BPF/BSF) and demonstrates the filtering operation
6. Design of Butterworth and Chebyshev IIR filters (LPF/HPF/BPF/BSF) and demonstrate the filtering operations

DSP PROCESSOR BASED IMPLEMENTATION

1. Study of architecture of Digital Signal Processor
2. Perform MAC operation using various addressing modes
3. Generation of various signals and random noise
4. Design and demonstration of FIR Filter for Low pass, High pass, Band pass and Band stop filtering
5. Design and demonstration of Butter worth and Chebyshev IIR Filters for Low pass, High pass, Band pass and Band stop filtering
6. Implement an Up-sampling and Down-sampling operation in DSP Processor

- Carryout basic signal processing operations

OUTCOMES:

At the end of the course, the student should be able to:

TOTAL: 60 PERIODS

- Demonstrate their abilities towards MATLAB based implementation of various DSP systems
- Analyze the architecture of a DSP Processor
- Design and Implement the FIR and IIR Filters in DSP Processor for performing filtering operation over real-time signals
- Design a DSP system for various applications of DSP

EC8561	COMMUNICATION SYSTEMS LABORATORY	L	T	P	C
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OBJECTIVES:

The student should be made:

- To visualize the effects of sampling and TDM
- To Implement AM & FM modulation and demodulation
- To implement PCM & DM
- To simulate Digital Modulation schemes
- To simulate Error control coding schemes

LIST OF EXPERIMENTS:

1. Signal Sampling and reconstruction
2. Time Division Multiplexing
3. AM Modulator and Demodulator
4. FM Modulator and Demodulator
5. Pulse Code Modulation and Demodulation
6. Delta Modulation and Demodulation
7. Line coding schemes
8. Simulation of ASK, FSK, and BPSK generation schemes
9. Simulation of DPSK, QPSK and QAM generation schemes
10. Simulation of signal constellations of BPSK, QPSK and QAM
11. Simulation of ASK, FSK and BPSK detection schemes
12. Simulation of Linear Block and Cyclic error control coding schemes
13. Simulation of Convolutional coding scheme
14. Communication link simulation

TOTAL: 60 PERIODS

OUTCOMES:

At the end of the course, the student should be able to:

- Simulate & validate the various functional modules of a communication system
- Demonstrate their knowledge in base band signaling schemes through implementation of digital modulation schemes
- Apply various channel coding schemes & demonstrate their capabilities towards the improvement of the noise performance of communication system
- Simulate end-to-end communication Link

LAB Requirements for a Batch of 30 students (3 students per experiment):

- i) Kits for Signal Sampling, TDM, AM, FM, PCM, DM and Line Coding Schemes
- ii) CROs/DSOs – 15 Nos, Function Generators – 15 Nos.
- iii) MATLAB or equivalent software package for simulation experiments
- iv) PCs - 15 Nos

EC8563

COMMUNICATION NETWORKS LABORATORY

L T P C
0 0 4 2

OBJECTIVES:

The student should be made to:

- Learn to communicate between two desktop computers
- Learn to implement the different protocols
- Be familiar with IP Configuration
- Be familiar with the various routing algorithms
- Be familiar with simulation tools

LIST OF EXPERIMENTS:

1. Implementation of Error Detection / Error Correction Techniques
2. Implementation of Stop and Wait Protocol and sliding window
3. Implementation and study of Goback-N and selective repeat protocols
4. Implementation of High Level Data Link Control
5. Implementation of IP Commands such as ping, Traceroute, nslookup.
6. Implementation of IP address configuration.
7. To create scenario and study the performance of network with CSMA / CA protocol and compare with CSMA/CD protocols.
8. Network Topology - Star, Bus, Ring

9. Implementation of distance vector routing algorithm
10. Implementation of Link state routing algorithm
11. Study of Network simulator (NS) and simulation of Congestion Control Algorithms using NS
12. Implementation of Encryption and Decryption Algorithms using any programming language

TOTAL: 60 PERIODS

OUTCOMES:

At the end of the course, the student should be able to:

- Communicate between two desktop computers
- Implement the different protocols
- Program using sockets.
- Implement and compare the various routing algorithms
- Use the simulation tool.

LIST OF EQUIPMENT FOR A BATCH OF 30 STUDENTS

SOFTWARE

- C / Python / Java / Equivalent Compiler
- MATLAB SOFTWARE (Few experiments can be practiced with MATLAB)
- Standard LAN Trainer Kits 4 Nos
- Network simulator like NS2/ NS3 / Glomosim/OPNET/ 30 Equivalent

HARDWARE

Standalone Desktops 30 Nos

EC8691

MICROPROCESSORS AND MICROCONTROLLERS

L T P C

3 0 0 3

OBJECTIVES:

UNIT IV MICROCONTROLLER**9**

Architecture of 8051 – Special Function Registers(SFRs) - I/O Pins Ports and Circuits - Instruction set - Addressing modes - Assembly language programming.

UNIT V INTERFACING MICROCONTROLLER**9**

Programming 8051 Timers - Serial Port Programming - Interrupts Programming – LCD & Keyboard Interfacing - ADC, DAC & Sensor Interfacing - External Memory Interface- Stepper Motor and Waveform generation - Comparison of Microprocessor, Microcontroller, PIC and ARM processors

TOTAL: 45 PERIODS**OUTCOMES:**

At the end of the course, the students should be able to:

- Understand and execute programs based on 8086 microprocessor.
- Design Memory Interfacing circuits.
- Design and interface I/O circuits.
- Design and implement 8051 microcontroller based systems.

TEXT BOOKS:

1. Yu-Cheng Liu, Glenn A.Gibson, "Microcomputer Systems: The 8086 / 8088 Family - Architecture, Programming and Design", Second Edition, Prentice Hall of India, 2007. (UNIT I-III)
2. Mohamed Ali Mazidi, Janice Gillispie Mazidi, Rolin McKinlay, "The 8051 Microcontroller and Embedded Systems: Using Assembly and C", Second Edition, Pearson education, 2011. (UNIT IV-V)

REFERENCES:

1. Douglas V.Hall, "Microprocessors and Interfacing, Programming and Hardware", TMH, 2012
2. A.K.Ray, K.M.Bhurchandi, "Advanced Microprocessors and Peripherals" 3rd edition, Tata McGrawHill, 2012

EC8095

VLSI DESIGN

L	T	P	C
3	0	0	3

OBJECTIVES:

- Study the fundamentals of CMOS circuits and its characteristics.
- Learn the design and realization of combinational & sequential digital circuits.
- Architectural choices and performance tradeoffs involved in designing and realizing the circuits in CMOS technology are discussed
- Learn the different FPGA architectures and testability of VLSI circuits.

UNIT I INTRODUCTION TO MOS TRANSISTOR

9

MOS Transistor, CMOS logic, Inverter, Pass Transistor, Transmission gate, Layout Design Rules, Gate Layouts, Stick Diagrams, Long-Channel I-V Characteristics, C-V Characteristics, Non ideal I-V Effects, DC Transfer characteristics, RC Delay Model, Elmore Delay, Linear Delay Model, Logical effort, Parasitic Delay, Delay in Logic Gate, Scaling.

UNIT II COMBINATIONAL MOS LOGIC CIRCUITS

9

Circuit Families: Static CMOS, Ratioed Circuits, Cascode Voltage Switch Logic, Dynamic Circuits, Pass Transistor Logic, Transmission Gates, Domino, Dual Rail Domino, CPL, DCVSPG, DPL, Circuit Pitfalls.

Power: Dynamic Power, Static Power, Low Power Architecture.

UNIT III SEQUENTIAL CIRCUIT DESIGN 9

Static latches and Registers, Dynamic latches and Registers, Pulse Registers, Sense Amplifier Based Register, Pipelining, Schmitt Trigger, Monostable Sequential Circuits, Astable Sequential Circuits.

Timing Issues : Timing Classification Of Digital System, Synchronous Design.

UNIT IV DESIGN OF ARITHMETIC BUILDING BLOCKS AND SUBSYSTEM 9

Arithmetic Building Blocks: Data Paths, Adders, Multipliers, Shifters, ALUs, power and speed tradeoffs, Case Study: Design as a tradeoff.

Designing Memory and Array structures: Memory Architectures and Building Blocks, Memory Core, Memory Peripheral Circuitry.

UNIT V IMPLEMENTATION STRATEGIES AND TESTING 9

FPGA Building Block Architectures, FPGA Interconnect Routing Procedures. Design for Testability: *Ad Hoc* Testing, Scan Design, BIST, IDDQ Testing, Design for Manufacturability, Boundary Scan.

TOTAL : 45 PERIODS

OUTCOMES:

UPON COMPLETION OF THE COURSE, STUDENTS SHOULD be ABLE TO

- Realize the concepts of digital building blocks using MOS transistor.
- Design combinational MOS circuits and power strategies.
- Design and construct Sequential Circuits and Timing systems.
- Design arithmetic building blocks and memory subsystems.
- Apply and implement FPGA design flow and testing.

TEXT BOOKS:

1. Neil H.E. Weste, David Money Harris "CMOS VLSI Design: A Circuits and Systems Perspective", 4th Edition, Pearson , 2017 (UNIT I,II,V)
2. Jan M. Rabaey ,Anantha Chandrakasan, Borivoje. Nikolic, "Digital Integrated Circuits:A Design perspective", Second Edition , Pearson , 2016.(UNIT III,IV)

REFERENCES

1. M.J. Smith, "Application Specific Integrated Circuits", Addison Wesley, 1997
2. Sung-Mo kang, Yusuf leblebici, Chulwoo Kim "CMOS Digital Integrated Circuits:Analysis & Design", 4th edition McGraw Hill Education, 2013
3. Wayne Wolf, "Modern VLSI Design: System On Chip", Pearson Education, 2007
4. R.Jacob Baker, Harry W.LI., David E.Boyee, "CMOS Circuit Design, Layout and Simulation", Prentice Hall of India 2005.

EC8652

WIRELESS COMMUNICATION

L T P C
3 0 0 3

OBJECTIVES:

- To study the characteristic of wireless channel
- To understand the design of a cellular system
- To study the various digital signaling techniques and multipath mitigation techniques
- To understand the concepts of multiple antenna techniques

UNIT I WIRELESS CHANNELS 9

Large scale path loss – Path loss models: Free Space and Two-Ray models -Link Budget design – Small scale fading- Parameters of mobile multipath channels – Time dispersion parameters-Coherence bandwidth – Doppler spread & Coherence time, fading due to Multipath time delay spread – flat fading – frequency selective fading – Fading due to Doppler spread – fast fading – slow fading.

UNIT II CELLULAR ARCHITECTURE 9

Multiple Access techniques - FDMA, TDMA, CDMA – Capacity calculations–Cellular concept- Frequency reuse - channel assignment- hand off- interference & system capacity-trunking & grade of service – Coverage and capacity improvement.

UNIT III DIGITAL SIGNALING FOR FADING CHANNELS 9

Structure of a wireless communication link, Principles of Offset-QPSK, p/4-DQPSK, Minimum Shift Keying, Gaussian Minimum Shift Keying, Error performance in fading channels, OFDM principle – Cyclic prefix, Windowing, PAPR.

UNIT IV MULTIPATH MITIGATION TECHNIQUES 9

Equalisation – Adaptive equalization, Linear and Non-Linear equalization, Zero forcing and LMS Algorithms. Diversity – Micro and Macro diversity, Diversity combining techniques, Error probability in fading channels with diversity reception, Rake receiver.

UNIT V MULTIPLE ANTENNA TECHNIQUES 9

MIMO systems – spatial multiplexing -System model -Pre-coding - Beam forming - transmitter diversity, receiver diversity- Channel state information-capacity in fading and non-fading channels.

TOTAL: 45 PERIODS

OUTCOMES:

The student should be able to:

- Characterize a wireless channel and evolve the system design specifications
- Design a cellular system based on resource availability and traffic demands
- Identify suitable signaling and multipath mitigation techniques for the wireless channel and system under consideration.

TEXT BOOKS:

1. Rappaport,T.S., —Wireless communicationsII, Pearson Education, Second Edition,

2010.(UNIT I, II, IV)

2. Andreas.F. Molisch, —Wireless CommunicationsII, John Wiley – India, 2006. (UNIT III,V)

REFERENCES:

1. Wireless Communication –Andrea Goldsmith, Cambridge University Press, 2011
2. Van Nee, R. and Ramji Prasad, —OFDM for wireless multimedia communications, Artech House, 2000
3. David Tse and Pramod Viswanath, —Fundamentals of Wireless Communication, Cambridge University Press, 2005.
4. Upena Dalal, —Wireless CommunicationII, Oxford University Press, 2009.

MG8591

PRINCIPLES OF MANAGEMENT

L T P C

3 0 0 3

OBJECTIVE:

- To enable the students to study the evolution of Management, to study the functions and principles of management and to learn the application of the principles in an organization .

UNIT I INTRODUCTION TO MANAGEMENT AND ORGANIZATIONS 9

Definition of Management – Science or Art – Manager Vs Entrepreneur - types of managers - managerial roles and skills – Evolution of Management – Scientific, human relations, system and contingency approaches – Types of Business organization - Sole proprietorship, partnership, company-public and private sector enterprises - Organization culture and Environment – Current trends and issues in Management.

UNIT II PLANNING 9

Nature and purpose of planning – planning process – types of planning – objectives – setting objectives – policies – Planning premises – Strategic Management – Planning Tools and Techniques – Decision making steps and process.

UNIT III ORGANISING 9

Nature and purpose – Formal and informal organization – organization chart – organization structure – types – Line and staff authority – departmentalization – delegation of authority – centralization and decentralization – Job Design - Human Resource Management – HR Planning, Recruitment, selection, Training and Development, Performance Management, Career planning and management

UNIT IV DIRECTING 9

Foundations of individual and group behaviour – motivation – motivation theories – motivational techniques – job satisfaction – job enrichment – leadership – types and theories of leadership – communication – process of communication – barrier in communication – effective communication

–communication and IT.

UNIT V CONTROLLING 9

System and process of controlling – budgetary and non-budgetary control techniques – use of computers and IT in Management control – Productivity problems and management – control and performance – direct and preventive control – reporting.

TOTAL: 45 PERIODS

OUTCOME:

- Upon completion of the course, students will be able to have clear understanding
- Managerial functions like planning, organizing, staffing, leading & controlling and have same basic knowledge on international aspect of management

TEXTBOOKS:

1. Stephen P. Robbins & Mary Coulter, "Management", Prentice Hall (India) Pvt. Ltd., 10th Edition, 2009.
2. JAF Stoner, Freeman R.E and Daniel R Gilbert "Management", Pearson Education, 6th Edition, 2004.

REFERENCES:

1. Stephen A. Robbins & David A. Decenzo & Mary Coulter, "Fundamentals of Management" Pearson Education, 7th Edition, 2011.
2. Robert Kreitner & Mamata Mohapatra, " Management", Biztantra, 2008.
3. Harold Koontz & Heinz Weihrich "Essentials of management" Tata McGraw Hill, 1998.
4. Tripathy PC & Reddy PN, "Principles of Management", Tata McGraw Hill, 1999

EC8651	TRANSMISSION LINES AND RF SYSTEMS	L	T	P	C
		3	0	0	3

OBJECTIVES:

- To introduce the various types of transmission lines and its characteristics
- To give thorough understanding about high frequency line, power and impedance measurements
- To impart technical knowledge in impedance matching using smith chart
- To introduce passive filters and basic knowledge of active RF components
- To get acquaintance with RF system transceiver design

UNIT I TRANSMISSION LINE THEORY 9

General theory of Transmission lines - the transmission line - general solution - The infinite line - Wavelength, velocity of propagation - Waveform distortion - the distortion-less line - Loading and different methods of loading - Line not terminated in Z_0 - Reflection coefficient - calculation of current, voltage, power delivered and efficiency of transmission - Input and transfer impedance - Open and short circuited lines - reflection factor and reflection loss.

UNIT II HIGH FREQUENCY TRANSMISSION LINES 9

Transmission line equations at radio frequencies - Line of Zero dissipation - Voltage and current on the dissipation-less line, Standing Waves, Nodes, Standing Wave Ratio - Input impedance of the dissipation-less line - Open and short circuited lines - Power and impedance measurement on lines - Reflection losses - Measurement of VSWR and wavelength.

UNIT III IMPEDANCE MATCHING IN HIGH FREQUENCY LINES 9

Impedance matching: Quarter wave transformer - Impedance matching by stubs - Single stub and double stub matching - Smith chart - Solutions of problems using Smith chart - Single and double stub matching using Smith chart.

UNIT IV WAVEGUIDES 9

General Wave behavior along uniform guiding structures – Transverse Electromagnetic Waves, Transverse Magnetic Waves, Transverse Electric Waves – TM and TE Waves between parallel plates. Field Equations in rectangular waveguides, TM and TE waves in rectangular waveguides, Bessel Functions, TM and TE waves in Circular waveguides.

UNIT V RF SYSTEM DESIGN CONCEPTS 9

Active RF components: Semiconductor basics in RF, bipolar junction transistors, RF field effect transistors, High electron mobility transistors Basic concepts of RF design, Mixers, Low noise amplifiers, voltage control oscillators, Power amplifiers, transducer power gain and stability considerations.

TOTAL:45 PERIODS

OUTCOMES:

Upon completion of the course, the student should be able to:

- Explain the characteristics of transmission lines and its losses
- Write about the standing wave ratio and input impedance in high frequency transmission lines
- Analyze impedance matching by stubs using smith charts
- Analyze the characteristics of TE and TM waves
- Design a RF transceiver system for wireless communication

TEXT BOOKS:

1. John D Ryder, "Networks, lines and fields", 2nd Edition, Prentice Hall India, 2015. (UNIT I-IV)
2. Mathew M. Radmanesh, "Radio Frequency & Microwave Electronics", Pearson Education Asia, Second Edition, 2002. (UNIT V)

REFERENCES:

1. Reinhold Ludwig and Powel Bretchko, "RF Circuit Design – Theory and Applications", Pearson Education Asia, First Edition, 2001.
2. D. K. Misra, "Radio Frequency and Microwave Communication Circuits- Analysis and Design", John Wiley & Sons, 2004.
3. E.C. Jordan and K.G. Balmain, —Electromagnetic Waves and Radiating Systems Prentice Hall of India, 2006.
4. G.S.N Raju, "Electromagnetic Field Theory and Transmission Lines Pearson Education, First edition 2005.

EC8681 MICROPROCESSORS AND MICROCONTROLLERS LABORATORY L T P C
0 0 4 2

OBJECTIVES:

- To Introduce ALP concepts, features and Coding methods
- Write ALP for arithmetic and logical operations in 8086 and 8051
- Differentiate Serial and Parallel Interface
- Interface different I/Os with Microprocessors
- Be familiar with MASM

LIST OF EXPERIMENTS:**8086 Programs using kits and MASM**

1. Basic arithmetic and Logical operations
2. Move a data block without overlap
3. Code conversion, decimal arithmetic and Matrix operations.
4. Floating point operations, string manipulations, sorting and searching
5. Password checking, Print RAM size and system date

6. Counters and Time Delay

Peripherals and Interfacing Experiments

7. Traffic light controller

8. Stepper motor control

9. Digital clock

10. Key board and Display

11. Printer status

12. Serial interface and Parallel interface

13. A/D and D/A interface and Waveform Generation

8051 Experiments using kits and MASM

14. Basic arithmetic and Logical operations

15. Square and Cube program, Find 2's complement of a number

16. Unpacked BCD to ASCII

TOTAL: 60 PERIODS

OUTCOMES:

At the end of the course, the student should be able to:

- Write ALP Programmes for fixed and Floating Point and Arithmetic operations
- Interface different I/Os with processor
- Generate waveforms using Microprocessors
- Execute Programs in 8051
- Explain the difference between simulator and Emulator

**LAB EQUIPMENT FOR A BATCH OF 30 STUDENTS:
HARDWARE:**

8086 development kits - 30 nos
Interfacing Units - Each 10 nos
Microcontroller - 30 nos

SOFTWARE:

Intel Desktop Systems with MASM - 30 nos
8086 Assembler
8051 Cross Assembler

EC8661

VLSI DESIGN LABORATORY

L T P C
0 0 4 2

OBJECTIVES:

The student should be made:

- To learn Hardware Descriptive Language(Verilog/VHDL)
- To learn the fundamental principles of VLSI circuit design in digital and analog domain
- To familiarize fusing of logical modules on FPGAs
- To provide hands on design experience with professional design (EDA) platforms

LIST OF EXPERIMENTS:

Part I: Digital System Design using HDL & FPGA (24 Periods)

1. Design an Adder (Min 8 Bit) using HDL. Simulate it using Xilinx/Altera Software and implement by Xilinx/Altera FPGA
2. Design a Multiplier (4 Bit Min) using HDL. Simulate it using Xilinx/Altera Software and implement by Xilinx/Altera FPGA
3. Design an ALU using HDL. Simulate it using Xilinx/Altera Software and implement by Xilinx/Altera FPGA
4. Design a Universal Shift Register using HDL. Simulate it using Xilinx/Altera Software and implement by Xilinx/Altera FPGA

5. Design Finite State Machine (Moore/Mealy) using HDL. Simulate it using Xilinx/Altera Software and implement by Xilinx/Altera FPGA
Design Memories using HDL. Simulate it using Xilinx/Altera Software and implement
6. by Xilinx/Altera FPGA

Compare pre synthesis and post synthesis simulation for experiments 1 to 6.

Requirements: Xilinx ISE/Altera Quartus/ equivalent EDA Tools along with Xilinx/Altera/equivalent FPGA Boards

Part-II Digital Circuit Design (24 Periods)

7. Design and simulate a CMOS inverter using digital flow
8. Design and simulate a CMOS Basic Gates & Flip-Flops
9. Design and simulate a 4-bit synchronous counter using a Flip-Flops
Manual/Automatic Layout Generation and Post Layout Extraction for experiments 7 to 9

Analyze the power, area and timing for experiments 7 to 9 by performing Pre Layout and Post Layout Simulations.

Part-III Analog Circuit Design (12 Periods)

- 10. Design and Simulate a CMOS Inverting Amplifier.
- 11. Design and Simulate basic Common Source, Common Gate and Common Drain Amplifiers.

Analyze the input impedance, output impedance, gain and bandwidth for experiments 10 and 11 by performing Schematic Simulations.

Design and simulate simple 5 transistor differential amplifier. Analyze Gain, Bandwidth and CMRR by performing Schematic Simulations.
- 12. Bandwidth and CMRR by performing Schematic Simulations.

Requirements: Cadence/Synopsis/ Mentor Graphics/Tanner/equivalent EDA Tools

TOTAL :60 PERIODS

OUTCOMES:

At the end of the course, the student should be able to:

- Write HDL code for basic as well as advanced digital integrated circuit
- Import the logic modules into FPGA Boards
- Synthesize Place and Route the digital IPs
- Design, Simulate and Extract the layouts of Digital & Analog IC Blocks using EDA tools

LIST OF EQUIPMENTS FOR A BATCH OF 30 STUDENTS

1	Xilinx ISE/Altera Quartus/ equivalent	10 User License
2	Xilinx/Altera/equivalent FPGA Boards	10 no
3	Cadence/Synopsis/ Mentor	10 User License
4	Personal Computer	30 no

HS8581

PROFESSIONAL COMMUNICATION

L	T	P	C
0	0	2	1

OBJECTIVES:

The course aims to:

- Enhance the Employability and Career Skills of students
- Orient the students towards grooming as a professional
- Make them Employable Graduates
- Develop their confidence and help them attend interviews successfully.

UNIT I

Introduction to Soft Skills-- Hard skills & soft skills - employability and career Skills—Grooming as a professional with values—Time Management—General awareness of Current Affairs

UNIT II

Self-Introduction-organizing the material - Introducing oneself to the audience – introducing the topic – answering questions – individual presentation practice— presenting the visuals effectively – 5 minute presentations

UNIT III

Introduction to Group Discussion— Participating in group discussions – understanding group dynamics - brainstorming the topic – questioning and clarifying –GD strategies- activities to improve GD skills

UNIT IV

Interview etiquette – dress code – body language – attending job interviews– telephone/skype interview -one to one interview &panel interview – FAQs related to job interviews

UNIT V

Recognizing differences between groups and teams- managing time-managing stress- networking professionally- respecting social protocols-understanding career management-developing a long-term career plan-making career changes

OUTCOMES:

At the end of the course Learners will be able to:

TOTAL : 30 PERIODS

- Make effective presentations
- Participate confidently in Group Discussions.
- Attend job interviews and be successful in them.
- Develop adequate Soft Skills required for the workplace

Recommended Software

1. Open Source Software
2. Win English

REFERENCES:

1. Butterfield, Jeff Soft Skills for Everyone. Cengage Learning: New Delhi, 2015
2. E. Suresh Kumar et al. Communication for Professional Success. Orient Blackswan: Hyderabad, 2015
3. Interact English Lab Manual for Undergraduate Students,. OrientBalckSwan: Hyderabad, 2016.
4. Raman, Meenakshi and Sangeeta Sharma. Professional Communication. Oxford University Press: Oxford, 2014
5. S. Hariharanetal. Soft Skills. MJP Publishers: Chennai, 2010.

EC8701	ANTENNAS AND MICROWAVE ENGINEERING	L	T	P	C
		3	0	0	3

OBJECTIVES:

- To enable the student to understand the basic principles in antenna and microwave system design
- To enhance the student knowledge in the area of various antenna designs.
- To enhance the student knowledge in the area of microwave components and antenna for practical applications.

UNIT I INTRODUCTION TO MICROWAVE SYSTEMS AND ANTENNAS 9

Microwave frequency bands, Physical concept of radiation, Near- and far-field regions, Fields and Power Radiated by an Antenna, Antenna Pattern Characteristics, Antenna Gain and Efficiency, Aperture Efficiency and Effective Area, Antenna Noise Temperature and G/T, Impedance matching, Friis transmission equation, Link budget and link margin, Noise Characterization of a microwave receiver.

UNIT II RADIATION MECHANISMS AND DESIGN ASPECTS 9

Radiation Mechanisms of Linear Wire and Loop antennas, Aperture antennas, Reflector antennas, Microstrip antennas and Frequency independent antennas, Design considerations and applications.

UNIT III ANTENNA ARRAYS AND APPLICATIONS 9

Two-element array, Array factor, Pattern multiplication, Uniformly spaced arrays with uniform and non-uniform excitation amplitudes, Smart antennas.

UNIT IV PASSIVE AND ACTIVE MICROWAVE DEVICES 9

Microwave Passive components: Directional Coupler, Power Divider, Magic Tee, attenuator, resonator, Principles of Microwave Semiconductor Devices: Gunn Diodes, IMPATT diodes, Schottky Barrier diodes, PIN diodes, Microwave tubes: Klystron, TWT, Magnetron.

UNIT V MICROWAVE DESIGN PRINCIPLES 9

Impedance transformation, Impedance Matching, Microwave Filter Design, RF and Microwave Amplifier Design, Microwave Power amplifier Design, Low Noise Amplifier Design, Microwave Mixer Design, Microwave Oscillator Design

TOTAL: 45 PERIODS

OUTCOMES:

The student should be able to:

- Apply the basic principles and evaluate antenna parameters and link power budgets
- Design and assess the performance of various antennas
- Design a microwave system given the application specifications

TEXTBOOKS:

1. John D Krauss, Ronald J Marhefka and Ahmad S. Khan, "Antennas and Wave Propagation: Fourth Edition, Tata McGraw-Hill, 2006. (UNIT I, II, III)
2. David M. Pozar, "Microwave Engineering", Fourth Edition, Wiley India, 2012.(UNIT I,IV,V)

REFERENCES:

1. Constantine A.Balanis, "Antenna Theory Analysis and Design", Third edition, John Wiley India Pvt Ltd., 2005.
2. R.E.Collin, "Foundations for Microwave Engineering", Second edition, IEEE Press, 2001

OPTICAL COMMUNICATION

L T P C

3 0 0 3

EC8751

OBJECTIVES:

- To study about the various optical fiber modes, configuration and transmission characteristics of optical fibers
- To learn about the various optical sources, detectors and transmission techniques
- To explore various idea about optical fiber measurements and various coupling techniques
- To enrich the knowledge about optical communication systems and networks

UNIT I INTRODUCTION TO OPTICAL FIBERS

9

Introduction-general optical fiber communication system- basic optical laws and definitions-optical modes and configurations -mode analysis for optical propagation through fibers-modes in planar wave guide-modes in cylindrical optical fiber-transverse electric and transverse magnetic modes- fiber materials-fiber fabrication techniques-fiber optic cables-classification of optical fiber-single mode fiber-graded index fiber.

UNIT II TRANSMISSION CHARACTERISTIC OF OPTICAL FIBER

9

Attenuation-absorption --scattering losses-bending losses-core and cladding losses-signal dispersion -inter symbol interference and bandwidth-intra modal dispersion-material dispersion- waveguide dispersion-polarization mode dispersion-intermodal dispersion-dispersion optimization of single mode fiber-characteristics of single mode fiber-R-I Profile-cutoff wave length-dispersion calculation-mode field diameter.

UNIT III OPTICAL SOURCES AND DETECTORS

9

Sources: Intrinsic and extrinsic material-direct and indirect band gaps-LED-LED structures-surface emitting LED-Edge emitting LED-quantum efficiency and LED power-light source materials-modulation of LED-LASER diodes-modes and threshold conditions-Rate equations-external quantum efficiency-resonant frequencies-structures and radiation patterns-single mode laser-external modulation-temperature effort.

Detectors: PIN photo detector-Avalanche photo diodes-Photo detector noise-noise sources-SNR-detector response time-Avalanche multiplication noise-temperature effects-comparisons of photo detectors.

UNIT IV OPTICAL RECEIVER, MEASUREMENTS AND COUPLING

9

Fundamental receiver operation-preamplifiers-digital signal transmission-error sources-Front end amplifiers-digital receiver performance-probability of error-receiver sensitivity-quantum limit.

Optical power measurement-attenuation measurement-dispersion measurement- Fiber Numerical Aperture Measurements- Fiber cut- off Wave length Measurements- Fiber diameter measurements-Source to Fiber Power Launching-Lensing Schemes for Coupling Management-Fiber to Fiber Joints-LED Coupling to Single Mode Fibers-Fiber Splicing-Optical Fiber connectors.

UNIT V OPTICAL COMMUNICATION SYSTEMS AND NETWORKS 9

System design consideration Point – to –Point link design –Link power budget –rise time budget, WDM –Passive DWDM Components-Elements of optical networks-SONET/SDH-Optical Interfaces-SONET/SDH Rings and Networks-High speed light wave Links-OADM configuration-Optical ETHERNET-Soliton.

TOTAL:45 PERIODS

OUTCOMES:

At the end of the course, the student should be able to:

- Realize basic elements in optical fibers, different modes and configurations.
- Analyze the transmission characteristics associated with dispersion and polarization techniques.
- Design optical sources and detectors with their use in optical communication system.
- Construct fiber optic receiver systems, measurements and coupling techniques.
- Design optical communication systems and its networks.

TEXT BOOKS:

1. P Chakrabarti, "Optical Fiber Communication", McGraw Hill Education (India) Private Limited, 2016 (UNIT I, II, III)
2. Gred Keiser, "Optical Fiber Communication", McGraw Hill Education (India) Private Limited. Fifth Edition, Reprint 2013. (UNIT I, IV, V)

REFERENCES:

1. John M.Senior, "Optical fiber communication", Pearson Education, second edition.2007.
2. Rajiv Ramaswami, "Optical Networks " , Second Edition, Elsevier , 2004.
3. J.Gower, "Optical Communication System", Prentice Hall of India, 2001.
4. Govind P. Agrawal, "Fiber-optic communication systems", third edition, John Wiley & sons, 2004.

EC8791**EMBEDDED AND REAL TIME SYSTEMS**

L	T	P	C
3	0	0	3

OBJECTIVES:

The student should be made to:

- Understand the concepts of embedded system design and analysis

- Learn the architecture and programming of ARM processor
- Be exposed to the basic concepts of embedded programming
- Learn the real time operating systems

UNIT I INTRODUCTION TO EMBEDDED SYSTEM DESIGN 9

Complex systems and micro processors– Embedded system design process –Design example: Model train controller- Design methodologies- Design flows - Requirement Analysis – Specifications-System analysis and architecture design – Quality Assurance techniques - Designing with computing platforms – consumer electronics architecture – platform-level performance analysis.

UNIT II ARM PROCESSOR AND PERIPHERALS 9

ARM Architecture Versions – ARM Architecture – Instruction Set – Stacks and Subroutines – Features of the LPC 214X Family – Peripherals – The Timer Unit – Pulse Width Modulation Unit – UART – Block Diagram of ARM9 and ARM Cortex M3 MCU.

UNIT III EMBEDDED PROGRAMMING 9

Components for embedded programs- Models of programs- Assembly, linking and loading – compilation techniques- Program level performance analysis – Software performance optimization – Program level energy and power analysis and optimization – Analysis and optimization of program size- Program validation and testing.

UNIT IV REAL TIME SYSTEMS 9

Structure of a Real Time System — Estimating program run times – Task Assignment and Scheduling – Fault Tolerance Techniques – Reliability, Evaluation – Clock Synchronisation.

UNIT V PROCESSES AND OPERATING SYSTEMS 9

Introduction – Multiple tasks and multiple processes – Multirate systems- Preemptive real-time operating systems- Priority based scheduling- Interprocess communication mechanisms – Evaluating operating system performance- power optimization strategies for processes – Example Real time operating systems-POSIX-Windows CE. - Distributed embedded systems – MPSoCs and shared memory multiprocessors. – Design Example - Audio player, Engine control unit – Video accelerator.

TOTAL: 45 PERIODS

OUTCOMES:

At the end of the course, the student should be able to:

- Describe the architecture and programming of ARM processor
- Outline the concepts of embedded systems
- Explain the basic concepts of real time operating system design
- Model real-time applications using embedded-system concepts

TEXT BOOKS:

1. Marilyn Wolf, “Computers as Components - Principles of Embedded Computing System Design”, Third Edition “Morgan Kaufmann Publisher (An imprint from Elsevier), 2012. (UNIT I, II, III, V)
2. Jane W.S.Liu,” Real Time Systems”, Pearson Education, Third Indian Reprint, 2003.(UNIT IV)

REFERENCES:

1. Lyla B.Das, “Embedded Systems : An Integrated Approach” Pearson Education, 2013.
2. Jonathan W.Valvano, “Embedded Microcomputer Systems Real Time Interfacing”, Third Edition Cengage Learning, 2012.

3. David. E. Simon, "An Embedded Software Primer", 1st Edition, Fifth Impression, Addison-Wesley Professional, 2007.
4. Raymond J.A. Buhr, Donald L.Bailey, "An Introduction to Real-Time Systems- From Design to Networking with C/C++", Prentice Hall, 1999.
5. C.M. Krishna, Kang G. Shin, "Real-Time Systems", International Editions, Mc Graw Hill 1997
6. K.V.K.K.Prasad, "Embedded Real-Time Systems: Concepts, Design & Programming", Dream Tech Press, 2005.
7. Sriram V Iyer, Pankaj Gupta, "Embedded Real Time Systems Programming", Tata Mc Graw Hill, 2004.

Network Security Requirements, Issues and Challenges in Security Provisioning, Network Security Attacks, Layer wise attacks in wireless sensor networks, possible solutions for jamming, tampering, black hole attack, flooding attack. Key Distribution and Management, Secure Routing – SPINS, reliability requirements in sensor networks.

UNIT V SENSOR NETWORK PLATFORMS AND TOOLS

9

Sensor Node Hardware – Berkeley Motes, Programming Challenges, Node-level software platforms – TinyOS, nesC, CONTIKIOS, Node-level Simulators – NS2 and its extension to sensor networks, COOJA, TOSSIM, Programming beyond individual nodes – State centric programming.

TOTAL:45 PERIODS

OUTCOMES:

At the end of the course, the student would be able to:

- Know the basics of Ad hoc networks and Wireless Sensor Networks
- Apply this knowledge to identify the suitable routing algorithm based on the network and user requirement
- Apply the knowledge to identify appropriate physical and MAC layer protocols
- Understand the transport layer and security issues possible in Ad hoc and sensor networks.
- Be familiar with the OS used in Wireless Sensor Networks and build basic modules

TEXT BOOKS:

1. C. Siva Ram Murthy and B. S. Manoj, "Ad Hoc Wireless Networks Architectures and Protocols", Prentice Hall, PTR, 2004. (UNIT I)
2. Holger Karl , Andreas willig, "Protocol and Architecture for Wireless Sensor Networks", John wiley publication, Jan 2006.(UNIT II-V)

REFERENCES:

1. Feng Zhao, Leonidas Guibas, "Wireless Sensor Networks: an information processing approach", Elsevier publication, 2004.
2. Charles E. Perkins, "Ad Hoc Networking", Addison Wesley, 2000.
3. I.F. Akyildiz, W. Su, Sankarasubramaniam, E. Cayirci, "Wireless sensor networks: a survey", computer networks, Elsevier, 2002, 394 - 422.

EC8711**EMBEDDED LABORATORY**

L	T	P	C
0	0	4	2

OBJECTIVES:**The student should be made to:**

- Learn the working of ARM processor
- Understand the Building Blocks of Embedded Systems
- Learn the concept of memory map and memory interface
- Write programs to interface memory, I/Os with processor
- Study the interrupt performance

LIST OF EXPERIMENTS:

- | | |
|---|---|
| 1. Study of ARM evaluation system | 6. Interfacing EPROM and interrupt. |
| 2. Interfacing ADC and DAC. | 7. Mailbox. |
| 3. Interfacing LED and PWM. | 8. Interrupt performance characteristics of ARM and FPGA. |
| 4. Interfacing real time clock and serial port. | |
| 5. Interfacing keyboard and LCD. | |

9. Flashing of LEDS.
10. Interfacing stepper motor and temperature sensor.
11. Implementing zigbee protocol with ARM.

OUTCOMES:

At the end of the course, the student should be able to:

- Write programs in ARM for a specific Application

TOTAL: 60 PERIODS

- Interface memory, A/D and D/A convertors with ARM system
- Analyze the performance of interrupt
- Write program for interfacing keyboard, display, motor and sensor.
- Formulate a mini project using embedded system

LIST OF EQUIPMENT FOR A BATCH OF 30 STUDENTS (3 students per batch)

Embedded trainer kits with ARM board 10 Nos

Embedded trainer kits suitable for wireless communication 10 Nos

Adequate quantities of Hardware, software and consumables

EC8761

ADVANCED COMMUNICATION LABORATORY

L T P C
0 0 4 2

OBJECTIVES:

The student should be made to:

- Understand the working principle of optical sources, detector, fibers
- Develop understanding of simple optical communication link
- Understand the measurement of BER, Pulse broadening
- Understand and capture an experimental approach to digital wireless communication
- Understand actual communication waveforms that will be sent and received across wireless channel

LIST OF OPTICAL EXPERIMENTS

1. Measurement of connector, bending and fiber attenuation losses.
2. Numerical Aperture and Mode Characteristics of Fibers.
3. DC Characteristics of LED and PIN Photo diode.
4. Fiber optic Analog and Digital Link Characterization - frequency response(analog), eye diagram and BER (digital)

LIST OF WIRELESS COMMUNICATION EXPERIMENTS

1. Wireless Channel Simulation including fading and Doppler effects
2. Simulation of Channel Estimation, Synchronization & Equalization techniques
3. Analysing Impact of Pulse Shaping and Matched Filtering using Software Defined Radios
4. OFDM Signal Transmission and Reception using Software Defined Radios

LIST OF MICROWAVE EXPERIMENTS

1. VSWR and Impedance Measurement and Impedance Matching
2. Characterization of Directional Couplers, Isolators, Circulators
3. Gunn Diode Characteristics
4. Microwave IC – Filter Characteristics

TOTAL: 60 PERIODS

OUTCOMES:

On completion of this lab course, the student would be able to

- Analyze the performance of simple optical link by measurement of losses and Analyzing the mode characteristics of fiber
- Analyze the Eye Pattern, Pulse broadening of optical fiber and the impact on BER
- Estimate the Wireless Channel Characteristics and Analyze the performance of Wireless Communication System
- Understand the intricacies in Microwave System design

LIST OF EQUIPMENT FOR A BATCH OF 30 STUDENTS 3 STUDENTS PER EXPERIMENT:

S.NO	NAME OF THE EQUIPMENT	REQUIRED
	characteristics, Digital multi meter, optical power meter	
2	Trainer kit for determining the mode characteristics, losses in optical fiber	2 Nos
3	Trainer kit for analyzing Analog and Digital link performance, 2 Mbps PRBS Data source, 10 MHz signal generator, 20 MHz Digital storage Oscilloscope	2 Nos
4	Kit for measuring Numerical aperture and Attenuation of fiber	2 Nos
5	Advanced Optical fiber trainer kit for PC to PC communication, BER Measurement, Pulse broadening.	2 Nos
6	MM/SM Glass and plastic fiber patch chords with ST/SC/E2000 connectors	2 sets
7	LEDs with ST / SC / E2000 receptacles – 650 / 850 nm	2 sets
8	PIN PDs with ST / SC / E2000 receptacles – 650 / 850 nm	2 sets
9	Digital Communications Teaching Bundle	10 Users
10	Software Define Radio Transceiver Platform with antennas and accessories	2 Nos

EC8811

PROJECT WORK

L T P C

0 0 20 10

OBJECTIVES:

- To develop the ability to solve a specific problem right from its identification and literature review till the successful solution of the same. To train the students in preparing project reports and to face reviews and viva voce examination.

The students in a group of 3 to 4 works on a topic approved by the head of the department under the guidance of a faculty member and prepares a comprehensive project report after completing the work to the satisfaction of the supervisor. The progress of the project is evaluated based on a minimum of three reviews. The review committee may be constituted by the Head of the Department. A project report is required at the end of the semester. The project work is evaluated based on oral presentation and the project report jointly by external and internal examiners constituted by the Head of the Department.

TOTAL: 300 PERIODS

OUTCOME:

- On Completion of the project work students will be in a position to take up any challenging practical problems and find solution by formulating proper methodology.

CS8392

OBJECT ORIENTED PROGRAMMING

L T P C

3 0 0 3

OBJECTIVES:

- To understand Object Oriented Programming concepts and basic characteristics of Java
- To know the principles of packages, inheritance and interfaces
- To define exceptions and use I/O streams
- To develop a java application with threads and generics classes
- To design and build simple Graphical User Interfaces

UNIT I INTRODUCTION TO OOP AND JAVA FUNDAMENTALS

10

Object Oriented Programming - Abstraction – objects and classes - Encapsulation- Inheritance - Polymorphism- OOP in Java – Characteristics of Java – The Java Environment - Java Source File -Structure – Compilation. Fundamental Programming Structures in Java – Defining classes in Java – constructors, methods -access specifiers - static members -Comments, Data Types, Variables, Operators, Control Flow, Arrays , Packages - JavaDoc comments.

UNIT II INHERITANCE AND INTERFACES

9

Inheritance – Super classes- sub classes –Protected members – constructors in sub classes- the Object class – abstract classes and methods- final methods and classes – Interfaces – defining an interface, implementing interface, differences between classes and interfaces and extending interfaces - Object cloning -inner classes, Array Lists - Strings

UNIT III EXCEPTION HANDLING AND I/O

9

Exceptions - exception hierarchy - throwing and catching exceptions - built in exceptions, creating own exception, Stack Trace Elements.

Input / Output Basics – Streams – Byte streams and Character streams – Reading and Writing Console – Reading and Writing Files

UNIT IV MULTITHREADING AND GENERIC PROGRAMMING**8**

Differences between multi-threading and multitasking, thread life cycle, creating threads, synchronizing threads, Inter thread communication, daemon threads, thread groups.

Generic Programming – Generic classes – generic methods – Bounded Types – Restrictions and Limitations.

UNIT V EVENT DRIVEN PROGRAMMING**9**

Graphics programming - Frame – Components - working with 2D shapes - Using color, fonts, and images - Basics of event handling - event handlers - adapter classes - actions - mouse events - AWT event hierarchy - Introduction to Swing – layout management - Swing Components – Text Fields , Text Areas – Buttons- Check Boxes – Radio Buttons – Lists- choices- Scrollbars – Windows –Menus – Dialog Boxes.

TOTAL: 45 PERIODS**OUTCOMES:****Upon completion of the course, students will be able to:**

- Develop Java programs using OOP principles
- Develop Java programs with the concepts inheritance and interfaces
- Build Java applications using exceptions and I/O streams
- Develop Java applications with threads and generics classes
- Develop interactive Java programs using swings

TEXT BOOKS:

1. Herbert Schildt, "Java The complete reference", 8th Edition, McGraw Hill Education, 2011.
2. Cay S. Horstmann, Gary Cornell, "Core Java Volume –I Fundamentals", 9th Edition, Prentice Hall, 2013.

REFERENCES:

1. Paul Deitel, Harvey Deitel, "Java SE 8 for programmers", 3rd Edition, Pearson, 2015.
2. Steven Holzner, "Java 2 Black book", Dreamtech press, 2011.
3. Timothy Budd, "Understanding Object-oriented programming with Java", Updated Edition, Pearson Education, 2000.

EC8073**MEDICAL ELECTRONICS**

L	T	P	C
3	0	0	3

OBJECTIVES:**The student should be made:**

- To gain knowledge about the various physiological parameters both electrical and non electrical and the methods of recording and also the method of transmitting these parameters
- To study about the various assist devices used in the hospitals
- To gain knowledge about equipment used for physical medicine and the various recently developed diagnostic and therapeutic techniques.

UNIT I ELECTRO-PHYSIOLOGY AND BIO-POTENTIAL RECORDING 9

Sources of bio medical signals, Bio-potentials, Biopotential electrodes, biological amplifiers, ECG, EEG, EMG, PCG, typical waveforms and signal characteristics

UNIT II BIO-CHEMICAL AND NON ELECTRICAL PARAMETER 9
MEASUREMENT

pH, PO₂, PCO₂, Colorimeter, Blood flow meter, Cardiac output, respiratory, blood pressure, temperature and pulse measurement, Blood Cell Counters.

UNIT III ASSIST DEVICES 9

TEXT BOOK:

1. Leslie Cromwell, "Biomedical Instrumentation and Measurement", Prentice Hall of India, New Delhi, 2007. (UNIT I – V)

REFERENCES:

1. Khandpur, R.S., "Handbook of Biomedical Instrumentation", TATA Mc Graw-Hill, New Delhi, 2003.
2. John G.Webster, "Medical Instrumentation Application and Design", 3rd Edition, Wiley India Edition, 2007
3. Joseph J.Carr and John M.Brown, "Introduction to Biomedical Equipment Technology", John Wiley and Sons, New York, 2004.

CS8493

OPERATING SYSTEMS

L T P C

3 0 0 3

OBJECTIVES:

- To understand the basic concepts and functions of operating systems.
- To understand Processes and Threads
- To analyze Scheduling algorithms.
- To understand the concept of Deadlocks.
- To analyze various memory management schemes.
- To understand I/O management and File systems.
- To be familiar with the basics of Linux system and Mobile OS like iOS and Android.

UNIT I OPERATING SYSTEM OVERVIEW

7

Computer System Overview-Basic Elements, Instruction Execution, Interrupts, Memory Hierarchy, Cache Memory, Direct Memory Access, Multiprocessor and Multicore Organization. Operating system overview-objectives and functions, Evolution of Operating System.- Computer System Organization Operating System Structure and Operations- System Calls, System Programs, OS Generation and System Boot.

UNIT II PROCESS MANAGEMENT

11

Processes - Process Concept, Process Scheduling, Operations on Processes, Interprocess Communication; CPU Scheduling - Scheduling criteria, Scheduling algorithms, Multiple-processor scheduling, Real time scheduling; Threads- Overview, Multithreading models, Threading issues; Process Synchronization - The critical-section problem, Synchronization hardware, Mutex locks, Semaphores, Classic problems of synchronization, Critical regions, Monitors; Deadlock - System model, Deadlock characterization, Methods for handling deadlocks, Deadlock prevention, Deadlock avoidance, Deadlock detection, Recovery from deadlock.

UNIT III STORAGE MANAGEMENT 9

Main Memory – Background, Swapping, Contiguous Memory Allocation, Paging, Segmentation, Segmentation with paging, 32 and 64 bit architecture Examples; Virtual Memory – Background, Demand Paging, Page Replacement, Allocation, Thrashing; Allocating Kernel Memory, OS Examples.

UNIT IV FILE SYSTEMS AND I/O SYSTEMS 9

Mass Storage system – Overview of Mass Storage Structure, Disk Structure, Disk Scheduling and Management, swap space management; File-System Interface - File concept, Access methods, Directory Structure, Directory organization, File system mounting, File Sharing and Protection; File System Implementation- File System Structure, Directory implementation, Allocation Methods, Free Space Management, Efficiency and Performance, Recovery; I/O Systems – I/O Hardware, Application I/O interface, Kernel I/O subsystem, Streams, Performance.

UNIT V CASE STUDY**9**

Linux System - Design Principles, Kernel Modules, Process Management, Scheduling, Memory Management, Input-Output Management, File System, Interprocess Communication; Mobile OS - iOS and Android - Architecture and SDK Framework, Media Layer, Services Layer, Core OS Layer, File System.

TOTAL: 45 PERIODS**OUTCOMES:****At the end of the course, the students should be able to:**

- Analyze various scheduling algorithms.
- Understand deadlock, prevention and avoidance algorithms.
- Compare and contrast various memory management schemes.
- Understand the functionality of file systems.
- Perform administrative tasks on Linux Servers and compare iOS and Android Operating Systems.

TEXT BOOK :

1. Abraham Silberschatz, Peter Baer Galvin and Greg Gagne, "Operating System Concepts", 9th Edition, John Wiley and Sons Inc., 2012.

REFERENCES :

1. Ramaz Elmasri, A. Gil Carrick, David Levine, "Operating Systems – A Spiral Approach", Tata McGraw Hill Edition, 2010.
2. Achyut S.Godbole, Atul Kahate, " Operating Systems", McGraw Hill Education, 2016.
3. Andrew S. Tanenbaum, "Modern Operating Systems", Second Edition, Pearson Education, 2004.
4. Gary Nutt, "Operating Systems", Third Edition, Pearson Education, 2004.
5. Harvey M. Deital, "Operating Systems", Third Edition, Pearson Education, 2004.
6. Daniel P Bovet and Marco Cesati, "Understanding the Linux kernel", 3rd edition, O'Reilly, 2005.
7. Neil Smyth, "iPhone iOS 4 Development Essentials – Xcode", Fourth Edition, Payload media, 2011.

EC8074

ROBOTICS AND AUTOMATION

L	T	P	C
3	0	0	3

OBJECTIVES:

The student should be made:

- To understand the basic concepts associated with the design, functioning, applications and social aspects of robots
- To study about the electrical drive systems and sensors used in robotics for various applications
- To learn about analyzing robot kinematics, dynamics through different methodologies and study various design aspects of robot arm manipulator and end-effector
- To learn about various motion planning techniques and the associated control architecture
- To understand the implications of AI and other trending concepts of robotics

UNIT I FOUNDATION FOR BEGINNERS

9

Introduction -- brief history, definition, anatomy, types, classification, specification and need based applications; role and need of robots for the immediate problems of the society, future of mankind and automation-ethical issues; industrial scenario local and global, case studies on mobile robot research platform and industrial serial arm manipulator

UNIT II BUILDING BLOCKS OF A ROBOT 9

Types of electric motors - DC, Servo, Stepper; specification, drives for motors - speed & direction control and circuitry, Selection criterion for actuators, direct drives, non-traditional actuators; Sensors for localization, navigation, obstacle avoidance and path planning in known and unknown environments – optical, inertial, thermal, chemical, biosensor, other common sensors; Case study on choice of sensors and actuators for maze solving robot and self driving cars

UNIT III KINEMATICS, DYNAMICS AND DESIGN OF ROBOTS & END-EFFECTORS 9

Robot kinematics - Geometric approach for 2R, 3R manipulators, homogenous transformation using D-H representation, kinematics of WMR, Lagrangian formulation for 2R robot dynamics; Mechanical design aspects of a 2R manipulator, WMR; End-effector - common types and design case study.

UNIT IV NAVIGATION, PATH PLANNING AND CONTROL ARCHITECTURE 9

Mapping & Navigation – SLAM, Path planning for serial manipulators; types of control architectures - Cartesian control, Force control and hybrid position/force control, Behaviour based control, application of Neural network, fuzzy logic, optimization algorithms for navigation problems, programming methodologies of a robot

UNIT V AI AND OTHER RESEARCH TRENDS IN ROBOTICS 9

Application of Machine learning - AI, Expert systems; Tele-robotics and Virtual Reality, Micro & Nanorobots, Unmanned vehicles, Cognitive robotics, Evolutionary robotics, Humanoids

TOTAL:45 PERIODS

OUTCOMES:

The student should be able to:

- Explain the concepts of industrial robots in terms of classification, specifications and coordinate systems, along with the need and application of robots & automation
- Examine different sensors and actuators for applications like maze solving and self driving cars.
- Design a 2R robot & an end-effector and solve the kinematics and dynamics of motion for robots.
- Explain navigation and path planning techniques along with the control architectures adopted for robot motion planning.
- Describe the impact and progress in AI and other research trends in the field of robotics

TEXT BOOKS:

1. Saeed. B. Niku, Introduction to Robotics, Analysis, system, Applications, Pearson educations, 2002

2. Roland Siegwart, Illah Reza Nourbakhsh, Introduction to Autonomous Mobile Robots, MIT Press, 2011

REFERENCES:

1. Richard David Klafner, Thomas A. Chmielewski, Michael Negin, Robotic engineering: an integrated approach, Prentice Hall, 1989
2. Craig, J. J., Introduction to Robotics: Mechanics and Control, 2nd Edition, Addison-Wesley, 1989.
3. K.S. Fu, R.C. Gonzalez and C.S.G. Lee, Robotics: Control, Sensing, Vision and Intelligence, McGraw-Hill, 1987.
4. Wesley E Snyder R, Industrial Robots, Computer Interfacing and Control, Prentice Hall International Edition, 1988.
5. Robin Murphy, Introduction to AI Robotics, MIT Press, 2000
6. Ronald C. Arkin, Behavior-based Robotics, MIT Press, 1998
7. N. P. Padhy, Artificial Intelligence and Intelligent Systems, Oxford University Press, 2005
8. Stefano Nolfi, Dario Floreano, Evolutionary Robotics – The Biology, Intelligence and

UNIT V APPLICATIONS OF NANOTECHNOLOGY**9**

Nano electronics, Nano sensors, Nanotechnology in Diagnostics applications, Environmental and Agricultural Applications of nanotechnology, Nano technology for energy systems

TOTAL : 45 PERIODS**OUTCOMES:****At the end of the course, the student should be able to:**

- Describe the basic science behind the properties of materials.
- Interpret the creation, characterization, and manipulation of nanoscale materials.
- Comprehend the exciting applications of nanotechnology at the leading edge of scientific research
- Apply their knowledge of nanotechnology to identify how they can be exploited for new applications.

TEXT BOOKS:

1. Springer Handbook of Nanotechnology by Bharat Bhushan 2004.(Unit I – V)
2. Encyclopedia of Nanotechnology - Hari Singh Nalwa 2004. (Unit I – V)

REFERENCES:

1. Nanomaterials, Nanotechnologies and Design: an Introduction to Engineers and Architects, D. Michael Ashby, Paulo Ferreira, Daniel L. Schodek, Butterworth-Heinemann, 2009.
2. Handbook of Nanophase and Nanostructured Materials (in four volumes), Eds: Z.L. Wang, Y. Liu, Z. Zhang, Kluwer Academic/Plenum Publishers, 2003.
3. Handbook of Nanoceramics and their Based Nanodevices (Vol. 2) Edited by Tseung-Yuen Tseng and Hari Singh Nalwa, American Scientific Publishers.

GE8074**HUMAN RIGHTS****L T P C****3 0 0 3****OBJECTIVE:**

- To sensitize the Engineering students to various aspects of Human Rights.

UNIT I**9**

Human Rights – Meaning, origin and Development. Notion and classification of Rights – Natural, Moral and Legal Rights. Civil and Political Rights, Economic, Social and Cultural Rights; collective / Solidarity Rights.

UNIT II**9**

Evolution of the concept of Human Rights Magna carta – Geneva convention of 1864. Universal Declaration of Human Rights, 1948. Theories of Human Rights.

UNIT III**9**

Theories and perspectives of UN Laws – UN Agencies to monitor and compliance.

UNIT IV**9**

Human Rights in India – Constitutional Provisions / Guarantees.

UNIT V**9**

Human Rights of Disadvantaged People – Women, Children, Displaced persons and Disabled persons, including Aged and HIV Infected People. Implementation of Human Rights – National and State Human Rights Commission – Judiciary – Role of NGO's, Media, Educational Institutions, Social Movements.

TOTAL : 45 PERIODS**OUTCOME :**

- Engineering students will acquire the basic knowledge of human rights.

REFERENCES:

1. Kapoor S.K., "Human Rights under International law and Indian Laws", Central Law Agency, Allahabad, 2014.
2. Chandra U., "Human Rights", Allahabad Law Agency, Allahabad, 2014.
3. Upendra Baxi, The Future of Human Rights, Oxford University Press, New Delhi.

GE8077**TOTAL QUALITY MANAGEMENT****L T P C****3 0 0 3****OBJECTIVE:**

- To facilitate the understanding of Quality Management principles and process.

UNIT I INTRODUCTION**9**

Introduction - Need for quality - Evolution of quality - Definitions of quality - Dimensions of product

and service quality - Basic concepts of TQM - TQM Framework - Contributions of Deming, Juran and Crosby - Barriers to TQM - Customer focus - Customer orientation, Customer satisfaction, Customer complaints, Customer retention.

UNIT II TQM PRINCIPLES 9

Leadership - Quality Statements, Strategic quality planning, Quality Councils - Employee involvement - Motivation, Empowerment, Team and Teamwork, Recognition and Reward, Performance appraisal - Continuous process improvement - PDCA cycle, 5S, Kaizen - Supplier partnership - Partnering, Supplier selection, Supplier Rating.

UNIT III TQM TOOLS AND TECHNIQUES I 9

The seven traditional tools of quality - New management tools - Six sigma: Concepts, Methodology, applications to manufacturing, service sector including IT - Bench marking - Reason to bench mark, Bench marking process - FMEA - Stages, Types.

UNIT IV TQM TOOLS AND TECHNIQUES II 9

Quality Circles - Cost of Quality - Quality Function Deployment (QFD) - Taguchi quality loss function - TPM - Concepts, improvement needs - Performance measures.

UNIT V QUALITY MANAGEMENT SYSTEM 9

Introduction—Benefits of ISO Registration—ISO 9000 Series of Standards—Sector-Specific Standards—AS 9100, TS16949 and TL 9000— ISO 9001 Requirements—Implementation—Documentation—Internal Audits—Registration- **ENVIRONMENTAL MANAGEMENT SYSTEM:** Introduction—ISO 14000 Series Standards—Concepts of ISO 14001—Requirements of ISO 14001—Benefits of EMS.

TOTAL: 45 PERIODS

OUTCOME:

- The student would be able to apply the tools and techniques of quality management to manufacturing and services processes.

TEXT BOOK:

1. Dale H.Besterfield, Carol B.Michna,Glen H. Besterfield,Mary B.Sacre,Hemant Urdhwareshe and Rashmi Urdhwareshe, "Total Quality Management", Pearson Education Asia, Revised Third Edition, Indian Reprint, Sixth Impression, 2013.

REFERENCES:

1. James R. Evans and William M. Lindsay, "The Management and Control of Quality", 8th Edition, First Indian Edition, Cengage Learning, 2012.
2. Janakiraman. B and Gopal .R.K., "Total Quality Management - Text and Cases", Prentice Hall (India) Pvt. Ltd., 2006.
3. Suganthi.L and Anand Samuel, "Total Quality Management", Prentice Hall (India) Pvt. Ltd., 2006.
4. ISO9001-2015 standards

		L	T	P	C
CS8792	CRYPTOGRAPHY AND NETWORK SECURITY	3	0	0	3

OBJECTIVES:

- To understand Cryptography Theories, Algorithms and Systems.
- To understand necessary Approaches and Techniques to build protection mechanisms in order to secure computer networks.

UNIT I INTRODUCTION 9

Security trends - Legal, Ethical and Professional Aspects of Security, Need for Security at Multiple levels, Security Policies - Model of network security – Security attacks, services and mechanisms – OSI security architecture – Classical encryption techniques: substitution techniques, transposition techniques, steganography).- Foundations of modern cryptography: perfect security – information theory – product cryptosystem – cryptanalysis.

UNIT II SYMMETRIC CRYPTOGRAPHY 9

MATHEMATICS OF SYMMETRIC KEY CRYPTOGRAPHY: Algebraic structures - Modular arithmetic-Euclid's algorithm- Congruence and matrices - Groups, Rings, Fields- Finite fields- SYMMETRIC KEY CIPHERS: SDES – Block cipher Principles of DES – Strength of DES – Differential and linear cryptanalysis - Block cipher design principles – Block cipher mode of operation – Evaluation criteria for AES – Advanced Encryption Standard - RC4 – Key distribution.

UNIT III PUBLIC KEY CRYPTOGRAPHY 9

MATHEMATICS OF ASYMMETRIC KEY CRYPTOGRAPHY: Primes – Primality Testing – Factorization – Euler's totient function, Fermat's and Euler's Theorem - Chinese Remainder Theorem – Exponentiation and logarithm - ASYMMETRIC KEY CIPHERS: RSA cryptosystem – Key distribution – Key management – Diffie Hellman key exchange - ElGamal cryptosystem – Elliptic curve arithmetic-Elliptic curve cryptography.

UNIT IV MESSAGE AUTHENTICATION AND INTEGRITY 9

Authentication requirement – Authentication function – MAC – Hash function – Security of hash function and MAC – SHA –Digital signature and authentication protocols – DSS- Entity Authentication: Biometrics, Passwords, Challenge Response protocols- Authentication applications - Kerberos, X.509

UNIT V SECURITY PRACTICE AND SYSTEM SECURITY 9

Electronic Mail security – PGP, S/MIME – IP security – Web Security - SYSTEM SECURITY: Intruders – Malicious software – viruses – Firewalls.

TOTAL 45 PERIODS

OUTCOMES:

At the end of the course, the student should be able to:

- Understand the fundamentals of networks security, security architecture, threats and vulnerabilities
- Apply the different cryptographic operations of symmetric cryptographic algorithms

- Apply the different cryptographic operations of public key cryptography
- Apply the various Authentication schemes to simulate different applications.
- Understand various Security practices and System security standards

TEXT BOOK:

1. William Stallings, Cryptography and Network Security: Principles and Practice, PHI 3rd Edition, 2006.

REFERENCES

1. C K Shyamala, N Harini and Dr. T R Padmanabhan: Cryptography and Network Security, Wiley India Pvt.Ltd
2. BehrouzA.Foruzan, Cryptography and Network Security, Tata McGraw Hill 2007.
3. Charlie Kaufman, Radia Perlman, and Mike Speciner, Network Security: PRIVATE Communication in a PUBLIC World, Prentice Hall, ISBN 0-13-046019-2

EC8091 ADVANCED DIGITAL SIGNAL PROCESSING L T P C
3 0 0 3

OBJECTIVES:

- To learn and understand the concepts of stationary and non-stationary random signals and analysis & characterization of discrete-time random processes
- To enunciate the significance of estimation of power spectral density of random processes
- To introduce the principles of optimum filters such as Wiener and Kalman filters
- To introduce the principles of adaptive filters and their applications to communication engineering
- To introduce the concepts of multi-resolution analysis

UNIT I DISCRETE-TIME RANDOM PROCESSES 9

Random variables - ensemble averages a review, random processes - ensemble averages, autocorrelation and autocovariance matrices, ergodic random process, white noise, filtering random processes, spectral factorization, special types of random processes - AR, MA, ARMA

UNIT II SPECTRUM ESTIMATION 10

Bias and consistency, Non-parametric methods - Periodogram, modified-Periodogram - performance analysis. Bartlett's method, Welch's method, Blackman-Tukey method. Performance comparison. Parametric methods - autoregressive (AR) spectrum estimation - autocorrelation method, Prony's method, solution using Levinson Durbin recursion.

UNIT III OPTIMUM FILTERS 9

Wiener filters - FIR Wiener filter - discrete Wiener Hopf equation, Applications - filtering, linear prediction. IIR Wiener filter - causal and non-causal filters. Recursive estimators - discrete Kalman filter.

UNIT IV ADAPTIVE FILTERS 9

Principles and properties of adaptive filters - FIR adaptive filters. Adaptive algorithms - steepest descent algorithm, the LMS algorithm - convergence. Applications of adaptive filtering - noise cancellation, channel equalization.

UNIT V MULTIREOLUTION ANALYSIS 8

Short-time Fourier transform - Heisenberg uncertainty principle. Principles of multi-resolution analysis - sub-band coding, the continuous and discrete wavelet transform - properties. Applications of wavelet transform - noise reduction, image compression.

TOTAL:45 PERIODS

OUTCOMES:

At the end of the course, the student should be able to:

- Articulate and apply the concepts of special random processes in practical applications
- Choose appropriate spectrum estimation techniques for a given random process
- Apply optimum filters appropriately for a given communication application
- Apply appropriate adaptive algorithm for processing non-stationary signals
- Apply and analyse wavelet transforms for signal and image processing based applications

TEXT BOOKS

1. Monson H. Hayes, "Statistical digital signal processing and modeling", John Wiley and Sons Inc. New York, Indian reprint 2008. (UNIT I-IV)
2. P. P. Vaidyanathan, "Multirate systems and filter banks", Prentice Hall Inc. 1993 (UNIT V)

REFERENCES:

1. John G. Proakis & Dimitris G. Manolakis, "Digital Signal Processing – Principles, Algorithms & Applications", Fourth Edition, Pearson Education / Prentice Hall, 2007.
2. Sophocles J. Orfanidis, "Optimum signal processing", McGraw Hill, 2000

EC8001**MEMS AND NEMS**

L	T	P	C
3	0	0	3

OBJECTIVES:

- To introduce the concepts of micro and nano electromechanical devices
- To know the fabrication process of Microsystems
- To know the design concepts of micro sensors and micro actuators
- To introduce the concepts of quantum mechanics and nano systems

UNIT I INTRODUCTION TO MEMS AND NEMS 9

Introduction to Design of MEMS and NEMS, Overview of Nano and Microelectromechanical Systems, Applications of Micro and Nanoelectromechanical systems, Materials for MEMS and NEMS: Silicon, silicon compounds, polymers, metals.

UNIT II MEMS FABRICATION TECHNOLOGIES 9

Photolithography, Ion Implantation, Diffusion, Oxidation, CVD, Sputtering Etching techniques, Micromachining: Bulk Micromachining, Surface Micromachining, LIGA.

UNIT III MICRO SENSORS 9

MEMS Sensors: Design of Acoustic wave sensors, Vibratory gyroscope, Capacitive Pressure sensors, Case study: Piezoelectric energy harvester

UNIT IV MICRO ACTUATORS 9

Design of Actuators: Actuation using thermal forces, Actuation using shape memory Alloys, Actuation using piezoelectric crystals, Actuation using Electrostatic forces, Case Study: RF Switch.

UNIT V NANO DEVICES

9

Atomic Structures and Quantum Mechanics, Shrodinger Equation, ZnO nanorods based NEMS device: Gas sensor.

TOTAL: 45 PERIODS

OUTCOMES:

On successful completion of this course, the student should be able to:

- Interpret the basics of micro/nano electromechanical systems including their applications and advantages
- Recognize the use of materials in micro fabrication and describe the fabrication processes including surface micromachining, bulk micromachining and LIGA.
- Analyze the key performance aspects of electromechanical transducers including sensors and actuators
- Comprehend the theoretical foundations of quantum mechanics and Nano systems

Best Effort service model – Scheduling and Dropping policies – Network Performance Parameters
– Quality of Service and metrics – WFQ and its variants – Random Early Detection – QoS aware
Routing – Admission Control – Resource Reservation – RSVP - Traffic Shaping Algorithms –
Caching – Laissez Faire Approach - Possible Architectures – An Overview of QoS Architectures

UNIT V MULTIMEDIA COMMUNICATION

10

Stream characteristics for Continuous media – Temporal Relationship – Object Stream Interactions, Media Levity, Media Synchronization – Models for Temporal Specifications – Streaming of Audio and Video – Jitter – Fixed playout and Adaptive playout – Recovering from packet loss – RTSP — Multimedia Communication Standards – RTP/RTCP – SIP and H.263

TOTAL:45 PERIODS

OUTCOMES:

At the end of the course, the student should be able to:

- Design audio compression techniques
- Configure Text, image and video compression techniques
- Select suitable service model for specific application
- Configure multimedia communication network

TEXT BOOK:

1. Fred Halsall, —Multimedia communication- Applications, Networks, Protocols and Standards, Pearson education, 2007.

REFERENCES

1. Tay Vaughan, —Multimedia Making it work , McGraw-Hill Osborne Media, 2006.
2. Kurose and W. Ross, —Computer Networking —A Top Down Approach, Pearson education, 3rd ed, 2005.
3. KR. Rao,Z S Bojkovic, D A Milovanovic, —Multimedia Communication Systems: Techniques, Standards, and Networks, Pearson Education 2007
4. R. Steimnetz, K. Nahrstedt, —Multimedia Computing, Communications and Applications, Pearson Education, First ed, 1995.
5. Nalin K Sharda, 'Multimedia Information Networking', Prentice Hall of India, 1999
6. Aura Ganz, Zvi Ganz and Kitti Wongthawaravat, 'Multimedia Wireless Networks: Technologies, Standards and QoS', Prentice Hall, 2003.
7. Ellen Kayata Wesel, 'Wireless Multimedia Communications: Networking Video, Voice and Data', Addison Wesley, 1998

EC8003**CMOS ANALOG IC DESIGN**

L	T	P	C
3	0	0	3

OBJECTIVES:

- To study the fundamentals of analog circuits and MOS device models
- To gain knowledge on various configurations of MOS transistors and feedback concepts
- To study the characteristics of noise and frequency response of the amplifier
- To learn the concepts of Op-Amp frequency compensation, capacitor switches and PLLs

UNIT I INTRODUCTION TO ANALOG IC DESIGN AND CURRENT MIRRORS 9

Concepts of Analog Design - General consideration of MOS devices – MOS I/V Characteristics – Second order effects – MOS device models. Basic current mirrors- Cascode current mirrors- Active current mirrors- Large and Small signal analysis- Common mode properties.

UNIT V SWITCHED CAPACITOR CIRCUITS AND PLLS

9

General Considerations- Sampling switches- Switched Capacitor Amplifiers- Switched Capacitor Integrator- Switched Capacitor Common mode feedback. Phase Locked Loops-Simple PLL- Charge pump PLLs - Non ideal Effects in PLLs- Delay locked loops- its Applications.

TOTAL:45 PERIODS

OUTCOMES:

Upon completion of the course, student should be able to:

- Realize the concepts of Analog MOS devices and current mirror circuits.
- Design different configuration of Amplifiers and feedback circuits.
- Analyze the characteristics of frequency response of the amplifier and its noise.
- Analyze the performance of the stability and frequency compensation techniques of Op-Amp Circuits.
- Construct switched capacitor circuits and PLLs

TEXT BOOK:

1. Behzad Razavi, "Design of Analog CMOS Integrated Circuits", Tata McGraw Hill, 2001, 33rd re-print, 2016.

REFERENCES:

1. Phillip Allen and Douglas Holmberg "CMOS Analog Circuit Design" Second Edition, Oxford University Press, 2004.
2. Paul R. Gray, Paul J. Hurst, Stephen H. Lewis, Robert G. Meyer, Analysis and Design of Analog Integrated Circuits, 5th Edition, Wiley, 2009
3. Grebene, "Bipolar and MOS Analog Integrated circuit design", John Wiley & sons, Inc., 2003

EC8004

WIRELESS NETWORKS

L	T	P	C
3	0	0	3

OBJECTIVES:

The student should be made:

- To understand the concept about Wireless networks, protocol stack and standards

UNIT IV INTERNETWORKING BETWEEN WLANS AND WWANS 9

Internetworking objectives and requirements, Schemes to connect WLANS and 3G Networks, Session Mobility, Internetworking Architecture for WLAN and GPRS, System Description, Local Multipoint Distribution Service, Multichannel Multipoint Distribution System.

UNIT V 4G & Beyond 9

Introduction – 4G vision – 4G features and challenges - Applications of 4G – 4G Technologies: Multicarrier Modulation, Smart antenna techniques, IMS Architecture, LTE, Advanced Broadband Wireless Access and Services, MVNO.

TOTAL:45 PERIODS

OUTCOMES:

Upon completion of the course, the student would be able to:

- Conversant with the latest 3G/4G networks and its architecture
- Design and implement wireless network environment for any application using latest wireless protocols and standards
- Ability to select the suitable network depending on the availability and requirement
- Implement different type of applications for smart phones and mobile devices with latest network strategies

TEXT BOOKS:

1. Jochen Schiller, "Mobile Communications", Second Edition, Pearson Education 2012.(Unit I,II,III)
2. Vijay Garg, "Wireless Communications and networking", First Edition, Elsevier 2007.(Unit IV,V)

REFERENCES:

1. Erik Dahlman, Stefan Parkvall, Johan Skold and Per Beming, "3G Evolution HSPA and LTE for Mobile Broadband", Second Edition, Academic Press, 2008.

UNIT IV DIGITAL PRODUCTS AND LAW 9

Digital Innovations and Developments as Knowledge Assets – IP Laws, Cyber Law and Digital Content Protection – Unfair Competition – Meaning and Relationship between Unfair Competition and IP Laws – Case Studies.

UNIT V ENFORCEMENT OF IPRs 7

Infringement of IPRs, Enforcement Measures, Emerging issues – Case Studies.

TOTAL : 45 PERIODS

OUTCOME:

- Ability to manage Intellectual Property portfolio to enhance the value of the firm.

TEXT BOOKS:

1. V. Scople Vinod, Managing Intellectual Property, Prentice Hall of India pvt Ltd, 2012
2. S. V. Satakar, "Intellectual Property Rights and Copy Rights, Ess Ess Publications, New Delhi, 2002.

REFERENCES:

1. Deborah E. Bouchoux, "Intellectual Property: The Law of Trademarks, Copyrights, Patents and Trade Secrets", Cengage Learning, Third Edition, 2012.
2. Prabuddha Ganguli, "Intellectual Property Rights: Unleashing the Knowledge Economy", McGraw Hill Education, 2011.
3. Edited by Derek Bosworth and Elizabeth Webster, The Management of Intellectual Property, Edward Elgar Publishing Ltd., 2013.

EC8092

ADVANCED WIRELESS COMMUNICATION

L T P C

OBJECTIVES:

3 0 0 3

- To expose the students to the importance of improving capacity of wireless channel using MIMO
- To enable understanding of channel impairment mitigation using space-time block and Trellis codes
- To teach advanced MIMO system like layered space time codes, MU-MIMO System and MIMO-OFDM systems

UNIT I CAPACITY OF WIRELESS CHANNELS

9

The crowded spectrum, need for high data rate, MIMO systems – Array Gain, Diversity Gain, Data Pipes, Spatial MUX, MIMO System Model. MIMO System Capacity – channel known at the TX, Channel unknown to the TX – capacity of deterministic channels, Random channels and frequency selective channels.

UNIT II RADIO WAVE PROPAGATION

9

Radio wave propagation – Macroscopic fading- free space and out door, small scale fading Fading measurements – Direct pulse measurements, spread spectrum correlation channel sounding frequency domain channel sounding, Antenna Diversity – Diversity combining methods.

UNIT III SPACE TIME BLOCK CODES

9

Delay Diversity scheme, Alamoti space time code – Maximum likelihood decoding maximum ratio combining. Transmit diversity space time block codes for real signal constellation and complex signal constellation - decoding of STBC.

UNIT IV SPACE TIME TRELLIS CODES**9**

Space time coded systems, space time code word design criteria, design of space time T C on slow fading channels, design of STTC on Fast Fading channels, performance analysis in slow and fast fading channels, effect of imperfect channel estimation and Antenna correlation on performance, comparison of STBC & STTC.

UNIT V LAYERED SPACE TIME CODES**9**

LST transmitter – Horizontal and Vertical LST receiver – ML Rx, Zero forcing Rx; MMSE Rx, SIC Rx, ZF V-blast Rx- MMSE V-blast Rx, Iterative Rx - capacity of MIMO – OFDM systems – capacity of MIMO multi user systems.

TOTAL : 45 PERIODS**OUTCOMES:****The student should be able to:**

- Comprehend and appreciate the significance and role of this course in the present contemporary world
- Apply the knowledge about the importance of MIMO in today's communication
- Appreciate the various methods for improving the data rate of wireless communication system

REFERENCES:

1. Mohinder Jankiraman, Space-time codes and MIMO systems, Artech House, Boston, London . www.artech house.com, ISBN 1-58053-865-7-2004
2. Paulraj Rohit Nabar, Dhananjay Gore, Introduction of space time wireless communication systems, Cambridge University Press, 2003.
3. David Tse and Pramod Viswanath, —Fundamentals of Wireless CommunicationII, Cambridge University Press, 2005.
4. Sergio Verdu “ Multi User Detection” Cambridge University Press, 1998

EC8071

COGNITIVE RADIO

L	T	P	C
3	0	0	3

OBJECTIVES:

The student should be made:

- To understand the evolving software defined radio and cognitive radio techniques and their essential functionalities
- To study the basic architecture and standard for cognitive radio
- To understand the physical, MAC and Network layer design of cognitive radio
- To expose the student to evolving applications and advanced features of cognitive radio

UNIT I INTRODUCTION TO SOFTWARE-DEFINED RADIO AND COGNITIVE RADIO

9

Evolution of Software Defined Radio and Cognitive radio: goals, benefits, definitions, architectures, relations with other radios, issues, enabling technologies, radio frequency spectrum and regulations.

UNIT II COGNITIVE RADIO ARCHITECTURE

9

Cognition cycle – orient, plan, decide and act phases, Organization, SDR as a platform for Cognitive Radio – Hardware and Software Architectures, Overview of IEEE 802.22 standard for broadband wireless access in TV bands.

H. Vincent Poor, "Principles of Cognitive Radio" , Cambridge University Press, 2012.

GE8072	FOUNDATION SKILLS IN INTEGRATED PRODUCT DEVELOPMENT	L	T	P	C
		3	0	0	3

OBJECTIVES:

- To understand the global trends and development methodologies of various types of products and services
- To conceptualize, prototype and develop product management plan for a new product based on the type of the new product and development methodology integrating the hardware, software, controls, electronics and mechanical systems
- To understand requirement engineering and know how to collect, analyze and arrive at requirements for new product development and convert them in to design specification
- To understand system modeling for system, sub-system and their interfaces and arrive at the optimum system specification and characteristics
- To develop documentation, test specifications and coordinate with various teams to validate and sustain up to the EoL (End of Life) support activities for engineering customer

OUTCOMES:**TOTAL: 45 PERIODS****Upon completion of the course, the students will be able to:**

- Define, formulate and analyze a problem
- Solve specific problems independently or as part of a team
- Gain knowledge of the Innovation & Product Development process in the Business Context
- Work independently as well as in teams
- Manage a project from start to finish

TEXTBOOKS:

1. Book specially prepared by NASSCOM as per the MoU.
2. Karl T Ulrich and Stephen D Eppinger, "Product Design and Development", Tata McGraw Hill, Fifth Edition, 2011.
3. John W Newstorm and Keith Davis, "Organizational Behavior", Tata McGraw Hill, Eleventh Edition, 2005.

REFERENCES:

1. Hiriyappa B, "Corporate Strategy – Managing the Business", Author House, 2013.
2. Peter F Drucker, "People and Performance", Butterworth – Heinemann [Elsevier], Oxford, 2004.
3. Vinod Kumar Garg and Venkita Krishnan N K, "Enterprise Resource Planning – Concepts", Second Edition, Prentice Hall, 2003.
4. Mark S Sanders and Ernest J McCormick, "Human Factors in Engineering and Design", McGraw Hill Education, Seventh Edition, 2013

CS8082**MACHINE LEARNING TECHNIQUES****L T P C****3 0 0 3****OBJECTIVES:**

- To understand the need for machine learning for various problem solving
- To study the various supervised, semi-supervised and unsupervised learning algorithms in machine learning
- To learn the new approaches in machine learning
- To design appropriate machine learning algorithms for problem solving

UNIT I INTRODUCTION**9**

Learning Problems – Perspectives and Issues – Concept Learning – Version Spaces and Candidate Eliminations – Inductive bias – Decision Tree learning – Representation – Algorithm – Heuristic Space Search.

UNIT II NEURAL NETWORKS AND GENETIC ALGORITHMS**9**

Neural Network Representation – Problems – Perceptrons – Multilayer Networks and Back Propagation Algorithms – Advanced Topics – Genetic Algorithms – Hypothesis Space Search – Genetic Programming – Models of Evaluation and Learning.

UNIT III BAYESIAN AND COMPUTATIONAL LEARNING**9**

Bayes Theorem – Concept Learning – Maximum Likelihood – Minimum Description Length Principle – Bayes Optimal Classifier – Gibbs Algorithm – Naïve Bayes Classifier – Bayesian

individual application

- Provide useful case studies on the advanced machine learning algorithms

TEXT BOOK:

1. Tom M. Mitchell, "Machine Learning", McGraw-Hill Education (India) Private Limited, 2013.

REFERENCES:

1. Ethem Alpaydin, "Introduction to Machine Learning (Adaptive Computation and Machine Learning)", The MIT Press 2004.
2. Stephen Marsland, "Machine Learning: An Algorithmic Perspective", CRC Press, 2009.

EC8005	ELECTRONIC PACKAGING AND TESTING	L	T	P	C
		3	0	0	3

OBJECTIVE:

- To introduce and discuss various issues related to the system packaging

UNIT I OVERVIEW OF ELECTRONIC SYSTEMS PACKAGING 9

Functions of an Electronic Package, Packaging Hierarchy, IC packaging: MEMS packaging, consumer electronics packaging, medical electronics packaging, Trends, Challenges, Driving Forces on Packaging Technology, Materials for Microelectronic packaging, Packaging Material Properties, Ceramics, Polymers, and Metals in Packaging, Material for high density interconnect substrates

UNIT II ELECTRICAL ISSUES IN PACKAGING 9

Electrical Issues of Systems Packaging, Signal Distribution, Power Distribution, Electromagnetic Interference, Transmission Lines, Clock Distribution, Noise Sources, Digital and RF Issues. Design Process Electrical Design: Interconnect Capacitance, Resistance and Inductance fundamentals; Packaging roadmaps - Hybrid circuits - Resistive, Capacitive and Inductive parasitics

UNIT III CHIP PACKAGES 9

associated thermal, speed, signal and integrity power issues

- Enable design of packages which can withstand higher temperature, vibrations and shock
- Design of PCBs which minimize the EMI and operate at higher frequency
- Analyze the concepts of Testing and testing methods

TEXT BOOK:

1. Tummala, Rao R., Fundamentals of Microsystems Packaging, McGraw Hill, 2001

REFERENCES:

1. Blackwell (Ed), The electronic packaging handbook, CRC Press, 2000.
2. Tummala, Rao R, Microelectronics packaging handbook, McGraw Hill, 2008.
3. Bosshart, Printed Circuit Boards Design and Technology, TataMcGraw Hill, 1988.
4. R.G. Kaduskar and V.B.Baru, Electronic Product design, Wiley India, 2011
5. R.S.Khandpur, Printed Circuit Board, Tata McGraw Hill, 2005
6. Recent literature in Electronic Packaging
7. Michael L. Bushnell & Vishwani D. Agrawal, "Essentials of Electronic Testing for Digital, memory & Mixed signal VLSI Circuits", Kluwer Academic Publishers.2000.
8. M. Abramovici, M. A. Breuer, and A.D. Friedman, "Digital System Testing and Testable Design", Computer Science Press,1990

EC8006

MIXED SIGNAL IC DESIGN

L	T	P	C
3	0	0	3

OBJECTIVES:

The student should be made to:

- Study the mixed signal of submicron CMOS circuits
- Understand the various integrated based filters and topologies
- Learn the data converters architecture, modeling and signal to noise ratio
- Study the integrated circuit of oscillators and PLLs

UNIT I SUBMICRON CMOS CIRCUIT DESIGN 9

Submicron CMOS: Overview and Models, CMOS process flow, Capacitors and Resistors. Digital circuit design: The MOSFET Switch, Delay Elements, An Adder. Analog Circuit Design: Biasing, Op-Amp Design, Circuit Noise.

UNIT II INTEGRATOR BASED CMOS FILTERS 9

Integrator Building Blocks- low pass filter, Active RC integrators, MOSFET-C Integrators, g_m -C integrators, Discrete time integrators. Filtering Topologies: The Bilinear transfer function, The Biquadratic transfer function, Filters using Noise shaping.

UNIT III DATA CONVERTER ARCHITECTURES 9

DAC Architectures- Resistor string, R-2R ladder Networks, Current Steering, Charge Scaling DACs, Cyclic DAC, and Pipeline DAC. ADC Architectures- Flash, Two-step flash ADC, Pipeline ADC, Integrating ADC's, Successive Approximation ADC.

UNIT IV DATA CONVERTER MODELING AND SNR 9

Sampling and Aliasing: A modeling approach, Impulse sampling, The sample and Hold, Quantization noise. Data converter SNR: An overview, Clock Jitter, Improving SNR using Averaging, Decimating filter for ADCs, Interpolating filter for DACs, Band pass and High pass sinc filters - Using feedback to improve SNR.

UNIT V OSCILLATORS AND PLL 9

LC oscillators, Voltage Controlled Oscillators. Simple PLL, Charge pumps PLLs, Non ideal effects in PLLs, Delay Locked PLLs Loops.

TOTAL :45 PERIODS

OUTCOMES:

Upon completion of the course, student should be able to

- Apply the concepts for mixed signal MOS circuit.
- Analyze the characteristics of IC based CMOS filters.
- Design of various data converter architecture circuits.
- Analyze the signal to noise ratio and modeling of mixed signals.
- Design of oscillators and phase lock loop circuit.

REFERENCES:

1. CMOS Mixed Signal Circuit Design by R.Jacob Baker, Wiley India, IEEE Press, reprint 2008.
2. CMOS Circuit Design, Layout and Simulation by R.Jacob Baker, Wiley India, IEEE Press, Second Edition, reprint 2009.
3. Design of Analog CMOS Integrated Circuits by Behzad Razavi, McGraw Hill, 33rd Reprint, 2016.

GE8071

DISASTER MANAGEMENT

LT P C

3 0 0 3

OBJECTIVES:

- To provide students an exposure to disasters, their significance and types.
- To ensure that students begin to understand the relationship between vulnerability, disasters, disaster prevention and risk reduction
- To gain a preliminary understanding of approaches of Disaster Risk Reduction (DRR)
- To enhance awareness of institutional processes in the country and
- To develop rudimentary ability to respond to their surroundings with potential disaster response in areas where they live, with due sensitivity

UNIT I INTRODUCTION TO DISASTERS

9

LOW POWER SoC DESIGN

L	T	P	C
3	0	0	3

OBJECTIVES:

The student should be made to:

- Identify sources of power in an IC.
- Understand basic principle of System on Chip design
- Learn optimization of power in combinational and sequential logic machines for SoC Design
- Identify suitable techniques to reduce the power dissipation and design circuits with low power dissipation.

UNIT I POWER CONSUMPTION IN CMOS 9

Physics of power dissipation in CMOS FET devices – Hierarchy of limits of power – Sources of power consumption – Static Power Dissipation, Active Power Dissipation - Designing for Low Power, Circuit Techniques for Leakage Power Reduction - Basic principle of low power design, Logic level power optimization – Circuit level low power design.

UNIT II SYSTEM-ON-CHIP DESIGN 9

System-on-Chip Concept, Design Principles in SoC Architecture, SoC Design Flow, Platform-based and IP based SoC Designs, Basic Concepts of Bus-Based Communication Architectures. High performance algorithms for ASICs/ SoCs as case studies – Canonic Signed Digit Arithmetic, KCM, Distributed Arithmetic, High performance digital filters for sigma-delta ADC

UNIT III POWER OPTIMIZATION OF COMBINATIONAL AND SEQUENTIAL 9

LOGIC MACHINES FOR SOC

Introduction to Standard Cell-Based Layout – Simulation - Combinational Network Delay - Logic and interconnect Design - Power Optimization - Switch Logic Networks. Introduction - Latches and Flip-Flops - Sequential Systems and Clocking Disciplines - Sequential System Design - Power Optimization - Design Validation - Sequential Testing.

UNIT IV DESIGN OF LOW POWER CIRCUITS FOR SUB SYSTEM ON A 9

SOC

Subsystem Design Principles - Combinational Shifters – Adders – ALUs – Multipliers – High Density Memory – Field Programmable Gate Arrays - Programmable Logic Arrays - Computer arithmetic techniques for low power system – low voltage low power static Random access and dynamic Random access memories, low power clock, Inter connect and layout design

UNIT V FLOOR PLANNING 9

Floor-planning Methods – Block Placement & Channel Definition - Global Routing - switchbox Routing - Power Distribution - Clock Distributions - Floor-planning Tips - Design Validation - Off-Chip Connections – Packages, The I/O Architecture - PAD Design

TOTAL:45 PERIODS

OUTCOME:

At the end of the course, the student should be able to:

- Analyze and design low-power VLSI circuits using different circuit technologies for system on chip design

TEXT BOOKS:

1. J.Rabaey, “Low Power Design Essentials (Integrated Circuits and Systems)”, Springer, 2009
2. Wayne Wolf, “Modern VLSI Design – System – on – Chip Design”, Prentice Hall, 3rd Edition, 2008.

REFERENCES:

1. J.B.Kuo & J.H.Lou, “Low-voltage CMOS VLSI Circuits”, Wiley, 1999.
2. A.Bellaouar & M.I.Elmasry, “Low power Digital VLSI Design, Circuits and Systems”, Kluwer, 1996.

3. Wayne Wolf, "Modern VLSI Design – IP based Design", Prentice Hall, 4th Edition, 2008.
4. M.J.S. Smith : Application Specific Integrated Circuits, Pearson, 2003
5. Sudeep Pasricha and NikilDutt, On-Chip Communication Architectures System on Chip Interconnect, Elsevier, 2008
6. Recent literature in Low Power VLSI Circuits.
7. Recent literature in Design of ASICs

EC8008

PHOTONIC NETWORKS

L T P C

3 0 0 3

OBJECTIVES:

- To enable the student to understand the importance of the backbone infrastructure for our present and future communication needs and familiarize them with the architectures and the protocol stack in use
- To enable the student to understand the differences in the design of data plane and the control plane and the routing, switching and the resource allocation methods and the network management and protection methods in vogue
- To expose the student to the advances in networking and switching domains and the future trends

UNIT I OPTICAL SYSTEM COMPONENTS 9

Light Propagation in optical fibers – Loss & bandwidth, System limitations, Nonlinear effects; Solitons; Optical Network Components – Couplers, Isolators & Circulators, Multiplexers & Filters, Optical Amplifiers, Switches, Wavelength Converters.

UNIT II OPTICAL NETWORK ARCHITECTURES 9

Introduction to Optical Networks; SONET / SDH, Metropolitan-Area Networks, Layered Architecture; Broadcast and Select Networks – Topologies for Broadcast Networks, Media-Access Control Protocols, Wavelength Routing Architecture.

UNIT III WAVELENGTH ROUTING NETWORKS 9

The optical layer, Optical Network Nodes, Routing and wavelength assignment, Traffic Grooming in Optical Networks, Architectural variations- Linear Light wave networks, Logically Routed Networks.

UNIT IV PACKET SWITCHING AND ACCESS NETWORKS 9

Photonic Packet Switching – OTDM, Multiplexing and Demultiplexing, Synchronization, Broadcast OTDM networks, Switch-based networks, Contention Resolution Access Networks – Network Architecture overview, Optical Access Network Architectures and OTDM networks.

UNIT V NETWORK DESIGN AND MANAGEMENT 9

Transmission System Engineering – System model, Power penalty - transmitter, receiver, Optical amplifiers, crosstalk, dispersion, Wavelength stabilization, Overall design considerations, Control and Management – Network management functions, Configuration management, Performance management, Fault management, Optical safety, Service interface.

TOTAL:45 PERIODS

OUTCOMES:

At the end of the course, the student would be able to:

- Use the backbone infrastructure for our present and future communication needs
- Analyze the architectures and the protocol stack
- Compare the differences in the design of data plane, control plane, routing, switching, resource allocation methods, network management and protection methods in vogue

REFERENCES:

1. Rajiv Ramaswami and Kumar N. Sivarajan, "Optical Networks: A Practical Perspective", Harcourt Asia Pte Ltd., Second Edition 2004.
2. C. Siva Ram Moorthy and Mohan Gurusamy, "WDM Optical Networks: Concept, Design and Algorithms", Prentice Hall of India, 1st Edition, 2002.
3. P.E. Green, Jr., "Fiber Optic Networks", Prentice Hall, NJ, 1993.
4. Biswanath Mukherjee, "Optical WDM Networks", Springer Series, 2006.

EC8009

COMPRESSIVE SENSING

L	T	P	C
3	0	0	3

OBJECTIVES:

- To present the basic theory and ideas showing when it is possible to reconstruct sparse or nearly sparse signals from undersampled data
- To expose students to recent ideas in modern convex optimization allowing rapid signal recovery
- To give students a sense of real time applications that might benefit from compressive sensing ideas

UNIT I INTRODUCTION TO COMPRESSED SENSING 9

Introduction; Motivation; Mathematical Background; Traditional Sampling; Traditional Compression; Conventional Data Acquisition System; Drawbacks of Transform coding; Compressed Sensing (CS).

UNIT II SPARSITY AND SIGNAL RECOVERY 9

Signal Representation; Basis vectors; Sensing matrices; Restricted Isometric Property; Coherence; Stable recovery; Number of measurements.

UNIT III RECOVERY ALGORITHMS 9

Basis Pursuit algorithm: L1 minimization; Matching pursuit: Orthogonal Matching Pursuit(OMP), Stagewise OMP, Regularized OMP, Compressive Sampling Matching Pursuit (CoSaMP); Iterative Thresholding algorithm: Hard thresholding, Soft thresholding; Model based : Model based CoSaMP, Model based HIT.

UNIT IV COMPRESSIVE SENSING FOR WSN 9

Basics of WSN; Wireless Sensor without Compressive Sensing; Wireless Sensor with Compressive Sensing; Compressive Wireless Sensing: Spatial compression in WSNs, Projections in WSNs, Compressed Sensing in WSNs.

UNIT V APPLICATIONS OF COMPRESSIVE SENSING 9

Compressed Sensing for Real-Time Energy-Efficient Compression on Wireless Body Sensor Nodes; Compressive sensing in video surveillance; An Application of Compressive Sensing for Image Fusion; Single-Pixel Imaging via Compressive Sampling.

TOTAL:45 PERIODS

OUTCOMES:

At the end of the course, the student should be able to:

- Appreciate the motivation and the necessity for compressed sensing technology.
- Design a new algorithm or modify an existing algorithm for different application areas in wireless sensor network.

TEXT BOOKS:

1. Radha S, Hemalatha R, Aasha Nandhini S, "Compressive Sensing for Wireless Communication: Challenges and Opportunities", River publication, 2016. (UNIT I-V)

2. Mark A. Davenport, Marco F. Duarte, Yonina C. Eldar and Gitta Kutyniok, "Introduction to Compressed Sensing," in Compressed Sensing: Theory and Applications, Y. Eldar and G. Kutyniok, eds., Cambridge University Press, 2011 (UNIT I)

REFERENCES:

1. Duarte, M.F.; Davenport, M.A.; Takhar, D.; Laska, J.N.; Ting Sun; Kelly, K.F.; Baraniuk, R.G.; , "Single-Pixel Imaging via Compressive Sampling," Signal Processing Magazine, IEEE, vol.25, no.2, pp.83-91, March 2008.
2. Tao Wan.; Zengchang Qin.; , "An application of compressive sensing for image fusion", CIVR '10 Proceedings of the ACM International Conference on Image and Video Retrieval, Pages 3-9.
3. H. Mamaghanian , N. Khaled , D. Atienza and P. Vandergheynst "Compressed sensing for real-time energy-efficient ecg compression on wireless body sensor nodes", IEEE Trans. Biomed. Eng., vol. 58, no. 9, pp.2456 -2466 2011.
4. Mohammadreza Balouchestani.; Kaamran Raahemifar.; and Sridhar Krishnan., "COMPRESSED SENSING IN WIRELESS SENSOR NETWORKS: SURVEY" , Canadian Journal on Multimedia and Wireless Networks Vol. 2, No. 1, February 2011.

EC8093

DIGITAL IMAGE PROCESSING

L T P C
3 0 0 3

OBJECTIVES:

- To become familiar with digital image fundamentals
- To get exposed to simple image enhancement techniques in Spatial and Frequency domain.
- To learn concepts of degradation function and restoration techniques.
- To study the image segmentation and representation techniques.
- To become familiar with image compression and recognition methods

UNIT I DIGITAL IMAGE FUNDAMENTALS 9

Steps in Digital Image Processing – Components – Elements of Visual Perception – Image Sensing and Acquisition – Image Sampling and Quantization – Relationships between pixels - Color image fundamentals - RGB, HSI models, Two-dimensional mathematical preliminaries, 2D transforms - DFT, DCT.

UNIT II IMAGE ENHANCEMENT 9

Spatial Domain: Gray level transformations – Histogram processing – Basics of Spatial Filtering– Smoothing and Sharpening Spatial Filtering, Frequency Domain: Introduction to Fourier Transform– Smoothing and Sharpening frequency domain filters – Ideal, Butterworth and Gaussian filters, Homomorphic filtering, Color image enhancement.

UNIT III IMAGE RESTORATION 9

Image Restoration - degradation model, Properties, Noise models – Mean Filters – Order Statistics – Adaptive filters – Band reject Filters – Band pass Filters – Notch Filters – Optimum Notch Filtering – Inverse Filtering – Wiener filtering

UNIT IV IMAGE SEGMENTATION 9

Edge detection, Edge linking via Hough transform – Thresholding - Region based segmentation – Region growing – Region splitting and merging – Morphological processing- erosion and dilation, Segmentation by morphological watersheds – basic concepts – Dam construction – Watershed segmentation algorithm.

UNIT V IMAGE COMPRESSION AND RECOGNITION**9**

Need for data compression, Huffman, Run Length Encoding, Shift codes, Arithmetic coding, JPEG standard, MPEG. Boundary representation, Boundary description, Fourier Descriptor, Regional Descriptors – Topological feature, Texture - Patterns and Pattern classes - Recognition based on matching.

TOTAL :45 PERIODS**OUTCOMES:****At the end of the course, the students should be able to:**

- Know and understand the basics and fundamentals of digital image processing, such as digitization, sampling, quantization, and 2D-transforms.
- Operate on images using the techniques of smoothing, sharpening and enhancement.
- Understand the restoration concepts and filtering techniques.
- Learn the basics of segmentation, features extraction, compression and recognition methods for color models.

TEXT BOOKS:

1. Rafael C. Gonzalez, Richard E. Woods, 'Digital Image Processing', Pearson, Third Edition, 2010.
2. Anil K. Jain, 'Fundamentals of Digital Image Processing', Pearson, 2002.

REFERENCES

1. Kenneth R. Castleman, 'Digital Image Processing', Pearson, 2006.
2. Rafael C. Gonzalez, Richard E. Woods, Steven Eddins, 'Digital Image Processing using MATLAB', Pearson Education, Inc., 2011.
3. D.E. Dudgeon and RM. Mersereau, 'Multidimensional Digital Signal Processing', Prentice Hall Professional Technical Reference, 1990.
4. William K. Pratt, 'Digital Image Processing', John Wiley, New York, 2002
5. Milan Sonka et al 'Image processing, analysis and machine vision', Brookes/Cole, Vikas Publishing House, 2nd edition, 1999.

GE8076**PROFESSIONAL ETHICS IN ENGINEERING****LT P C****3 0 0 3****OBJECTIVE:**

- To enable the students to create an awareness on Engineering Ethics and Human Values, to instill Moral and Social Values and Loyalty and to appreciate the rights of others.

UNIT I HUMAN VALUES**10**

Morals, values and Ethics – Integrity – Work ethic – Service learning – Civic virtue – Respect for others – Living peacefully – Caring – Sharing – Honesty – Courage – Valuing time – Cooperation – Commitment – Empathy – Self confidence – Character – Spirituality – Introduction to Yoga and meditation for professional excellence and stress management.

OUTCOMES:

- Upon completion of the course, the student should be able to apply ethics in society, discuss the ethical issues related to engineering and realize the responsibilities and rights in the society.

TEXT BOOKS:

1. Mike W. Martin and Roland Schinzinger, "Ethics in Engineering", Tata McGraw Hill, New Delhi, 2003.
2. Govindarajan M, Natarajan S, Senthil Kumar V. S, "Engineering Ethics", Prentice Hall of India, New Delhi, 2004.

REFERENCES:

1. Charles B. Fleddermann, "Engineering Ethics", Pearson Prentice Hall, New Jersey, 2004.
2. Charles E. Harris, Michael S. Pritchard and Michael J. Rabins, "Engineering Ethics – Concepts and Cases", Cengage Learning, 2009.
3. John R Boatright, "Ethics and the Conduct of Business", Pearson Education, New Delhi, 2003
4. Edmund G Seebauer and Robert L Barry, "Fundamentals of Ethics for Scientists and Engineers", Oxford University Press, Oxford, 2001.
5. Laura P. Hartman and Joe Desjardins, "Business Ethics: Decision Making for Personal Integrity and Social Responsibility" Mc Graw Hill education, India Pvt. Ltd., New Delhi, 2013.
6. World Community Service Centre, ' Value Education', Vethathiri publications, Erode, 2011.

Web sources:

1. www.onlineethics.org
2. www.nspe.org
3. www.globalethics.org
4. www.ethics.org

EC8010

VIDEO ANALYTICS

L	T	P	C
3	0	0	3

OBJECTIVES:

The student should be made:

- To understand the need for video Analytics
- To understand the basic configuration of video analytics
- To understand the functional blocks of a video analytic system
- To get exposed to the various applications of video analytics

UNIT I VIDEO ANALYTIC COMPONENTS 9

Need for Video Analytics-Overview of video Analytics- Foreground extraction- Feature extraction-classifier - Preprocessing- edge detection- smoothening- Feature space-PCA-FLD-SIFT features

UNIT II FOREGROUND EXTRACTION 9

Background estimation- Averaging- Gaussian Mixture Model- Optical Flow based- Image Segmentation- Region growing- Region splitting-Morphological operations- erosion-Dilation-Tracking in a multiple camera environment

UNIT III CLASSIFIERS 9

Neural networks (back propagation) - Deep learning networks- Fuzzy Classifier- Bayesian classifier-HMM based classifier

UNIT IV VIDEO ANALYTICS FOR SECURITY 9

Abandoned object detection- human behavioral analysis -human action recognition- perimeter security- crowd analysis and prediction of crowd congestion

UNIT V VIDEO ANALYTICS FOR BUSINESS INTELLIGENCE & TRAFFIC MONITORING AND ASSISTANCE 9

Customer behavior analysis - people counting- Traffic rule violation detection- traffic congestion identification for route planning- driver assistance- lane change warning

TOTAL :45 PERIODS

OUTCOMES:

At the end of the course, the student should be able to:

- Design video analytic algorithms for security applications
- Design video analytic algorithms for business intelligence
- Design custom made video analytics system for the given target application

REFERENCES:

1. Graeme A. Jones (Editor), Nikos Paragios (Editor), Carlo S. Regazzoni (Editor) Video-Based Surveillance Systems: Computer Vision and Distributed Processing , Kluwer academic publisher, 2001
2. Nilanjan Dey (Editor), Amira Ashour (Editor) and Suvojit Acharjee (Editor), Applied Video Processing in Surveillance and Monitoring Systems (IGI global) 2016
3. Zhihao Chen (Author), Ye Yang (Author), Jingyu Xue (Author), Liping Ye (Author), Feng Guo (Author), The Next Generation of Video Surveillance and Video Analytics: The Unified Intelligent Video Analytics Suite, CreateSpace Independent Publishing Platform, 2014
4. Caifeng Shan (Editor), Fatih Porikli (Editor), Tao Xiang (Editor), Shaogang Gong (Editor) Video Analytics for Business Intelligence, Springer, 2012

EC8011	DSP PROCESSOR ARCHITECTURE AND PROGRAMMING	L	T	P	C
		3	0	0	3

OBJECTIVES:

The objective of this course is to provide knowledge on:

UNIT III TMS320C6X PROCESSOR 9

Architecture of the C6x Processor - Instruction Set – Addressing modes, Assembler directives, On-chip peripherals, DSP Development System: DSP Starter Kit - Code Composer Studio - Support Files – Introduction to AIC23 codec and other on-board peripherals, Real-Time Programming Examples for Signals and Noise generation, Frequency analysis, Filter design.

UNIT IV ADSP PROCESSORS 9

Architecture of ADSP-21XX and ADSP-210XX series of DSP processors- Addressing modes and assembly language instructions – Application programs –Filter design, FFT calculation.

UNIT V ADVANCED PROCESSORS 9

Study of TI's advanced processors - TMS320C674x and TMS320C55x DSPs, ADSP's Blackfin and SigmaDSP Processors, NXP's DSP56Fxx Family of DSP Processors, Comparison of the features of TI, ADSP and NXP DSP family processors.

TOTAL: 45 PERIODS

OUTCOMES:

At the end of the course, the student should be able to:

- Analyze the concepts of Digital Signal Processors
- Demonstrate their ability to program the DSP processor for signal processing applications
- Discuss, compare and select the suitable Advanced DSP Processors for real-time signal processing applications

REFERENCES:

1. B. Venkataramani and M. Bhaskar, "Digital Signal Processors – Architecture, Programming and Applications" – Tata McGraw – Hill Publishing Company Limited. New Delhi, 2003.
2. Avtar Singh and S. Srinivasan, Digital Signal Processing – Implementations using DSP Microprocessors with Examples from TMS320C54xx, Cengage Learning India Private Limited, Delhi 2012.
3. Rulph Chassaing and Donald Reay, Digital Signal Processing and Applications with the C6713 and C6416 DSK, John Wiley & Sons, Inc., Publication, 2012 (Reprint).
4. User guides Texas Instruments, Analog Devices and NXP.

EC8094

SATELLITE COMMUNICATION

L	T	P	C
3	0	0	3

OBJECTIVES:

The student should be made to:

- Understand the basics of satellite orbits
- Understand the satellite segment and earth segment
- Analyze the various methods of satellite access
- Understand the applications of satellites
- Understand the basics of satellite Networks

UNIT I

SATELLITE ORBITS

9

Kepler's Laws, Newton's law, orbital parameters, orbital perturbations, station keeping, geo stationary and non Geo-stationary orbits – Look Angle Determination- Limits of visibility – eclipse-Sub satellite point –Sun transit outage-Launching Procedures - launch vehicles and propulsion.

Systems Engineering”, Prentice Hall/Pearson, 2007.

2. N.Agarwal, “Design of Geosynchronous Space Craft”, Prentice Hall, 1986.
3. Bruce R. Elbert, “The Satellite Communication Applications”, Hand Book, Artech House Boston London, 1997.
4. Tri T. Ha, “Digital Satellite Communication”, II nd edition, 1990.
5. Emanuel Fthenakis, “Manual of Satellite Communications”, Mc Graw Hill Book Co., 1984.
6. Robert G. Winch, “Telecommunication Trans Mission Systems”, Mc Graw-Hill Book Co., 1983.
7. Brian Ackroyd, “World Satellite Communication and earth station Design”, BSP professional Books, 1990.
8. G.B.Bleazard, “Introducing Satellite communications“, NCC Publication, 1985.
9. M.Richharia, “Satellite Communication Systems-Design Principles”, Macmillan 2003.

CS8086

SOFT COMPUTING

L T P C

3 0 0 3

OBJECTIVES:

- To learn the basic concepts of Soft Computing
- To become familiar with various techniques like neural networks, genetic algorithms and fuzzy systems.
- To apply soft computing techniques to solve problems.

UNIT I INTRODUCTION TO SOFT COMPUTING 9

Introduction-Artificial Intelligence-Artificial Neural Networks-Fuzzy Systems-Genetic Algorithm and Evolutionary Programming-Swarm Intelligent Systems-Classification of ANNs-McCulloch and Pitts Neuron Model-Learning Rules: Hebbian and Delta- Perceptron Network-Adaline Network-Madaline Network.

UNIT II ARTIFICIAL NEURAL NETWORKS 9

Back propagation Neural Networks - Kohonen Neural Network -Learning Vector Quantization -Hamming Neural Network - Hopfield Neural Network- Bi-directional Associative Memory -Adaptive Resonance Theory Neural Networks- Support Vector Machines - Spike Neuron Models.

UNIT III FUZZY SYSTEMS 9

Introduction to Fuzzy Logic, Classical Sets and Fuzzy Sets - Classical Relations and Fuzzy Relations -Membership Functions -Defuzzification - Fuzzy Arithmetic and Fuzzy Measures - Fuzzy Rule Base and Approximate Reasoning - Introduction to Fuzzy Decision Making.

UNIT IV GENETIC ALGORITHMS 9

Basic Concepts- Working Principles -Encoding- Fitness Function - Reproduction - Inheritance Operators - Cross Over - Inversion and Deletion -Mutation Operator - Bit-wise Operators -Convergence of Genetic Algorithm.

UNIT V HYBRID SYSTEMS 9

Hybrid Systems -Neural Networks, Fuzzy Logic and Genetic -GA Based Weight Determination - LR-Type Fuzzy Numbers - Fuzzy Neuron - Fuzzy BP Architecture - Learning in Fuzzy BP- Inference by Fuzzy BP - Fuzzy ArtMap: A Brief Introduction - Soft Computing Tools - GA in Fuzzy Logic Controller Design - Fuzzy Logic Controller

TOTAL : 45 PERIODS

OUTCOMES:

Upon completion of this course, the students should be able to

- Apply suitable soft computing techniques for various applications.
- Integrate various soft computing techniques for complex problems.

TEXT BOOKS:

1. N.P.Padhy, S.P.Simon, "Soft Computing with MATLAB Programming", Oxford University Press, 2015.
2. S.N.Sivanandam , S.N.Deepa, "Principles of Soft Computing", Wiley India Pvt.Ltd., 2nd Edition, 2011.
3. S.Rajasekaran, G.A.Vijayalakshmi Pai, "Neural Networks, Fuzzy Logic and Genetic Algorithm, Synthesis and Applications ", PHI Learning Pvt.Ltd., 2017.

REFERENCES:

1. Jyh-Shing Roger Jang, Chuen-Tsai Sun, Eiji Mizutani, "Neuro-Fuzzy and Soft Computing", Prentice-Hall of India, 2002.

2. Kwang H.Lee, "First course on Fuzzy Theory and Applications", Springer, 2005.
3. George J. Klir and Bo Yuan, "Fuzzy Sets and Fuzzy Logic-Theory and Applications", Prentice Hall, 1996.
4. James A. Freeman and David M. Skapura, "Neural Networks Algorithms, Applications, and Programming Techniques", Addison Wesley, 2003.

IT8006

PRINCIPLES OF SPEECH PROCESSING

L	T	P	C
3	0	0	3

OBJECTIVES:

The student should be made:

- To understand the speech production mechanism and the various speech analysis techniques and speech models
- To understand the speech compression techniques
- To understand the speech recognition techniques
- To know the speaker recognition and text to speech synthesis techniques

UNIT I SPEECH SIGNAL CHARACTERISTICS & ANALYSIS 11

Speech production process - speech sounds and features- - Phonetic Representation of Speech -- representing= speech in time and frequency domains - Short-Time Analysis of Speech - Short-Time Energy and Zero-Crossing Rate - Short-Time Autocorrelation Function - Short-Time Fourier Transform (STFT) - Speech Spectrum - Cepstrum - Mel-Frequency Cepstrum Coefficients - Hearing and Auditory Perception - Perception of Loudness - Critical Bands - Pitch Perception

UNIT II SPEECH COMPRESSION 12

Sampling and Quantization of Speech (PCM) - Adaptive differential PCM - Delta Modulation - Vector Quantization- Linear predictive coding (LPC) - Code excited Linear predictive Coding (CELP)

UNIT III SPEECH RECOGNITION 12

LPC for speech recognition- Hidden Markov Model (HMM)- training procedure for HMM- subword unit model based on HMM- language models for large vocabulary speech recognition - Overall recognition system based on subword units - Context dependent subword units- Semantic post processor for speech recognition

2. Ben Gold and Nelson Morgan "Speech and Audio signal processing- processing and perception of speech and music", John Wiley and sons 2006

REFERENCES

1. Lawrence Rabiner, Bliing and– Hwang Juang and B.Yegnanarayana "Fundamentals of Speech Recognition", Pearson Education, 2009
2. Claudio Becchetti and Lucio Prina Ricotti, "Speech Recognition", John Wiley and Sons, 1999
3. Donglos O shanhnessy "Speech Communication: Human and Machine ", 2nd Ed. University press 2001.

GE8073

FUNDAMENTALS OF NANOSCIENCE

L T P C

3 0 0 3

OBJECTIVE:

To learn about basis of nanomaterial science, preparation method, types and application

UNIT I INTRODUCTION

8

Nanoscale Science and Technology- Implications for Physics, Chemistry, Biology and Engineering-Classifications of nanostructured materials- nano particles- quantum dots, nanowires-ultra-thin films-multilayered materials. Length Scales involved and effect on properties: Mechanical, Electronic, Optical, Magnetic and Thermal properties. Introduction to properties and motivation for study (qualitative only).

UNIT II GENERAL METHODS OF PREPARATION

9

Bottom-up Synthesis-Top-down Approach: Co-Precipitation, Ultrasonication, Mechanical Milling, Colloidal routes, Self-assembly, Vapour phase deposition, MOCVD, Sputtering, Evaporation, Molecular Beam Epitaxy, Atomic Layer Epitaxy, MOMBE.

UNIT III NANOMATERIALS

12

Nanoforms of Carbon - Buckminster fullerene- graphene and carbon nanotube, Single wall carbon Nanotubes (SWCNT) and Multi wall carbon nanotubes (MWCNT)- methods of synthesis(arc-growth, laser ablation, CVD routes, Plasma CVD), structure-property Relationships applications- Nanometal oxides-ZnO, TiO₂,MgO, ZrO₂, NiO, Nano alumina, CaO, AgTiO₂, Ferrites, Nano clays-functionalization and applications-Quantum wires, Quantum dots-preparation, properties and applications.

UNIT IV CHARACTERIZATION TECHNIQUES 9

X-ray diffraction technique, Scanning Electron Microscopy - environmental techniques, Transmission Electron Microscopy including high-resolution imaging, Surface Analysis techniques- AFM, SPM, STM, SNOM, ESCA, SIMS-Nanoindentation.

UNIT V APPLICATIONS 7

Nano InfoTech: Information storage- Nano computer, molecular switch, super chip, nanocrystal, Nano biotechnology: nanoprobes in medical diagnostics and biotechnology, Nano medicines, Targeted drug delivery, Bioimaging - Micro Electro Mechanical Systems (MEMS), Nano Electro Mechanical Systems (NEMS)- Nano sensors, nano crystalline silver for bacterial inhibition, Nanoparticles for sun barrier products - In Photostat, printing, solar cell, battery.

TOTAL : 45 PERIODS

OUTCOMES:

- Will familiarize about the science of nanomaterials
- Will demonstrate the preparation of nanomaterials
- Will develop knowledge in characteristic nanomaterial

TEXT BOOKS:

1. A.S. Edelstein and R.C. Cammearata, eds., "Nanomaterials: Synthesis, Properties and Applications", Institute of Physics Publishing, Bristol and Philadelphia, 1996.
2. N John Dinardo, "Nanoscale Characterization of surfaces & Interfaces", 2nd edition, Weinheim Cambridge, Wiley-VCH, 2000.

REFERENCES:

1. G Timp, "Nanotechnology", AIP press/Springer, 1999.
2. Akhlesh Lakhtakia, "The Hand Book of Nano Technology, Nanometer Structure, Theory, Modeling and Simulations". Prentice-Hall of India (P) Ltd, New Delhi, 2007.

Department of Electrical and Electronics Engineering

Programmes

- Name of Programmes approved by AICTE: **Electrical and Electronics Engineering**
- Name of Programmes Accredited by NBA: Electrical and Electronics Engineering
- Status of Accreditation of the Courses: Active
 - Total number of Courses: 6+1
 - No. of Courses for which applied for Accreditation: 5
 - Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved for . . . Courses (specify the number of courses): 5
- For each Programme the following details are to be given (Preferably in Tabular form):
 - Name: **Electrical and Electronics Engineering**

Item	2021- 2022	2020- 2021	2019- 2020	2018- 2019
Sanctioned intake of the program (N)	60	60	60	120
Total number of students admitted in first year minus number of students migrated from other programs/ institutions plus number of students migrated to this program	62	48	48	30
Number of students admitted in 2 nd year in the same batch via lateral entry (N2)	-	4	1	4
Separate division students, if applicable (N3)	-	-	-	-
Total number of students admitted in the Program (N1 + N2 + N3)	62	52	49	34

- Cut off marks/rank of admission during the last three years

State/University Level Entrance Examination /Others		2020- 2021	2019- 2020	2018- 2019
DOTE/ CONSORTIUM	No. of Students admitted	48	48	30
	Opening Score/Rank	77	90.67	92.67
	Closing Score/Rank	43	47	55.50
LATERAL ENTRY	No. of Students admitted	4	1	4
	Opening Score/Rank	84	74	86.3
	Closing Score/Rank	78	-	68
Average CBSE Result of admitted students (Physics, , Chemistry & Maths)	-	192.3	197.18	226

- Fee (as approved by the state government):- RS.55,000/-

- **Placement Facilities(Placement cell)**

i) Placement and training Cell has trained the students in soft skills and the core company requirement needs.

ii) AMCAT training and exams are being conducted for second, third and final year students are getting placement through AMCAT also

iii) Sixphrase and Ethanus are providing special coaching at the beginning of every semester.

iv) Special classes for foreign languages like: Japanese, German, etc., were conducted to initiate the awareness and importance of other world languages .Foreign languages club has actively involved to impart the knowledge to the interested students

v) IEDC has inculcated the entrepreneurship skills to all the students

vi) An overall of 110 companies recruited the students in various domains

vii) Conducted a greater number of Seminars/ Webinars to encourage the students to do their higher studies in reputed colleges / Universities.

viii) GRE / TOEFL classes are conducted in the college campus by the Training and Placement Cell.

ix) PRERANA program were conducted for GATE coaching

- Campus placement in last three years with minimum salary ,maximum salary and average salary(Placement cell)

Year	Total students	Placed students	Percentage%	Minimum salary	Maximum salary	Average Salary
2020-2021	90	77	85			
2019-2020	72	60	83.33			
2018-2019	112	79	70.53			

- Name and duration of Programme(s)having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details:

NIL

- Details of the Foreign University
- Name of the University
- Address
- Website
- Accreditation status of the University in its Home Country
- Ranking of the University in the Home Country
- Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for

students in terms of pursuit of higher studies in India and abroad and job both within and outside the country

- Nature of Collaboration
- Conditions of Collaboration
- Complete details of payment a student has to make to get the full benefit of Collaboration
- For each Programme Collaborated provide the following:
 - Programme Focus
 - Number of seats
 - Admission Procedure
 - Fee (as approved by the state government)
 - Placement Facility
 - Placement Records for last three years with minimum salary, maximum salary and average salary
 - Whether the Collaboration Programme is approved by AICTE? If not whether the
 - Domestic / Foreign University has applied to AICTE for approval

2. Faculty

- Course/Branch wise list Faculty members:
 - Permanent Faculty: 17
 - Adjunct Faculty : NIL
 - Permanent Faculty: Student Ratio:16

Year	2021-2022	2020-2021	2019-2020
UG Total Intake	249	307	368
Number of Students in the Department (S)	135	173	199
Number of Faculty in the Department (F)	17	19	23

Student Faculty ratio(SFR)	15	16	16
Average SFR	16		

- Number of Faculty employed and left during the last three years: 4

LIST OF FACULTY 2021-2022							
S. No	Name of the Faculty	PAN No	Qualification	DOJ	Designation	Date on which designated as Professor/ Associate Professor	Currently Associated (Y/N) Date of Leaving (In case currently associated NO)
1	Dr. G.PRAKASH	AUKPP2487L	Ph.D	02.06.2010	Professor	06.07.2020	Y
2	Dr.M.JAGADEESH KUMAR	AKOPJ8454H	Ph.D	25.01.2016	Professor	25.01.2016	Y
3	Mr.A.ANBZHAGAN	AKNPA1271E	M.Tech	21.06.2008	Associate professor	01.06.2017	Y
4	Dr.T.MUTHAMIZHAN	APMPM6292H	Ph.D	16.06.2017	Associate professor	16.06.2017	Y
5	Ms.E.MAHESWARI	BCKPM5526Q	M.E	03.03.2010	Associate professor	02.01.2016	Y
6	Mr.M.VEERASUNDARAM	AJZPM7034J	M.E	13.07.2011	Associate professor	01.06.2017	Y
7	Ms.A.SASIKALA	DFRPS0972G	M.Tech	01.06.2009	Assistant Professor		Y

8	Dr.S.SIVARAJESWARI	CXIPS4714G	Ph.D	01.06.2012	Associate professor		Y
9	Ms.N.SHANTHI	CCLPS2450R	M.E	06.12.2010	Assistant Professor		Y
10	Mr.DHANASEKAR	ARDPR8228H	M.E	08.06.2011	Assistant Professor		Y
11	Mr P.RATHNAVEL	ATYPR5972M	M.E	19.06.2012	Assistant Professor		Y
12	Mr L.VIJAYARAJA	AGLPV2618N	M.Tech	21.06.2012	Assistant Professor		Y
13	Ms K.REKHA	BLZPR8328H	M.E	02.01.2013	Assistant Professor		Y
14	Ms T.THENMOZHI	ALNPT7764N	M.E	06.12.2013	Assistant Professor		Y
15	Ms R.ANITHA	BFTPA1410B	M.E	16.06.2014	Assistant Professor		Y
16	Ms G.EZHILARASI	ABAPE1323K	M.Tech	03.06.2010	Assistant Professor		Y
17	Ms R.KIRUTHIGA	BPLPR9165E	M.Tech	27.06.2011	Assistant Professor		Y

LIST OF FACULTY 2020-2021

S. No	Name of the Faculty	PAN No	Qualificatio	DOJ	Designation	Date on which designated as Professor/ Associate Professor	Currently Associated (Y/N) Date of Leaving (In case currently associated NO)
1	Dr. G.PRAKASH	AUKPP2487L	Ph.D	02.06.2010	Professor	06.07.2020	Y
2	Dr.M.JAGADEESH KUMAR	AKOPJ8454H	Ph.D	25.01.2016	Professor	25.01.2016	Y
3	Mr.A.ANBAZHAGAN	AKNPA1271E	M.Tech	21.06.2008	Associate professor	01.06.2017	Y
4	Dr.T.MUTHAMIZHAN	APMPM6292H	Ph.D	16.06.2017	Associate professor	16.06.2017	Y
5	Ms.E.MAHESWARI	BCKPM5526Q	M.E	03.03.2010	Associate professor	02.01.2016	Y
6	Mr.M.VEERASUNDARAM	AJZPM7034J	M.E	13.07.2011	Associate professor		Y

						01.06.2017	
7	Ms.A.SASIKALA	DFRPS0972G	M.Tech	01.06.2009	Assistant Professor		Y
8	Dr.S.SIVARAJESWARI	CXIPS4714G	Ph.D	01.06.2012	Associate professor		Y
9	Ms.N.SHANTHI	CCLPS2450R	M.E	06.12.2010	Assistant Professor		Y
10	Mr.DHANASEKAR	ARDPR8228H	M.E	08.06.2011	Assistant Professor		Y
11	Mr P.RATHNAVEL	ATYPR5972M	M.E	19.06.2012	Assistant Professor		Y
12	Mr L.VIJAYARAJA	AGLPV2618N	M.Tech	21.06.2012	Assistant Professor		Y
13	Ms K.REKHA	BLZPR8328H	M.E	02.01.2013	Assistant Professor		Y
14	Mr.S.SURENDERANATH	CLBP S622 9K	M.E	10.06.2013	Assistant Professor		Y
15	Ms T.THENMOZHI	ALNPT7764N	M.E	06.12.2013	Assistant Professor		Y
16	Ms R.ANITHA	BFTPA1410B	M.E	16.06.2014	Assistant Professor		Y
17	Ms G.EZHILARASI	ABAPE1323K	M.Tech	03.06.2010	Assistant Professor		Y
18	Ms M.RAZMAH	BAFPR4561M	M.E	01.06.2011	Assistant Professor		Y
19	Ms R.KIRUTHIGA	BPLPR9165E	M.Tech	27.06.2011	Assistant Professor		Y

LIST OF FACULTY 2019-2020

S. No	Name of the Faculty	PAN No	Qualificatio	DOJ	Designation	Date on which designated as Professor/ Associate Professor	Currently Associated (Y/N) Date of Leaving (In case currently associated NO)
1	Dr. G.PRAKASH	AUKPP2487L	Ph.D	02.06.2010	Professor	06.07.2020	Y
2	Dr.M.JAGADEESH KUMAR	AKOPJ8454H	Ph.D	25.01.2016	Professor	25.01.2016	Y
3	Mr.A.ANBZHAGAN	AKNPA1271E	M.Tech	21.06.2008	Associate professor	01.06.2017	Y

4	Dr.T.MUTHAMIZHAN	APMPM6292H	Ph.D	16.06.2017	Associate professor	16.06.2017	Y
5	Ms.E.MAHESWARI	BCKPM5526Q	M.E	03.03.2010	Associate professor	02.01.2016	Y
6	Mr.M.VEERASUNDARAM	AJZPM7034J	M.E	13.07.2011	Associate professor	01.06.2017	Y
7	Ms.A.SASIKALA	DFRPS0972G	M.Tech	01.06.2009	Assistant Professor		Y
8	Ms.S.SIVARAJESWARI	CXIPS4714G	Ph.D	01.06.2012	Assistant Professor		Y
9	Ms.N.SHANTHI	CCLPS2450R	M.E	06.12.2010	Assistant Professor		Y
10	Mr.DHANASEKAR	ARDPR8228H	M.E	08.06.2011	Assistant Professor		Y
11	Mr P.RATHNAVEL	ATYPR5972M	M.E	19.06.2012	Assistant Professor		Y
12	Mr L.VIJAYARAJA	AGLPV2618N	M.Tech	21.06.2012	Assistant Professor		Y
13	Ms K.REKHA	BLZPR8328H	M.E	02.01.2013	Assistant Professor		Y
14	Mr.S.SURENDERANATH	CLBP S622 9K	M.E	10.06.2013	Assistant Professor		Y
15	Ms T.THENMOZHI	ALNPT7764N	M.E	06.12.2013	Assistant Professor		Y
16	Ms R.ANITHA	BFTPA1410B	M.E	16.06.2014	Assistant Professor		Y
17	Ms G.EZHILARASI	ABAPE1323K	M.Tech	03.06.2010	Assistant Professor		Y
18	Ms M.RAZMAH	BAFPR4561M	M.E	01.06.2011	Assistant Professor		Y
19	Ms R.KIRUTHIGA	BPLPR9165E	M.Tech	27.06.2011	Assistant Professor		Y
20	Ms.S.KOMALACHITRA	BFAPK8541L	M.E	1.06.2012	Associate professor	02.01.2016	Y
21	Ms.P.KARTHIKA	BUXPK8263K	M.E	02.12.2010	Assistant Professor		Y
22	Ms.T.SRIDEVI	FEHPS2843D	M.E	10.06.2013	Assistant Professor		Y
23	Ms.P.SHEEBA GRACE	FEYPS0117D	M.E	1.11.2017	Assistant Professor		Y

3. Profile of Vice Chancellor/ Director/ Principal/Faculty(Attached

Annexure I-Faculty Profile)

File Attached-

- For each Faculty give a page covering with Passport size photograph
- Name
- Date of Birth
- Unique ID
- Education Qualifications
- **Work Experience**
 - Teaching
 - Research
 - Industry
 - others
- Area of Specialization
- Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma level
- **Research guidance(Number of Students)**
 - No. of papers published in National/ International Journals/ Conferences
 - Master (Completed/Ongoing)
 - Ph.D. (Completed/Ongoing)
- Projects Carried out
- Patents (Filed & Granted)
- Technology Transfer
- Research Publications (No.of papers published in National/International Journals/Conferences)
- No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)

9. Computing Facilities(EEE)

- Internet Bandwidth :155Mbps (1:1)
- Number and configuration of System :36,DELL ,RAM 4GB
- Total number of system connected by LAN :36
- Total number of system connected by WAN:36

Major software packages available: **MiPower(10 user)**,MATLAB

- Special purpose facilities available (Conduct of online :Meetings/Webinars/Workshops, etc.) :

All departments have dedicated seminar halls.

Two Auditoriums- Sigma & Leo Muthu indoor auditoriums with state-of-the-art facilities to carry out extra-curricular activities

More than 20 MOUs are signed to bridge the gap between industry and academia for effective teaching-learning

Other facilities:Indoor Video hall -VRR hall.

Various clubs offer a mixture of technical and non-technical activities to develop the organizational skills of the students.

Landscape Gardens: SIT is bestowed with lush green campus and many decorative plants and trees are part of the landscape gardens spread across the college.

- **Facilities for conduct of classes/courses in online mode (Theory & Practical)**

1. Online MOOC courses through Swayam are made available to students. Online NPTEL-FDP courses through Swayam are made available to faculty members.
2. Each classroom is designed and maintained as per AICTE norms with respect to carpet area, lighting, ventilation, furniture, etc. to have a conducive ambience.
3. Modern laboratories are established to conduct regular practical classes.
4. All departments have classrooms with projector facilities.
5. The entire campus is Wi-Fi enabled. Classrooms are spacious and airy for any kind of interaction among the students for group discussion, debate.
6. LAN Connections are available for all the staff tables.
7. College has provided LENOVO TAB for all the staff members to take the online class
8. Google classroom are created for each class, for uploading notes the notes
9. Online materials are created by the staff members and uploaded in Google class room for student reference

B. Laboratories

1. Each laboratory/workshop with the appropriate layout is designed and maintained as per AICTE norms with respect to carpet area, lighting, ventilation, and furniture & fixture.
2. Every lab has a lab instructor/ technical assistant, who provides constant support and ensures maintenance of the laboratories.
3. Laboratories are well equipped with an adequate number of experimental set-ups, computers & peripherals.
4. Special care is taken to ensure that the students conduct all the experiments as per the University syllabus. A few experiments beyond the curriculum are also conducted.
5. In addition, Innovation labs with appropriate equipment help the faculty members/students to carry out research & development activities to a great extent.
6. Virtual labs are implemented and Virtual Labs experiments have been developed and have been successfully deployed in the institute's own computing environment through PALS-NITK
7. Renewable Energy lab is used for the students to do their project work and faculty members for their research work

- **Innovation Cell**

Entrepreneurship and innovation development programs are conducted through innovation ambassador.

Students are motivated to participate to apply project in innovation cell

- **Social Media Cell**

Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments

- **Teaching Learning Process**

- Curricular and syllabus for each of the Programmes as approved by the University

(Attached Annexure II-Syllabus R-2017)

(Attached Annexure III-Syllabus R-2020)

- Academic Calendar of the University

- **Academic Time Table with the name of the Faculty members handling the Course**

(Attached Annexure IV-TIME TABLE)

- Teaching Load of each Faculty

Attached Annexure V-Teaching Load

- **Internal Continuous Evaluation System and place:**

The evaluation weight age for the theory courses is 40% for continuous assessment tests and 60% for the end-semester exam.

The evaluation weight age for the theory with laboratory courses is 50% for Continuous Assessment Tests and 50% for the End-Semester Exam.

The question paper pattern for the internal examinations have been standardized by the institution, similar to that of end semester question paper containing Part A, Part B and Part C questions as applicable.

Continuous Assessment I covers Unit I and II, Continuous assessment II covers Unit III and IV and Continuous assessment III covers the entire syllabus of a particular subject.

Faculties prepare 2 sets of question papers with regards to the Continuous assessment tests and give it to the exam cell, wherein the Head of the Institution select a question paper from the set and it is distributed to the students at the time of assessment.

Student marks are intimated to the students immediately after the completion of assessment and the same is communicated to their parents through posts.

The academic performance and attendance of the student are maintained and recorded in each department through Edumate Web portal.

The entire evaluation process is monitored by Exam Cell

- **Student's assessment of Faculty, System in place**

Qualitative feedback is obtained from students at the end of each semester.

This feedback is subject to a qualitative analysis on four major domains

- (1) Quality of the teaching learning
- (2) Opportunities for personal and professional growth
- (3) Fairness and transparency in evaluation
- (4) Infrastructural resources and
- (5) Culture and ambience of the college

Based on the feedback, several actions are then carried out.

- Any immediate remedial action needed is decided by the principal, academic coordinator, concerned teachers
- Strategic planning for the future semesters is also based on the feedback.
- The feedback about individual teachers is shared with them to help them identify their strengths and weaknesses

as perceived by the students.

- Teachers do a self-appraisal of their own professional development. The expert team then sits with each of them and helps

to mentor them, helping them identify one or two professional goals for the coming academic year. This is done cumulatively and helps teachers develop both personal and professional skills.

- Parental feedback is both quantitative as well as qualitative.

The feedback is analysed for the strengths and drawbacks.

The suggestions for improvement are taken into consideration for the following academic year during strategic planning.

- Feedback from the alumni is qualitative.

This feedback is also analysed for the strengths and drawbacks. The suggestions for improvement are taken into consideration for the following academic year during strategic planning.

- **For each Post Graduate Courses give the following: NIL**

- Title of the Course
- Curricula and Syllabi
- Laboratory facilities exclusive to the Post Graduate Course

- **Special Purpose**

- Software, all design tools in case
- Academic Calendar and framework

SYLLABUS

<https://sairamit.edu.in/curriculum-syllabus/>

Department of Electrical and Electronics Engineering

FACULTY PROFILE

Name : A.Anbazhagan
 Designation : Associate Professor
 DOB : 27.11.1973
 Unique ID (College ID) : IT08EE01
 Email : anbu.eee@sairamit.edu.in



Qualification :

UG	B.E./B.Tech/B.Sc. /B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	BE	NOV 2001	Madurai Kamaraj University	65	I
PG	M.E./M.Tech/M.Sc. /M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	ME	June 2004	VIT UNIVERSITY	82	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : Power Electronics

Research Interest : Power Electronics, Smart grid

Experience in years

17 Teaching 3. Pow E ctronics

Courses Taught in UG / PG Level:

No. of Workshop/Conferences/ 4 e l Worksh
 1. Power system Analysis
 2. T & D r e op

	Research		Industry	-	-	Others	
	Conferences				3		4
					FDP		
FDP organized No of Workshop/Conferences / FDP attended	Workshop	5	Conferences	1		FDP	10

Professional Membership	ISTE, IEL,IETE, IEEE		
Publications	No. of papers published in National Journals / Conferences :		
	No. of papers published in International Journals / Conferences:4		
	No. of Books published :NIL		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided:15 No.Of PG Students Guided: No.Of Ph.Ds Guided:NIL		
Research Funded Projects			
Patents	Filed:1 Granted:NIL		
Technology Transfer	-		
Achievements	Received the Best Faculty Advisor Award from Institution of Engineers India		
Any Other Information	Ph.D registered in Anna University and confirmation completed.		

:

Name : ANITHA.R

Designation : ASSISTANT PROFESSOR

DOB : 27.11.1989



Unique ID (College ID) : IT16EE02

Email : anitha.eee@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	April 2010	Anna University	73	First
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	June 2012	Anna University	8.06	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : Power Electronics and Drives

Research Interest : Power Electronics

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level :

1. Microprocessors and Microcontrollers
2. Special Electrical Machines
3. Embedded Systems

No. of Workshop/Conferences/ FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/ FDP Organized : Workshop Conferences FDP

Professional Membership	System Society of India(SSI), International Association of Engineers (IAENG)
Publications	No. of papers published in National Journals / Conferences: 2
	No. of papers published in International Journals / Conferences: 7

	No. of Books published: -		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: 8 No.Of PG Students Guided: 0 No. Of Ph. Ds Guided: -		
Research Funded Projects	NIL		
Patents	Filed: 1 Granted: 0		
Technology Transfer	-		
Achievements	Cash award for 100% result in Power Plant Engineering. Cash award for 100% result in Embedded Systems. She received DST Funded Project		
Any Other Information			

:

Name : **R.DHANASEKAR**



Designation : **ASSISTANT PROFESSOR**

DOB : 30.05.01983

Unique ID (College ID) : IT11EE01

Email : dhanasekar.eee@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	30.04.2004	MADURAI KAMARAJ UNIVERSITY	70.7	FIRST
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.E	30.05.02006	ANNA	77	FIRST
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : POWER ELECTRONICS AND DRIVES

Research Interest : SLIDING MODE CONTROL

Experience in years Teaching

Courses Taught in UG / PG Level:

1.ELECTROMAGNETIC THEORY

2.POWER ELECTRONICS

3.SOLID STATE DRIVES

No. of Workshop/Conferences/ FDP attended : Workshop

No. of Workshop/Conferences/ FDP Organized :

Workshop

Research Industry

Conferences

Conferences

Others

FDP

FDP

Professional Membership							
Publications	No. of papers published in National Journals / Conferences :						
	No. of papers published in International Journals / Conferences:12						
	No. of Books published :						
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication			
Name of the Book	ISBN No:	Year of Publication					
Research Guidance	No.Of UG Students Guided: No.Of PG Students Guided: No.OfPh.Ds Guided:						
Research Funded Projects							
Patents	Filed:3 Granted:						
Technology Transfer							
Achievements	Received award from SUVC Received award from DST-TEXAS INSTRUMENTS						

Any Other Information	
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 Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



Name : **Dr.S.SIVARAJESWARI**

Designation : **AssociateProfessor**

DOB : 04.10.1983

Unique ID(CollegeID) : IT12EE02

Email : siva.eee@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc. / B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	April 2005	ANNA UNIVERSITY	67	FIRST
PG	B.E/B.Tech/B.Sc. / B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	APRIL 2010	ANNA UNIVs	7.6	FIRST
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	18.6.2020	Electrical Engineering	Anna University		
SLET Marks	NET Marks	Date of Eligibility			

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Area of Specialization : Power System Engineering

Research Interest : Power Electronics

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level:

1. Energy Management and Auditing
2. Special Electrical Machines
3. Power System Analysis

No. of Workshop/Conferences/FDP Attended : Workshop Conferences FDP

No. of Workshop/Conferences/FDP Organized : Workshop Conferences FDP

Professional Membership	IEEE, ISTE		
Publications	No. of papers published in National Journals / Conferences: 2		
	No. of papers published in International Journals / Conferences: 5		
	No. of Books published: Nil		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No. Of UG Students Guided: 10 No. Of PG Students Guided: 0 No. Of Ph.Ds Guided: 0		
Research Funded Projects	NIL		
Patents	Filed: 1 Granted: 0		
Technology Transfer	-		

Achievements	-
Any Other Information	-



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Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



Name : **Dr. T. Muthamizhan**

Designation : **Associate Professor**

DOB : 01.06.1976

Unique ID (College ID) : IT17EE01

Email : muthamizhan.eee@sairamit.edu.in

Qualification :



UG	B.E./B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
		B.E	April/1998	Madras University	65.05

PG	B.E./B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
		M.E	May/2005	Anna University	7.284/10

Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	7.7.2014	Electrical Engineering	Anna University		

SLET Marks

NET Marks

Date of Eligibility

Area of Specialization : Power Electronics and Drives

ResearchInterest : Renewable Energy, Electrical drives, Micro Grid

Experienceinyears : Teaching 14 Research 8 Industry 4 Others 5

Courses Taught in UG / PG Level :

1. Microprocessors and Microcontrollers(EE8551),
2. Energy Management and Auditing(EE8016),
3. Special Electrical Machines (EE8005/EE6703/EE2403),
4. Renewable Energy Systems(EE6703),
5. Sensors and Transducers(OAN551),
6. Microprocessors and Microcontrollers(EC8691),
7. Design of Electrical Machines(EE6604),
8. Electrical Machines – I (EE8301/EE6401),
9. Circuit Analysis (EC825)

No. of Workshop/Conferences/
FDPattended : Workshop 4 Conferences 16 FDP 20

No. of Workshop/Conferences/
FDPOrganized : Workshop - Conferences 3 FDP 2

Professional Membership	IEEE, ISTE, IEI, SESI, IAENG
Publications	No.of papers published in National Journals / Conferences:23
	No.of papers published in InternationalJournals / Conferences: 16
	No.of Books published: - Name of the Book ISBN No: Year of Publication
Research Guidance	No.Of UG Students Guided: 12 No.Of PG Students Guided: 4 No.Of Ph.Ds Guided: -
Research Funded Projects	NIL
Patents	Filed: 2 Granted: 1
Technology Transfer	-
Achievements	-
Any Other Information	-



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Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



Name : G.EZHILARASI
Designation : Assistant Professor
DOB : 04.03.1976
Unique ID (College ID) IT10EE02
Email : ezhilarasi.eee@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	2000	Madras	59	II
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.E	2007	Sathyabama	81	I DIST
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility		Nil	Nil

Area of Specialization : Applied Electronics

Research Interest : Renewable Energy

Experience in years :

Courses Taught in UG / PG Level:

No. of Workshop/Conferences/ FDP attended :

No. of Workshop/Conferences/ FDP Organized :
 Research 0 Industry Conferences FDP

Conferences FDP Others

Professional Membership	ISTE,IEEE		
Publications	No. of papers published in National Journals / Conferences : 8		
	No. of papers published in International Journals / Conferences:3		
	No. of Books published : Nil		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: Nil No.Of PG Students Guided:Nil No.OfPh.Ds Guided: Nil		
Research Funded Projects	Nil		
Patents	Filed: Nil Granted:Nil		
Technology Transfer	Nil		
Achievements	Participated in Word Book of Records Event and Presented paper in conference conducted by ESN publication.		

Any Other Information	Nil
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Research 0 Industry Conferences FDP

Conferences FDP Others

Professional Membership	ISTE,IEEE		
Publications	No. of papers published in National Journals / Conferences : 8		
	No. of papers published in International Journals / Conferences:3		
	No. of Books published : Nil		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: Nil No.Of PG Students Guided:Nil No.OfPh.Ds Guided: Nil		
Research Funded Projects	Nil		
Patents	Filed: Nil Granted:Nil		
Technology Transfer	Nil		
Achievements	Participated in Word Book of Records Event and Presented paper in conference conducted by ESN publication.		

Any Other Information	Nil
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 Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



Name : **Mr.M.Veerasundaram**

Designation : **Associate Professor**

DOB : 23.08.1977

Unique ID (College ID) : IT11EE03

Email : veerasundaram.eee@sairamit.edu.in

Qualification :



	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
UG	B.E	May/2001	Annamalai University	70	First

	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
PG	M.E	JAN/2003	Annamalai University	8.36 CGPA	First class with Distinction

Ph.D

SLET Marks

NET Marks

Date of Eligibility

Area of Specialization : Power Systems Engineering

ResearchInterest : Renewable Energy, Micro Grid

Experienceinyears : Teaching 17 Research Industry 2 Others

Courses Taught in UG / PG Level :

10. Microprocessors and Microcontrollers(EE8551),
11. Energy Management and Auditing(EE8016),
12. Power System Analysis (EE6501),
13. Renewable Energy Systems(EE6703),

14. Power Quality(EE8003),
15. Microprocessors and Microcontrollers(EC8691),
16. Design of Electrical Machines(EE6604),
17. Electrical Machines – I (EE8301/EE6401),
18. Circuit Analysis (EC825)

No. of Workshop/Conferences/
FDPattended : Workshop 8 Conferences 10 FDP 30

No. of Workshop/Conferences/
FDPOrganized : Workshop - Conferences - FDP -

Professional Membership	IEEE, ISTE, IAENG
Publications	No.of papers published in National Journals / Conferences:3
	No.of papers published in InternationalJournals / Conferences:4
	No.of Books published: - Name of the Book ISBN No: Year of Publication
Research Guidance	No.Of UG Students Guided:120 No.Of PG Students Guided:12 No.Of Ph.Ds Guided: -
Research Funded Projects	NIL
Patents	Filed: 1 Granted: 0
Technology Transfer	ATL MENTOR for JGHV school and mentoring for school students
Achievements	1.Got Bronze in future skills NASSCOM exam on IOT 2.Got ATL Mentor Award 3. Participated and included in GuinnessRecord organized by GUVI. 4.Two times project batch were awarded with Best Project from

	other college 5. Volunteer Award for Blood donation camp.
Any Other Information	1.Completed Advanced Diploma in Industrial Automation (PLC,SCADA & DCS) 2.Course in UNIX,C& C++ 3.NCC ‘C’ Certificate Holder 4.Attended One month Training In Malaysia On Eaton Holec PANEL Design



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Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



Name : T.THENMOZHI
Designation : ASSISTANT PROFESSOR-III
DOB : 09/06/1986
Unique ID (College ID) : IT13EE04
Email : thenmozhi.eee@sairamit.edu.in



Qualification :

UG	B.E./B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E(EEE)	May 2007	ANNA	75%	I CLASS

PG	B.E./B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E(PED)	April 2009	ANNA	74%	I CLASS

Ph.D	Date of Completion	Field of Specialization	University	NA	NA

SLET Marks NET Marks Date of Eligibility

Area of Specialization : Power Electronics

ResearchInterest :Power quality

Experienceinyears : Teaching 10.6 Research Industry Others

Courses Taught in UG / PG Level :

1.ControlSystems

2.Power electronics

3.Solid state drives

No. of Workshop/Conferences/
FDPattended : Workshop 4 Conferences3FDP 7

No. of Workshop/Conferences/
FDPOrganized : Workshop 4 ConferencesFDP -

Professional Membership	IEEE, ISTE, IAENG
Publications	No. of papers published in National Journals / Conferences :1
	No. of papers published in International Journals / Conferences:7
	No. of Books published :- Name of the Book ISBN No: Year of Publication
Research Guidance	No.Of UG Students Guided:- No.Of PG Students Guided:- No.Of Ph.Ds Guided:-
Research Funded Projects	-
Patents	Filed:1 Granted:-
Technology Transfer	
Achievements	
Any Other Information	Phd Registered in Annan University and Confirmation Completed.



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Name : R.KIRUTHIGA

Designation : ASSISTANT PROFESSOR

DOB :22.08.1982

Unique ID (College ID) : IT11EE02

Email :kiruthiga.eee@sairamit.edu.in

Qualification :



	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
UG	B.E	April 2004	Madras University	77	First
PG	M.Tech	June 2010	Pondicherry University	8.56	First

Ph.D	Date of Completion	Field of Specialization	University	NA	NA
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SLET Marks	NET Marks	Date of Eligibility
<input type="text"/>	<input type="text"/>	

Area of Specialization : ELECTRICAL DRIVES AND CONTROL

ResearchInterest : POWER SYSTEMS, CONTROL SYSTEMS

Experienceinyears : Teaching 12 Research Industry Others

Courses Taught in UG / PG Level:

- 19. Circuit Theory
- 20. Power System Analysis
- 21. Biomedical Instrumentation

No. of Workshop/Conferences/
FDP Attended : Workshop 4 Conferences 1 FDP 6

No. of Workshop/Conferences/
FDP Organized : Workshop 1 Conferences FDP

Professional Membership	ISTE
Publications	No. of papers published in National Journals / Conferences: 0
	No. of papers published in International Journals / Conferences: 6
	No. of Books published: - Name of the Book ISBN No: Year of Publication
Research Guidance	No. Of UG Students Guided: 8 No. Of PG Students Guided: 0 No. Of Ph.Ds Guided: -
Research Funded Projects	NIL
Patents	Filed: 0 Granted: 0
Technology Transfer	-
Achievements	100% result achieved for the subjects Power System Analysis, Biomedical Instrumentation Best Faculty Award From Dr. Paul's Engineering College.
Any Other Information	-



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Name : E.MAHESWARI
Designation : ASSOCIATE PROFESSOR
DOB : 19/06/1980
Unique ID (College ID) : IT15EE01
Email : maheswari.eee@sairamit.edu.in

Qualification : M.E

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	2001	MADRAS	73.6	I
PG	M.E/M.Tech/M.Sc. / M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.E	2007	ANNA	8.03(CGPA)	I Class with Distinction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Doing	POWER ELECTRONICS			
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : POWER ELECTRONICS

Research Interest : Non linear analysis

Experience in years : Courses Taught in UG / PG Level:

Teaching 19.5 Research Industry

- 1.Power Electronics
- 2.Design of electrical machines
- 3.Renewable Energy Systems

Workshop Conferences

Workshop Conferences

No. of

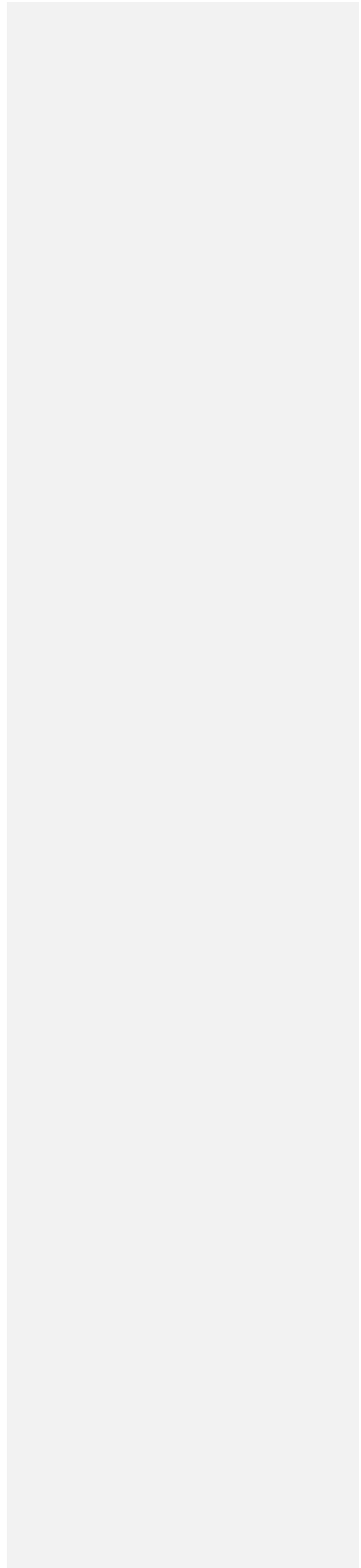
Workshop/Conferences/
FDP Organized :

No. of
Workshop/Conferences/
FDP attended :

Others

FDP

FDP



Professional Membership	ISTE,IEEE,IAENG		
Publications	No. of papers published in National Journals / Conferences :5		
	No. of papers published in International Journals / Conferences:20		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
1.DESIGN OF ELECTRICAL MACHINES	978-93-80485-08-9	2011	
2.MEASUREMENT&INSTRUMENTATION	978-93-80485-11-9	2011	
Research Guidance	No.Of UG Students Guided:20 No.Of PG Students Guided:1 No.Of Ph.Ds Guided:-		
Research Funded Projects	NIL		
Patents	Filed:2 Granted:-		
Technology Transfer	POWER ELECTRONICS VLAB DEVELOPED UNDER PALS-NITK		

Achievements	<ol style="list-style-type: none"> 1. Best Mentor Award in the year 2022 for skill rack. 2. Received the Certificate of Appreciation for mentoring the IEEE International Project Expo conducted in SCSVMV University, Kancheepuram on 20.02.2019. 3. Received “Dr.APJ Abdul Kalam Award for teaching Excellence” in the year 2015 from MARINA LABS R&D Chennai. 4. Received Rs. 2,000 Cash Award from Sri Sairam Institute of technology for Producing 100% in “Measurement & Instrumentation” Subject in the Year 2010. 5. Received Rs. 2,000 Cash Award from Sri Sairam Institute of technology for Producing 100% in “SOLID STATE DRIVES” Subject in the Year 2017. 6. Received Rs. 2,000 Cash Award from Sri Sairam Institute of technology for Producing 100% in “POWER ELECTRONICS” Subject in the Year 2018.
Any Other Information	



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Name : RATHNAVEL P

Designation : Assistant Professor - II

DOB : 05.07.1982

Unique ID (College ID) : 1-1419305169

Email : rathnavel.eee@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	BE	April 2006	Anna	68	First
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	ME	June 2008	Anna	73	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA

SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : Power Electronics & Drives

Research Interest : Renewable Energy

Experience in years Teaching Research Industry Others

Courses Taught in UG / PG Level:

1. Power Electronics
2. Basic Electrical and Electronics Engineering
3. Circuit Theory

No. of Workshop/Conferences/FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/FDP Organized : Workshop Conferences FDP

Professional Membership	ISTE, IEEE, IAENG							
	No. of papers published in National Journals / Conferences : 4							
	No. of papers published in International Journals / Conferences: 9							
	No. of Books published :							
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>			Name of the Book	ISBN No:	Year of Publication		
Name of the Book	ISBN No:	Year of Publication						
Research Guidance	No.Of UG Students Guided: 20 No.Of PG Students Guided: No.OfPh.Ds Guided:							
Research Funded Projects								
Patents	Filed:1 Granted:							
Technology Transfer	Expert Lecture in FDP on Modern Power Converter at SRM Valliammai Engineering College							
Achievements	-							

Any Other Information	
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Name : Dr.G.PRAKASH
 Designation : HOD & PROFESSOR
 DOB : 19-07-1982
 Unique ID (College ID) : IT10EE01
 Email : hodeee@sairamit.edu.in
 Qualification : B.E, M.Tech, (Ph.D).,



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	May 2005	Periyar University	76.12	I
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.E	May 2005	Anna University	75	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	19.07.2017	Power Electronics	St.Peters Institute of Higher Education & Research		
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : POWER ELECTRONICS AND DRIVES

Research Interest : Multilevel Inverter

Experience in years	Teaching	Research	0	Industry	Others
Courses Taught in UG / PG Level:	1. Power Electronics 2. Basic Electrical and Electronics Engineering 3. Protection & Swithgear				
No. of Workshop/Conferences/ FDP attended	Workshop	Conferences		FDP	
	:				
No. of Workshop/Conferences/ FDP Organized	Workshop	Conferences		FDP	
	:				

Professional Membership	IEEE, ISTE, IAENG,		
Publications	No. of papers published in National Journals / Conferences :04		
	No. of papers published in International Journals / Conferences:12		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	-	-	-
Research Guidance	No.Of UG Students Guided:50 No.Of PG Students Guided:0 No.OfPh.Ds Guided:0		
Research Funded Projects			
Patents	Filed:1 Granted:0		
Technology Transfer	-		
Achievements	Received Best Board of Member from Thermal Energy Systems Received Cash Awards for 100% results		
Any Other Information	-		



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Name : REKHA.K

Designation : ASSISTANT PROFESSOR

DOB :29.08.1987

Unique ID (College ID) : IT13EE01

Email :rekha.eee@sairamit.edu.in

Qualification :



	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
UG	B.E	April 2009	Anna University	75	First
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E	June 2012	Anna University	8.01	First

	Date of Completion	Field of Specialization	University		
Ph.D				NA	NA

SLET Marks	NET Marks	Date of Eligibility
<input type="text"/>	<input type="text"/>	

Area of Specialization : Power Electronics and Drives

ResearchInterest :Power Electronics,Embedded System

Experienceinyears : Teaching 9 Research Industry Others

Courses Taught in UG / PG Level :

- 22. Microprocessors and Microcontrollers
- 23. Digital Logic Circuits
- 24. Embedded Systems

No. of Workshop/Conferences/
FDP Attended : Workshop 5 Conferences 4 FDP 8

No. of Workshop/Conferences/
FDP Organized : Workshop 2 Conferences FDP

Professional Membership	IEEE
Publications	No. of papers published in National Journals / Conferences: 2
	No. of papers published in International Journals / Conferences: 3
	No. of Books published: - Name of the Book ISBN No: Year of Publication
Research Guidance	No. Of UG Students Guided: 7 No. Of PG Students Guided: 0 No. Of Ph.Ds Guided: -
Research Funded Projects	NIL
Patents	Filed: 1 Granted: 0
Technology Transfer	-
Achievements	OBTAINED 100% RESULT IN <ul style="list-style-type: none"> ● POWER PLANT ENGINEERING ● MICROPROCESSOR AND MICROCONTROLLER ● MICROCONTROLLER BASED SYSTEM DESIGN
Any Other Information	-



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Name : N.SHANTHI

Designation : Assistant Professor

DOB : .08.051977



Unique ID (College ID) :IT14EE01

Email : shanthi.eee@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	BE	April 1998	Madras	73.32	I
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	ME	June 2008	Anna University	82	I
	MBA	Dec 2003	IGNOU	Grade 'C'	-
Ph.D	Date of Completion	Field of Specialization	University	NA	NA

SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : Power Electronics and Drives

Research Interest : Power Electronics

Experience in years Teaching

Courses Taught in UG / PG Level:

1. Circuit Theory
2. High voltage Engineering
3. Special Electrical Machines

No. of Workshop/Conferences/ FDP attended : Workshop

No. of Workshop/Conferences/ FDP Organized : Workshop

Research 0 Industry Conferences

Conferences Others FDP FDP

professional Membership	IEEE,IEI,ISTE						
Publications	No. of papers published in National Journals / Conferences :1						
	No.of papers published in International Journals / Conferences: 4						
	No. of Books published :						
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-	-
Name of the Book	ISBN No:	Year of Publication					
-	-	-					
Research Guidance	No.Of UG Students Guided: 15 No.Of PG Students Guided: NIL No.OfPh.Ds Guided: NIL						
Research Funded Projects	NIL						
Patents	Filed:1 Granted: NIL						
Technology Transfer	NIL						
Achievements	1.Received Best Faculty Advisor award from IEI (2021) 2.Received Cash Award from Sri Sairam Institute of technology for Producing 100% Result for the subjects Special Electrical Machines,Flexible AC Transmission System,Biomedical Instrumentation Systems,Power System Transients,Linear Integrated Circuits and High Voltage Engineering						
Any Other Information	Phd Registered in Annan University and Confirmation Completed.						



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Name : L.VIJAYARAJA

Designation : ASST. PROF - II

DOB : 30-05-1983

Unique ID (College ID) : IT12EE05

Email : vijayaraja.eee@sairamit.edu.in

Qualification : B.E, M.Tech, (Ph.D),



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	May 2004	Madras	72	I
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.Tech	May 2012	SRM	8.4	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA

SLET Marks	NET Marks	Date of Eligibility			
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Area of Specialization : POWER ELECTRONICS AND DRIVES

Research Interest : Multilevel Inverter

Experience in years Teaching Research Industry Others

Courses Taught in UG / PG Level:

1. Circuit Theory
2. Basic Electrical and Electronics Engineering
3. Power Plant Engineering

No. of Workshop/Conferences/ FDP attended :

Workshop Conferences FDP

No. of Workshop/Conferences/ FDP Organized :

Workshop Conferences FDP

Professional Membership	IEEE, ISTE, SAE, IFERP, IAENG, AICTSD					
Publications	No. of papers published in National Journals / Conferences :11					
	No. of papers published in International Journals / Conferences:15					
	No. of Books published : <table border="1" data-bbox="500 785 1136 936"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-
Name of the Book	ISBN No:	Year of Publication				
-	-	-				
Research Guidance	No.Of UG Students Guided: 28 No.Of PG Students Guided: 0 No.Of Ph.Ds Guided: 0					
Research Funded Projects	1. Funded by DST, Govt of India under the scheme "Innovation and Entrepreneurship Development" for the product title "Egensor" Year: 2016-2017 2. Funded by DST, Govt of India under the scheme "Innovation and Entrepreneurship Development" for the product title "Learning of Braille Language" Year : 2018-2019					
Patents	Filed: 3 Granted: 0					
Technology Transfer	-					
Achievements	1. Invited as a judge for Project Expo "SAIMAGNICON 2k19" held at Sri Sairam Engineering College on 26.8.2019. 2. Awarded as Team Mentor in ETWDC 2019 at Bannari Amman institute of Technology, Sathiyamangalam, Tamilnadu. 3. Certificate of Appreciation on being the esteemed member of "The Confederation of Elite Academicians of IICDC					

	<p>2019” powered by AICTE mission, anchored by IMB@NSRCEL and MyGov.</p> <p>4. Acted as JURY MEMBER (Quarter finals round) in India Innovation Challenge Design Contest (IICDC 2019) powered by AICTE mission, anchored by IIMB@NSRCEL and MyGov. https://innovate.mygov.in/iicdc2019/</p> <p>5. Received Best paper award from ISTE Ranchi center for the paper presented during 1st International Science Exhibition Congress Symposium (SECS-2020), Ranchi on 12.09.2020 to 13.09.2020. Also honored with “Dr. Kalyan Singh Yadav Memorial Award” in Microelectronics Engineering for the paper.</p> <p>6. Awarded as Best Team mentor for the product titled “Learning of Braille Language “at Technology Exhibition 2020 cum Training Program, held at Anna University, Chennai during 27 - 29 February 2020.</p> <p>7. Certified as IIC-INNOVATION-AMBASSADOR for the year 2020 by Ministry of Education and All India Council for Technical Education, New Delhi.</p> <p>8. Certificate of Appreciation on “Fostering the ecosystem bridging Government, Academia and Industry powered for TI Embedded System Design using MSP430 MCU MooC” by Texas Instrument in association with All India Council for Technical Education, New Delhi.</p> <p>9. Received Best paper award for the paper entitled “Driving technology in the path of renewable energy-a review” in the International Virtual conference on Robotics, Automation, Intelligent Systems and Energy (IVC-RAISE 2020) held at Department of Mechatronics Engineering, Kongu Engineering College, Perundurai on 15.12.2020.</p>
Any Other Information	-

DEPARTMENT OF INFORMATION TECHNOLOGY

1. Programmes

- Name of Programmes approved by AICTE
 - BE-Computer Science and Engineering
 - B.Tech-Information Technology
 - BE- Electrical and Electronics Communication Engineering
 - BE-Electrical and Electronics Engineering
 - BE-Mechanical Engineering
 - B.Tech-Artificial Intelligence and Data Science
 - BE-Computer and Communication Engineering
 - MBA-Department of Management Studies
 - M.E- Industrial Safety Engineering
 - M.E- Big Data Analytics
- Name of Programmes Accredited by NBA
 - BE- Computer Science and Engineering
 - B.Tech-Information Technology
 - BE-Electrical and Electronics Communication Engineering
 - BE- Electrical and Electronics Engineering
 - BE- Mechanical Engineering
- Status of Accreditation of the Courses
 - Accredited courses-5
 - BE-Computer Science and Engineering
 - B.Tech-Information Technology
 - BE-Electrical and Electronics Communication Engineering
 - BE-Electrical and Electronics Engineering
 - BE-Mechanical Engineering
- Total number of Courses
- No. of Courses for which applied for Accreditation

- Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved for . . .Courses (specify the number of courses)

- For each Programme the following details are to be given(Preferably in Tabular form):

- Name -Information Technology
- Number of seats - 120
- Duration - 4 Years
- Cut off marks/rank of admission during the last three years

B.Tech-Information Technology		
Academic Year	Lowest cut off	Highest cut off
2019-2020	43.33	95
2020-2021	44	87.33
2021-2022	49.33	95.67

- Fee (as approved by the state government)
B.Tech -Information Technology- Rs 55,000/-
- Placement Facilities - Available from inception
- Campus placement in last three years with minimum salary ,maximum salary and average salary

B.Tech-Information Technology					
Academic Year	Total No of Students	No of students placed	Minimum Salary (Lack per Annum)	Maximum Salary (Lack per Annum)	Average Salary (Lack per Annum)
2019-2020	97	86	4.5 LPA	4.00 LPA	3.5 LPA
2020-2021	102	90	7.00 LPA	4.5 LPA	3.5 LPA
2021-2022	95	76	7.00 LPA	4.5 LPA	3.5 LPA

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- Name and duration of Programme(s)having Twinning and Collaboration with Foreign University(s) and being run in the same Campus along with status of their AICTE approval. If there is Foreign Collaboration, give the following details: Not Applicable
- Details of the Foreign University
- Name of the University
- Address
- Website
- Accreditation status of the University in its Home Country
- Ranking of the University in the Home Country

- Whether the degree offered is equivalent to an Indian Degree? If yes, the name of the agency which has approved equivalence. If no, implications for students in terms of pursuit of higher studies in India and abroad and job both within and outside the country
- Nature of Collaboration
- Conditions of Collaboration
- Complete details of payment a student has to make to get the full benefit of Collaboration
- For each Programme Collaborated provide the following:
 - Programme Focus
 - Number of seats
 - Admission Procedure
 - Fee (as approved by the state government)
 - Placement Facility
 - Placement Records for last three years with minimum salary, maximum salary and average salary
 - Whether the Collaboration Programme is approved by AICTE? If not whether the
 - Domestic / Foreign University has applied to AICTE for approval

2. Faculty

- Course/Branch wise list Faculty members:
 - B.Tech -Information Technology
 - Permanent Faculty-26
 - Adjunct Faculty-0
 - Permanent Faculty: Student Ratio-1:15
 - Number of Faculty employed and left during the last three years-0

3. Profile of Vice Chancellor/ Director/ Principal/Faculty

- For each Faculty give a page covering with Passport size photograph

- Name

- Date of Birth

- Unique ID

- Education Qualifications

- **Work Experience**
 - Teaching
 - Research
 - Industry
 - others

- Area of Specialization
- Courses taught at Diploma/ Post Diploma/ Under Graduate/ Post Graduate/ Post Graduate Diploma level

- **Research guidance(Number of Students)**
 - No. of papers published in National/ International Journals/ Conferences
 - Master (Completed/Ongoing)
 - Ph.D. (Completed/Ongoing)

- Projects Carried out

- Patents (Filed & Granted)

- Technology Transfer

- Research Publications (No.of papers published in National/International Journals/Conferences)

- No. of Books published with details (Name of the book, Publisher with ISBN, year of publication, etc.)

9. Computing Facilities

- Internet Bandwidth
- Number and configuration of System
- Total number of system connected by LAN
- Total number of system connected by WAN
- Major software packages available
- Special purpose facilities available (Conduct of online Meetings/Webinars/Workshops, etc.)
- Facilities for conduct of classes/courses in online mode (Theory & Practical)
 - Innovation Cell
 - Social Media Cell

Compliance of the National Academic Depository (NAD), applicable to PGCM/ PGDM Institutions and University Departments

• Teaching Learning Process

- Curricula and syllabus for each of the Programmes as approved by the University
- Academic Calendar of the University
- Academic Time Table with the name of the Faculty members handling the Course
- Teaching Load of each Faculty
- Internal Continuous Evaluation System and place

- Student's assessment of Faculty, System in place
- **For each Post Graduate Courses give the following:**
 - Title of the Course
M.E- Industrial Safety Engineering
M.E- Big Data Analytics
Master's of Business Administration
 - Curricula and Syllabi
 - Laboratory facilities exclusive to the Post Graduate Course
- **Special Purpose**
 - Software, all design tools in case
 - Academic Calendar and framework

SYLLABUS

<https://sairamit.edu.in/curriculum-syllabus/>



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Name : **SANCHANA.R**
Designation : **Assistant Professor**
DOB : 24.10.1996
Unique ID (College ID) : IT20IT06
Email : sanchana.it@sairamit.edu.in

Qualification :

UG	B.E/B. Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E- CSE	20 APRIL 2018	Anna University	77%	First class
PG	B.E/B. Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.Tech – IT	30 APRIL 2020	Anna University	82%	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Data mining

Research Interest : Big Data Analytics

Experience in years: Teaching Industry Research Others

Courses Taught in UG / PG Level :Internet Programming, Operating Systems, Software Project Management,ISM

No. of Workshop/Conferences/ FDP Attended: FDP Workshop Conferences

No. of Workshop/Conferences/ FDP Organized: FDP Workshop Conferences

Professional Membership									
Publications	No. of papers published in National Journals / Conferences :								
	No. of papers published in International Journals / Conferences: 1								
	No. of Books published :								
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>PROGRAMMING IN C- CS8251</td> <td>978-93-332-1717-0</td> <td>-</td> </tr> <tr> <td>"PROBLEM SOLVING & PYTHON PROGRAMMING -GE8151</td> <td>978-81-89543-13-7</td> <td></td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	PROGRAMMING IN C- CS8251	978-93-332-1717-0	-	"PROBLEM SOLVING & PYTHON PROGRAMMING -GE8151	978-81-89543-13-7
Name of the Book	ISBN No:	Year of Publication							
PROGRAMMING IN C- CS8251	978-93-332-1717-0	-							
"PROBLEM SOLVING & PYTHON PROGRAMMING -GE8151	978-81-89543-13-7								
Research Guidance	No.Of UG Students Guided: 5 No.Of PG Students Guided: NIL No.Of Ph.Ds Guided: NA								
Research Funded Projects	NIL								
Patents	Filed: NIL Granted: NIL								
Technology Transfer	-								
Achievements									
Any Other Information									



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Name : **Viswanath S**
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 Email : viswanath.it@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.TECH IT	2011	Anna University	78	First class
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E(CSE)	2015	Anna University	8.3	First Class
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Web Development

Research Interest :

Experience in years: Teaching Industry Research Others

Courses Taught in UG / PG Level :C

No. of Workshop/Conferences/ FDP Attended: FDP Workshop -

No. of Workshop/Conferences/ FDP Organized: FDP Workshop -

Professional Membership						
Publications	No. of papers published in National Journals / Conferences :					
	No. of papers published in International Journals / Conferences:					
	No. of Books published :					
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-
Name of the Book	ISBN No:	Year of Publication				
-	-	-				
Research Guidance	No.Of UG Students Guided: 1 No.Of PG Students Guided: NIL No.OfPh.Ds Guided: NA					
Research Funded Projects	NIL					
Patents	Filed: NIL Granted: NIL					
Technology Transfer	-					
Achievements						
Any Other Information						



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Name : ANUBHA PEARLINE S

Designation : Assistant Professor

DOB : 26-02-1993

Unique ID (College ID) : IT20IT03

Email : anuba.it@sairamit.edu.in



Qualification :					
UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E- CSE	2014	Anna University	75.8	First class
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.TECH (IT)	2016	Anna University	78.4	First Class
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks <input type="text"/>	NET Marks <input type="text"/>	Date of Eligibility			

Area of Specialization :

Research Interest :

Experience in years: Teaching Industry Research Others

Courses Taught in UG / PG Level :Internet Programming, Operating Systems, Object Oriented Programming, DistributedSystems, Software Project Management, Adhoc and Sensor Networks

No. of Workshop/Conferences/ FDP Attended: FDP Workshop
Conferences

No. of Workshop/Conferences/ FDP Organized: FDP Workshop
Conferences

Professional Membership	IEEE		
Publications	No. of papers published in National Journals / Conferences :		
	No. of papers published in International Journals / Conferences: 1		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	-	-	-
Research Guidance	No.Of UG Students Guided: 1 No.Of PG Students Guided: NIL No.OfPh.Ds Guided: NA		
Research Funded Projects	NIL		
Patents	Filed: NIL Granted: NIL		
Technology Transfer	-		
Achievements			
Any Other Information			



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Name : **POORNA PUSHKALA K**
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DOB : 02.08.1986
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Qualification					
UG	B.E/B. Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E- CSE	April 2008	Anna University	75.5%	First class
PG	B.E/B. Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E(CSE)	June 2016	Anna University	8.6 (GPA)	First Class
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Data mining

Research Interest : Big Data Analytics

Experience in years: Teaching Industry Research Others

Courses Taught in UG / PG Level :

No. of Workshop/Conferences/ FDP Attended: FDP Workshop
 Conferences

No. of Workshop/Conferences/ FDP Organized: FDP Workshop
 Conferences

Professional Membership	IEEE		
Publications	No. of papers published in National Journals / Conferences :		
	No. of papers published in International Journals / Conferences:		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	-	-	-
Research Guidance	No.Of UG Students Guided: 1 No.Of PG Students Guided: NIL No.OfPh.Ds Guided: NA		
Research Funded Projects	NIL		
Patents	Filed: NIL Granted: NIL		
Technology Transfer	-		
Achievements			
Any Other Information			



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Name : **Rashmi**
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DOB : **05-11-1989**
Unique ID (College ID) : **IT20IT02**
Email : **rashmi.it@sairamit.edu.in**



Qualification :					
UG	B.E/B. Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E- CSE	2011	Anna University	78	First class
PG	B.E/B. Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E(CSE)	2013	Anna University	82	First Class
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization :

Research Interest :

Experience in years: Teaching Industry Research Others

Courses Taught in UG / PG Level :Internet Programming, Networks

No. of Workshop/Conferences/ FDP Attended: FDP Workshop Conferences

No. of Workshop/Conferences/ FDP Organized: FDP Workshop Conferences

Professional Membership	ISTE		
Publications	No. of papers published in National Journals / Conferences :		
	No. of papers published in International Journals / Conferences: 2		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	-	-	-
Research Guidance	No.Of UG Students Guided: 1 No.Of PG Students Guided: NIL No.OfPh.Ds Guided: NA		
Research Funded Projects	NIL		
Patents	Filed: NIL Granted: NIL		
Technology Transfer	-		
Achievements			
Any Other Information			



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Name : **R Shobana Lakshmi**
Designation : **Assistant Professor**
DOB : 20-07-1988
Unique ID (College ID) : IT16IT02
Email : shobana.it@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Tech IT	May 2009	Sastra University	8.1	First Class with Distinction
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.Tech IT	June 2011	Anna University	8.69	First Class With Distinction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Computer Science and Engineering

Research Interest : Networks

Experience in years: Teaching Industry Research Others

No. of Workshop/Conferences/ FDP Organized: **FDP : 05 Workshop : 05 Conferences : 02**

Professional Membership	IEEE, CSI, ISTE, IAENG					
Publications	No. of papers published in National Journals / Conferences : 06					
	No. of papers published in International Journals / Conferences: 05					
	No. of Books published : <table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-
Name of the Book	ISBN No:	Year of Publication				
-	-	-				
Research Guidance	No. of UG Students Guided: 25 No. of PG Students Guided: 04 No. of Ph.Ds Guided: NA					
Research Funded Projects	Medico Aadhaar funded by Saphthagiri Educational Trust					
Patents	Filed: 02 Published : 01 Granted: 0					
Technology Transfer	1. Hackathon Orientation Programme to Affiliated Institutions 2. Orientation Programme on Innovation - IIC Mentee Institutions					
Achievements	1. Participated and Mentored 5 SIH and Won 2 times 2. Active Participant Award received from MyGov – Ministry of Electronics and Information Engineering 3. Participated and Won 4 th Place in E-Summit, IIT Bombay 4. Best Mentor Award for Skillrack					
Any Other Information	1. Department SCOPE – Executer 2. Networking SCOPE - Executer 3. Admission Core Team Member 4. IIC Innovation Ambassador 5. MHRD – Social Media Coordinator 6. Institution & Department Digital Ambassador 7. Department SIH Coordinator 8. Certified Azure and Salesforce Trainer					



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Name : **Suthahar P**
 Designation : **Assistant Professor**
 DOB : **10.05.1984**
 Unique ID (College ID) : **IT16IT03**
 Email : **suthakar.it@sairamit.edu.in**
 Qualification :



UG	B.E/B. Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Tech (IT)	May 2007	Anna University	75%	First
PG	B.E/B. Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E (CSE)	May 2014	Anna University	9.2	FWD
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	-	-	-		
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : **Web Technology, Network Security, Cloud Computing**

Research Interest : **Network Security, Cloud Computing, Block Chain**

Experience in years: Teaching: **12.5 Years** Industry: - 0 Research -0 Others : 0

Courses Taught in UG/PG level:	<ul style="list-style-type: none"> • Web Technology • Database Management Systems • Computer Networks • Data structures. • Database management system. • Problem Solving and Python Programming • Cyber Forensics • Web Development Frameworks • Professional Ethics • Software Project Management • E Commerce
--------------------------------	--

No. of Workshop/Conferences/ FDP Attended: **FDP : 30 Workshop : 20 Conferences : 10**

Courses Taught in UG / PG Level:

Operating Systems, Object Oriented Programming, Database management system, Mobile Computing, Computer Organization and Architecture, Problem Solving and Python Programming.

No. of Workshop/Conferences/ FDP Attended:

FDP Workshop Conferences

No. of Workshop/Conferences/ FDP Organized:

FDP Workshop Conferences

Professional Membership	IEEE, CSI, ISTE, IAENG		
Publications	No. of papers published in National Journals / Conferences : 4		
	No. of papers published in International Journals / Conferences: 3		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	-	-	-
Research Guidance	No.Of UG Students Guided: 15 No.Of PG Students Guided: 02 No.Of Ph.Ds Guided: NA		
Research Funded Projects	Blindwalker funded by DST(AICTE)		
Patents	Filed: 01 Published:02 Granted: NIL		
Technology Transfer	Conducted Technical Symposium, Guest lecture under CSI & IIC(MHRD)		
Achievements	<ol style="list-style-type: none"> 1. Completed NPTEL IOT certificate on April 2018 2. Completed Honeywell AWS train the trainer session January 2022. 		
Any Other Information	<ol style="list-style-type: none"> 1. NBA Criteria-VII Coordinator 2. Edumate Coordinator 3. Time table Coordinator 4. Edumate SCOPE-Propagator 5. Health & Yoga Club-Organizer 6. EOMS Department Coordinator 		



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Name : R.JEGATHA
Designation : ASSISTANT PROFESSOR
DOB : 22.11.1988
Unique ID (College ID) : IT15IT01
Email : jegatha.it@sairamit.edu.in



Qualification

UG	B.E/B. Tech/B.Sc. B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E - CSE	31.04.2010	Anna University	78%	First Class with Distinction
PG	B.E/B. Tech/B.Sc. B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E – CSE	31.06.2012	Anna University	87.3%	First Class
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	-	-	-		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Machine Learning, Cloud Computing, Data Analytics

Research Interest : Cloud Computing

Experience in years: Teaching Industry Research Others

Courses Taught in UG / PG Level :Internet Programming, Networks

No. of Workshop/Conferences/ FDP Attended: FDP Workshop Conferences

No. of Workshop/Conferences/ FDP Organized: FDP Workshop Conferences

Professional Membership	ISTE		
Publications	No. of papers published in National Journals / Conferences :		
	No. of papers published in International Journals / Conferences: 2		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	-	-	-
Research Guidance	No.Of UG Students Guided: 10 No.Of PG Students Guided: NIL No.OfPh.Ds Guided: NA		
Research Funded Projects	NIL		
Patents	Filed: NIL Granted: NIL		
Technology Transfer	-		
Achievements			
Any Other Information			



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Name : **T Selva Ganapathy**
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DOB : 05.01.1987
Unique ID (College ID) : IT14IT02
Email : selvaganapathy.it@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E IT	April 2010	Anna University	67	First Class
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.Tech IT	April 2012	Hindustan University	83.67	First Class With Distinction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : Computer Science and Engineering

Research Interest : Networks

Experience in years: Teaching Industry Research Others

Courses Taught in UG / PG Level :Internet Programming, Networks

No. of Workshop/Conferences/ FDP Attended: FDP Workshop Conferences

No. of Workshop/Conferences/ FDP Organized: FDP Workshop Conferences

Professional Membership	ISTE,IAENG		
Publications	No. of papers published in National Journals / Conferences :4		
	No. of papers published in International Journals / Conferences: 6		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	-	-	-
Research Guidance	No.Of UG Students Guided: 5 No.Of PG Students Guided: NIL No.OfPh.Ds Guided: NA		
Research Funded Projects	1		
Patents	Filed: 1 Granted: NIL		
Technology Transfer	-		
Achievements	Produced 100% result in 7 different subjects		
Any Other Information			



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Name : **Ilakkiya J**
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DOB : 21.07.1987
Unique ID (College ID) : IT14IT01
Email : ilakkiya.it@sairamit.edu.in



Qualification :					
UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E CSE	May 2009	Annamalai University	8.95	First Class with Distinction
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.Tech CSE	May 2011	Kalasalingam University	8.07	First Class
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Computer Science and Engineering

Research Interest : Wire Sensor Networks, Big Data

Experience in years: Teaching Industry Research Others

Courses Taught in UG / PG Level : Internet Programming, Operating Systems, Object Oriented Programming, Distributed Systems, Software Project Management.

No. of Workshop/Conferences/ FDP Attended: FDP 8 Workshop Conferences

No. of Workshop/Conferences/ FDP Organized: FDP - Workshop Conferences

Professional Membership	IEEE		
Publications	No. of papers published in National Journals / Conferences :5		
	No. of papers published in International Journals / Conferences: 5		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	-	-	-
Research Guidance	No.Of UG Students Guided: 10 No.Of PG Students Guided: NIL No.Of Ph.Ds Guided: NA		
Research Funded Projects	NIL		
Patents	Filed: NIL Granted: NIL		
Technology Transfer	-		
Achievements			
Any Other Information			


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Name : **SRINIVASAN C**
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 DOB : 10-05-1978
 Unique ID (College ID) : IN08CS01
 Email : srinivasan.it@sairamit.edu.in



Qualification

UG	B.E/B. Tech/B. Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E- CSE	DEC 2008	Anna University	67%	First class
PG	B.E/B. Tech/B. Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.Tech – IT	JUNE 2012	Anna University	7.59	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization :

Research Interest :

Experience in years: Teaching 11 Industry - Research - Others

Courses Taught in UG / PG Level: Data Mining, Data Structures, Compiler Design, DAA, Mobile Communication, Software Engineering, Software Requirement Engineering, Computer Graphics and Multimedia, Human Computer Interaction,

No. of Workshop/Conferences/ FDP Attended: FDP- 10 Workshop -4 Conferences-2

No. of Workshop/Conferences/ FDP Organized: FDP-01 Workshop Conferences

Professional Membership	CSI,IEEE,IET,ISTE,JAENG							
Publications	No. of papers published in National Journals / Conferences : 3							
	No. of papers published in International Journals / Conferences: 3							
	No. of Books published : 02							
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>			Name of the Book	ISBN No:	Year of Publication		
Name of the Book	ISBN No:	Year of Publication						
Research Guidance	No.Of UG Students Guided: 20 No.Of PG Students Guided: NIL No.Of Ph.Ds Guided: NIL							
Research Funded Projects	1. TNSCST-10000 for the Project "Medical Therapy"							
Patents	Filed: 1 Granted: 0							
Technology Transfer	1. Orientation Programme on Innovation - IIC Mentee Institutions 2. Innovation Ambassador							
Achievements	1. Participated and Mentored 1 Team Smart India Hackathon 2. More Than Ten times 100% Result							
Any Other Information	NIL							



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Name : **M.GNANA PRAKASH**
Designation : **ASSISTANT PROFESSOR GR-III**
DOB : 20-10-1983
Unique ID (College ID) : IT10IT01
Email : prakash.it@sairamit.edu.in



Qualification :					
UG	B.E/B. Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	2006	Anna University	69	First
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.E	2009	Thigarajar college of engineering	74	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Pursuing	Information & Communication	Anna University		
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : Image Processing
Research Interest : Image ProcessingMachine
Learning
Experience in year s : Teaching 11 years 7 months Industry - Research -

No. of Workshop/Conferences/ FDP Attended: **FDP : 15 Workshop : 5 Conferences : 10**

No. of Workshop/Conferences/ FDP Organized: **FDP : 04 Workshop : 05 Conferences :**

-

Professional Membership	IEEE, CSI, ISTE, IEI		
Publications	No. of papers published in National Journals / Conferences : 02		
	No. of papers published in International Journals / Conferences: 08		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	-	-	-
Research Guidance	No. of UG Students Guided: 18 No. of PG Students Guided: - No. of Ph.Ds Guided: -		
Research Funded Projects	Guided two DST funded projects through IEDC cell worth sum of Rs 2,00,000/-		
Patents	Filed: 03 Published: 02 Granted: 1		
Technology Transfer	Organized Skill Training on Soft and Technology Skills in association with CSS CORP		
Achievements	Got Best Teacher Award from IEI Hosur Center Oracle certified trainer for Java Fundamentals and Java Programming value added course		
Any Other Information	Overall IEI Coordinator Department Website Coordinator Propagator in Department SCOPE NAAC Criteria 1 department Coordinator		



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Name : **P.Sharmila**
Designation : **Assistant Professor**
DOB :20/03/1985
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Email : sharmila.it@sairamit.edu.in



Qualification		: ME			
	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed. B.Tech	Date of Completion	University	% of Marks	Class
	B.Tech	31.05.2006	Anna University	75%	FWD
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed. ME	Date of Completion	University	% of Marks	Class
	ME	31.06.2008	Anna University	80%	FWD
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	-	-	-	-	-
SLET Marks	NET Marks	Date of Eligibility	-	-	-
-	-	-	-	-	-

Area of Specialization : Computer and Communication Engineering
Research Interest : Internet of Things
Experience in years: Teaching: **13.3Years** Industry: - 0 Research -0 Others : 0

Courses Taught in UG/PG level:	<ul style="list-style-type: none"> 1.Fundamentals of Computing 2.Web Technology 3.Service Oriented Architecture 4.Python Programming 5.Cloud Computing 6.Web design and Management 7.Computational Intelligence 8.Data Structures 9.Mobile Computing 10.Object Oriented Analysis and Design 11.Design and Analysis of Algorithm
--------------------------------	--

Courses Taught in UG / PG Level :Internet Programming, Operating Systems, Object Oriented Programming, DistributedSystems, Software Project Management, Adhoc and Sensor Networks

No. of Workshop/Conferences/ FDP Attended: FDP Workshop

No. of Workshop/Conferences/ FDP Organized: FDP Workshop

Professional Membership	IEEE,ISTE,CSI		
Publications	No. of papers published in National Journals / Conferences :2		
	No. of papers published in International Journals / Conferences: 4		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	PYTHON PROGRAMMING	-	2019
Research Guidance	No.Of UG Students Guided: 8 No.Of PG Students Guided: NIL No.Of Ph.Ds Guided: NA		
Research Funded Projects	NIL		
Patents	Filed: 2 Granted: NIL		
Technology Transfer	Organized 2 FDP's and 1workshop.		
Achievements	1.100% RESULT 2.Completed AWS Trainer-Trainee session . 3.Completed 3 NPTEL courses.		
Any Other Information			



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Name : P.SUBHA
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 Email : subha.it@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E- CSE	April 2006	Anna University	83	FWD
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E-CSE	June 2008	Anna University	79	FWD
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks <input type="text"/>	NET Marks <input type="text"/>	Date of Eligibility 18/2/2022	UGC-NET		

Area of Specialization : KNOWLEDGE AND DATA ENGINEERING

Research Interest : MACHINE LEARNING

Experience in years: Teaching Industry Research Others

No. of Workshop/Conferences/ FDP Attended: FDP Workshop Conferences

No. of Workshop/Conferences/ FDP Organized: FDP Workshop Conferences

Professional Membership	ISTE,CSI,IEEE		
Publications	No. of papers published in National Journals / Conferences :2		
	No. of papers published in International Journals / Conferences: 10		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
Data Structures and Algorithms: A Practical Approach	1397893-82459-20-0	2013	
Research Guidance	No.Of UG Students Guided: 30 No.Of PG Students Guided: NIL No.Of Ph.Ds Guided: NA		
Research Funded Projects	NIL		
Patents	Filed: 1 Granted: NIL		
Technology Transfer	-		
Achievements	-		
Any Other Information	-		



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Email : anuratha.it@sairamit.edu.in
Qualification : ME



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	30.04.2003	MKU	74%	FC
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	ME	31.06.12	Anna University	8.5 CGPA	FC
Ph.D	Date of Completion	Field of Specialization	University	% of Marks	Class
	-	-	-	NA	NA
SLET Marks	NET Marks	Date of Eligibility	-	-	-
-	-	-	-	-	-

Area of Specialization : Computer Science and Engineering

Research Interest : Natural Language Processing

Experience in years : Teaching Industry Research Others

Courses Taught in UG / PG Level: Fundamentals of Computing, Web Technology, Service Oriented Architecture, Computer Architecture, Cloud Computing, Data Structures, Data Base Management Systems, Big Data Analytics, Mobile Computing, Object Oriented Analysis and Design

Courses Taught in UG / PG Level :Internet Programming, Networks

No. of Workshop/Conferences/ FDP Attended: FDP Workshop Conferences

No. of Workshop/Conferences/ FDP Organized: FDP Workshop Conferences

Professional Membership	ISTE						
Publications	No. of papers published in National Journals / Conferences :						
	No. of papers published in International Journals / Conferences: 2						
	No. of Books published :						
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-	-
Name of the Book	ISBN No:	Year of Publication					
-	-	-					
Research Guidance	No.Of UG Students Guided: 10 No.Of PG Students Guided: NIL No.OfPh.Ds Guided: NA						
Research Funded Projects	NIL						
Patents	Filed: NIL Granted: NIL						
Technology Transfer	-						
Achievements							
Any Other Information	Talent Enabler till 2021						



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Name : **J Ghayathri**
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DOB : 27.10.1983
Unique ID (College ID) : IT111T02
Email : ghayathri.it@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E CSE	April 2005	Anna University	73.14	First Class
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E CSE	June 2009	Anna University	9.69	First Class With Distinction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Computer Science and Engineering

Research Interest : Networks

Experience in years: Teaching Industry Research Others

Courses Taught in UG / PG Level: C, Computer Architecture, S/W testing, operating System
Web Technology, python programming,

No. of Workshop/Conferences/ FDP Attended: FDP-50 Workshop -15 Conferences-20

No. of Workshop/Conferences/ FDP Organized: FDP-0 Workshop -1 Conferences-3

Professional Membership	ISTE,IEEE, CSI		
Publications	No. of papers published in National Journals / Conferences :20		
	No. of papers published in International Journals / Conferences:		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	-	-	-
Research Guidance	No.Of UG Students Guided: 50 No.Of PG Students Guided: NIL No.Of Ph.Ds Guided: NA		
Research Funded Projects	TNSCST Project Granted (2010-2011) for 'Braille Dictionary'		
Patents	Filed: 2 Filed and published Granted: NIL		
Technology Transfer	Conducted National Conference, Guest lecture under ISTE,IEI		
Achievements	1) Secured 100% Percentage more than 15 subjects 2) First Rank in PGPA for mentor wise among College		
Any Other Information	1) NBA Criteria-II Incharge 2) Newsletter Associate Editor 3) ISTE -Membership Coordinator		



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Name : **B.Deepa**
Designation : **Assistant Professor Grade II**
DOB : 04.09.1981
Unique ID (College ID) : IT111T01
Email : deepa.it@sairamit.edu.in



Qualification :					
UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E - CSE	31.11.2005	Anna University	74%	First class
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.Tech – CSE	30.04.2010	Sathyabama University	8.5 cgpa	First class with Distiction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Pursuing	Deep learning	Anna University		
SLET Marks	NET Marks	Date of Eligibility	-	-	-

Area of Specialization : Computer Architecture, AI
Research Interest : Deep Learning
Experience in year s : Teaching 15 years 10 months Industry - Research -

Courses Taught in UG / PG Level :Internet Programming, Networks

No. of Workshop/Conferences/ FDP Attended: FDP Workshop Conferences

No. of Workshop/Conferences/ FDP Organized: FDP Workshop Conferences

Professional Membership	ISTE		
Publications	No. of papers published in National Journals / Conferences :		
	No. of papers published in International Journals / Conferences: 2		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	-	-	-
Research Guidance	No.Of UG Students Guided: 10 No.Of PG Students Guided: NIL No.OfPh.Ds Guided: NA		
Research Funded Projects	NIL		
Patents	Filed: NIL Granted: NIL		
Technology Transfer	-		
Achievements			
Any Other Information			



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Name : **S Sujeetha**
Designation : **Assistant Professor**
DOB : 05.07.1984
Unique ID (College ID) : IT10IT03
Email : sujeetha.it@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E IT	April 2005	Anna University	74	First Class
PG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.Tech IT	April 2010	Sathyabama University	8.49	First Class With Distinction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : Computer Science and Engineering

Research Interest : Networks

Experience in years: Teaching Industry Research Others

Courses Taught in UG / PG Level: C, Computer Architecture, S/W testing, OOAD

, Python programming, Data Structures, DBMS

No. of Workshop/Conferences/ FDP Attended: FDP-30 Workshop -10 Conferences-05

No. of Workshop/Conferences/ FDP Organized: FDP-1 Workshop -1 Conferences-

Professional Membership	ISTE,IEEE, CSI		
Publications	No. of papers published in National Journals / Conferences :08		
	No. of papers published in International Journals / Conferences:		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	-	-	-
Research Guidance	No.Of UG Students Guided: 20 No.Of PG Students Guided: NIL No.Of Ph.Ds Guided: NA		
Research Funded Projects			
Patents	Filed: 2 Filed Granted: NIL		
Technology Transfer	Python, Conducted Workshop- Recent Technologies, Guest lecture under CSI.		
Achievements	1) UGC-NET Qualified as Assistant Professor in CSE 2) Secured 100% Percentage more than 10 subjects		
Any Other Information	1) NBA Criteria-IV Incharge 2) ISO -Department Coordinator 3) Alumni – Department Coordinator		



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Name : **C. Rekha**
Designation : **Assistant Professor Grade II**
DOB : 01.02.1984
Unique ID (College ID) : IT101T02
Email : rekha.it@sairamit.edu.in



Qualification :					
UG	B.E/B. Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E - CSE	30.04.2005	Anna University	75.4%	First class with Distinction
PG	B.E/B. Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E – Software Engineering	30.04.2009	Anna University	7.9 cgpa	First class
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Pursuing	Deep learning	Anna University		
SLET Marks	NET Marks	Date of Eligibility	UGC	93.4 percentile	-
	UGC-NET Qualified	1.12.2019			

Area of Specialization : Software Engineering, Data

Science

Research Interest : Deep Learning

Experience in year s : Teaching 13 years 04 months Industry - Research -

Achievements	<ol style="list-style-type: none"> 1. Participated and Mentored 1 SIH-2020 2. "Staff Appreciation Award" for the academic year 2018-2019 and received a Cash prize from the Management. 3. Produced 100% Results in the following subjects <p>Data Structures and Algorithms</p> <p>Artificial Intelligence</p> <p>Programming and Data Structures II</p> <p>Computer Graphics</p> <p>Cryptography and Network Security</p> <p>Data Warehousing and Data Mining</p> <p>Design and Analysis of Algorithms</p> <p>Operating Systems</p> <p>Professional Ethics in Engineering</p> <p>Total Quality Management</p> <p>Software Project Management</p> <p>Data Base Management Systems</p> <p>Software Testing</p>
Any Other Information	NIL

Courses Taught in UG / PG Level: Data Mining, Data Structures, Compiler Design, DAA,
Mobile Communication, Software Engineering

No. of Workshop/Conferences/ FDP Attended: FDP- 48 Workshop -5 Conferences-20

No. of Workshop/Conferences/ FDP Organized: FDP-1 Workshop -5 Conferences-1

Professional Membership	CSI,IEEE,ISTE,IAENG		
Publications	No. of papers published in National Journals / Conferences : 28		
	No. of papers published in International Journals / Conferences: 19		
	No. of Books published :-		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: 20 No.Of PG Students Guided: NIL No.Of Ph.Ds Guided: NIL		
Research Funded Projects	IEDC DST Project "Auto Navigation Drone System"-Rs 1,00,000		
Patents	Published:3 Granted: 1		
Technology Transfer	<p>1.Faculty Development Program titled "Data Science And Big Data Analytics" (19-06-17 To 24-06-17) Organized.</p> <p>2. One Day Awareness Seminar on "How To Plan for Startup-Legal And Ethical Steps" on 18th Feb 2020.</p> <p>3. Nice'11 National Conference organized.</p> <p>4.Webinar Series on "Promoting Employability Skills" from 18/5/20 to 24/5/20.</p> <p>5.One day Orientation Talk for Second year students on 25/6/2020.</p> <p>6.One day Webinar on Research Grant "How to write proposals" on 26/6/2021.</p> <p>7.Six days FDP on "Ambient Intelligence in Deep Learning" held from 26/7/2021 to 31/7/2021.</p>		



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Name : **Mrs.A.PONMALAR**
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Email : ponmalar.it@sairamit.edu.in



Qualification					
UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	April 2001	Bharathidasan University	67	First
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.E	April 2008	Anna University	81	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Pursuing	Information & Communication	Anna University		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : AI ,Data Mining,Network Security
Research Interest : Machine Learning
Experience in year s : Teaching 16 years 5 months Industry - 0 Research -0

Courses Taught in UG / PG Level: **Data Structures and Algorithm, Database Management System, Distributed Systems, Computer Graphics and Multimedia, Artificial Intelligence, Computer Architecture and Organization, Operating Systems, Cyber Forensics, Cryptography and Network Security, Transmission Lines and Waveguides, Microprocessor and Microcontroller, Embedded Systems, Computer Networks, Python Programming.**

No. of Workshop/Conferences/ FDP Attended: FDP Workshop Conferences

No. of Workshop/Conferences/ FDP Organized: FDP Workshop Conferences

Professional Membership	IEEE, CSI, IETE		
Publications	No. of papers published in National Journals / Conferences :6		
	No. of papers published in International Journals / Conferences:1		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	-	-	-
Research Guidance	No. of UG Students Guided: 20 No. of PG Students Guided: NIL No. of Ph.Ds Guided: NA		
Research Funded Projects	NIL		
Patents	Filed: 2 Published:2 Granted: NIL		
Technology Transfer	NIL		
Achievements	1.Attended NITTT Module 4 and obtained 80% marks. 2.Attended NPTEL Exam "data Mining " and scored 71% . 3.Attended NPTEL Exam "Internet of Things" and scored 91%.		
Any Other Information	1.Criteria 3 Incharge in NBA 2.YRC Organizer . 3.IIC incharge - IT Department 4.CSI Incharge- IT Department 5.CISCO Incharge		



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Name : P.LEELA JANCY
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Email : leela.it@sairamit.edu.in



Qualification :

	B.E/B.Tech/B.Sc/ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
UG	B.E-ECE	30 April 2004	Govt.College Of Engineering, Manonmaniam Sundaranar University, Tirunelveli.	75.19%	First Class with Distinction
PG	B.E/B.Tech/B.Sc/ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.E – CSE	31 May 2007	Manonmaniam Sundaranar University, Tirunelveli.	76%	First Class with Distinction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	PHD(pursuing)	Machine Learning	Anna university		
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : Computer Science and Engineering

Research Interest : Machine Learning

Experience in years: Teaching Industry Research Others

Courses Taught in UG / PG Level:

No. of Workshop/Conferences/ FDP Attended: FDP Workshop Conferences

No. of Workshop/Conferences/ FDP Organized: FDP Workshop Conferences

Professional Membership	CSI,IEEE,IEI,ISTE		
Publications	No. of papers published in National Journals / Conferences :2		
	No. of papers published in International Journals / Conferences:4		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided:32 No.Of PG Students Guided:0 No.Of Ph.Ds Guided:0		
Research Funded Projects	NIL		
Patents	Filed:NIL Granted:NIL		
Technology Transfer			
Achievements			
Any Other Information	NIL		



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Email : gokul.it@sairamit.edu.in



Qualification : Ph.D

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	2006	Annamalai University	6.53	SECOND
PG	M.E/M.Tech/M.Sc / M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.E	2008	Annamalai University	7.75 CGPA	FIRST
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	28.12.2017	WEB SERVICE	Anna University		
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : WEB SERVICE

Research Interest : Cloud Computing

Experience in years: Teaching 13.7 Industry Research - Others

Professional Membership	IEEE, CSI,IET,ISTE,IAENG		
Publications	No. of papers published in National Journals / Conferences :2/9		
	No. of papers published in International Journals / Conferences:9/7		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: 50 No.Of PG Students Guided: 30 No.Of Ph.Ds Guided: NIL		
Research Funded Projects	NIL		
Patents	Filed:NIL Granted:-		
Technology Transfer			
Achievements			
Any Other Information			



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Accredited by NBA and NAAC 'A+' | An ISO 9001:2015 Certified and MHRD NIRF ranked institution
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



Name : **Dr.D.Muruga Radha Devi**
Designation : **Professor**
DOB : **06/03/1973**
Unique ID (College ID) : **IT14IT02**
Email : **murugaradha.it@sairamit.edu.in**



Qualification					
UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E(CSE)	Apr-1994	Bharathidasan University	70%	I
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.E(CSE)	Dec-2001	University of Madras	80%	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Ph.D(CSE)	Data Mining	Sathyabama University		
SLET Marks	NET Marks	Date of Eligibility			
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Area of Specialization :
Research Interest : AI /
Experience in years: Teaching Industry Research Others

Courses Taught in UG / PG Level: Big Data Analytics, Cryptography and Network Security,
Data warehousing and Data Mining
No. of Workshop/Conferences/ FDP Attended: FDP Workshop Conferences
No. of Workshop/Conferences/ FDP Organized: FDP Workshop Conferences

Courses Taught in UG / PG Level: Data Mining, Data Structures, Compiler Design, DAA,
Mobile Communication, Software Engineering

No. of Workshop/Conferences/ FDP Attended: FDP- 55 Workshop -15 Conferences-20

No. of Workshop/Conferences/ FDP Organized: FDP-15 Workshop -10 Conferences-7

Professional Membership	CSI,IEEE,IELISTE,IAENG						
Publications	No. of papers published in National Journals / Conferences : 8						
	No. of papers published in International Journals / Conferences: 19						
	No. of Books published : 02						
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication			
Name of the Book	ISBN No:	Year of Publication					
Research Guidance	No.Of UG Students Guided: 50 No.Of PG Students Guided: 4 No.Of Ph.Ds Guided: NIL						
Research Funded Projects	1.DST Project -1 Lakh " Wireless Camera for stalker Identification" 2.MoDRoB-7 lakhs from AICTE 3. SG-2 Lakhs from AICTE 4. TNSCST-5000 for the Project "Remoc" 5. E-Bike-50000 for the Project "Inferno" under Intra Mural Research						
Patents	Filed: 3 Granted: 2						
Technology Transfer	1. Orientation Programme on Innovation - IIC Mentee Institutions 2. Innovation Ambassador						
Achievements	1. Participated and Mentored 1 SIH and Won 1 time 2. Received Best HoD of the Year from CSI Mumbai Chapter for the Year 2019-2020 3. Best Faculty Advisor from IEI for Year 2019 and 2021 4. Acharya Puraskar Award from India Severs for the Year 2019						
Any Other Information	NIL						



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Name : **Dr.V.Brindha Devi**
Designation : **Professor & HoD**
DOB : 05-08-1979
Unique ID (College ID) : IT12IT01
Email : hodit@sairamit.edu.in



Qualification					
UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.E	April 2000	Bharathidasan University	65	First
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.E	April 2008	College of Engineering	8.1	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Dec 2017	Information & Communication	Anna University		
SLET Marks	NET Marks	Date of Eligibility			
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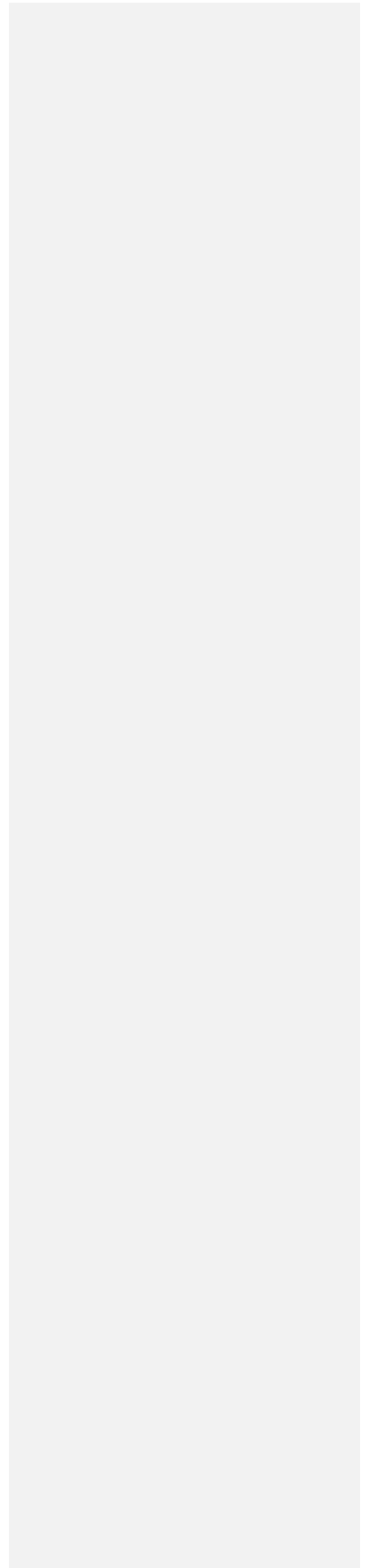
Area of Specialization : AI ,Data Mining
Research Interest : Deep Learning,Machine Learning
Experience in year s : Teaching 20 years 5 months Industry - Research -

Courses Taught in UG / PG Level : Big data analytics, computer networks and operating system

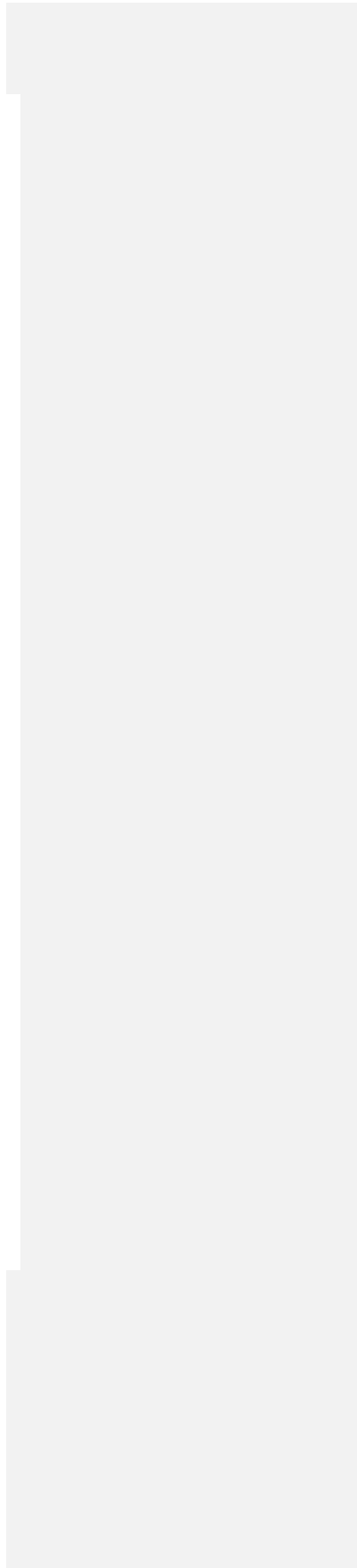
No. of Workshop/Conferences/ FDP Attended: FDP Workshop
Conferences

No. of Workshop/Conferences/ FDP Organized: FDP Workshop
Conferences

Professional Membership	IEEE		
Publications	No. of papers published in National Journals / Conferences :		
	No. of papers published in International Journals / Conferences: 4		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	-	-	-
Research Guidance	No.Of UG Students Guided: 4 No.Of PG Students Guided: NIL No.Of Ph.Ds Guided: NA		
Research Funded Projects	NIL		
Patents	Filed: 1 Granted: NIL		
Technology Transfer	-		
Achievements			
Any Other Information			



Any Other Information	1.Completed Advanced Diploma in Industrial Automation (PLC,SCADA & DCS) 2.Course in UNIX,C& C++ 3.NCC 'C' Certificate Holder 4.Attended One month Training In Malaysia On Eaton Holec PANEL Design
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DEPARTMENT OF MECHANICAL ENGINEERING

1. Program Details (B.E. Mechanical Engineering):

AY 2021-2022

Name of the Department	Name of the program being offered	Name of the program to be considered	Year of Start	No. of seats for the present AY	Duration	Cut-off Marks	Fees (as approved by Govt)
Mechanical Engineering	B.E Mechanical Engineering	B.E Mechanical Engineering	2011	60	4 years	159.59	55,000

AY 2020-2021

Name of the Department	Name of the program being offered	Name of the program to be considered	Year of Start	No. of seats for the present AY	Duration	Cut-off Marks	Fees (as approved by Govt)
Mechanical Engineering	B.E Mechanical Engineering	B.E Mechanical Engineering	2011	90	4 years	106.68	55,000

AY 2019-2020

Name of the Department	Name of the program being offered	Name of the program to be considered	Year of Start	No. of seats for the present AY	Duration	Cut-off Marks	Fees (as approved by Govt)
Mechanical Engineering	B.E Mechanical Engineering	B.E Mechanical Engineering	2011	120	4 years	122.91	55,000

Program Details (M.E. Industrial Safety Engineering):**AY 2021-2022**

Name of the Department	Name of the program being offered	Name of the program to be considered	Year of Start	No. of seats for the present AY	Duration	Eligibility	Fees (as approved by Govt)
Mechanical Engineering	M.E. Industrial Safety Engineering	M.E. Industrial Safety Engineering	2019	18	2 years	An undergraduate degree in any discipline of Engineering	Rs.76,500

AY 2020-2021

Name of the Department	Name of the program being offered	Name of the program to be considered	Year of Start	No. of seats for the present AY	Duration	Eligibility	Fees (as approved by Govt)
Mechanical Engineering	M.E. Industrial Safety Engineering	M.E. Industrial Safety Engineering	2019	18	2 years	An undergraduate degree in any discipline of Engineering	Rs.76,500

AY 2019-2020

Name of the Department	Name of the program being offered	Name of the program to be considered	Year of Start	No. of seats for the present AY	Duration	Eligibility	Fees (as approved by Govt)
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Mechanical Engineering	M.E. Industrial Safety Engineering	M.E. Industrial Safety Engineering	2019	18	2 years	An undergraduate degree in any discipline of Engineering	Rs.76,500
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Collaboration with Foreign University: No

Placement Details:

Year	Total No. of Outgoing Students	Total No. of Students Placed	Higher Studies	Entrepreneur	Total Placed	Percentage per year
2019-2020	97	66	1	0	67	69.07%
2020-2021	108	82	10	0	92	85.19%
2021-2022 (as on date)	68	23	0	5	23	33.82%

2. Faculty - B.E. Mechanical Engineering

Description	2021-2022	2020-2021	2019-2020
Total No. of Students in the Department (S)	234	379	399
No. of Faculty in the Department (F)	18	22	23

No. of Faculty in the Department (F)	13	17.2	17.34
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3. Details of the Faculty - B.E. Mechanical Engineering

List of Faculty During the AY 2021-2022

S.No.	Faculty Id	Name	Qualification	DOJ	Designation	Appointment Type
1	IT08PR01	Dr. K. PALANIKUMAR	M.E., Ph.D	01/09/2008	PROFESSOR & PRINCIPAL	Regular
2	IT17ME01	Dr. S.MURALI	M.E., MBA, Ph.D	15/06/2017	ASSOCIATE PROFESSOR	Regular
3	IT14ME02	Dr. G. SHANMUGASUNDAR	M.E., Ph.D	04/06/2014	PROFESSOR	Regular
4	IT08ME01	Dr. A. SRITHAR	M.E., Ph.D	01/08/2008	ASSOCIATE PROFESSOR	Regular
5	IT12ME01	Dr. K. VELAVAN	M.E., Ph.D	14/06/2012	ASSOCIATE PROFESSOR	Regular
6	IT13ME03	Mr. A.PONSHANMUGAKUMAR	M.E	29/07/2013	ASSOCIATE PROFESSOR	Regular
7	IT10ME01	Mr. J.M. PRABHUDASS	M.TECH,	28/06/2010	ASSOCIATE PROFESSOR	Regular
8	IT13ME02	Mr. B. KARTHIKEYAN	M.E	15/07/2013	ASSOCIATE PROFESSOR	Regular
9	IT14ME01	Dr. M.BALACHANDAR	M.TECH, Ph.D	23/01/2014	ASSISTANT PROFESSOR	Regular
10	IT14ME03	Mr. R.SANGAMA ESWARAN	M.E	04/06/2014	ASSISTANT PROFESSOR	Regular
11	IT14ME04	Mr. R. ARUN KUMAR	M.E	11/06/2014	ASSISTANT PROFESSOR	Regular
12	IT14ME05	Dr. M. MAREESWARAN	M.E, Ph.D	16/06/2014	ASSOCIATE PROFESSOR	Regular
13	IT14ME06	Dr. R.VIGNESWARAN	M.E, Ph.D	16/06/2014	ASSOCIATE PROFESSOR	Regular
14	IT14ME08	Mr. ASHWIN SAILESH	M.E	16/06/2014	ASSISTANT PROFESSOR	Regular

15	IT15ME01	Mr. E.BALAKRISHNAN	M.E	05/06/2015	ASSISTANT PROFESSOR	Regular
16	IT15ME04	Mr. P. NANTHAKUMAR	M.E	05.06.2015	ASSISTANT PROFESSOR	Regular
17	IT15ME07	Mr. S. BALASUBRAMANI	M.E	05.06.2015	ASSISTANT PROFESSOR	Regular
18	IT15ME05	Mr. S. MEGANATHAN	M.E	05.06.2015	ASSISTANT PROFESSOR	Regular

List of Faculty During the AY 2020-2021

S.No.	Faculty Id	Name	Qualification	DOJ	Designation	Appointment Type
1	IT08PR01	Dr. K. PALANIKUMAR	M.E., Ph.D	01/09/2008	PROFESSOR & PRINCIPAL	Regular
2	IT17ME01	Dr. S.MURALI	M.E., MBA, Ph.D	15/06/2017	ASSOCIATE PROFESSOR	Regular
3	IT14ME02	Dr. G. SHANMUGASUNDAR	M.E., Ph.D	04/06/2014	PROFESSOR	Regular
4	IT08ME01	Mr. A. SRITHAR	M.E	01/08/2008	ASSOCIATE PROFESSOR	Regular
5	IT12ME01	Mr. K. VELAVAN	M.E	14/06/2012	ASSOCIATE PROFESSOR	Regular
6	IT13ME03	Mr. A.PONSHANMUGAKUMAR	M.E	29/07/2013	ASSOCIATE PROFESSOR	Regular
7	IT10ME01	Mr. J.M. PRABHUDASS	M.TECH	28/06/2010	ASSOCIATE PROFESSOR	Regular
8	IT11ME01	Mr.P.RAMU	M.E	18/08/2011	ASSOCIATE PROFESSOR	Regular
9	IT13ME02	Mr. B. KARTHIKEYAN	M.E	15/07/2013	ASSOCIATE PROFESSOR	Regular
10	IT12ME02	Mr.D.KASINATHAN	M.E	09/07/2012	ASSISTANT PROFESSOR	Regular
11	IT14ME01	Mr.M.BALACHANDAR	M.TECH	23/01/2014	ASSISTANT PROFESSOR	Regular
12	IT14ME03	Mr. R.SANGAMA ESWARAN	M.E	04/06/2014	ASSISTANT PROFESSOR	Regular

13	IT14ME04	Mr. R. ARUN KUMAR	M.E	11/06/2014	ASSISTANT PROFESSOR	Regular
14	IT14ME05	Dr. M. MAREESWARAN	M.E, Ph.D	16/06/2014	ASSOCIATE PROFESSOR	Regular
15	IT14ME06	Dr. R.VIGNESWARAN	M.E, Ph.D	16/06/2014	ASSOCIATE PROFESSOR	Regular
16	IT14ME07	Mr.R.SRIDHAR	M.E	16/06/2014	ASSISTANT PROFESSOR	Regular
17	IT14ME08	Mr. ASHWIN SAILESH	M.E	16/06/2014	ASSISTANT PROFESSOR	Regular
18	IT15ME02	Mr. N.PREM KUMAR	M.E	05/06/2015	ASSISTANT PROFESSOR	Regular
19	IT15ME01	Mr. E.BALAKRISHNAN	M.E	05/06/2015	ASSISTANT PROFESSOR	Regular
20	IT15ME04	Mr. P. NANTHAKUMAR	M.E	05.06.2015	ASSISTANT PROFESSOR	Regular
21	IT15ME07	Mr. S. BALASUBRAMANI	M.E	05.06.2015	ASSISTANT PROFESSOR	Regular
22	IT15ME05	Mr. S. MEGANATHAN	M.E	05.06.2015	ASSISTANT PROFESSOR	Regular

List of Faculty During the AY 2019-2020

S.No.	Faculty Id	Name	Qualification	DOJ	Designation	Appointment Type
1	IT08PR01	Dr. K. PALANIKUMAR	M.E., Ph.D	01/09/2008	PROFESSOR & PRINCIPAL	Regular
2	IT10ME02	Dr.T.SRINIVASAN	M.E., Ph.D	13/08/2010	ASSOCIATE PROFESSOR	Regular
3	IT17ME01	Dr. S.MURALI	M.E., MBA, Ph.D	15/06/2017	ASSOCIATE PROFESSOR	Regular
4	IT14ME02	Dr. G. SHANMUGASUNDAR	M.E., Ph.D	04/06/2014	PROFESSOR	Regular
5	IT08ME01	Mr. A. SRITHAR	M.E	01/08/2008	ASSOCIATE PROFESSOR	Regular
6	IT12ME01	Mr. K. VELAVAN	M.E	14/06/2012	ASSOCIATE PROFESSOR	Regular

7	IT13ME03	Mr. A.PONSHANMUGAKUMAR	M.E	29/07/2013	ASSOCIATE PROFESSOR	Regular
8	IT10ME01	Mr. J.M. PRABHUDASS	M.TECH	28/06/2010	ASSOCIATE PROFESSOR	Regular
9	IT11ME01	Mr.P.RAMU	M.E	18/08/2011	ASSOCIATE PROFESSOR	Regular
10	IT13ME02	Mr. B. KARTHIKEYAN	M.E	15/07/2013	ASSOCIATE PROFESSOR	Regular
11	IT12ME02	Mr.D.KASINATHAN	M.E	09/07/2012	ASSISTANT PROFESSOR	Regular
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13	IT14ME03	Mr. R.SANGAMA ESWARAN	M.E	04/06/2014	ASSISTANT PROFESSOR	Regular
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17	IT14ME07	Mr.R.SRIDHAR	M.E	16/06/2014	ASSISTANT PROFESSOR	Regular
18	IT14ME08	Mr. ASHWIN SAILESH	M.E	16/06/2014	ASSISTANT PROFESSOR	Regular
19	IT15ME02	Mr. N.PREM KUMAR	M.E	05/06/2015	ASSISTANT PROFESSOR	Regular
20	IT15ME01	Mr. E.BALAKRISHNAN	M.E	05/06/2015	ASSISTANT PROFESSOR	Regular
21	IT15ME04	Mr. P. NANTHAKUMAR	M.E	05.06.2015	ASSISTANT PROFESSOR	Regular
22	IT15ME07	Mr. S. BALASUBRAMANI	M.E	05.06.2015	ASSISTANT PROFESSOR	Regular
23	IT15ME05	Mr. S. MEGANATHAN	M.E	05.06.2015	ASSISTANT PROFESSOR	Regular

Details of the Faculty - M.E. Industrial Safety Engineering

S.No.	Faculty Id	Name	Qualification	DOJ	Designation	Appointment Type
1	IT08PR01	Dr. K. PALANIKUMAR	M.E., Ph.D	01/09/2008	PROFESSOR & PRINCIPAL	Regular
2	IT17ME01	Dr. S.MURALI	M.E., MBA, Ph.D	15/06/2017	ASSOCIATE PROFESSOR	Regular
3	IT14ME02	Dr. G. SHANMUGASUNDAR	M.E., Ph.D	04/06/2014	PROFESSOR	Regular
4	IT13ME03	Mr. A.PONSHANMUGAKUMAR	M.E	29/07/2013	ASSOCIATE PROFESSOR	Regular
5	IT13ME02	Mr. B. KARTHIKEYAN	M.E	15/07/2013	ASSOCIATE PROFESSOR	Regular
6	IT14ME04	Mr. R. ARUN KUMAR	M.E	11/06/2014	ASSISTANT PROFESSOR	Regular
7	IT14ME05	Dr. M. MAREESWARAN	M.E, Ph.D	16/06/2014	ASSOCIATE PROFESSOR	Regular
8	IT14ME06	Dr. R.VIGNESWARAN	M.E, Ph.D	16/06/2014	ASSOCIATE PROFESSOR	Regular

9. Computing Facilities

Description	Details
Internet Bandwidth	100MBPS
Number and configuration of the system	71 systems - Dell Desktop, 4th generation core i3 processor, 4GB RAM, 500GB HDD, 18.5" LED Monitor
Total number of systems connected by LAN	71 nos.
Total number of systems connected by WAN	5 nos.
Major Software Packages Available	AutoCAD, Creo, ANSYS, EdgeCAM, CATIA

Special purpose facilities available (For conduct of online meetings / Webinars / Workshops etc)

A dedicated Seminar Hall with the latest ICT tools, AV hall and a smart classroom available for the conduct of online meetings, webinars etc.

Teaching Learning Process

Curriculum (B.E. Mechanical Engineering - R2020)

Curriculum / MECH

AUTONOMOUS CURRICULUM AND SYLLABI Regulations 2020

SEMESTER I

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20BSMA101	Engineering Mathematics-I	3	1	0	4	4
2	20HSEN101	Technical English-I	3	0	0	3	3
3	20BSPH101	Engineering Physics	3	0	0	3	3
4	20BSCY101	Engineering Chemistry	3	0	0	3	3
5	20ESCS101	Problem solving and Programming in C	3	0	0	3	3
6	20ESGE101	Engineering Graphics	1	2	0	3	3
PRACTICAL							
7	20BSPL101	Physics and Chemistry Lab	0	0	3	3	1.5
8	20ESPL101	Programming in C lab	0	0	3	3	1.5
VALUE ADDITIONS - I							
9	20TPHS101	Skill Enhancement	0	0	2	2	1
10	20HSMG101	Personal Values	2	0	0	2	0
TOTAL						29	23

SEMESTER II

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20BSMA201	Engineering Mathematics-II	3	1	0	4	4
2	20HSEN201	Technical English-II	3	0	0	3	3
3	20ESIT201	Python Programming with Lab	3	0	2	5	4
4	20BSCY201	Environmental Science and Engineering	3	0	0	3	3
5	20ESEE201	Electrical Technology with Lab	3	0	2	5	4
6	20BSPH202	Physics of Materials	3	0	0	3	3
PRACTICAL							
7	20ESGE201	Engineering Practices Laboratory	0	0	3	3	1.5
VALUE ADDITIONS - II							
8	20TPHS201	Skill Enhancement	0	0	2	2	1
9	20HSMG201	Interpersonal Values	2	0	0	2	0
TOTAL						31	23.5

SEMESTER III

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20ESCE201	Engineering Mechanics	3	0	0	3	3
2	20MEPC301	Manufacturing Processes	3	0	0	3	3
3	20MEPC302	Basic Thermal Sciences	3	1	0	4	4
4	20MEPC303	Engineering Metallurgy	3	0	0	3	3
5	20BSMA303	Partial Differential Equations and Probability Theory	3	1	0	4	4
6	20CEPC306	Fluid Mechanics and Machinery	3	0	0	3	3
PRACTICAL							
7	20MEPL301	Manufacturing Processes Laboratory	0	0	3	3	1.5
8	20MEPL302	Computer Aided Drafting Laboratory	0	0	3	3	1.5
VALUE ADDITIONS - III							
9	20METE301	Live-in Lab I	0	0	2	2	1
10	20METP301	Skill Enhancement	0	0	2	2	1
TOTAL						27	25

SEMESTER IV

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20MEPC401	Measurement and Control Systems	3	0	0	3	3
2	20MEPC402	Metrology, Measurements and Computer Aided Inspection	3	0	0	3	3
3	20MEPC403	Computer Aided Design and Manufacturing	3	0	0	3	3
4	20MEPC404	Applied Thermal Sciences	3	0	0	3	3
5	20BSMA403	Statistics and Numerical Methods	3	1	0	4	4
6	20CEPC405	Strength of Materials	3	0	0	3	3
PRACTICAL							
7	20MEPL401	Metrology and Measurements Laboratory	0	0	3	3	1.5
8	20CEPL403	Strength of Materials and Fluid Mechanics & Machinery Laboratory	0	0	3	3	1.5
VALUE ADDITIONS - IV							
9	20METE401	Live-in Lab II	0	0	2	2	1
10	20METP401	Skill Enhancement	0	0	2	2	1
TOTAL						29	24

SEMESTER V

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20MEPC501	Automotive Systems	3	0	0	3	3
2	20MEPC502	Robotics	3	0	0	3	3
3	20MEPC503	Theory of Machines	3	0	0	3	3
4	20MEPC504	Design of Machine Elements	3	1	0	4	4
5	20XXELXXX	Professional Elective-I	3	0	0	3	3
PRACTICAL							
6	20MEPL501	3D Modeling and Computer Aided Manufacturing Laboratory	0	0	3	3	1.5
7	20MEPL502	Kinematics and Dynamics Laboratory	0	0	3	3	1.5
8	20HSPL501	Communication and Soft Skills Laboratory	0	0	2	2	1
9	20METE501	Live-in Lab III	0	0	4	4	2
VALUE ADDITIONS - V							
10	20METP501	Skill Enhancement	0	0	2	2	1
TOTAL						30	23

SEMESTER VI

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20MEPC601	Design of Transmission Systems	3	0	0	3	3
2	20MEPC602	Heat Transfer	3	0	0	3	3
3	20MEPC603	Mechatronics	3	0	0	3	3
4	20XXELXXX	Professional Elective-II	3	0	0	3	3
5	20XXOEXXX	Open Elective-I	3	0	0	3	3
PRACTICAL							
6	20MEPL601	Thermal Science Laboratory	0	0	3	3	1.5
7	20MEPL602	Mechatronics and Robotics Laboratory	0	0	3	3	1.5
8	20MEPJ601	Innovative Design and Fabrication Project	0	0	2	2	1
VALUE ADDITIONS - VI							
9	20METP601	Skill Enhancement	0	0	2	2	1
10	20MGMC301	Constitution of India	2	0	0	2	0
TOTAL						27	20

SEMESTER VII

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20HSMG601	Principles of Engineering Management	3	0	0	3	3
2	20MEPC701	Finite Element Analysis	3	0	0	3	3
3	20MEPW701	3D Printing and Sustainable Design with Lab	3	0	2	5	4
4	20XXELXXX	Professional Elective-III	3	0	0	3	3
5	20XXOEXXX	Open Elective-II	3	0	0	3	3
PRACTICAL							
6	20MEPL701	Computer Aided Simulation and Analysis Laboratory	0	0	3	3	1.5
7	20MEPJ701	Project Phase-I	0	0	4	4	2
VALUE ADDITIONS - VII							
8	20METP701	Skill Enhancement	0	0	2	2	1
TOTAL						26	20.5

SEMESTER VIII

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20XXELXXX	Professional Elective - IV	3	0	0	3	3
PRACTICAL							
2	20MEPJ801	Project Phase - II	0	0	8	8	4
TOTAL						11	7

CREDIT DISTRIBUTION

Category	BS	ES	HS	EL	PC+PL	PW	OE	TE	PJ	TP	IS	MC	TOTAL
Credit	29.5	10	20	12	66.5	4	6	4	7	7	3	Y	169
Percentage	17.46	5.92	11.83	7.10	39.35	2.37	3.55	2.37	4.14	4.14	1.78	-	100

*IS-Internship

Syllabus for M.E. ISE

Autonomous Syllabus for P.G Course

REGULATIONS 2020 :: M.E. INDUSTRIAL SAFETY ENGINEERING

I TO IV SEMESTERS (FULL TIME) CURRICULUM AND SYLLABUS

SEMESTER – I

SL. NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	20PISMA101	Probability and Statistical Methods	MA	3	3	0	0	3
2.	20PISPC101	Principles of Safety Management	PC	3	3	0	0	3
3.	20PISPC102	Environmental Safety	PC	3	3	0	0	3
4.	20PISPC103	Occupational Health and Industrial Hygiene	PC	3	3	0	0	3
5.	20PISPC104	Industrial Safety, Health and Environment Acts	PC	3	3	0	0	3
6.	20PISPE1XX	Professional Elective I	PE	3	3	0	0	3
PRACTICAL								
7.	20PISEE101	Industrial safety and Hazard analysis case studies & Report writing	EE	2	0	0	2	1
8.	20PISEE102	Skill Development Training	EE	2	0	0	2	1
9.	20PISTE101	Innovative Safety Engineering Design-Live –In - Project - I	TE	2	0	0	3	1.5
TOTAL				26	18	0	7	21.5

SEMESTER - II

SL. NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	20PISPC201	Fire Engineering and Explosion Control	PC	3	3	0	0	3
2.	20PISPC202	Computer Aided Hazard Analysis	PC	3	3	0	0	3
3.	20PISPC203	Electrical Safety	PC	3	3	0	0	3
4.	20PISPC204	Safety in Chemical Industries	PC	3	3	0	0	3
5.	20PISPC205	Machine Learning & Artificial Intelligence for Industrial Safety	PC	3	3	0	0	3
6.	20PISEL2XX	Professional Elective II	PE	3	3	0	0	3
PRACTICAL								
7.	20PISPL201	Industrial Safety Laboratory	PL	3	0	0	3	1.5
28.	20PISTE201	Innovative Safety Engg. Design <u>live</u> –in Project - II	TE	4	0	0	4	2
VALUE ADDED COURSES								
9.	20PISTP201	Internship (Industrial Safety Assessment / <u>Audit</u> and report Submission)	TP	2	0	0	2	1
TOTAL				27	18	0	09	22.5

SEMESTER III

SL. NO.	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
THEORY								
1.	20PISPC301	Safety in Engineering Industry 4.0	PC	3	3	0	0	3
2.	20PISEL3XX	Professional Elective III	EL	3	3	0	0	3
3.	20PISEL3XX	Professional Elective IV	EL	3	3	0	0	3
PRACTICAL								
4.	20PISPJ301	Project Work Phase I	PJ	12	0	0	12	6
5.	20PISTP301	Data Analytics in safety engineering & Art of Journal Publication	TE	3	0	0	3	1
TOTAL				24	9	0	16	16

SEMESTER IV

SL. NO	COURSE CODE	COURSE TITLE	CATEGORY	CONTACT PERIODS	L	T	P	C
PRACTICAL								
1.	20PISPJ401	Project Work Phase II	PJ	20	0	0	20	10
TOTAL				20	0	0	20	10



TOTAL CREDITS = 70

CATEGORY WISE CREDITS

SL. NO.	CATEGORY	Total Credits
1.	BASIC SCIENCE (BS)	03
2	PROFESSIONAL CORE (PC)	30
3	PROFESSIONAL LABORATORY(PL)	01
4	TRAINING AND PLACEMENT (TP)	03
5	TALENT ENABLING COURSES (TE)	05
6	ELECTIVES (EL)	12
7	PROJECT WORK (PJ)	16
TOTAL		70

Laboratory for M.E Industrial Safety Engineering



Academic Calendar

Sri Sai Ram Institute of Technology Chennai - 44		DEPARTMENT DOCUMENTS		EOMS CODE:	
		DEPARTMENT – IQAC		REV NO: 01	
				DATE: 30.08.2021	
ACADEMIC CALENDAR ODD Semester 2021-2022					
S.No.	Programme	Tentative Dates			
		I Year	II Year	III Year	IV Year
01	Program Assessment Committee Meeting	27.08.2021 to 04.09.2021			
02	Department Advisory Board Meeting	08.09.2021 to 18.09.2021			
03	Budget Committee Meeting	22.09.2021			
04	Library Coordinating Committee Meeting	23.08.2021			
05	Research Advisory Board Meeting	24.09.2021			
06	IIPC Advisory Board Meeting	27.09.2021			
07	Planning and Monitoring Committee Meeting	29.09.2021			
08	Grievance and Redressal Committee Meeting	Every Month – Fourth Week – Friday			
09	Examination Committee Meeting	02.09.2021			
10	Clubs and Cells Coordinating Committee Meeting	Every Month – Third Week - Friday			
11	Sports Committee Meeting	Every Month – Second Week - Friday			
12	IQAC Meeting I	06.10.2021			
13	4th Board of Studies Meeting	Second Week of December 2021			
14	3rd Academic Council Meeting	Second Week of September 2021			
15	25th Governing Council Meeting	21.10.2021 *			
16	Skill Enhancement Training Program	23.08.2021 to 30.08.2021			

17	FDP & Faculty Orientation Program	30.09.2021			
18	Commencement of Classes *	-	19.08.2021	05.08.2021	05.08.2021
19	Orientation and Bridge Course	-	19.08.2021	-	-
20	Association Activities Inauguration	As per Department calendar			
21	Class Committee Meeting - I	Third week from the commencement of the semester			
22	First year students Induction Program	07.10.2021*			
23	Zeroth Project Review	-			08.09.2021 to 10.09.2021
24	Submission of Question Paper for CAT1	-	18.09.2021	30.08.2021	30.08.2021
25	Question Paper Scrutiny for CAT I	-	20.09.2021	31.08.2021	31.08.2021
26	Industrial Lecture Series/ Field Visit/Virtual IV		Every Month - Fourth Week - Saturday*		
27	Continuous Assessment Test - I		22.09.2021 - 28.09.2021	01.09.2021 to 07.09.2021	
28	CAT I - Valuation		from 22.09.2021 to 01.10.2021(For II year) from 01.09.2021 to 10.09.2021(for III and IV years)		
29	Display of CAT I Marks in EDUMATE portal & Communication to Parents		04.10.2021	11.09.2021	
30	CAT I Result Review Meeting		04.10.2021	11.09.2021	
31	Intra Departmental Academic Audit - I	06.10.2021			
32	Extension, Club and IIC Activities	Second Saturday - Every Month			
33	Class Committee Meeting - II	One week after completion of the CAT I			
34	First Project Review			18.11.2021 and 19.11.2021	
35	Industry Connect Event				

36	PTA Meeting	Eighth week after Commencement of classes		
37	Submission of Question Paper for CAT II		20.10.2021	29.09.2021
38	Question Paper Scrutiny for CAT II		22.10.2021	30.09.2021
39	CAT II		25.10.2021 to 30.10.2021	04.10.2021 to 09.10.2021
40	CAT II - Valuation		from 25.10.2021 to 02.11.2021(For II year) from 04.10.2021 to 12.10.2021(for III and IV years)	
41	Display of CAT II Marks in EDUMATE & Communication to Parents		02.11.2021	12.10.2021
42	CAT II Result Review Meeting		08.11.2021	14.10.2021
43	Intra Departmental Academic Audit – II		10.11.2021	
44	Technical Symposium		22.11.2021 to 23.11.2021	
45	IQAC MEETING II		07.01.2022	
46	Practical Model Examinations I		01.12.2021	17.11.2021 - 19.11.2021
47	Submission of Question Paper for CAT - III		26.11.2021	04.11.2021
48	Question Paper Scrutiny for CAT III		27.11.2021	05.11.2021
49	Professional Chapter Activities		As per department Calendar	
50	Alumni Meet		As per department Calendar	
51	Alumni Talk program		As per department Calendar	
52	Class Committee Meeting – III		One week after the completion of CAT II	
53	Last working day		15.12.2021	01.12.2021

54	Last date for Syllabus Completion Theory and Practical		27.11.2021	06.11.2021
55	Students' Online feedback		05.12.2021	14.11.2021
56	CAT III		29.11.2021 to 04.12.2021	08.11.2021 to 13.11.2021
57	Display of CAT III Marks in EDUMATE portal & Communication to Parents		07.12.2021	17.12.2021
58	End Semester Meeting		06.12.2021	18.11.2021
59	End Semester Question paper feedback in EDUMATE	Within three days after the the examination		
60	Pass Board Meeting		As per the CoE Calendar	
61	CAT III Result Review Meeting		07.12.2021	15.11.2021
62	Academic Audit (Inter Departmental) – III	13.12.2021 - 20.12.2021		
63	CAT I, II & III Question Paper – Quality Audit	As per the CoE Calendar		
64	End semester Practical Examinations		06.12.2021	22.11.2021
65	Submission of Attendance and eligible candidate list for End semester examination		01.12.2021	15.11.2021
66	End Semester Theory Exam		16.12.2021	02.12.2021
67	ISO Internal Audit	16.08.2021(Already conducted) -SEC 10.12.2021 & 11.12.2021 (To be conducted)		
68	Management Review Meeting	16.09.2021		
69	ISO External Audit	1 st week of November 2021		
70	AgriIdea Hackathon	23.09.2021		
71	Sairam SDG Solvathon	16.09.2021		

Teaching Load for each Faculty:

DEPARTMENT OF MECHANICAL ENGINEERING
WORKLOAD - EVEN SEMESTER – 2019 -20

S No	Staff Name	Theo	lab	SH-T	Sh-L	Total
1	Srithar A	5				5
2	Prabhudass J M	10	3			13
3	Ramu P	6	3			9
4	Velavan K	5	6		3	14
5	Kasinathan D	9	6			15
6	Karthikeyan B	9	6			15
7	Ponshanmuga kumar A	5		3	3	11
8	Balachandar M	10			3	13
9	Dr. Shanmugasundar G	5				5
10	Sangama Eswaran R	10			3	13
11	Sridhar R	10	3			13
12	Mareeswaran M	8	6			14
13	Ashwin Sailesh	9				9
14	Vigneswaran R	8			3	11
15	Arunkumar R	10			3	13
16	Premkumar N	9			3	12
17	Balakrishnana E	4	3		3	10
18	Nanthakumar P	6	6			12
19	Balasubramani S	7	3			10
20	Meganathan S		3	5	3	11
21	Dr. Murali S	3	6			9

DEPARTMENT OF MECHANICAL ENGINEERING
WORKLOAD - ODD SEMESTER – 2020-2021

S No	Staff Name	Theo	lab	other	PG-T	SH-T (EG)	Total
1	Srithar A					6	6
2	Prabhudass J M	9		4		6	19
3	Ramu P	4	6			6	16
4	Velavan K	4	6	2		6	18
5	Kasinathan D	5	6			6	17
6	Karthikeyan B	10	6				16
7	Ponshanmuga kumar A	5		2	3	6	16
8	Balachandar M	9	3	2			14
9	Dr. Shanmugasundar G	4				6	10
10	Sangama Eswaran R	9	6				15
11	Sridhar R	9	6				15
12	Mareeswaran M	10		2	3		15
13	Ashwin Sailesh	4	6	1		6	17
14	Vigneswaran R	9	6		3		18
15	Arunkumar R	9	3	1			13
16	Premkumar N	7	3			6	16
17	Balakrishnana E	10	3				13
18	Nanthakumar P	8		4		6	18
19	Balasubramani S	8	3	2			13
20	Meganathan S	9	3	2			14
21	Dr. Murali S	7	6				13

Any Other Information	
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SYLLABUS

<https://sairamit.edu.in/curriculum-syllabus/>

Department of Management Studies

Programme

S No	Detail	
1	Name	Master of Business Administration
2	Number of seats	60
3	Duration	2 years
4	Cut off marks/rank of admission during the last three years	2019 : 18.66 2020 : 19.65 2021 : 22.43
5	Fee (as approved by the state government)	
6	Placement Facilities	Training and Placement cell
7	Campus placement in last three years with minimum salary ,maximum salary and average salary	2019 : Min 2.2 lakh Max : 3.25 lakh 2020 : Min 2.4 lakh Max : 3.45 lakh 2021 : Min 2.2 lakh Max : 3.80 lakh
8	Status of Accreditation	Applied for SAR and results awaited

Faculty

Course/Branch wise list Faculty members:

S No	Faculty Name	Designation
1	Dr.C.R.Senthilnathan	HoD & Professor
2	Dr.V.Selvakumar	Associate Professor
3	Dr.K.Baranidharan	Associate Professor
4	Dr.S.Helen Roselin Gracy	Associate Professor
5	Mr.R.Udhayasankar	Assistant Professor
6	Dr.P.S.Immaculate	Assistant Professor
7	Mr.R.Sridharan	Assistant Professor
8	Mr.S.Sathishkumar	Assistant Professor
9	Ms V.Jhansi	Assistant Professor
10	Ms. T.Ilakkiya	Assistant Professor

S No	Detail	
1	Permanent Faculty	10
2	Adjunct Faculty	1
3	Permanent Faculty: Student Ratio	1 : : 9.6
4	Number of Faculty employed and left during the last three years	Employed: 3 Left : 1

Teaching Learning Process

Academic Time Table with the name of the Faculty members handling the Course:

		1 09.10 - 10.00	2 10.00 - 10.50	3 11.05 - 11.55	4 11.55 - 12.35	5 12.35 - 01.15	6 01.15 - 02.05	7 02.05 - 02.55	8 03.10 - 04.00
MON	II	IBM	MA	PA	SDM	Lunch	IRLW	SHRM	NPS
			FA	IAPM	IBFS		FA	IBFS	IAPM
			SCLM	PM	SOI		SOI	SCLM	PM
I	ACC	EM	CL I	Lunch	OB	STATS	EAM	POM	
TUES	II	STM	IBM	IRLW	NPS	Lunch	PA	MA	SHRM
				FA	IAPM		IAPM	FA	IBFS
				SOI	PM		PM	SCLM	SCLM
I	LBE	OB	STATS	Lunch	EAM	EM	ACC	POM	
WED	II	IBM	STM	MA	SDM	Lunch	IRLW	SDM	NPS
				FA	IBFS		FA	IBFS	IAPM
				SCLM	SOI		SOI	SOI	PM
I	L&MS		LBE	Lunch	OB	L&MS	STATS	LBE	
THUR	II	STM	NPS	PA	SHRM	Lunch	CASE LAB III		
			IAPM	IAPM	IBFS				
			PM	PM	SCLM				
I	EM	EAM	CL I	Lunch	CL I	STATS	POM	ACC	
FRI	II	STM	IBM	SHRM	IRLW	Lunch	SDM	PA	MA
				IBFS	FA		IBFS	IAPM	FA
				SCLM	SOI		SOI	PM	SCLM
I	POM	ACC	EAM	Lunch	OB	LBE	EM	STATS	

Teaching Load of each Faculty

S. No.	NAME	I Sem	III Sem
1	Dr. C R Senthilnathan	Business Statistics and Analysis for Decision Making	
2	Dr. V Selvakumar	Entrepreneurship	1. Strategic Management

		Management	2. Project Management
3	Dr. S Helen Roselin Gracy	Principles of Management	1. International Business Management 2. People Analytics 3. Strategic Operations and Innovations
4	Dr. K Baranidharan		1. Investment Analysis and Portfolio Management 2. Industrial Relation and Labour Welfare 3. Supply Chain and Logistics Management
5	Dr. P s Immaculate	Organizational Behaviour	1. Marketing Analytics 2. New Product Strategies and Brand Management 3. Indian Banking and Financial Services
6	Mr. R Udhayasankar	Accounting for Decision Making	1. Indian Banking and Financial Services 2. Project Management 3. Financial Analytics
7	Mr. R Sridharan	Legal & Business Environment	1. Investment Analysis and Portfolio Management 2. Strategic Human Resource Management
8	Mr. S Sathishkumar	Economic Analysis for Managers	1. Financial Analytics 2. Social and Digital Marketing

Internal Continuous Evaluation System and place : Continuous assessment Test I,II and III conducted by the controller of examination (Autonomous)

Student's assessment of Faculty, System in place : Students feedback is collected every semester.

For each Post Graduate Courses give the following:

Title of the Course : Master of Business Administration (MBA)

Curricula and Syllabi : Attached here with

Laboratory facilities exclusive to the Post Graduate Course : Data Analysis (Lab) - 60
Desktop PC installed with MS Excel for Statistical Data Analysis



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Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



Name : Dr. C.R.Senthilnathan
Designation : Professor
DOB : 08/04/1965
Unique ID (College ID) : IT11MB01
Email : senthilnathan.mba@sairamit.edu.in
Qualification :



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc	1985	Madras Univ	70	II
	AMIE	1988	IE	56	
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	MA	1987	Madras Univ	56	II

	MBA	2004	IGNOU	3.45	
M.Phil	M.Phil	1989	Madras Univ	62	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	July/2014	CRM	Manonmaniam Sundaranar University		
SLET	NET Marks	Date of Eligibility			
	-	-			

Area of Specialization	: Operations, Marketing, Behavioural Economics				
Research Interest	: Consumer Behaviour, Business Analytics				
Experience in years	Teaching	Research	Industry	Others	
	10.	-	22	-	
Courses Taught in UG / PG Level	: 1. TQM 2. Strategic Mgt 3. Project Mgt 4. Business Analytics (Lab)				
No. of Workshop /Conferences/ FDP attended	Workshop	Conferences	FDP		
	3	8	5		
No. of Workshop/ Conferences/ FDP Organized	Workshop	Conferences	FDP		
	1	2			
Professional Membership	: IAA, ISTE, IEEE				
Publications	No. of papers published in National Journals / Conferences :2				
	No. of papers published in International Journals / Conferences:26				
	No. of Books published :3				
	Name of the Book	ISBN No:	Year of Publication		
	1. Chapter contribution in Significance of	ISBN:978-81-955229-1-0	2021		
	Publisher: Multi				

	<p>Multidisciplinary Global Research: Arts, Science, Humanities and Social Sciences.</p> <p>2. Chapter contributed in Emerging Trends in Banking & Finance</p> <p>3. Book Edited "Impact of covid-19 on global economy</p>	<p>Spectrum Publications</p> <p>ISBN: 978-93-90996-49-0</p> <p>Publisher : Archers & Elevators Publishing House</p> <p>ISBN:978-81-947149-5-8</p> <p>Publisher : SIMS</p>	<p>2021</p> <p>2019</p>
Research Guidance	<p>No.Of UG Students Guided: Nil</p> <p>No.Of PG Students Guided: 110</p> <p>No.Of Ph.Ds Guided: Nil</p>		
Research Funded Projects	Nil		
Patents	<p>Filed: 1</p> <p>Granted: Nil</p>		
Technology Transfer	: Nil		
Achievements	: Nil		
Any Other Information	: Nil		



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Name : DR V. SELVAKUMAR
Designation : ASSOCIATE PROFESSOR
DOB :29/11/1968
Unique ID (College ID) : IT09MB01
Email : selvakumar.mba@sairamit.edu.in



UG	B.E./B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
<hr/>					

	BE	30-04-1990	Madras University	60.2	First Class
PG	M.E/ M.Tech/MBA/Mphil	Date of Completion	University	% of Marks	Class
	MBA	30-09-1997	Annamalai University	66.2	First Class
	MPHIL	30-06-2007	Periyar University	63.8	First Class
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	20-02-2020	Management Studies	Anna University		
SLET Marks	NET Marks	Date of Eligibility	28-12-2008		
-	Passed				

Area of Specialization : Marketing, Human resource

Research Interest : Human resource Management, Operations

No. of Workshop/Conferences/ FDP attended : 2

Experience in years : Teaching : 8.6

Courses Taught in UG / PG Level:

No. of Workshop/Conferences/ FDP Organized : 5

1.Principle of Management
2.Managing Operation

Works
hop

Research Industry
Others

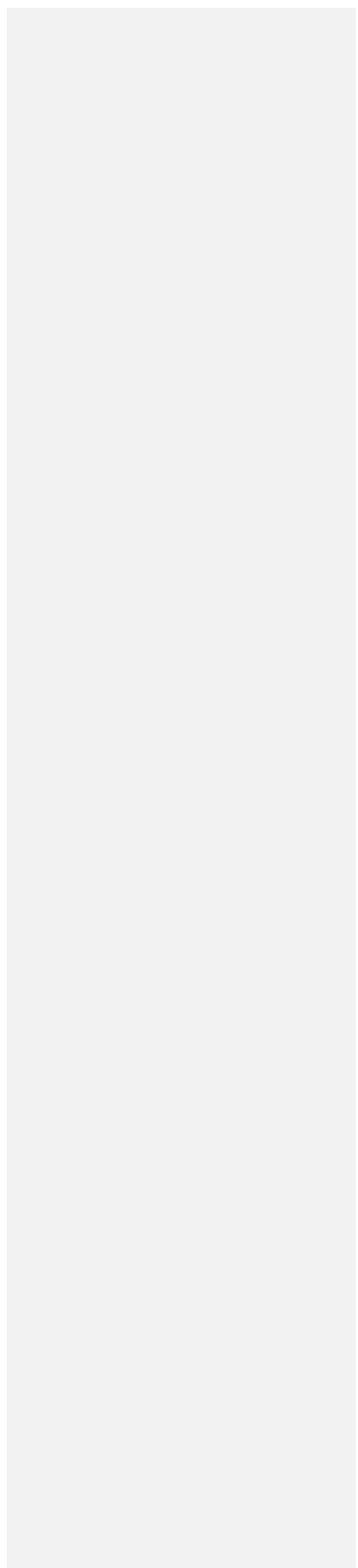
Conferences FDP
5

4

Conferences
FDP

6

2



Professional Membership	Indian Society for Technical Education (ISTE) Institute of Electrical and Electronics Engineers (IEEE)
Publications	No. of papers published in National Journals / Conferences : 2
	No. of papers published in International Journals / Conferences 14
	No. of Books published : 1 Name of the Book ISBN No: Year of Publication IMPACT OF ISBN 978-81- 2020 COVID-19 ON 947149-7-2 EDUCATION, TECHNOLOGY AND AGRICULTURE
Research Guidance	No.Of UG Students Guided: NIL No.Of PG Students Guided: 86 No.Of Ph.Ds Guided: NIL
Research Funded Projects	NIL
Patents	Filed: NIL Granted: NIL
Technology Transfer	NIL
Achievements	Qualified in National Eligibility Test (NET) 2008 Awarded for producing 100 % result
Any Other Information	NIL



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Name : Mrs. Jhansi. V

Designation : Assistant Professor

DOB : 27-02-1990

Unique ID (College ID) : IT22MB01

Email : Jhansi.mba@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	BBA	May 2010	Madras University	67	I

PG	M.Com/MBA/M.Tech/ ME/MA/M.Ed	Date of Completion	University	% of Marks	Class
	MBA	May 2012	Anna University	7.77	I

Ph.D	Date of Completion	Field of	University	NA	NA

		Specialization		
		Nil	Nil	Nil
SLET Marks	NET Marks	Date of Eligibility		
Nil	Nil			

Area of Specialization : Human Resource and Financial Management

Research Interest : Finance and Human Resource

Experience In Years : 4.2 Teaching - 1.3 Research Industry -
Others

- Courses Taught in UG / PG Level:
1. Legal Aspects of Business
 2. Organizational Behavior
 3. Financial Management
 4. Operations Management
 5. Security Analysis and Portfolio Management
 6. Corporate Finance
 7. Industrial Relation and Labor Welfare
 8. Logistics Management
 9. Principles of Management (UG - Engineering)
 10. Total Quality Management (UG - Engineering)
 11. Human Rights (UG - Engineering)
 12. Professional Ethics (UG - Engineering)

No. of Workshop/Conferences/ FDP attended: Workshops - - - Conferences FDP

No. of Workshop/Conferences/ FDP Organized: Workshops - - - Conferences FDP

Professional Membership	Nil					
Publications	No. of papers published in National Journals / Conferences : Nil					
	No. of papers published in International Journals / Conferences: Nil					
	No. of Books published : <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Name of the Book</th> <th style="width: 33%;">ISBN No:</th> <th style="width: 33%;">Year of Publication</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> <td style="text-align: center;">-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-
Name of the Book	ISBN No:	Year of Publication				
-	-	-				
Research Guidance	No.Of UG Students Guided: Nil No.Of PG Students Guided: > 50 No.Of Ph.Ds Guided: Nil					
Research Funded Projects	Nil					
Patents	Filed: Nil Granted: Nil					
Technology Transfer	Nil					
Achievements						
Any Other Information						



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Name : **ILAKKIYA.T**

Designation : **ASSISTANT PROFESSOR**

DOB : **18.10.1991**

Unique ID (College ID) : **IT22MB02**

Email : **ilakkiya.mba@sairamit.edu.in**

Qualification : **MBA.,SET.,M.A(Pub.admin).M.A.,(ENGLISH),PGDLL.,(PH.D)**

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.A	APRIL 2012	MADRAS UNIVERSITY	58.66	II

PG	M.E/M.Tech/M.Sc./ MBA//B.Ed.	Date of Completion	University	% of Marks	Class
	MBA	JUNE 2015	ANNA UNIVERSITY	82	I

Ph.D	Date of Completion	Field of Specialization	University

	PURSUING	MARKETING	ANNAMALAI UNIVERSITY
SLET Marks	NET Marks	Date of Eligibility	
Passed	-	FEBRUARY 2016	

Area of Specialization : HR & MARKETING

Research Interest : Consumer behavior, Digital marketing

Experience in years : Teaching Research- Industry Others

Courses Taught in UG / PGLevel:

HR, Marketing management

No. of Workshop/Conferences/ FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/ FDP Organized : Workshop Conferences FDP

Professional Membership	NIL
Publications	No. of papers published in National Journals / Conferences :
	No. of papers published in International Journals / Conferences:
	No. of Books published :NIL Name of the Book ISBN No: Year of Publication
Research Guidance	No.Of UG Students Guided: NIL No.Of PG Students Guided: NIL No.Of Ph.Ds Guided:NIL
Research Funded Projects	NIL
Patents	Filed: NIL Granted: NIL
Technology Transfer	NIL
Achievements	NIL
Any Other Information	NIL



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Name : Dr. S. Helen Roselin Gracy

Designation : Associate Professor

DOB : 14/12/1978

Unique ID (College ID) : IT10MB01

Email : helen.mba@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	BBA	1999	Bharathidasan University	65	I
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	MBA	2001	Madurai Kamaraj University	70	I
M.Phil	M.Phil	2009	Bharathidasan University	73	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	27/10/2020	Marketing	Bharathiar University		

SLET NET Marks

Date of Eligibility 18/09/2012

Area of Specialization	: Marketing, Finance								
ResearchInterest	: Consumer Behaviour (Marketing)								
Experienceinyears	Teaching <input type="text" value="19"/> Research <input type="text" value="9"/> Industry <input type="text" value="-"/> Others <input type="text" value="-"/>								
Courses Taught in UG / PG Level	: 1. POM 2. International Business Management 3. Marketing Management 4. Professional Ethics in Engineering								
No. of Workshop /Conferences/ FDP attended	Workshop <input type="text" value="3"/> Conferences <input type="text" value="10"/> FDP <input type="text" value="8"/>								
No. of Workshop/ Conferences/ FDP Organized	:Workshop <input type="text" value="-"/> Conferences <input type="text" value="-"/> FDP <input type="text" value="1"/>								
Professional Membership	: ISTE, IEEE								
Publications	No. of papers published in National Journals / Conferences :2								
	No. of papers published in InternationalJournals / Conferences:16								
	No. of Books published :3								
	<table border="0"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>1. Chapter contribution- "Comparative Analysis of Equity Share Price on Public and Private Sector Bank"</td> <td>INSC International Publishers , PP:23-28 ISBN : 978-93-93364-31-9</td> <td>2021</td> </tr> <tr> <td>2. Edited a book titled, Impact of covid -19 on Global Economy</td> <td>Publishers: SIMS, ISBN : 978-81-947149-5-8</td> <td>September 2020</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	1. Chapter contribution- "Comparative Analysis of Equity Share Price on Public and Private Sector Bank"	INSC International Publishers , PP:23-28 ISBN : 978-93-93364-31-9	2021	2. Edited a book titled, Impact of covid -19 on Global Economy	Publishers: SIMS, ISBN : 978-81-947149-5-8
Name of the Book	ISBN No:	Year of Publication							
1. Chapter contribution- "Comparative Analysis of Equity Share Price on Public and Private Sector Bank"	INSC International Publishers , PP:23-28 ISBN : 978-93-93364-31-9	2021							
2. Edited a book titled, Impact of covid -19 on Global Economy	Publishers: SIMS, ISBN : 978-81-947149-5-8	September 2020							

	<p>3. Edited a book titled, Management and Engineering- Research tome, Publishers: Bonfring Intellectual Integrity ISBN : 978-93-89515-20-6 August 2020,</p> <p>4. Chapter contribution– “Common Mental Hitches of College students- An Overview” Academic leadership: Essential to turn Vision into Reality Publishers: ABS Books PP: 57-63 ISBN: 978-93- 87229 - 66-2 2020</p> <p>5. Chapter contributed – “Traceability of manufactured parts in the supply chain” Holistic Research Perspectives August 2019 Publishers: Bonfring Vol:4 ISBN:978-93-87862-82-1 PP:188-199</p>
Research Guidance	<p>No.Of UG Students Guided:10</p> <p>No.Of PG Students Guided:80</p> <p>No.OfPh.Ds Guided: Nil</p>
Research Funded Projects	Nil
Patents	<p>Filed: 1</p> <p>Granted: Nil</p>
Technology Transfer	: Nil
Achievements	<p>: Coordinator for C1 and C7 in NBA</p> <p>Coordinator for C1 -NAAC</p> <p>Dept Coordinator for NIRF ranking</p>
Any Other Information	: Nil

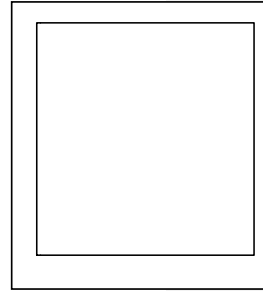


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Name : Dr. P.S.Immacuate
Designation :Assistant Professor
DOB : 13/03/1983
Unique ID (College ID) : IT09MB02
Email :immaculate.mba@sairamit.edu.in
Qualification :



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	BBA	2003	Bharathidasan University	56	II
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	MBA	2005	Madurai Kamaraj University	65	I
M.Phil	M.Phil	2008	Bharathidasan	75	I

			University		
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	18.Feb 2021	Marketing	Bharathiar University		

SLET NET Marks Date of Eligibility

Area of Specialization	: HR
Research Interest	: Consumer Behaviour (Marketing)
Experience in years	Teaching <input type="text" value="13"/> Research <input type="text" value="4"/> Industry <input type="text" value="-"/> Others <input type="text" value="-"/>
Courses Taught in UG / PG Level	: 1. POM 2. International Business Management 3. Marketing Management 4. Professional Ethics in Engineering
No. of Workshop /Conferences/ FDP attended	Workshop <input type="text" value="2"/> Conferences <input type="text" value="7"/> FDP <input type="text" value="6"/>
No. of Workshop/ Conferences/ FDP Organized	: Workshop <input type="text" value="2"/> Conferences <input type="text" value="-"/> FDP <input type="text" value="2"/>
Professional Membership	: ISTE, IEEE
Publications	No. of papers published in National Journals / Conferences :2
	No. of papers published in International Journals / Conferences:16
	No. of Books published :3 Name of the Book ISBN No: Year of Publication
Research Guidance	No.Of UG Students Guided:- No.Of PG Students Guided:80 No.Of Ph.Ds Guided: Nil

Research Funded Projects	Nil
Patents	Filed: Nil Granted: Nil
Technology Transfer	: Nil
Achievements	: NAAC C2 COORDINATOR ISO COORDINATOR
Any Other Information	: Nil



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Name : **DR. K. BARANIDHARAN**

Designation : Associate Professor

DOB : 14.04.1972

Unique ID (College ID) : IT12MB02

Email : baranidharan.mba@sairamit.edu.in

Qualification :



	1. New Age Challenges and Opportunities in Social Science. 978-93-93364-31-9 2021
Research Guidance	No.Of UG Students Guided:- No.Of PG Students Guided:50 No.OfPh.Ds Guided: 6
Research Funded Projects	Nil
Patents	Filed: Nil Granted: Nil
Technology Transfer	: Nil
Achievements	*University Level NSS PO Awards: 03 (Anna university, Chennai) *Appreciation : Madras Volunteers Blood Donors – last 7 Years. *NIDM Training Portal : more than 67 Training attended.
Any Other Information	*NSS Program Officer 2013 to Still *Conducted 7 Special Camps and Regular camps



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Name : R. UDHAYASANKAR
Designation :Assistant Professor
DOB : 13/07/1974
Unique ID (College ID) : IT10MB02
Email :udhaya.mba@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	BCom		Bharathidasan University		I
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	MBA		Madurai Kamaraj University		I
	MCom				
M.Phil	M.Phil		Bharathidasan University		I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Pursuing	Finance	Madras University		

SLET Completed
NET Marks
Date of Eligibility

Area of Specialization	: Finance					
Research Interest	: Consumer Behaviour (Marketing)					
Experience in years	Teaching <input type="text" value="19"/> Research <input type="text" value="19"/> Industry <input type="text" value="-"/> Others <input type="text" value="-"/>					
Courses Taught in UG / PG Level	: Principles of Management, Accounting for Management, Financial Management, Banking and Financial services management, Engineering economics and financial management, Financial Analytics.					
No. of Workshop / Conferences / FDP attended	Workshop <input type="text" value="3"/> Conferences <input type="text" value="10"/> FDP <input type="text" value="10"/>					
No. of Workshop / Conferences / FDP Organized	: Workshop <input type="text" value="1"/> Conferences <input type="text" value="1"/> FDP <input type="text" value="1"/>					
Professional Membership	: ISTE, IEEE					
Publications	No. of papers published in National Journals / Conferences :8					
	No. of papers published in International Journals / Conferences:15					
	No. of Books published :1					
	<table border="0"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>SIGNIFICANCE OF MULTIDISCIPLINARY GLOBAL RESEARCH: ARTS, SCIENCE, HUMANITIES AND SOCIAL SCIENCES</td> <td>ISBN:978-81-955229-1-0,</td> <td>2021</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	SIGNIFICANCE OF MULTIDISCIPLINARY GLOBAL RESEARCH: ARTS, SCIENCE, HUMANITIES AND SOCIAL SCIENCES	ISBN:978-81-955229-1-0,
Name of the Book	ISBN No:	Year of Publication				
SIGNIFICANCE OF MULTIDISCIPLINARY GLOBAL RESEARCH: ARTS, SCIENCE, HUMANITIES AND SOCIAL SCIENCES	ISBN:978-81-955229-1-0,	2021				
Research Guidance	No.Of UG Students Guided:10 No.Of PG Students Guided:100 No.Of Ph.Ds Guided: Nil					
Research Funded Projects	Nil					

Patents	Filed: Nil Granted: Nil
Technology Transfer	: Nil
Achievements	: Nil
Any Other Information	: Nil



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Name : **Dr.S.Daisylin Anbu Sujitha**

Designation : **Assistant Professor-II**

DOB :02/01/1981

Unique ID (College ID) :IT10CH01

Email :daisylin.chem@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc.Chemistry	April 2001	Manonmanium Sundaranar	79%	First
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.Sc., Applied Chemistry	April 2003	Bharathiar	77%	Distinction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	18/04/2009	Tea Chemistry	Bharathiar		
SLET Marks	NET Marks	Date of Eligibility	-	-	-
<input type="text"/>	<input type="text"/>				

Area of Specialization : Applied Chemistry

ResearchInterest :Tea chemistry

Experienceinyears :

1 Courses Taught in UG / PG Level :

Teaching 2

No. of Workshop/Conferences/
FDPattended

:

Engineering
Chemistry, EVS,
Air pollution,
ESIA

No. of Workshop/Conferences/
FDPOrganized

:

Workshop

Workshop

Research4
Industry Others

ConferencesFDP

ConferencesFDP

Professional Membership	ISTE, IEEE, IAENG		
Publications	No. of papers published in National Journals / Conferences :01		
	No. of papers published in International Journals / Conferences: 05		
	No. of Books published :4		
	Name of the Book	ISBN No:	Year of Publication
	Engineering Chemistry –II	978-93-80757-41-4	2011
Engineering chemistry lab manual	978-93-80757-07-0	2010	
Environmental science & Engg	978-93-80757-04-9	2010	
Air Pollution & Control Engineering	978-81-948755-7-4	2020	
Research Guidance	No.Of UG Students Guided: - No.Of PG Students Guided:- No.Of Ph.Ds Guided:-		
Research Funded Projects	-		
Patents	Filed:01 Published : 01 Granted:		
Technology Transfer	-		
Achievements	100% results in Engineering chemistry I & II(civil, ECE) , Environmental science and engineering (II CSE) in the year 2016-2017		
Any Other Information			



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Name : **Dr. K. RAJESWARI**
Designation : **Assistant Professor - III**
DOB : 04.06.1973
Unique ID (College ID) : IT20CH01
Email : rajeshwari.chem@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc. / B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc Chemistry	May 1993	Bharathidasan University	77	First
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.Sc Chemistry	May 1995	Annamalai University	61	First
	M.Phil Chemistry	Sep 2008	Bharathidasan University	79	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	15.10.2019	Polymer Chemistry	Thiruvalluvar University		
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : Polymer Matrix Composites

Research Interest	: Polymer Matrix Nano Composites		
Experience in years	Teaching	Research Others	Industry
Courses Taught in UG / PG Level :	1. Chemistry 2. EVS 3. ESIA		
No. of Workshop/Conferences/ FDP attended	Workshop : Workshop	Conferences FDP	
No. of Workshop/Conferences/ FDP Organized	:	Conferences FDP	

Professional Membership							
Publications	No. of papers published in National Journals / Conferences :-						
	No. of papers published in International Journals / Conferences: 06						
	No. of Books published :						
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-	-
Name of the Book	ISBN No:	Year of Publication					
-	-	-					
Research Guidance	No.Of UG Students Guided: - No.Of PG Students Guided: - No.Of Ph.Ds Guided: -						
Research Funded Projects	-						
Patents	Filed:- Granted:-						
Technology Transfer	-						
Achievements							
Any Other Information							



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Name : **Dr.S.RATHIKA**

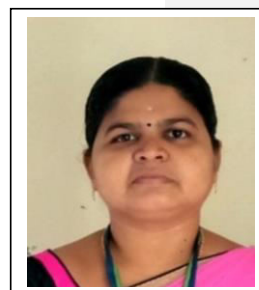
Designation : **ASSISTANT PROFESSOR-I**

DOB : 19.05.1979

Unique ID (College ID) : IT08CH01

Email : rathika.chem@sairamit.edu.in

Qualification : M.Sc.,M.Phil., Ph.D.,



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc Chemistry	01.04.1999	UNIVERSITY OF MADRAS	79.3	FIRST CLASS
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.Sc Chemistry	01.04.2001	Madurai kamraj	74.6	FIRST CLASS
	M.Phil Chemistry	01.04.2002	Madurai Kamraj	79.7	FIRST CLASS
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	13.2.2019	Inorganic and Physical Chemistry	University of Madras		

SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Chemistry

ResearchInterest :Composites and Water treatment

Experienceinyears : Teaching Research- Industry Others

Courses Taught in UG / PG Level :

ENGG CHEMISTRY

EVS, APCE, ESIA

No. of Workshop/Conferences/
FDPattended : Workshop

No. of Workshop/Conferences/
FDPOrganized : ConferencesFDP

Workshop

ConferencesFDP

Professional Membership	LIFE TIME MEMBERSHIP IN ISTE INTERNATIONAL ASSOCIATION OF ENGINEERS IEEE		
Publications	No. of papers published in National Journals / Conferences : -		
	No. of papers published in International Journals / Conferences: 5		
	No. of Books published : -		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: - No.Of PG Students Guided: - No.Of Ph.Ds Guided: -		
Research Funded Projects	NIL		
Patents	Filed: -1, Published: 1 Granted: -		
Technology Transfer	-		
Achievements	Achieved 100% Results in Chemistry – I for I Civil A, I MECH B (2016-2017) EVS for II CIVIL C (2016-2017) Chemistry-II for I-CIVIL A (2016-2017) E.V.S. for II-CSE B (2015-16) Chemistry-I for I-ECE A (2015-16) Chemistry II for I- IT A (2015-2016) Chemistry II for I Civil B Chemistry I and EVSE for I CSE B 2018 -19, APCE for III IT A, APCE for III CSE C, EVSE for II ECE A		

Any Other Information	-
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Name : JEMINA.I

Designation : ASSISTANT PROFESSOR-III

DOB : 25.12.1986

Unique ID (College ID) : IT14CH02

Email : jemina.chem@sairamit.edu.in

Qualification : M.Phil Chemistry



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc Chemistry	01.04.2007	UNIVERSITY OF MADRAS	78%	FIRST CLASS WITH DISTINCTION
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.Sc Chemistry	01.04.2009	UNIVERSITY OF MADRAS	75%	FIRST CLASS OUTSTANDING
	M.Phil Chemistry	01.09.2011	UNIVERSITY OF	71%	FIRST CLASS

			MADRAS		
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Registered on 08.01.2021	Nanomaterials	ANNA UNIVERSITY		
SLET Marks <input type="text"/>	NET Marks <input type="text"/>	Date of Eligibility			

Area of Specialization : Chemistry

ResearchInterest :Nanomaterials

Experienceinyears : Teaching Research- Industry Others

Courses Taught in UG / PG Level :

ENGG CHEMISTRY

EVS, PRINCIPLES OF
FOOD PRESERVATION,
WASTE WATER
TREATMENT

No. of Workshop/Conferences/
FDPattended :

No. of Workshop/Conferences/
FDPOrganized :

Workshop ConferencesFDP

Workshop ConferencesFDP

Professional Membership	ALL INDIA ASSOCIATION FOR EDUCATIONAL RESEARCH (2011) INDIVIDUAL LIFE MEMBER NO.3342 LIFE TIME MEMBERSHIP IN ISTE INTERNATIONAL ASSOCIATION OF ENGINEERS IEEE		
Publications	No. of papers published in National Journals / Conferences : -		
	No. of papers published in International Journals / Conferences: 1		
	No. of Books published : -		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: - No.Of PG Students Guided: - No.Of Ph.Ds Guided: -		
Research Funded Projects	NIL		
Patents	Filed: - Granted: -		
Technology Transfer	-		
Achievements	Received " Amjud Prize " Scholarship for my Academic Excellence in P.G Achieved 100% Result in Engineering Chemistry I & II for I-ECE B & IT B (2014-2015) Achieved 100% Result in Engineering Chemistry I & II for I-CSE A & (2016-2017) Achieved 100% Result in Engineering Chemistry for I- ECEA (2017-2018) Achieved 100% Result in Engineering Chemistry for I -ECE B & MECH B(2018-2019) Achieved 100% Result in Engineering Chemistry for I- ECEA& CSE B		

	<p>(2020-2021)</p> <p>Achieved 100% Result in EVS for I-CCE& CSE B (2020-2021)</p> <p>Achieved 100% Result in Principles of Food Preservation for III-CSE(A,B,C) (2020-2021)</p>
Any Other Information	-



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SaiLeoNagar, West Tambaram, Chennai-44, www.sairamit.edu.in

DEPARTMENT OF SCIENCE AND HUMANITIES

Name : **S.SUMATHI**

Designation : **Assistant Professor II**

DOB : 05.12.1980

Email : sumathi.chem@sairamit.edu.in

Qualification : M.Sc., M.Phil., (Ph.D.,)

Specialization : Chemistry

Research Interest : Composites and water treatment

16.7

nil

Experience in years : **Teaching UG**

1

Workshop

Courses Taught in UG / PG : Engg
Chemistry,
EVSE
, APCE &
ESIA

No. of Workshop/Conferences/
FDP Attended :

Conferences

No. of Workshop/Conferences/
FDP Organized :

Workshop

6

Conferences



Industry

FDP

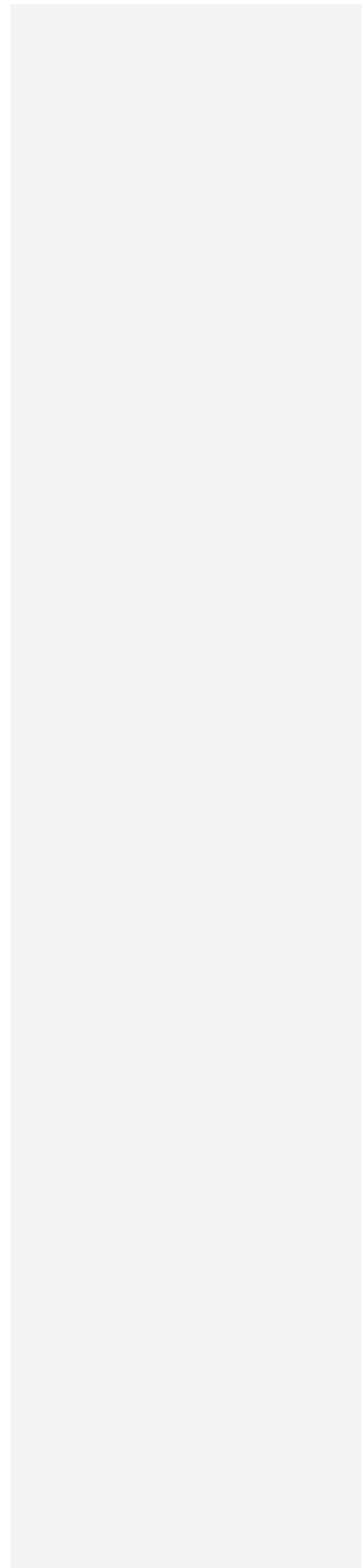
2

10

FDP

-

-



Professional Membership	ISTE, NDLI,IAENG
Publications	National :nil
	International:5
	Book :0
Research Funded Projects	nil
Patents	1
Achievements	
Any Other Information	Achieved 100% result in APCE, ESIA, EVSE and ENGG CHEMISTRY



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Name : **Dr. J. Pitchaimani**

Designation : **Assistant Professor**

DOB : 09.05.1990

Unique ID (College ID) : IT21CH02

Email : pitchaimani.che@sairamit.edu.in

Qualification :



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc.	April 2011	Madurai Kamaraj University	62.6	I
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.Sc.	April 2013	Madurai Kamaraj University	69.5	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	June 2018	Chemistry	Karunya Institute of Technology and Sciences (Deemed University)		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Chemistry

Research Interest : Catalysis & organic synthesis

Experience in years :

Courses Taught in UG / PG Level :

No. of Workshop/Conferences/ FDP attended :

No. of Workshop/Conferences/ FDP Organized :

Professional Membership						
Publications	No. of papers published in National Journals / Conferences: 0					
	No. of papers published in International Journals: 15					
	No. of Books published: <table border="1"><thead><tr><th>Name of the Book</th><th>ISBN No:</th><th>Year of Publication</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr></tbody></table>	Name of the Book	ISBN No:	Year of Publication		
Name of the Book	ISBN No:	Year of Publication				
Research Guidance	No. Of UG Students Guided: No. Of PG Students Guided: No. Of Ph.Ds Guided:					
Research Funded Projects						
Patents	Filed: Granted:					
Technology Transfer						

Achievements	<ul style="list-style-type: none"> ❖ Guangdong Province Postdoctoral Talent Introduction Program Award, East-West Wings and Northern Eco-Development Zones, People's Republic of China, November 2019. ❖ Department of Science and Technology (DST), Junior and Senior Research Fellowship (2013–2016). ❖ Best poster award in NCMM-2018 conference conducted by Karunya Institute of Technology and Sciences (Deemed to be University), Coimbatore, Tamil Nadu, India (2018).
Any Other Information	



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Name : R.KIRUTHIKA
Designation : ASSISTANT PROFESSOR-III
DOB :12.01.1986
Unique ID (College ID) :IT11CH01
Email : kiruthikar.chem@sairamit.edu.in



Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc. Chemistry	30.4.2006	University of Madras	65	First
PG	M.E/M.Tech/M.S c./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.Sc.Chemistry	30.4.2008	University of Madras	61	First
	M.Phil.Inorganic Chemistry	30.8.2009	University of Madras	O grade	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : Inorganic Chemistry

Research Interest : Inorganic Chemistry

Experience in years : Teaching Research Workshop/Conferences/Industry Workshop others Conferences
1. Engineering chemistry FDP attended : Workshop Conferences FDP
Courses Taught in UG / 2. EVS
PG Level : 3. WWT No. of
Teaching No. of Workshop/Conferences/
FDP Organized:

Professional Membership	ISTE		
Publications	No. of papers published in National Journals / Conferences : 1		
	No. of papers published in International Journals / Conferences:		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided:		
	No.Of PG Students Guided:		
	No.Of Ph.Ds Guided :		
Research Funded Projects			
Patents	Filed:		
	Granted:		
Technology Transfer			
Achievements			
Any Other Information			



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Name : Dr. Sajitha

Designation : Assistant Professor

DOB : 31/05/1977

Unique ID (College ID) : IT22EN01

Email : Sajitha.eng@sairamit.edu.in

Qualification :



UG	B.A	Date of Completion	University	% Of Marks	Class
	English Literature	1998	ManonmaniamSundaranar University	45.07%	3rd
PG	M.A.	Date of Completion	ManonmaniamSundaranar University	55.25%	2nd
	English Literature	2010			
	M Phil- English Literature	2011	ManonmaniamSundaranar University	65.4%	1st
Ph.D.	Date of Completion	Field of Specialization	UniversityManonmaniamSundaranar University	NA	NA
	30 September 2020	ELT, PCL, IWE			
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Post-Colonial Literature,

ResearchInterest:Indian Writing in English, English Language Teaching and Post-colonialLit.

Experienceinyears : 7 Workshop: 11

Conferences:04

No of Courses Taught in UG Level:

No. of Workshop/Conferences/

4

FDPattended: 04

Professional Membership	ELTAI		
Publications	No.of papers published in National Journals / Conferences: 01		
	No.of papers published in InternationalJournals / Conferences: 06		
	No.of Bookspublished:		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: No.Of PG Students Guided: 03 No.Of Ph.Ds. Guided:		
Research Funded Projects	-		
Patents	Filed: Granted:		
Technology Transfer			

Achievements	<p>Certificate of Appreciation and Award</p> <ul style="list-style-type: none"> • Certificate of Appreciation by recognizing as the Organizing Secretary for the contribution in conduct of the competitions at the Muslim Arts College level, by The Department of Criminology and Criminal Justice, ManonmaniamSundaranar University, Tirunelveli, on 08th March 2018. • Certificate of Appreciation for acted Judge of English Essay Competition held in Women’s Forum of Muslim Arts College given by The Department of Criminology and Criminal Justice, ManonmaniamSundranar University, Tirunelveli, on 08th March 2018. • Staff Appreciation Award for Cultural Committee 2017-2018 (MAC) • Three Appreciation Award for the service of variousprogramme in the College Day Celebration 2015-2016(MAC)
Any Other Information	Completed B.Ed. and M.A. Hindi Lit. and doing PGCTE.



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Name : K.EZHILMATHI
Designation : ASSISTANT PROFESSOR GRADE-III
DOB : 26.07.1983
Unique ID (College ID) : IT13EN02
Email : ezhilmathi.eng@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.A(English literature)	15.10.2004	University of madras	53	II
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.A(English literature)	14.11.2006	University of Madras	65	I
	M.Phil	19.08.2007	University of Madras	60	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks <input type="text"/>	NET Marks <input type="text"/>	Date of Eligibility			

Area of Specialization : Indian Writing

Research Interest : Eco- Feminism

Experience in ye : Teaching Research Industry Others

Courses Taught in UG / PG Level :
 1. Technical English 1 & 2

2. Communicative English

No. of Workshop/Conferences/ FDP Attended :
 Workshop Conferences FDP

No. of Workshop/Conferences/ FDP Organized :
 Workshop Conferences FDP

Professional Membership						
Publications	No. of papers published in National Journals / Conferences :					
	No. of papers published in International Journals / Conferences:					
	No. of Books published :					
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication		
Name of the Book	ISBN No:	Year of Publication				
Research Guidance	No. Of UG Students Guided: No. Of PG Students Guided: No. Of Ph.Ds Guided:					
Research Funded Projects						
Patents	Filed: Granted:					
Technology Transfer						

Achievements	Staff editor for college Newsletter Writing department Minutes Master of ceremony for Student induction program
Any Other Information	Produced 100% result in Technical English -I & II



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Name : K. POORNIMA VARALAKSHMI

Designation : ASSISTANT PROFESSOR - III

DOB :19.08.1983

Unique ID (College ID) : IT10EN01

Email :poornima.eng@sairamit.edu.in

Qualification :



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.A	APRIL 2004	UNIVERSITY OF MADRAS	58.2	II
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.A	APRIL 2006	UNIVERSITY OF MADRAS	64.4	I
	M.Phil	AUGUST 2008	UNIVERSITY OF MADRAS	69.03	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	(Ph.D)	ELT	ANNA UNIVERSITY		
SLET Marks	NET Marks	Date of Eligibility	-		
-	-				

Area of Specialization : ENGLISH LITERATURE

ResearchInterest :ELT

13.3			
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Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level :

Technical
English I & II

Communicative
English &
Technical
English

No. of Workshop/Conferences/
FDP Attended :

Workshop

No. of Workshop/Conferences/
FDP Organized :

Workshop

Professional Membership	ISTE		
Publications	No. of papers published in National Journals / Conferences :		
	No. of papers published in International Journals / Conferences: 5		
	No. of Books published : NIL		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No. Of UG Students Guided: NIL No. Of PG Students Guided: No. Of Ph.Ds Guided:		
Research Funded Projects	NIL		
Patents	Filed: NIL Granted:		
Technology Transfer	NIL		

Achievements	Recognized as NPTEL DISCIPLINE STAR JAN-APR 2021
Any Other Information	Produced 100 % result in Technical English I and Technical English II.



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Name : **BEENA DEV D**

Designation : **ASSISTANT PROFESSOR**

DOB : 29/12/2014

Unique ID (College ID) : IT14EN01

Email : beenadevi.eng@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.A., English Litt	09/10/2003	Madras Univ	55	II
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.A., English Litt	30/11/2005	Madras Univ	57	II
	M.A., English Litt	30/05/2009	Annamalai Univ	62	I
M.PHIL	M.Phil., EngLitt	30/04/2006	Madras Univ	60	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	-	-	-		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text" value="-"/>	<input type="text" value="-"/>				

Area of Specialization : AMERICAN LITERATURE

ResearchInterest : AMERICAN LITERATURE

13			
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Experience in years : Teaching Research 1 Industry Others

Courses Taught in UG :
 1. Technical Eng I
 2. Technical Eng II

No. of Workshop/Conferences/
 FDP Attended : Workshop Conferences FDP

No. of Workshop/Conferences/
 FDP Organized : Workshop Conferences FDP

Professional Membership						
Publications	No. of papers published in National Journals / Conferences : -					
	No. of papers published in International Journals / Conferences : -					
	No. of Books published : -					
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication		
Name of the Book	ISBN No:	Year of Publication				
Research Guidance	No. Of UG Students Guided: No. Of PG Students Guided: No. Of Ph.Ds Guided:					
Research Funded Projects						
Patents	Filed: Granted:					
Technology Transfer						

Achievements	Staff editor for college magazine. SIP - coordinator UHV – presentation in SIP
Any Other Information	Achieved 100% result in Technical English I and Technical English II



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Name : **YAMINI P**

Designation : **ASSISTANT PROFESSOR**

DOB : 21.10.1982

Unique ID (College ID) : IT11EN01

Email : yamini.eng@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B. A. ENGLISH LITERATURE	30.05.2003	UNIVERSITY OF MADRAS	58.36	SECOND
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M. A. ENGLISH LITERATURE	30.05.2005	UNIVERSITY OF MADRAS	61.75	FIRST
	M. PHIL ENGLISH LITERATURE	1.12.2008	UNIVERSITY OF MADRAS	HIGHLY COMMENDED	-
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : ENGLISH LITERATURE

Research Interest : LITERATURE AND LANGUAGE TEACHING

Experience in years :
INDUSTRY : TEACHING UG RESEARCH
OTHERS

Courses Taught in UG / PG Level: UG -1. TECHNICAL ENGLISH 2. TECHNICAL ENGLISH 3. TECHNICAL ENGLISH II 4. COMMUNICATIVE ENGLISH 5. TECHNICAL ENGLISH
PG -1. ENGLISH FOR RESEARCH PAPER WRITING

No. of Workshop/Conferences/ FDP attended :
20 : WORKSHOP CONFERENCES FDP

No. of Workshop/Conferences/ FDP Organized :
1 : WORKSHOP CONFERENCES FDP

Professional Membership	ISTE							
Publications	No. of papers published in National Journals / Conferences : 2							
	No. of papers published in International Journals / Conferences: 3							
	No. of Books published : -							
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>			Name of the Book	ISBN No:	Year of Publication	-	-
Name of the Book	ISBN No:	Year of Publication						
-	-	-						
Research Guidance	No.Of UG Students Guided: NA No.Of PG Students Guided: NA No.Of Ph.Ds Guided: NA							
Research Funded Projects	NIL							
Patents	Filed: - Granted: -							
Technology Transfer								
Achievements	1. Received two times (APRIL 2019 and April 2021) Elite + Silver in NPTEL course.							
Any Other Information	Achieved 100% result in TECHNICAL ENGLISH, TECHNICAL ENGLISH I, TECHNICAL ENGLISH II, COMMUNICATIVE ENGLISH, TECHNICAL ENGLISH.							



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Name : **BALAJI V**
Designation : **ASSISTANT PROFESSOR**
DOB : 22-11-1979
Unique ID (College ID) : IT08MT01
Email : balaji.maths@sairamit.edu.in

Qualification : M.Sc.,M.Phil.,

UG	B.E/B.Tech/B.Sc. / B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc	30.04.2000	Madras University	72%	FIRST
PG	M.Sc./ M.A./MBA/M.Ed	Date of Completion	University	% of Marks	Class
	M.Sc	31.08.2002	ANNA UNIVERSITY	6.95 CPGA	FIRST
	M.Phil	10.05.2004	ALAGAPPA UNIVERSITY	59	SECOND
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility	8.09.2017		

Area of Specialization : SATELLITE ORBIT DETERMINATION

Research Interest : ORBITAL MECHANICS

Experience in years	:	No. of	No. of	Teaching
Courses Taught in UG /		Workshop/Conferences/ FDP Organized	Workshop/Conferences/	1. ENGINEERINGG
PG Level:		FDP attended	: Workshop	2. PQT, DS
				3. P&RP

Workshop Research Industry
 Others

Workshop
 G MATHS I, MATHS II

Conferences
 FDP

Conferences
 FDP

Professional Membership	IEEE, ISTE, AIMTA		
Publications	No. of papers published in National Journals / Conferences :2		
	No. of papers published in International Journals / Conferences:2		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
	-	-	-
Research Guidance	No.Of UG Students Guided: No.Of PG Students Guided: No.Of Ph.Ds Guided:		
Research Funded Projects			
Patents	Filed: Granted:		
Technology Transfer			
Achievements	Awarded ISRO's ADCOS RESEARCH FELLOWSHIP		
Any Other Information			



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Name : **Dr. D. PAUL**

Designation : **ASSISTANT PROFESSOR**

DOB : **28/11/1988**

Unique ID (College ID) : **IT15MT01**

Email : **paul.maths@sairamit.edu.in**

Qualification : **M.Sc., M.Phil., Ph.D**

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	MATHEMATICS	April 2009	UNIVERSITY OF MADRAS	85	GOLD MEDALIST
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	MATHEMATICS	April 2011	UNIVERSITY OF MADRAS	84	FIRST CLASS WITH DISTINCTION
M.Phil	MATHEMATICS	March 2013	VIT UNIVERSITY	90	FIRST CLASS
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	April 2016	GRAPH THEORY	VIT UNIVERSITY		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : **GRAPH THEORY**

Research Interest : CHEMICAL GRAPH THEORY

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level :

1. M1, M2, DS,

2. NM, TPDE

No. of Workshop/Conferences/
FDP Attended :

3. PSM, RMT

No. of Workshop/Conferences/
FDP Organized :

Workshop

Conferences FDP

Conferences FDP

Workshop

Professional Membership						
Publications	No. of papers published in National Journals / Conferences : NA					
	No. of papers published in International Journals / Conferences: 11					
	No. of Books published : NA					
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>NA</td> <td>NA</td> <td>NA</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	NA	NA
Name of the Book	ISBN No:	Year of Publication				
NA	NA	NA				
Research Guidance	No. Of UG Students Guided: NA No. Of PG Students Guided: NA No. Of Ph.Ds Guided: NA					
Research Funded Projects	NA					
Patents	Filed: NA Granted: NA					
Technology Transfer	NA					

Achievements	GOLD MEDALIST IN B.SC MATHEMATICS STATE LEVEL CHESS PLAYER PRODUCED 100% RESULTS IN ENGINEERING MATHS- I, ENGINEERING MATHS- II, NUMERICAL METHODS, TRANSFORMS AND PARTIAL DIFFERENTIAL EQUATIONS AND GRAPH THEORY AND ITS APPLICATIONS
Any Other Information	



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Name : **Dr. V.AUDAINAYAKI**

Designation : **ASSISTANT PROFESSOR**

DOB : 04-03-1981

Unique ID (College ID) :IT11MT02

Email : avudainayaki.maths@sairamit.edu.in

Qualification : M.Sc.,M.Phil.,Ph.D.,



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc	14.04.2001	M.S.University	67%	FIRST
PG	M.E/M.Tech/M.Sc. ./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.Sc	17.04.2003	M.S.University	75%	FIRST
	M.Phil	15.11.2004	M.S.University	64%	FIRST

Publications	No. of papers published in National Journals / Conferences :8					
	No. of papers published in International Journals / Conferences:8					
	No. of Books published :					
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-
Name of the Book	ISBN No:	Year of Publication				
-	-	-				
Research Guidance	No.Of UG Students Guided: No.Of PG Students Guided: No.Of Ph.Ds Guided:					
Research Funded Projects						
Patents	Filed: Granted:					
Technology Transfer						
Achievements						
Any Other Information						



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Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



Name : **Dr.V.RAJESWARI**

Designation : **ASSISTANT PROFESSOR GRADE III**

DOB : 21.06.1980

Unique ID (College ID) : IT16MT01

Email : Rajeswari.maths@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
			Madras		
PG	B.Sc	30.04.2000	University		FIRST
	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.Sc	30.04.2002	Madras		FIRST
Ph.D			University		
	Date of Completion	Field of Specialization	University	NA	NA
	26.12.2016	Algebra	Madras University		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text" value="-"/>	<input type="text" value="-"/>				

Area of Specialization : Algebra

ResearchInterest :
 Experienceinyears : Teaching Research Industry Others

Courses Taught in UG / PG Level :

1.Engg. Maths
 2.PQT, TPDE
 3.DM
 No. of Workshop/Conferences/
 FDPattended :
 No. of Workshop/Conferences/
 FDPOrganized : Workshop ConferencesFDP
 ConferencesFDP
 Workshop

Professional Membership							
Publications	No.of papers published in National Journals / Conferences :						
	No.of papers published in InternationalJournals / Conferences:4						
	No.of Books published :						
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-	-
Name of the Book	ISBN No:	Year of Publication					
-	-	-					
Research Guidance	No.Of UG Students Guided:- No.Of PG Students Guided:- No.OfPh.Ds Guided:-						
Research Funded Projects	-						
Patents	Filed: Granted:-						
Technology Transfer							

Achievements	
Any Other Information	



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Name : **Dr. S. GOPINATH**

Designation : **Assistant Professor**

DOB : 07-06-1994

Unique ID (College ID) : IT21MT03

Email : gopinath.maths@sairamit.edu.in

Qualification :



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc	March 2014	Thiruvalluvar University	81%	First
	B.Ed	May 2015	Tamilnadu Teachers Education University	79%	First
PG	M.E/M.Tech/M.Sc./	Date of	University	% of Marks	Class

	M.A./MBA/M.Ed.	Completion			
	M.Sc	May 2017	Thiruvalluvar University	75%	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	06-12-2021		Thiruvalluvar University		
SLET Marks	NET Marks	Date of Eligibility			
-	-				

Area of Specialization : Algebraic Graph theory

ResearchInterest :Algebra, Graph theory

Experienceinyears : Teaching Research Industry Others

0

Courses Taught in UG / PG Level :1

1.Engineering Mathematics 1

2.

No. of Workshop/Conferences/
FDPattended

3.

ConferencesFDP

8/20/1

Workshop

ConferencesFDP

No. of Workshop/Conferences/
FDPOrganized

0

Workshop

Professional Membership	-
Publications	No. of papers published in National Journals / Conferences :

	No. of papers published in International Journals / Conferences:						
	No. of Books published :						
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-	-
Name of the Book	ISBN No:	Year of Publication					
-	-	-					
Research Guidance	No.Of UG Students Guided:0 No.Of PG Students Guided:0 No.Of Ph.Ds Guided:0						
Research Funded Projects	nil						
Patents	Filed:0 Granted:0						
Technology Transfer	-						
Achievements	Attended the Sixth Annual Foundation School (AFS)-II, Funded by NBHM at Central University of Rajasthan, Bandar Sindari, Kishangarh, Ajmer, during Dec03 – Dec29, 2018.						
Any Other Information	-						



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Name : JOSEPH THOMAS RAJAN A

Designation : ASSISTANT PROFESSOR Gr-III

DOB : 30/03/1989

Unique ID (College ID) : IT14MT02

Email : joseph.maths@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc Mathematics	30/04/2009	University of Madras	71.76	First
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.Sc Mathematics	30/04/2011	University of Madras	82.62	First - Outstanding
	M.Phil Mathematics	22/02/2013	University of Madras	83.75	First - Distinction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Registered Jan 2022	Graph Theory	Anna University		
SLET Marks	NET Marks	Date of Eligibility	-		
-	-				

Area of Specialization : Graph Theory

Research Interest : Graph Theory, Formal Language

Experience in years : Teaching Research- Industry Others

Courses Taught in UG / PG Level :

1. E.M-I, E.M-II, TPDE, NM, SNM, PQT, PRP, RMT

2. P&S, ANT

No. of Workshop/Conferences/
FDP Attended : 3. DM, AOR

No. of Workshop/Conferences/
FDP Organized : Workshop Conferences FDP

Conferences FDP
Workshop

Professional Membership	ISTE , IAENG		
Publications	No. of papers published in National Journals / Conferences : -		
	No. of papers published in International Journals / Conferences: -		
	No. of Books published : -		
	Name of the Book	ISBN No:	Year of Publication
	-	-	-
Research Guidance	No. Of UG Students Guided: - No. Of PG Students Guided: - No. Of Ph.Ds Guided: -		
Research Funded Projects	NIL		
Patents	Filed: - Granted: -		
Technology Transfer	-		

Achievements	<p>Achieved 100% Results in Mathematics-I for I-MECH B (2014-2015) Probability Queuing Theory for II-IT A (2015-16) Transforms and Partial Differential Equations for II EEE B & Mathematics-I , I CSE B (2016-17) Statistics and Numerical Methods - II MECH B (2018-19)</p>
Any Other Information	<p>Completed Online Certification Course “Advanced Graph Theory” (Funded by Ministry of HRD, Govt. of India) during Feb-March 2018 (8 Week Course).</p> <p>Completed Module Vlin NITTTR.</p>



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Name : Dr. M. S. KASIVISWANATHAN

Designation : ASSISTANT PROFESSOR

DOB : 30.07.1978

Unique ID (College ID) : IT22MT01

Email : kasiviswanathan.maths@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc.	30.04.1998	Kamaraj Univ.	52.5	II
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.Sc.	30.04.2000	Bharathiar	72.3	I
	M.Phil.	01.08.2002	Madras Univ.	58.6	II
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	30.12.2016	Fluid Mechanics	Anna Univ.		
SLET Marks	NET Marks	Date of Eligibility			
Nil	Nil				

Area of Specialization : Fluid Mechanics

Research Interest : Boundary Layer Flows

18

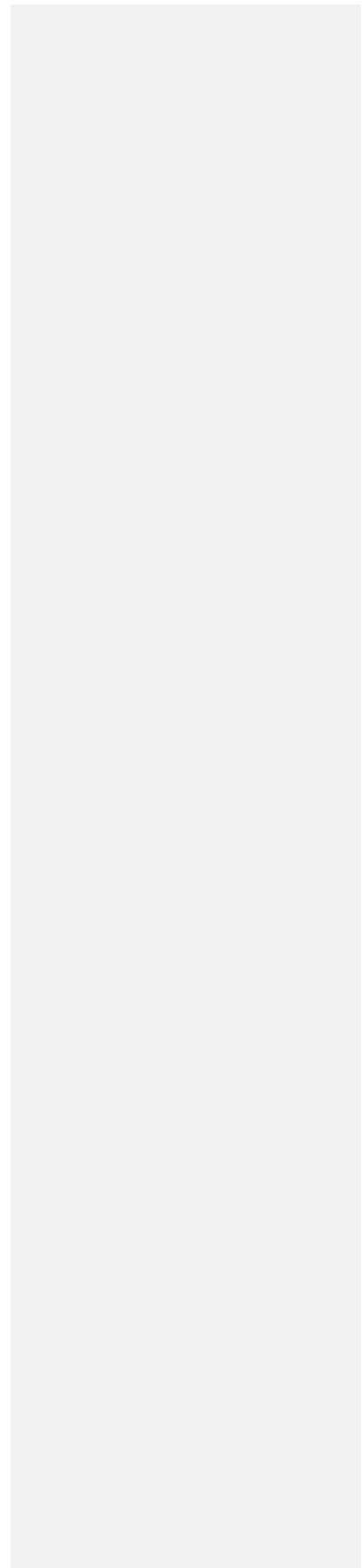
Experience in years : Teaching Research 2 Industry Others

Courses Taught in UG / PG Level :

Discrete Maths,
 1. Engg. Math. Applied OR,
 2. Prob. & Stat, Statistical Methods, Random Processes
 3. Adv. NM,
 No. of Workshop/Conferences/
 FDP Attended : 2 4
 No. of Workshop/Conferences/
 FDP Organized : Workshop 3 Conferences FDP - 4
 Conferences FDP -
 Workshop -

Professional Membership	Nil		
Publications	No. of papers published in National Journals / Conferences : 2		
	No. of papers published in International Journals / Conferences: 4		
	No. of Books published : Nil		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No. of UG Students Guided: Nil No. of PG Students Guided: 7 No. of Ph.Ds Guided: Nil		
Research Funded Projects	Nil		
Patents	Filed: Nil Granted: Nil		
Technology Transfer	-		

Achievements	-
Any Other Information	-





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Name : D.MURALIDHARAN

Designation : ASSISTANT PROFESSOR -II

DOB : 25/05/1976



Unique ID (College ID) : IT09MT02

Email : murali.maths@sairamit.edu.in

Qualification : M.Sc.,M.Phil.,B.Ed.,Ph.D(Doing)

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc	APRIL 1996	BHARATHIDASAN UNIVERSITY	78.55	D
	B.ED	APRIL 1999	BHARATHIDASAN UNIVERSITY	-	II
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.Sc	APRIL 1998	BHARATHIDASAN UNIVERSITY	73.58	I
	M.Phil	November 2001	BHARATHIDASAN UNIVERSITY	76.4	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	DOING	GRAPH THEORY	MADRAS UNIVERSITY		
SLET Marks	NET Marks	Date of Eligibility	21/02/2016		
192					

Area of Specialization : MATHEMATICS

ResearchInterest : GRAPH THEORY

21

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level:

1. E M I, II, III,
2. TPDE, DM,
PQT, PRP
3. STATISTICS **FOR MANAGEMENT**

No. of Workshop/Conferences/
FDP attended :

No. of Workshop/Conferences/
FDP Organized :

	Workshop	Conferences	FDP
	8	2	4
		-	1
	1		

Professional Membership	ISTE, IAENG	
Publications	No. of papers published in National Journals / Conferences: 1	
	No. of papers published in International Journals / Conferences: 2	
	No. of Books published: NIL	
	Name of the Book	ISBN No:
Research Guidance	No. Of UG Students Guided: - No. Of PG Students Guided: - No. Of Ph.Ds Guided: -	
Research Funded Projects	-	
Patents	Filed: - Granted: -	
Technology Transfer	-	

Achievements	<p>1. Has completed SLET IN 2016</p> <p>2. Achieved 100% results in Mathematics I (2012-13), Mathematics II (2013-14), SNM (2017-18)</p>
Any Other Information	<p>1. Book Chapters - Published the topics on 'Impact of personal characters on leadership qualities', ESN Publishers, February 2021. ISBN:978-81-950305-3-8</p> <p>2. Presented on "Importance of Voting" at Kings Engineering College on 25th January 2022.</p> <p>3. Presented the topic on Pi function during six days FDP on "Algebra and Number Theory" from 10th to 15th June 2019 at Sri Sairam Institute of Technology</p> <p>4. Gave a Lecture on Mathematics and Puzzles, Government High School, Agaramthen on 08th February 2019</p> <p>5. Evaluator of 22nd National Children's Science Congress – 2014, held at SBOA School and Junior College, Chennai.</p>



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Name : **Y. SHERLIN NISHA**

Designation : **ASSISTANT PROFESSOR**

DOB : **18.05.1983**

Unique ID (College ID) : **IT13MT01**

Email : **sherlin.maths@sairamit.edu.in**

Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	Nesamony Memorial Christian College	April 2003	ManonmaniamSundaranar University	71.5	First
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	Nesamony Memorial Christian College	April 2005	ManonmaniamSundaranar University	75.3	First
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Registered	Graph Theory	Anna University		
SLET Marks	NET Marks	Date of Eligibility			

Area of Specialization : Graph Theory

ResearchInterest

:Detour Concepts in Graph Theory

14			
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Experienceinyears

: Teaching Research Industry Others

Courses Taught in UG / PG Level :

	1.Engg.Maths-I,Engg.Maths-II,PQT		
No. of Workshop/Conferences/FDPattended	:		
No. of Workshop/Conferences/FDPOrganized	2.	5	5
	3.		
	Workshop	4	
	Workshop		

Professional Membership	
Publications	No.of papers published in National Journals / Conferences :3

	No.of papers published in InternationalJournals / Conferences:1		
	No.of Books published :		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: No.Of PG Students Guided: No.OfPh.Ds Guided:		
Research Funded Projects			
Patents	Filed: Granted:		
Technology Transfer			
Achievements			
Any Other Information			



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Name : Dr. James Immanuel S

Designation :Assistant Professor

DOB : 24/12/1988

Unique ID (College ID) : IT20MT01

Email :james.maths@sairamit.edu.in

Qualification : B.Sc., M.Sc., M.Phil., Ph.D. Mathematics

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc. Maths	April 2009	University of Madras	81	First
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.Sc. Maths	April 2011	University of Madras	82	First
	M.Phil. Maths	February 2013	University of Madras	90.3	First
Ph.D.	Date of Completion	Field of Specialization	University	NA	NA
	13/02/2019	Mathematics	University of Madras		
SLET Marks	NET Marks	Date of Eligibility			
<input type="text"/>	<input type="text"/>				

Area of Specialization : Theory of Computation

ResearchInterest :Formal Languages and Automata Theory

Experience in years : Teaching Research- Industry Others

Courses Taught in UG / PG Level :

1. Engineering Mathematics I
2. Probability and Random Process
3. Business Optimization Techniques
4. Discrete Structures

No. of Workshop/Conferences/

FDP Attended :

No. of Workshop/Conferences/

FDP Organized :

Workshop	6	Conferences	6	FDP	4
Workshop	0	Conferences	0	FDP	0

Professional Membership	Nil	
Publications	No. of papers published in National Journals / Conferences : 1	
	No. of papers published in International Journals / Conferences: 15	
	No. of Books published :--Nil--	
	Name of the Book	ISBN No:
Research Guidance	No.Of UG Students Guided: --Nil-- No.Of PG Students Guided:--Nil-- No.Of Ph.Ds Guided:--Nil--	
Research Funded Projects	--Nil--	
Patents	Filed:--Nil-- Granted:--Nil--	
Technology Transfer	--Nil--	

Achievements	1. Gold medal in B.Sc.
Any Other Information	None



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Name : Dr. YUVARAJ V
Designation : ASSISTANT PROFESSOR GRADE-I
DOB : 04-10-1981
Unique ID (College ID) : IT13MT02
Email : yuvaraj.maths@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc., Mathematics	01/04/2002	University of Madras	73.25	I
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.Sc., Mathematics	01/04/2004	University of Madras	66.75	I
	M.Phil., Mathematics	28-09-2007	Alagappa University	58.4	II
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	17.12.2018	Mathematical Modeling	Bharathiar University		
SLET Marks	NET Marks	Date of Eligibility	21-02-2016		
200	-				

Area of Specialization : Mathematical Modeling

Research Interest : Mathematical Modeling, Linear Algebra, Fluid Dynamics

Experience in years : Teaching Research Industry Others

Courses Taught in UG / PG Level :

1. ANT

2. LAPDE

No. of Workshop/Conferences/
FDP attended :

3. AOR

No. of Workshop/Conferences/
FDP Organized :

Workshop

Conferences

Conferences

Workshop

Professional Membership	Affiliated to “THE ASSOCIATION OF MATHEMATICS TEACHERS OF INDIA (REGD)” L10084– Life member since 2010.
	Affiliated to “ALL INDIA COUNCIL FOR TECHNICAL SKILL DEVELOPMENT (REGD)” AICTSD/PROFESSOR/03941 – Life member since 2019.
	Affiliated to “INTERNATION ASSOCIATION OF ENGINEERS (REGD)” Member Number: 205230 – Life member since 2019.
	Affiliated to “THE INDIAN SOCIETY FOR TECHNICAL EDUCATION (REGD)” LM128032 – Life member since 2019
Publications	No. of papers published in National Journals / Conferences :-
	No. of papers published in International Journals / Conferences: 12
	No. of Books published : 2

	Name of the Book	ISBN No:	Year of Publication
	Analytical and Geometric Models for Tsunami Wave Propagation	978-620-2-78678-2	September (2020)
	Zestful Phrasal Verbs Scoop-up	978-620-3-923322	June (2021)
Research Guidance	No.Of UG Students Guided:- No.Of PG Students Guided:- No.Of Ph.Ds Guided:-		
Research Funded Projects	-		
Patents	Filed: Titled “A system and Method for Detecting coronary heart disease from medical history” Application No. 202141025832, July (2021) Granted:		
Technology Transfer			
Achievements	<p align="center">College first in UG (2002) & PG (2004).</p> <p align="center">Achieved 100% Results in</p> <p>Mathematics-II for I-CSE B (2014-2015)</p> <p>Resource Management Techniques for IV-CSE A (2016-17)</p> <p>Probability Queuing Theory for II-IT C (2016-17)</p> <p>Transforms and Partial Differential Equations II ECE A (201-18)</p>		
Any Other Information	Qualified for TAMILNADU STATE ELIGIBILITY TEST (TNSET 2016) - Mother Teresa Women's University.		



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Name : N. AISHWARYA

Designation : ASSISTANT PROFESSOR

DOB : 18-01-1988



Unique ID (College ID) : IT13MT03

Email : aishwarya.maths@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc. Mathematics with Computer Applications	30/04/2009	Bharathidasan University	86	First Class with outstanding
PG	M.E/MTech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.Sc. Mathematics	24/6/2011	Madras University	93	First Class with outstanding
	M.Phil. Mathematics	30/01/2013		94	First Class with Distinction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	-	-	-		
SLET Marks	NET Marks	Date of Eligibility			
194	-	9/8/2017			

Area of Specialization : Statistics

ResearchInterest : Data Science

9		-	-
---	--	---	---

Experience in years:

Courses Taught in UG / PG Level:

- 1. Engineering Mathematics-I
- 2. Engineering Mathematics-II
- 3. Statistics & Linear Algebra
- 4. Discrete Mathematics
- 5. Probability and Queuing Theory
- 6. Probability and Random Process
- 7. Probability and Statistics
- 8. Statistics and Numerical Methods
- 9. Numerical Methods.
- 10. Algebra & Number Theory.
- 11. Probability & Statistical Method

Teaching

12. Graph Theory

13. TPDE

14. LAPDE

Research -
Industry Others

**No. of
Workshop/
Conferences/
FDP
attended**

Workshop

Conferences

FDP

**No. of
Workshop/
Conferences/
FDP
Organized**

Workshop

Conferences

FDP

:

:

Professional Membership							
Publications	No.of papers published in National Journals / Conferences: NIL						
	No.of papers published in International Journals / Conferences: NIL						
	No.of Books published:						
	<table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-	-
Name of the Book	ISBN No:	Year of Publication					
-	-	-					
Research Guidance	No.Of UG Students Guided: NIL No.Of PG Students Guided: NIL No.Of Ph.Ds Guided: NIL						
Research Funded Projects	NIL						
Patents	Filed: NIL Granted: NIL						
Technology Transfer							
Achievements	NIL						
Any Other Information	<ul style="list-style-type: none"> CURRENTLY DOING A COURSE IN DATA SCIENCE. 						



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Name : FLORA.T
Designation : ASSISTANT PROFESSOR
DOB : 11-04-1983
Unique ID (College ID) :IT21MT02
Email : flora.maths@sairamit.edu.in



Qualification : M.Sc.,M.Phil.,

UG	B.E/B.Tech/B.Sc. / B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc	14.04.2004	Auxilium College, Madra s University	80%	FIRST
PG	M.E/M.Tech/M.S c./ M.A./MBA/M.Ed	Date of Completion	University	% of Marks	Class
	M.Sc	17.04.2006	Loyola College, Madras University	84%	FIRST
	M.Phil	15.11.2007	Loyola College	79%	FIRST
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
		Graph Theory	Anna University		
SLET Marks	NET Marks	Date of Eligibility	8.09.2017		

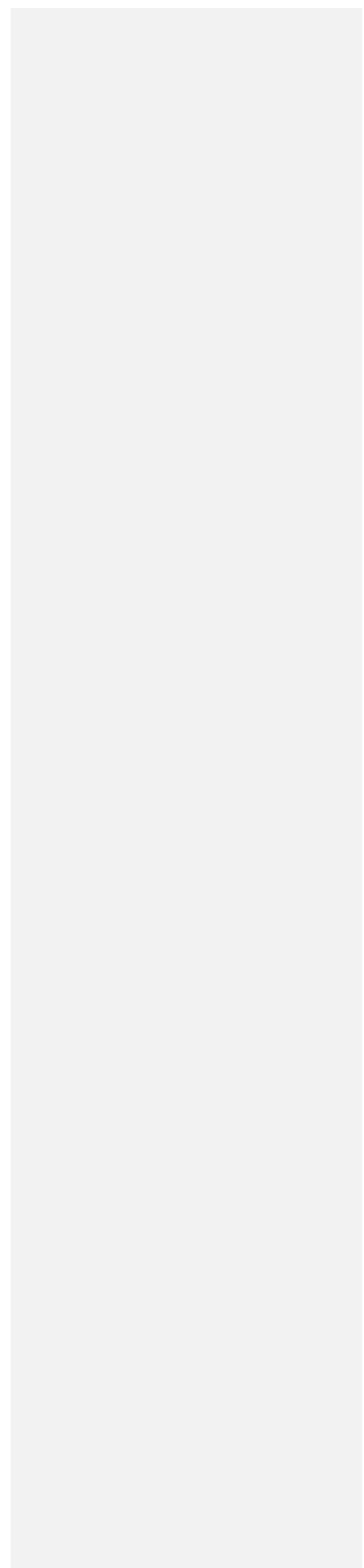
Area of Specialization : GRAPH THEORY

Research Interest : GRAPH THEORY

Experience in years : Courses Taught in UG / PG Level:

	Teaching	Research Others	Industry
No. of Workshop/Conferences/ FDP attended	1. ENGINEERINGG 2. PQT, DS 3. Workshop	G MATHS I, MATHS II	
No. of Workshop/Conferences/ FDP Organized	Workshop : Workshop	Conferences FDP	
		Conferences FDP	

Professional Membership						
Publications	No. of papers published in National Journals / Conferences :2					
	No. of papers published in International Journals / Conferences:2					
	No. of Books published : <table border="1"> <thead> <tr> <th>Name of the Book</th> <th>ISBN No:</th> <th>Year of Publication</th> </tr> </thead> <tbody> <tr> <td>-</td> <td>-</td> <td>-</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	-	-
Name of the Book	ISBN No:	Year of Publication				
-	-	-				
Research Guidance	No.Of UG Students Guided: No.Of PG Students Guided: No.Of Ph.Ds Guided:					
Research Funded Projects						
Patents	Filed: Granted:					
Technology Transfer						
Achievements						
Any Other Information						





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Name : **Dr. R. RAJASEKARAN**
 Designation : **ASSISTANT PROFESSOR**
 Email : **rajasekaran.phy@sairamit.edu.in**
 Qualification : **M.Sc., B.Ed., Ph.D.**
 Specialization : **Physics**
 Research Interest : **Biophotonics, Spectroscopy, Photodynamic
 Therapy, Nano Materials**
 Experience in years : **Teaching UG PG**
Industry
 Courses Taught in UG / PG : **Engineering Physics / Electronics
 Circuits and Microprocessor**
Radiobiology, Diagnostic Radiology Physics



No. of Workshop/Conferences/ : Workshop Conferences FDP
 FDP attended
 No. of Workshop/Conferences/ : Workshop Conferences FDP
 FDP Organized :

Professional Membership	Indian Laser Association
Publications	National: 1
	International: Journal: 10 , Conference Proc.: 6 (indexed)
	Book:
Research Funded Projects	
Patents	

Achievements	<ol style="list-style-type: none">1. Received CAPES fellowship for one year from Govt. of Brazil for doing Post Doctoral Research2. Delivered Invited talk at SPIE Photonics West 2017 – San Francisco USA
Any Other Information	<ol style="list-style-type: none">1. Reviewer for various Scopus Indexed Journals2. Anna University recognized supervisor for guiding Ph.D



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Name : **V.RAMYA**

Designation : **Assistant Professor**

DOB : **06.11.1980**

Unique ID (College ID) : **IT16PH01**

Email : **ramya.phy@sairamit.edu.in**

Qualification :



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.sc	APRIL-2001	BHARATHIDASAN UNIVERSITY	70	I
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.Sc	APRIL-2003	BHARATHIDASAN UNIVERSITY	65	I
	M.Phil	April 2006	BHARATHIDASAN UNIVERSITY	66	I
Ph.D(Doing)	Date of Completion	Field of Specialization	University	-	I
			BHARATHIDASAN UNIVERSITY		
SLET Marks	NET Marks	Date of Eligibility	NA	NA	NA
<input type="text"/>	<input type="text"/>				

Area of Specialization : **CRYSTAL GROWTH (PHYSICS)**

Research Interest :
 Experience in years : Teaching Research Industry Others

17 YEARS 7-months

Courses Taught in UG / PG Level : ENGINEERING PHYSICS, PHYSICS FOR INFORMATION SCIENCE, PHYSICS OF ELECTRONIC DEVICES, MATERIAL SCIENCE, MEDICAL ELECTRONICS, PROPERTIES OF MATTER

1.
 2.
 3.

Workshop Conferences FDP

Conferences FDP

No. of Workshop/Conferences/ FDP attended :
 Workshop
 CONFERENCE—3/ 7—FDP

No. of Workshop/Conferences/ FDP Organized :
 1—WORKSHOP ORGANISED

Professional Membership	ISTE-LM87136		
Publications	No. of papers published in National Journals / Conferences :		
	No. of papers published in International Journals / Conferences:		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
NA	NA	NA	
Research Guidance	No.Of UG Students Guided: No.Of PG Students Guided:		

	No.OfPh.Ds Guided:
Research Funded Projects	NA
Patents	Filed: Granted: NA
Technology Transfer	
Achievements	IN ACADAMICS PRODUCING 100% RESULTS IN U.G EXAMINATION BUDDING RESEARCHER
Any Other Information	NIL



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Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



Name : **B. Anusha**

Designation : Associate Professor

DOB : 02.03.1978

Unique ID (College ID) : IT14PH01

Email : anusha.phy@sairamit.edu.in

Qualification : M.Sc., M.Phil., (Ph.D)

UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc	30.4.98	M.K.University	83	I
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed.	Date of Completion	University	% of Marks	Class
	M.Sc	30.4.2000	M.K.university	61	I
	M.Phil	31.11.2003	M.S. University	70	I
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
SLET Marks	NET Marks	Date of Eligibility	21.2.2016		
<input type="text" value="186"/>	<input type="text"/>				

Area of Specialization : Physics

ResearchInterest : Nanocomposites

Experience in years :

Courses Taught in UG / PG Level : Engineering Physics, Physics of Materials, Physics for Electronic Devices, Physics of Information Science

No. of Workshop/Conferences/ FDP Attended :20

No. of Workshop/Conferences/ FDP Organized :1

Teaching

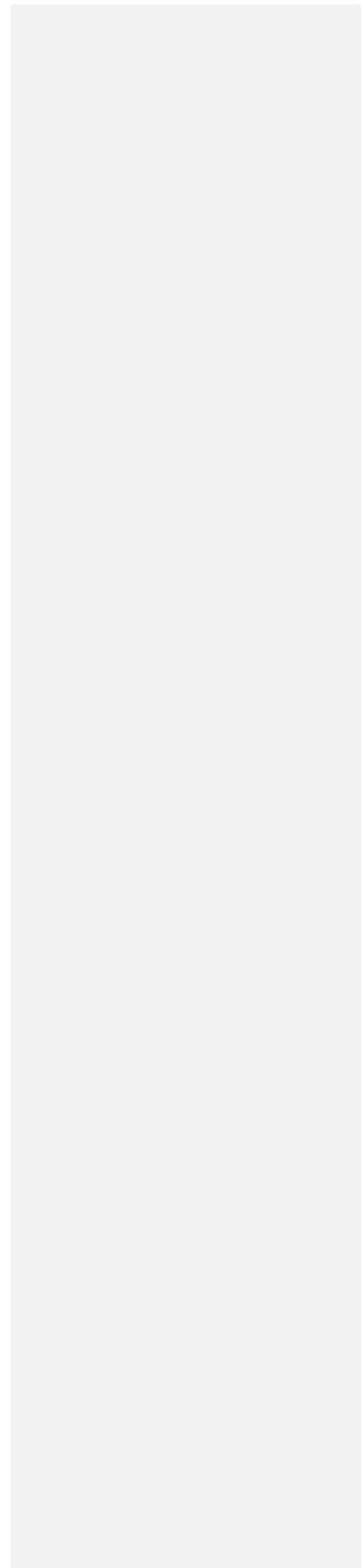
1.

2.

3.

Workshop

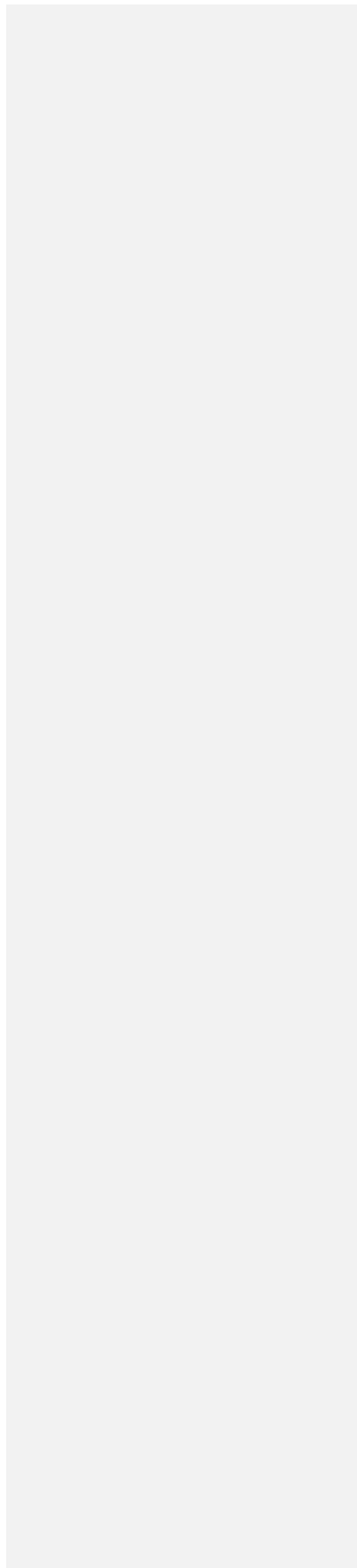
Workshop



Research Industry Others

ConferencesFDP

ConferencesFDP



Professional Membership	IEEE AND ISTE		
Publications	No. of papers published in National Journals / Conferences :-		
	No. of papers published in International Journals / Conferences: 2		
	No. of Books published :		
	Name of the Book	ISBN No:	Year of Publication
Research Guidance	No.Of UG Students Guided: No.Of PG Students Guided: No.Of Ph.Ds Guided:		
Research Funded Projects			
Patents	Filed: Granted:		
Technology Transfer			
Achievements			
Any Other Information	Organizing events for National Science Day 2021 & 2022. Organized orientation program during the academic year 2020-2021		



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Sai Leo Nagar, West Tambaram, Chennai-44, www.sairamit.edu.in

DEPARTMENT OF SCIENCE AND HUMANITIES

Name : Dr. T. ARIVAZHAGAN

Designation : Assistant Professor

DOB : 10-07-1978

Email : arivazhagan.phy@sairamit.edu.in

Qualification : M.Sc., M.Phil., Ph.D.

Specialization : Physics

Research Interest : Crystal Growth

Experience in years : Teaching UG Workshop PG



Courses Taught in UG / PG : Engineering Physics, Physics for Information Science, Material Science, Physics for Electronic Devices, Spectroscopy,

No. of Workshop/Conferences/
FDP attended : Workshop Conferences

No. of Workshop/Conferences/
FDP Organized : Conferences

Industry

FDP

10

FDP

-

Professional Membership	IEEE,ISTE,IAPT
Publications	National :-
	International:5
	Book :-
Research Funded Projects	Nil
Patents	Nil
Achievements	Achieved 100% result more than 5 times in Engineering Physics
Any Other Information	Anna University Supervisor for Ph.D. (Ref.No.3370039)



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Name : **E.VISWANATHAN**
Designation : **ASSISTANT PROFESSOR**
DOB : 24-11-1988
Unique ID (College ID) : IT20PH01
Email : viswanathan.phy@sairamit.edu.in

Qualification :

UG	B.E/B.Tech/B.Sc. / B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.Sc Physics	May 2009	Bharathidasan Univeristy	81.2	Distinction
PG	M.E/M.Tech/M.Sc./ M.A./MBA/M.Ed	Date of Completion	University	% of Marks	Class
	M.Sc Physics	May 2012	Bharathidasan Univeristy	89.7	Distinction
Ph.D	Date of Completion	Field of Specialization	University	NA	NA
	Thesis submitted	Condensed Matter Physics	Sathyabama Institute of Science and Technology		
SLET Marks	NET Marks	Date of Eligibility			
		Sep 2017			

Area of Specialization : Computational Condensed Matter

Physics

Research Interest : Density Functional theory

Experience in years : Teaching 2y 7m Research Courses Taught in UG Industry Others

PG Level :

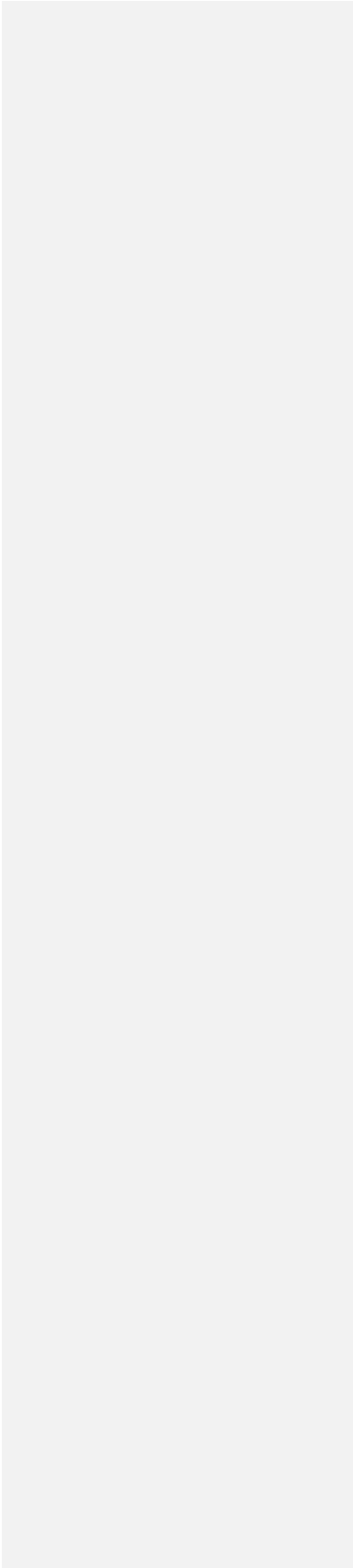
- 1.Engineering Physics
- 2.Physics of Information Science
- 3.Physics of Materials

No. of Workshop/Conferences/ FDP attended : Workshop Conferences FDP

No. of Workshop/Conferences/ FDP Organized : : Workshop Conferences FDP

Professional Membership	-					
Publications	No. of papers published in National Journals / Conferences :4					
	No. of papers published in International Journals / Conferences:18					
	No. of Books published : 1 <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 33%;">Name of the Book</th> <th style="width: 33%;">ISBN No:</th> <th style="width: 33%;">Year of Publication</th> </tr> </thead> <tbody> <tr> <td>Thermoelectric properties of BaFe₂As₂ and Ba₂FeAs₂ Compounds</td> <td>978-620-2-31424-4</td> <td>2018</td> </tr> </tbody> </table>	Name of the Book	ISBN No:	Year of Publication	Thermoelectric properties of BaFe ₂ As ₂ and Ba ₂ FeAs ₂ Compounds	978-620-2-31424-4
Name of the Book	ISBN No:	Year of Publication				
Thermoelectric properties of BaFe ₂ As ₂ and Ba ₂ FeAs ₂ Compounds	978-620-2-31424-4	2018				
Research Guidance	No.Of UG Students Guided:-Nil- No.Of PG Students Guided: -Nil- No.Of Ph.Ds Guided: -Nil-					
Research Funded Projects	-Nil-					
Patents	Filed: -Nil- Granted: -Nil-					
Technology Transfer	-Nil-					

Achievements	-Nil-
Any Other Information	-Nil-



Research Funded Projects	Nil
Patents	Nil
Achievements	(This year only) . . . 1. Acted as Anna University Swimming coach (M/W) in 2022 2. Acted as Anna University Selector in Tennis men in 2022 3. Acted as Anna University Selector in Sepak Takraw (M/W) in 2022
Any Other Information	1. Got 4 Gold, 10 silver and 3 bronze medals in All in India Aquatics competition 2021-22 (17 nos)



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Name : **Dr. T.N.M.THARINNI MAI**

Designation : **SENIOR LIBRARIAN/ASSOCIATE PROFESSOR**

DOB : 14.06.1967

Unique ID (College ID) : **IT08LI01**

Email : librarian@sairamit.edu.in

Qualification : **M.A., M.L.I.S., M.Phil., MBA, Ph.D**



UG	B.E/B.Tech/B.Sc./ B.A./BBA/B.Ed.	Date of Completion	University	% of Marks	Class
	B.A.	1990	Madurai Kamaraj Univ.	52 %	Second Class
	B.L.I.S.	1994	Madurai Kamaraj Univ	44 %	Third Class
PG	M.E/M.Tech/M.Sc./ M.A./MBA/B.Ed.	Date of Completion	University	% of Marks	Class
	M.A.	2019	Annamalai Univ.	63.3%	First Class
	M.L.I.S.	1998	Annamalai Univ.	55 %	Second Class
	M.Phil.	2003	Madurai Kamaraj Univ.	63 %	First Class
	MBA	2012	Madurai Kamaraj Univ.	59.3 %	Second Class
Ph.D	Date of Completion	Field of Specialization	University	NA	Highly Commended
	2013	Library & Information Science	Mother Teresa Women's University		
SLET Marks	NET Marks	Date of Eligibility			
-	-				

Area of Specialization : Library & Information Science

Research Interest : Library & Information Science

Experience in years : Teaching - Research - Industry Library 23

Courses Taught in UG / PG Level :

-

1.

2.

No. of Workshop/Conferences/
FDP attended :

3.

No. of Workshop/Conferences/
FDP Organized :

Workshop 15

Conferences 28

FDP 3

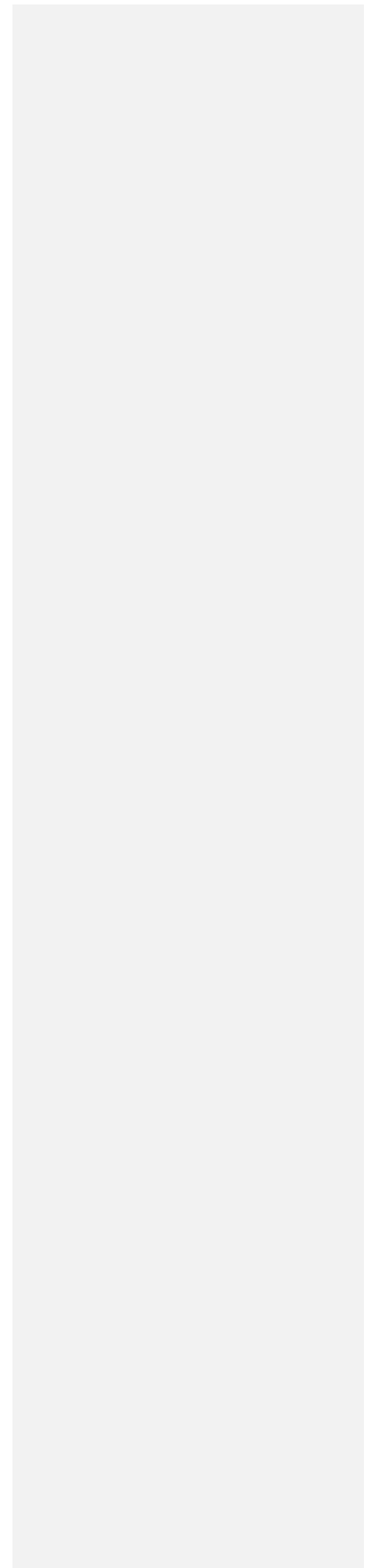
Conferences -

FDP -

Workshop -

Professional Membership	<ol style="list-style-type: none"> 1. Life member in Madras Library Association (MALA) 2. Life member in Public Library, Chennai 3. Life member in Society for the Advancement of Library and Information Science (SALIS) 4. Life member in Indian Society for Technical Education (ISTE) 5. Life Member in LIS Academy, Bangalore 6. National Digital Library (NDL) & Also NDLI Club President 								
Publications	No. of papers published in National Journals / Conferences : 1								
	No. of papers published in International Journals / Conferences: 1								
	<table border="1"> <tr> <td colspan="3">No. of Books published :</td> </tr> <tr> <td>Name of the Book</td> <td>ISBN No:</td> <td>Year of Publication</td> </tr> <tr> <td>-</td> <td></td> <td></td> </tr> </table>	No. of Books published :			Name of the Book	ISBN No:	Year of Publication	-	
No. of Books published :									
Name of the Book	ISBN No:	Year of Publication							
-									
Research Guidance	No.Of UG Students Guided: - No.Of PG Students Guided: - No.Of Ph.Ds Guided: -								
Research Funded Projects	-								
Patents	Filed: - Granted: -								
Technology Transfer	-								
Achievements	<ul style="list-style-type: none"> • Framed two new Engineering College Libraries • Srinivasa Institute Of Engineering And Technology, Jaya Group Of Institutions in the year 2005 & 2006. • Best Women Award in Library Profession winner, AMN Association for the year of March 2016. • Certificate of Appreciation from IIT, for the NPTEL Local Chapter SPOC in the year of Jan to June 2018, 2019, 2020 July to Dec. 2017, 2018, 2019, 2020. • Madras Library Association appreciated for Library & Information Field in the year of 2017. • Madras Library association (MALA) National Best Librarian award – 2017 August 12th. • Madras Library Association (MALA) Mr.K.Venkataramani- 								

	<p>Mrs.V.Jeyanthi Best Woman Librarian Award – 2019 August 12th.</p> <ul style="list-style-type: none"> • Prof.Dr.Mohanarangan Educational Research and Training Center, Chennai and Tamilnadulibrarians.com Noolaga Maamani Viruthu in the year of 2021, 14th April. • Madras Library association (MALA) Mr.R.Venkata Ramanan Outstanding Service Award – 2021 August 12th. • AKS Education – Global Librarians’ Award 2021 for Excellence in Competence & Remarkable Work and Contribution in Library Services , August 29th
Any Other Information	<p>Involved All College Functions Library Committee Cultural Committee Sports Activities NCC Club</p>



Enrolment and Placement details 2019-20

Dept	Exam Reg.Stud.Str	Total No of Students Placed
CSE	109	106
EEE	112	79
IT	114	92
ECE	115	92
MECH	128	108
CIVIL	109	76
Total	687	553

2020-21

Dept	Exam Reg.Stud.Str	Total No of Students Placed
CSE	92	86
EEE	72	63
IT	97	88
ECE	100	91
MECH	97	82
CIVIL	63	51
Total	521	461

2021-22

Department	Exam Reg.Stud.Str	Total No of Students Placed
CSE	114	100
CIVIL	44	33
IT	102	93
ECE	101	95
EEE	90	73
MECH	109	88
Total	560	482

Department	Year	Maximum Salary	Average Salary	Minimum Salary
CSE	2019	5.00 LPA	3.5 LPA	3.00 LPA
	2020	7.00 LPA	4.5 LPA	3.5 LPA
	2021	7.00 LPA	4.5 LPA	3.5 LPA
IT	2019	4.00 LPA	3.5 LPA	3.00 LPA
	2020	5.5 LPA	4.5 LPA	3.5 LPA
	2021	7.00 LPA	4.5 LPA	3.5 LPA
ECE	2019	4.5 LPA	3.5 LPA	3.00 LPA
	2020	6.5 LPA	4.5 LPA	3.5 LPA
	2021	12.11 LPA	4.5 LPA	3.5 LPA
EEE	2019	4.00 LPA	3.5 LPA	3.00 LPA
	2020	4.6 LPA	4.00 LPA	3.5 LPA
	2021	6.2 LPA	4.5 LPA	3.5 LPA
MECH	2019	5.25 LPA	3.5 LPA	3.00 LPA
	2020	4.5 LPA	3.5 LPA	3.00 LPA
	2021	4.5 LPA	3.35 LPA	3.00 LPA
CIVIL	2019	3.35 LPA	3.15 LPA	3.00 LPA
	2020	4.5 LPA	3.5 LPA	3.00 LPA
	2021	3.35 LPA	-	-

CENTRAL LIBRARY

- **NUMBER OF LIBRARY BOOKS/ TITLES/ JOURNALS AVAILABLE
(PROGRAMME-WISE)**

LIBRARY RESOURCES as on 17/02/2022

S.NO.	DEPARTMENT	BOOKS		JOURNALS	
		TITLES	VOLUMES	INTERNATIONAL	NATIONAL
1	ECE	1117	3922	6	6
2	CSE	1111	3917	6	6
3	IT	1109	3910	6	6
4	EEE	1112	3914	6	6
5	MECHANICAL	1055	3719	6	6
6	CCE	379	1013	6	6
7	AIDS	376	1002	6	6
8	S & H	1218	4026	6	6
9	M.E. (Industrial Safety Engg.)	150	663	3	3
10	M.E.(Big Data Analytics)	125	508	3	3
11	MBA	1916	7665	15	15
	Total	9668	34259	69	69

• **LIST OF ONLINE NATIONAL/ INTERNATIONAL JOURNALS SUBSCRIBED**

Science Direct - 275 Nos.

IEEE - 3743 Nos.

SCIENCE DIRECT LIST OF JOURNAL

Sl.No.	ISSN Number	Journal Title
1	0038-1101	Solid-State Electronics
2	0967-0661	Control Engineering Practice
3	0968-090X	Transportation Research Part C: Emerging Technologies
4	1350-6307	Engineering Failure Analysis
5	0020-7403	International Journal of Mechanical Sciences
6	0735-1933	International Communications in Heat and Mass Transfer

7	0017-9310	International Journal of Heat and Mass Transfer
8	0022-5096	Journal of the Mechanics and Physics of Solids
9	0301-9322	International Journal of Multiphase Flow
10	0306-4379	Information Systems
11	0306-4573	Information Processing & Management
12	1365-1609	International Journal of Rock Mechanics and Mining Sciences
13	0890-6955	International Journal of Machine Tools and Manufacture
14	0196-8904	Energy Conversion and Management
15	0005-1098	Automatica
16	0026-2714	Microelectronics Reliability
17	0020-7225	International Journal of Engineering Science
18	0895-6111	Computerized Medical Imaging and Graphics
19	0360-1323	Building and Environment
20	0020-7683	International Journal of Solids and Structures
21	0020-7462	International Journal of Non-Linear Mechanics
22	0305-0548	Computers & Operations Research
23	0898-1221	Computers & Mathematics with Applications
24	0022-4898	Journal of Terramechanics
25	0094-114X	Mechanism and Machine Theory
26	0169-1317	Applied Clay Science
27	0094-5765	Acta Astronautica
28	0029-8018	Ocean Engineering
29	0021-9290	Journal of Biomechanics
30	0013-7944	Engineering Fracture Mechanics
31	0031-3203	Pattern Recognition
32	0016-0032	Journal of the Franklin Institute
33	0001-4575	Accident Analysis & Prevention
34	0098-1354	Computers & Chemical Engineering
35	2214-5796	Big Data Research
36	0010-4825	Computers in Biology and Medicine
37	0008-8846	Cement and Concrete Research
38	0045-7949	Computers & Structures
39	0045-7930	Computers & Fluids
40	0045-7906	Computers & Electrical Engineering
41	0097-8493	Computers & Graphics
42	0093-6413	Mechanics Research Communications
43	1476-9271	Computational Biology and Chemistry
44	0098-3004	Computers & Geosciences
45	0360-8352	Computers & Industrial Engineering
46	0376-0421	Progress in Aerospace Sciences
47	1367-5788	Annual Reviews in Control
48	0360-1285	Progress in Energy and Combustion Science
49	0965-8564	Transportation Research Part A: Policy and Practice

50	1359-4311	Applied Thermal Engineering
51	0172-2190	World Patent Information
52	0022-4375	Journal of Safety Research
53	0734-743X	International Journal of Impact Engineering
54	0736-5853	Telematics and Informatics
55	0736-5845	Robotics and Computer-Integrated Manufacturing
56	0747-5632	Computers in Human Behavior
57	0749-6419	International Journal of Plasticity
58	0886-7798	Tunnelling and Underground Space Technology
59	0893-6080	Neural Networks
60	0893-9659	Applied Mathematics Letters
61	0957-4158	Mechatronics
62	0957-4174	Expert Systems with Applications
63	1471-7727	Information and Organization
64	0960-1481	Renewable Energy
65	0952-1976	Engineering Applications of Artificial Intelligence
66	1359-8368	Composites Part B: Engineering
67	1369-8001	Materials Science in Semiconductor Processing
68	0166-3615	Computers in Industry
69	1468-1218	Nonlinear Analysis: Real World Applications
70	0965-9978	Advances in Engineering Software
71	0003-682X	Applied Acoustics
72	0306-2619	Applied Energy
73	0141-1187	Applied Ocean Research
74	1474-0346	Advanced Engineering Informatics
75	0958-9465	Cement and Concrete Composites
76	0266-352X	Computers and Geotechnics
77	0263-8223	Composite Structures
78	0266-3538	Composites Science and Technology
79	0143-7208	Dyes and Pigments
80	0955-7997	Engineering Analysis with Boundary Elements
81	1364-8152	Environmental Modelling & Software
82	0379-7112	Fire Safety Journal
83	0266-1144	Geotextiles and Geomembranes
84	0308-0161	International Journal of Pressure Vessels and Piping
85	0143-974X	Journal of Constructional Steel Research
86	0951-8339	Marine Structures
87	0143-8166	Optics and Lasers in Engineering
88	0964-5691	Ocean & Coastal Management
89	0266-8920	Probabilistic Engineering Mechanics
90	0951-8320	Reliability Engineering & System Safety
91	0267-7261	Soil Dynamics and Earthquake Engineering
92	0263-8231	Thin-Walled Structures

93	0956-5663	Biosensors and Bioelectronics
94	1361-3723	Computer Fraud & Security
95	0267-3649	Computer Law & Security Review
96	0167-4048	Computers & Security
97	0278-6125	Journal of Manufacturing Systems
98	0026-2692	Microelectronics Journal
99	1369-7021	Materials Today
100	0889-9746	Journal of Fluids and Structures
101	1353-4858	Network Security
102	1526-6125	Journal of Manufacturing Processes
103	2214-2126	Journal of Information Security and Applications
104	0969-4765	Biometric Technology Today
105	0362-546X	Nonlinear Analysis
106	0003-6870	Applied Ergonomics
107	0142-9612	Biomaterials
108	1359-835X	Composites Part A: Applied Science and Manufacturing
109	0010-4485	Computer-Aided Design
110	0950-0618	Construction and Building Materials
111	0142-694X	Design Studies
112	0141-0296	Engineering Structures
113	0955-5986	Flow Measurement and Instrumentation
114	0143-7496	International Journal of Adhesion and Adhesives
115	0142-0615	International Journal of Electrical Power & Energy Systems
116	0142-1123	International Journal of Fatigue
117	0263-7863	International Journal of Project Management
118	0140-7007	International Journal of Refrigeration
119	0950-4230	Journal of Loss Prevention in the Process Industries
120	0959-1524	Journal of Process Control
121	0308-597X	Marine Policy
122	1040-6190	The Electricity Journal
123	1350-4533	Medical Engineering & Physics
124	0963-8695	NDT & E International
125	0030-3992	Optics & Laser Technology
126	0198-9715	Computers Environment and Urban Systems
127	0308-5961	Telecommunications Policy
128	0301-679X	Tribology International
129	1746-8094	Biomedical Signal Processing and Control
130	2666-2817	Forensic Science International: Digital Investigation
131	1742-7061	Acta Biomaterialia
132	1540-7489	Proceedings of the Combustion Institute
133	1748-0132	Nano Today
134	1751-1577	Journal of Informetrics
135	0007-8506	CIRP Annals

136	1751-570X	Nonlinear Analysis: Hybrid Systems
137	1755-5817	CIRP Journal of Manufacturing Science and Technology
138	2214-9937	Sustainable Materials and Technologies
139	0933-3657	Artificial Intelligence in Medicine
140	0168-1699	Computers and Electronics in Agriculture
141	0167-1987	Soil & Tillage Research
142	0011-9164	Desalination
143	0377-0257	Journal of Non-Newtonian Fluid Mechanics
144	0927-0256	Computational Materials Science
145	0010-4655	Computer Physics Communications
146	0167-6105	Journal of Wind Engineering and Industrial Aerodynamics
147	0167-6636	Mechanics of Materials
148	0167-8442	Theoretical and Applied Fracture Mechanics
149	0004-3702	Artificial Intelligence
150	0926-5805	Automation in Construction
151	0925-7721	Computational Geometry
152	0167-8396	Computer Aided Geometric Design
153	0140-3664	Computer Communications
154	1389-1286	Computer Networks
155	0920-5489	Computer Standards & Interfaces
156	0169-023X	Data & Knowledge Engineering
157	0166-218X	Discrete Applied Mathematics
158	0141-9382	Displays
159	0168-874X	Finite Elements in Analysis and Design
160	0167-739X	Future Generation Computer Systems
161	0262-8856	Image and Vision Computing
162	0950-5849	Information and Software Technology
163	0020-0190	Information Processing Letters
164	0169-8141	International Journal of Industrial Ergonomics
165	0167-9260	Integration
166	0377-0427	Journal of Computational and Applied Mathematics
167	0304-3886	Journal of Electrostatics
168	0950-7051	Knowledge-Based Systems
169	0378-4754	Mathematics and Computers in Simulation
170	0167-9317	Microelectronic Engineering
171	1383-7621	Journal of Systems Architecture
172	0141-9331	Microprocessors and Microsystems
173	0925-2312	Neurocomputing
174	0167-8191	Parallel Computing
175	0167-8655	Pattern Recognition Letters
176	0166-5316	Performance Evaluation
177	0921-8890	Robotics and Autonomous Systems
178	0167-6423	Science of Computer Programming

179	0165-1684	Signal Processing
180	0923-5965	Signal Processing: Image Communication
181	1569-190X	Simulation Modelling Practice and Theory
182	0167-6393	Speech Communication
183	0304-3975	Theoretical Computer Science
184	0378-3839	Coastal Engineering
185	0924-2716	ISPRS Journal of Photogrammetry and Remote Sensing
186	0167-9473	Computational Statistics & Data Analysis
187	2352-0124	Structures
188	0167-9236	Decision Support Systems
189	0377-2217	European Journal of Operational Research
190	0165-0114	Fuzzy Sets and Systems
191	0378-7206	Information & Management
192	0925-5273	International Journal of Production Economics
193	0019-0578	ISA Transactions
194	0963-8687	The Journal of Strategic Information Systems
195	0263-2241	Measurement
196	0925-7535	Safety Science
197	0167-4730	Structural Safety
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3	10th IEEE International Conference on Fuzzy Systems. (Cat. No.01CH37297)
4	10th International Symposium on Electrets (ISE 10). Proceedings (Cat. No.99 CH36256)
5	11th IEEE International Symposium on Distributed Simulation and Real-Time Applications (DS-RT'07)
6	11th IEEE Mediterranean Electrotechnical Conference (IEEE Cat. No.02CH37379)
7	11th International Symposium on Power Semiconductor Devices and ICs. ISPSD'99 Proceedings (Cat. No.99CH36312)
8	12th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications. PIMRC 2001. Proceedings (Cat. No.01TH8598)
9	12th International Conference on Semiconducting and Insulating Materials, 2002. SIMC-XII-2002.
10	12th International Symposium on Power Semiconductor Devices & ICs. Proceedings (Cat. No.00CH37094)
11	13th Annual IEEE/SEMI Advanced Semiconductor Manufacturing Conference. Advancing the Science and Technology of Semiconductor Manufacturing. ASMC 2002 (Cat. No.02CH37259)
12	13th International Conference on Semiconducting and Insulating Materials, 2004. SIMC-XIII-2004.
13	13th International IEEE Conference on Intelligent Transportation Systems
14	13th InterSociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems
15	14th IEEE International Conference on Tools with Artificial Intelligence, 2002. (ICTAI 2002). Proceedings.
16	14th IEEE International Symposium on Applications of Ferroelectrics, 2004. ISAF-04. 2004
17	16th IEEE International Conference on Tools with Artificial Intelligence
18	16th IEEE International Symposium on Software Reliability Engineering (ISSRE'05)

19	16th IEEE Symposium Computer-Based Medical Systems, 2003. Proceedings.
20	16th IEEE Symposium on Mass Storage Systems in cooperation with the 7th NASA Goddard Conference on Mass Storage Systems and Technologies (Cat. No.99CB37098)
21	16th International IEEE Conference on Intelligent Transportation Systems (ITSC 2013)
22	16th IPRM. 2004 International Conference on Indium Phosphide and Related Materials, 2004.
23	17th DASC. AIAA/IEEE/SAE. Digital Avionics Systems Conference. Proceedings (Cat. No.98CH36267)
24	17th IEEE International Conference on Micro Electro Mechanical Systems. Maastricht MEMS 2004 Technical Digest
25	17th IEEE International Conference on Tools with Artificial Intelligence (ICTAI'05)
26	17th IEEE Symposium on Computer Arithmetic (ARITH'05)
27	17th International IEEE Conference on Intelligent Transportation Systems (ITSC)
28	18th Annual Conference on Computer Documentation. ipcc sigdoc 2000. Technology and Teamwork. Proceedings. IEEE Professional Communication Society International Professional Communication Conference an
29	18th Annual IEEE Symposium of Logic in Computer Science, 2003. Proceedings.
30	18th IEEE Annual Conference on Computational Complexity, 2003. Proceedings.
31	18th IEEE International Conference on Micro Electro Mechanical Systems, 2005. MEMS 2005.
32	18th IEEE Symposium on Computer Arithmetic (ARITH '07)
33	18th IEEE Symposium on Computer-Based Medical Systems (CBMS'05)
34	18th IEEE/NPSS Symposium on Fusion Engineering. Symposium Proceedings (Cat. No.99CH37050)
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36	1998 Conference on Precision Electromagnetic Measurements Digest (Cat. No.98CH36254)
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96	19th IEEE Symposium on Computer-Based Medical Systems (CBMS'06)
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120	2000 IEEE/SEMI Advanced Semiconductor Manufacturing Conference and Workshop. ASMC 2000 (Cat. No.00CH37072)
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178	2002 IEEE Region 10 Conference on Computers, Communications, Control and Power Engineering. TENCOM '02. Proceedings.
179	2002 IEEE Ultrasonics Symposium, 2002. Proceedings.
180	2002 IEEE World Congress on Computational Intelligence. 2002 IEEE International Conference on Fuzzy Systems. FUZZ-IEEE'02. Proceedings (Cat. No.02CH37291)
181	2002 International Topical Meeting on Microwave Photonics
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190	2003 IEEE 58th Vehicular Technology Conference. VTC 2003-Fall (IEEE Cat. No.03CH37484)
191	2003 IEEE Computer Society Conference on Computer Vision and Pattern Recognition, 2003. Proceedings.
192	2003 IEEE International Conference on Acoustics, Speech, and Signal Processing, 2003. Proceedings. (ICASSP '03).
193	2003 IEEE International Conference on Consumer Electronics, 2003. ICCE.

194	2003 IEEE International Conference on Robotics and Automation (Cat. No.03CH37422)
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262	2005 IEEE/RSJ International Conference on Intelligent Robots and Systems
263	2005 International Conference on Computer Design
264	2005 International Conference on Dependable Systems and Networks (DSN'05)
265	2005 International Symposium on Electromagnetic Compatibility, 2005. EMC 2005.
266	2005 OSA Topical Meeting on Information Photonics (IP)
267	2005 Quantum Electronics and Laser Science Conference
268	2005/2006 IEEE/PES Transmission and Distribution Conference and Exhibition
269	2006 12th International Symposium on Antenna Technology and Applied Electromagnetics and Canadian Radio Sciences Conference
270	2006 15th IEEE International Symposium on the Applications of Ferroelectrics
271	2006 16th Biennial University/Government/Industry Microelectronics Symposium

272	2006 18th IEEE International Conference on Tools with Artificial Intelligence (ICTAI'06)
273	2006 22nd IEEE International Conference on Software Maintenance
274	2006 25th IEEE Symposium on Reliable Distributed Systems (SRDS'06)
275	2006 27th IEEE International Real-Time Systems Symposium (RTSS'06)
276	2006 37th IEEE Power Electronics Specialists Conference
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278	2006 47th Annual IEEE Symposium on Foundations of Computer Science (FOCS'06)
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280	2006 4th International Symposium on Modeling and Optimization in Mobile, Ad Hoc and Wireless Networks
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297	2006 IEEE Conference on Computer Aided Control System Design, 2006 IEEE International Conference on Control Applications, 2006 IEEE International Symposium on Intelligent Control
298	2006 IEEE Conference on Electrical Insulation and Dielectric Phenomena
299	2006 IEEE Conference on Radar
300	2006 IEEE GCC Conference (GCC)
301	2006 IEEE Industrial and Commercial Power Systems Technical Conference - Conference Record
302	2006 IEEE Instrumentation and Measurement Technology Conference Proceedings
303	2006 IEEE International Conference on Acoustics Speech and Signal Processing Proceedings
304	2006 IEEE International Conference on Communications
305	2006 IEEE International Conference on Fuzzy Systems
306	2006 IEEE International Conference on Microelectronic Test Structures
307	2006 IEEE International Conference on Systems, Man and Cybernetics
308	2006 IEEE International Engineering Management Conference
309	2006 IEEE International Frequency Control Symposium and Exposition
310	2006 IEEE International Magnetics Conference (INTERMAG)

311	2006 IEEE International Performance Computing and Communications Conference
312	2006 IEEE International Professional Communication Conference
313	2006 IEEE International Reliability Physics Symposium Proceedings
314	2006 IEEE international SOI Conference Proceedings
315	2006 IEEE International Solid State Circuits Conference - Digest of Technical Papers
316	2006 IEEE International Symposium on Circuits and Systems (ISCAS)
317	2006 IEEE International Symposium on Electromagnetic Compatibility, 2006. EMC 2006.
318	2006 IEEE International Symposium on Geoscience and Remote Sensing
319	2006 IEEE International Symposium on Information Theory
320	2006 IEEE International Symposium on Power Semiconductor Devices and IC's
321	2006 IEEE International Symposium on Semiconductor Manufacturing
322	2006 IEEE International Symposium on Technology and Society
323	2006 IEEE International Test Conference
324	2006 IEEE MTT-S International Microwave Symposium Digest
325	2006 IEEE Nuclear Science Symposium Conference Record
326	2006 IEEE Power Engineering Society General Meeting
327	2006 IEEE Region 5 Conference
328	2006 IEEE Rural Electric Power Conference
329	2006 IEEE Symposium on Security and Privacy (S&P'06)
330	2006 IEEE Ultrasonics Symposium
331	2006 IEEE/ACM International Conference on Computer Aided Design
332	2006 IEEE/AIAA 25TH Digital Avionics Systems Conference
333	2006 IEEE/IFIP Network Operations and Management Symposium NOMS 2006
334	2006 IEEE/ION Position, Location, And Navigation Symposium
335	2006 IEEE/RSJ International Conference on Intelligent Robots and Systems
336	2006 International Conference of the IEEE Engineering in Medicine and Biology Society
337	2006 International Conference on Computer Design
338	2006 International Conference on Image Processing
339	2006 International Conference on Indium Phosphide and Related Materials Conference Proceedings
340	2006 International Electron Devices Meeting
341	2006 International Symposium on Discharges and Electrical Insulation in Vacuum
342	2006 Optical Fiber Communication Conference and the National Fiber Optic Engineers Conference
343	2006 Proceeding of the Thirty-Eighth Southeastern Symposium on System Theory
344	2006 Record of Conference Papers - IEEE Industry Applications Society 53rd Annual Petroleum and Chemical Industry Conference
345	2006 Sixth IEEE Conference on Nanotechnology
346	2006 Symposium on VLSI Circuits, 2006. Digest of Technical Papers.
347	2006 Symposium on VLSI Technology, 2006. Digest of Technical Papers.
348	2006 Technology Management for the Global Future - PICMET 2006 Conference
349	2006 Tenth IEEE International Symposium on Distributed Simulation and Real-Time Applications
350	2006 Thirty-First IEEE/CPMT International Electronics Manufacturing Technology Symposium

351	2007 10th International Conference on Information Fusion
352	2007 16th IEEE International Pulsed Power Conference
353	2007 22nd International Congress on Instrumentation in Aerospace Simulation Facilities
354	2007 25th International Conference on Computer Design
355	2007 26th IEEE International Symposium on Reliable Distributed Systems (SRDS 2007)
356	2007 29th Annual International Conference of the IEEE Engineering in Medicine and Biology Society
357	2007 32nd IEEE/CPMT International Electronic Manufacturing Technology Symposium
358	2007 37th Annual Frontiers In Education Conference - Global Engineering: Knowledge Without Borders, Opportunities Without Passports
359	2007 41st Annual IEEE International Carnahan Conference on Security Technology
360	2007 44th ACM/IEEE Design Automation Conference
361	2007 46th IEEE Conference on Decision and Control
362	2007 50th Midwest Symposium on Circuits and Systems
363	2007 69th ARFTG Conference
364	2007 7th IEEE Conference on Nanotechnology (IEEE NANO)
365	2007 American Control Conference
366	2007 Annual Reliability and Maintainability Symposium
367	2007 Annual Report - Conference on Electrical Insulation and Dielectric Phenomena
368	2007 Canadian Conference on Electrical and Computer Engineering
369	2007 Computers in Cardiology
370	2007 Conference on Lasers and Electro-Optics (CLEO)
371	2007 Conference Record of the Forty-First Asilomar Conference on Signals, Systems and Computers
372	2007 Digest of Technical Papers International Conference on Consumer Electronics
373	2007 Electrical Insulation Conference and Electrical Manufacturing Expo
374	2007 IEEE 11th International Conference on Computer Vision
375	2007 IEEE 19th International Conference on Indium Phosphide & Related Materials
376	2007 IEEE 20th International Conference on Micro Electro Mechanical Systems (MEMS)
377	2007 IEEE 22nd International Symposium on Intelligent Control
378	2007 IEEE 22nd Symposium on Fusion Engineering
379	2007 IEEE 23rd International Conference on Data Engineering
380	2007 IEEE 33rd Annual Northeast Bioengineering Conference
381	2007 IEEE 34th International Conference on Plasma Science (ICOPS)
382	2007 IEEE 65th Vehicular Technology Conference - VTC2007-Spring
383	2007 IEEE 66th Vehicular Technology Conference
384	2007 IEEE 8th Human Factors and Power Plants and HPRCT 13th Annual Meeting
385	2007 IEEE Antennas and Propagation Society International Symposium
386	2007 IEEE Autotestcon
387	2007 IEEE Bipolar/BiCMOS Circuits and Technology Meeting
388	2007 IEEE Cement Industry Technical Conference Record
389	2007 IEEE Compound Semiconductor Integrated Circuits Symposium
390	2007 IEEE Conference on Computer Vision and Pattern Recognition
391	2007 IEEE Custom Integrated Circuits Conference

392	2007 IEEE Industry Applications Annual Meeting
393	2007 IEEE Instrumentation & Measurement Technology Conference IMTC 2007
394	2007 IEEE Intelligent Vehicles Symposium
395	2007 IEEE International Conference on Acoustics, Speech and Signal Processing - ICASSP '07
396	2007 IEEE International Conference on Communications
397	2007 IEEE International Conference on Control Applications
398	2007 IEEE International Conference on Image Processing
399	2007 IEEE International Conference on Microelectronic Test Structures
400	2007 IEEE International Conference on Software Maintenance
401	2007 IEEE International Conference on Solid Dielectrics
402	2007 IEEE International Conference on Systems, Man and Cybernetics
403	2007 IEEE International Electron Devices Meeting
404	2007 IEEE International Engineering Management Conference
405	2007 IEEE International Frequency Control Symposium Joint with the 21st European Frequency and Time Forum
406	2007 IEEE International Fuzzy Systems Conference
407	2007 IEEE International Geoscience and Remote Sensing Symposium
408	2007 IEEE International Performance, Computing, and Communications Conference
409	2007 IEEE International Professional Communication Conference
410	2007 IEEE International Reliability Physics Symposium Proceedings. 45th Annual
411	2007 IEEE International SOI Conference
412	2007 IEEE International Solid-State Circuits Conference. Digest of Technical Papers
413	2007 IEEE International Symposium on Circuits and Systems (ISCAS)
414	2007 IEEE International Symposium on Electromagnetic Compatibility
415	2007 IEEE International Symposium on Information Theory
416	2007 IEEE International Symposium on Technology and Society
417	2007 IEEE International Technology Management Conference (ICE)
418	2007 IEEE International Test Conference
419	2007 IEEE Nuclear Science Symposium Conference Record
420	2007 IEEE Pacific Rim Conference on Communications, Computers and Signal Processing
421	2007 IEEE Particle Accelerator Conference (PAC)
422	2007 IEEE Petroleum and Chemical Industry Technical Conference
423	2007 IEEE Power Electronics Specialists Conference
424	2007 IEEE Power Engineering Society General Meeting
425	2007 IEEE Radar Conference
426	2007 IEEE Radio Frequency Integrated Circuits (RFIC) Symposium
427	2007 IEEE Rural Electric Power Conference
428	2007 IEEE Symposium on Security and Privacy (SP '07)
429	2007 IEEE Symposium on VLSI Circuits
430	2007 IEEE Symposium on VLSI Technology
431	2007 IEEE Ultrasonics Symposium Proceedings
432	2007 IEEE Virtual Reality Conference
433	2007 IEEE/ACM International Conference on Computer-Aided Design

434	2007 IEEE/AIAA 26th Digital Avionics Systems Conference
435	2007 IEEE/IAS Industrial & Commercial Power Systems Technical Conference
436	2007 IEEE/MTT-S International Microwave Symposium
437	2007 IEEE/RSJ International Conference on Intelligent Robots and Systems
438	2007 IEEE/SEMI Advanced Semiconductor Manufacturing Conference
439	2007 International Conference on Machine Learning and Cybernetics
440	2007 International Joint Conference on Neural Networks
441	2007 International Symposium on Semiconductor Manufacturing
442	2007 Proceedings 57th Electronic Components and Technology Conference
443	2007 Quantum Electronics and Laser Science Conference
444	2007 Sixteenth IEEE International Symposium on the Applications of Ferroelectrics
445	2007 Thirty-Ninth Southeastern Symposium on System Theory
446	2007 Winter Simulation Conference
447	2008 11th Intersociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems
448	2008 12th IEEE/ACM International Symposium on Distributed Simulation and Real-Time Applications
449	2008 13th International Symposium on Electrets
450	2008 15th IEEE International Conference on Image Processing
451	2008 17th Biennial University/Government/Industry Micro/Nano Symposium
452	2008 17th IEEE International Symposium on the Applications of Ferroelectrics
453	2008 20th IEEE International Conference on Tools with Artificial Intelligence
454	2008 20th International Conference on Indium Phosphide and Related Materials
455	2008 20th International Symposium on Power Semiconductor Devices and IC's
456	2008 21st IEEE International Symposium on Computer-Based Medical Systems
457	2008 23rd Annual IEEE Conference on Computational Complexity
458	2008 23rd Annual IEEE Symposium on Logic in Computer Science
459	2008 23rd International Symposium on Discharges and Electrical Insulation in Vacuum
460	2008 30th Annual International Conference of the IEEE Engineering in Medicine and Biology Society
461	2008 32nd Annual IEEE International Computer Software and Applications Conference
462	2008 33rd IEEE Photovoltaic Specialists Conference
463	2008 33rd IEEE/CPMT International Electronics Manufacturing Technology Conference (IEMT)
464	2008 34th Annual Conference of IEEE Industrial Electronics
465	2008 38th Annual Frontiers in Education Conference
466	2008 40th Southeastern Symposium on System Theory (SSST)
467	2008 42nd Annual IEEE International Carnahan Conference on Security Technology
468	2008 42nd Asilomar Conference on Signals, Systems and Computers
469	2008 45th ACM/IEEE Design Automation Conference
470	2008 47th IEEE Conference on Decision and Control
471	2008 49th Annual IEEE Symposium on Foundations of Computer Science
472	2008 51st Midwest Symposium on Circuits and Systems
473	2008 55th IEEE Petroleum and Chemical Industry Technical Conference

474	2008 58th Electronic Components and Technology Conference
475	2008 71st ARFTG Microwave Measurement Conference
476	2008 8th IEEE Conference on Nanotechnology
477	2008 ACM/IEEE 30th International Conference on Software Engineering
478	2008 American Control Conference
479	2008 Annual Reliability and Maintainability Symposium
480	2008 Annual Report Conference on Electrical Insulation and Dielectric Phenomena
481	2008 Canadian Conference on Electrical and Computer Engineering
482	2008 Computers in Cardiology
483	2008 Conference on Lasers and Electro-Optics and 2008 Conference on Quantum Electronics and Laser Science
484	2008 Conference on Precision Electromagnetic Measurements Digest
485	2008 Digest of Technical Papers - International Conference on Consumer Electronics
486	2008 First International Conference on Infrastructure Systems and Services: Building Networks for a Brighter Future (INFRA)
487	2008 IEEE 21st International Conference on Micro Electro Mechanical Systems
488	2008 IEEE 21st International Semiconductor Laser Conference
489	2008 IEEE 24th International Conference on Data Engineering
490	2008 IEEE 35th International Conference on Plasma Science
491	2008 IEEE 68th Vehicular Technology Conference
492	2008 IEEE Aerospace Conference
493	2008 IEEE Antennas and Propagation Society International Symposium
494	2008 IEEE AUTOTESTCON
495	2008 IEEE Bipolar/BiCMOS Circuits and Technology Meeting
496	2008 IEEE Cement Industry Technical Conference Record
497	2008 IEEE Compound Semiconductor Integrated Circuits Symposium
498	2008 IEEE Conference on Computer Vision and Pattern Recognition
499	2008 IEEE Custom Integrated Circuits Conference
500	2008 IEEE Industry Applications Society Annual Meeting
501	2008 IEEE Instrumentation and Measurement Technology Conference
502	2008 IEEE International Conference on Acoustics, Speech and Signal Processing
503	2008 IEEE International Conference on Communications
504	2008 IEEE International Conference on Computer Design
505	2008 IEEE International Conference on Control Applications
506	2008 IEEE International Conference on Dependable Systems and Networks With FTCS and DCC (DSN)
507	2008 IEEE International Conference on Dielectric Liquids
508	2008 IEEE International Conference on Fuzzy Systems (IEEE World Congress on Computational Intelligence)
509	2008 IEEE International Conference on Microelectronic Test Structures
510	2008 IEEE International Conference on Robotics and Automation
511	2008 IEEE International Conference on Software Maintenance
512	2008 IEEE International Conference on Systems, Man and Cybernetics

513	2008 IEEE International Electron Devices Meeting
514	2008 IEEE International Engineering Management Conference
515	2008 IEEE International Frequency Control Symposium
516	2008 IEEE International Joint Conference on Neural Networks (IEEE World Congress on Computational Intelligence)
517	2008 IEEE International Performance, Computing and Communications Conference
518	2008 IEEE International Power Modulators and High-Voltage Conference
519	2008 IEEE International Professional Communication Conference
520	2008 IEEE International Reliability Physics Symposium
521	2008 IEEE International SOI Conference
522	2008 IEEE International Solid-State Circuits Conference - Digest of Technical Papers
523	2008 IEEE International Symposium on Circuits and Systems (ISCAS)
524	2008 IEEE International Symposium on Electromagnetic Compatibility
525	2008 IEEE International Symposium on Electronics and the Environment
526	2008 IEEE International Symposium on Information Theory
527	2008 IEEE International Symposium on Intelligent Control
528	2008 IEEE International Symposium on Technology and Society
529	2008 IEEE International Technology Management Conference (ICE)
530	2008 IEEE International Test Conference
531	2008 IEEE MTT-S International Microwave Symposium Digest
532	2008 IEEE National Aerospace and Electronics Conference
533	2008 IEEE Nuclear Science Symposium Conference Record
534	2008 IEEE Power and Energy Society General Meeting - Conversion and Delivery of Electrical Energy in the 21st Century
535	2008 IEEE Power Electronics Specialists Conference
536	2008 IEEE Radar Conference
537	2008 IEEE Radio Frequency Integrated Circuits Symposium
538	2008 IEEE Rural Electric Power Conference
539	2008 IEEE Silicon Nanoelectronics Workshop
540	2008 IEEE Symposium on Security and Privacy (sp 2008)
541	2008 IEEE Symposium on VLSI Circuits
542	2008 IEEE Ultrasonics Symposium
543	2008 IEEE Virtual Reality Conference
544	2008 IEEE/ACM International Conference on Computer-Aided Design
545	2008 IEEE/AIAA 27th Digital Avionics Systems Conference
546	2008 IEEE/IAS Industrial and Commercial Power Systems Technical Conference
547	2008 IEEE/ION Position, Location and Navigation Symposium
548	2008 IEEE/OES 9th Working Conference on Current Measurement Technology
549	2008 IEEE/OES Autonomous Underwater Vehicles
550	2008 IEEE/PES Transmission and Distribution Conference and Exposition
551	2008 IEEE/RSJ International Conference on Intelligent Robots and Systems
552	2008 IEEE/SEMI Advanced Semiconductor Manufacturing Conference

553	2008 International Conference on "Modern Problems of Radio Engineering, Telecommunications and Computer Science" (TCSET)
554	2008 International Conference on Wavelet Analysis and Pattern Recognition
555	2008 International Symposium on Computer Architecture
556	2008 International Symposium on Semiconductor Manufacturing (ISSM)
557	2008 International Workshop on Innovative Architecture for Future Generation High-Performance Processors and Systems
558	2008 Proceedings of the 54th IEEE Holm Conference on Electrical Contacts
559	2008 Real-Time Systems Symposium
560	2008 Symposium on Reliable Distributed Systems
561	2008 Symposium on VLSI Technology
562	2008 The 28th International Conference on Distributed Computing Systems
563	2008 Twenty-fourth Annual IEEE Semiconductor Thermal Measurement and Management Symposium
564	2008 Twenty-Third Annual IEEE Applied Power Electronics Conference and Exposition
565	2008 Winter Simulation Conference
566	2009 10th Annual Non-Volatile Memory Technology Symposium (NVMTS)
567	2009 10th International Symposium on Pervasive Systems, Algorithms, and Networks
568	2009 10th International Workshop on Microprocessor Test and Verification
569	2009 11th Electronics Packaging Technology Conference
570	2009 11th IEEE International Symposium on Web Systems Evolution
571	2009 11th International Conference on e-Health Networking, Applications and Services (Healthcom)
572	2009 11th International Symposium on Symbolic and Numeric Algorithms for Scientific Computing
573	2009 12th International Conference on Computers and Information Technology
574	2009 13th IEEE/ACM International Symposium on Distributed Simulation and Real Time Applications
575	2009 14th OptoElectronics and Communications Conference
576	2009 15th International Conference on Parallel and Distributed Systems
577	2009 15th International Symposium for Design and Technology of Electronics Packages (SIITME)
578	2009 16th IEEE International Conference on Electronics, Circuits and Systems - (ICECS 2009)
579	2009 16th IEEE International Conference on Image Processing (ICIP)
580	2009 18th IEEE International Symposium on the Applications of Ferroelectrics
581	2009 19th IEEE Symposium on Computer Arithmetic
582	2009 1st International Conference on Advancements in Nuclear Instrumentation, Measurement Methods and their Applications
583	2009 1st International Conference on the Developments in Renewable Energy Technology (ICDRET)
584	2009 20th IEEE International Conference on Application-specific Systems, Architectures and Processors
585	2009 21st IEEE International Conference on Tools with Artificial Intelligence
586	2009 21st International Symposium on Power Semiconductor Devices & IC's
587	2009 22nd IEEE International Symposium on Computer-Based Medical Systems

588	2009 23rd IEEE/NPSS Symposium on Fusion Engineering
589	2009 24th Annual IEEE Conference on Computational Complexity
590	2009 24th Annual IEEE Symposium on Logic In Computer Science
591	2009 25th Annual IEEE Semiconductor Thermal Measurement and Management Symposium
592	2009 28th IEEE International Symposium on Reliable Distributed Systems
593	2009 29th IEEE International Conference on Distributed Computing Systems
594	2009 2nd IFIP Wireless Days (WD)
595	2009 2nd International Conference on Adaptive Science & Technology (ICAST)
596	2009 2nd International Conference on Computer Science and its Applications
597	2009 2nd International Conference on Power Electronics and Intelligent Transportation System (PEITS)
598	2009 30th IEEE Real-Time Systems Symposium
599	2009 30th IEEE Symposium on Security and Privacy
600	2009 33rd Annual IEEE International Computer Software and Applications Conference
601	2009 33rd Annual IEEE Software Engineering Workshop
602	2009 34th IEEE Photovoltaic Specialists Conference (PVSC)
603	2009 35th Annual Conference of IEEE Industrial Electronics
604	2009 36th Annual Computers in Cardiology Conference (CinC)
605	2009 38th Annual Symposium of the Ultrasonic Industry Association (UIA)
606	2009 39th IEEE Frontiers in Education Conference
607	2009 39th International Symposium on Multiple-Valued Logic
608	2009 3rd IEEE International Conference on E-Learning in Industrial Electronics (ICELIE)
609	2009 3rd IEEE International Workshop on Computational Advances in Multi-Sensor Adaptive Processing (CAMSAP)
610	2009 3rd International Conference on Energy and Environment (ICEE)
611	2009 3rd International Conference on New Technologies, Mobility and Security
612	2009 3rd International Conference on Signals, Circuits and Systems (SCS)
613	2009 3rd Southern Conference on Computational Modeling
614	2009 41st Southeastern Symposium on System Theory
615	2009 44th International Universities Power Engineering Conference (UPEC)
616	2009 46th ACM/IEEE Design Automation Conference
617	2009 47th Annual Allerton Conference on Communication, Control, and Computing (Allerton)
618	2009 4th International Conference on Computers and Devices for Communication (CODEC)
619	2009 4th International Conference on Malicious and Unwanted Software (MALWARE)
620	2009 4th International Design and Test Workshop (IDT)
621	2009 50th Annual IEEE Symposium on Foundations of Computer Science
622	2009 52nd IEEE International Midwest Symposium on Circuits and Systems
623	2009 59th Electronic Components and Technology Conference
624	2009 5th Central and Eastern European Software Engineering Conference in Russia (CEE-SECR)
625	2009 5th IEEE International Conference on E-Science Workshops
626	2009 6th International Symposium on High Capacity Optical Networks and Enabling Technologies (HONET)
627	2009 6th Latin American Robotics Symposium (LARS 2009)

628	2009 74th ARFTG Microwave Measurement Conference
629	2009 7th International Conference on ICT and Knowledge Engineering
630	2009 7th International Conference on Information, Communications and Signal Processing (ICICS)
631	2009 8th Annual Workshop on Network and Systems Support for Games (NetGames)
632	2009 9th IEEE Conference on Nanotechnology (IEEE-NANO)
633	2009 9th International Conference on Intelligent Transport Systems Telecommunications, (ITST)
634	2009 American Control Conference
635	2009 Annual Computer Security Applications Conference
636	2009 Annual IEEE Compound Semiconductor Integrated Circuit Symposium
637	2009 Annual IEEE India Conference
638	2009 Annual International Conference of the IEEE Engineering in Medicine and Biology Society
639	2009 Annual Reliability and Maintainability Symposium
640	2009 Applied Electromagnetics Conference (AEMC)
641	2009 Asia Communications and Photonics conference and Exhibition (ACP)
642	2009 Asia Pacific Conference on Postgraduate Research in Microelectronics & Electronics (PrimeAsia)
643	2009 Asia-Pacific Conference on Computational Intelligence and Industrial Applications (PACIIA)
644	2009 Australasian Telecommunication Networks and Applications Conference (ATNAC)
645	2009 Canadian Conference on Electrical and Computer Engineering
646	2009 Collaboration and Intercultural Issues on Requirements: Communication, Understanding and Softskills
647	2009 Conference for Visual Media Production
648	2009 Conference on Lasers and Electro-Optics and 2009 Conference on Quantum electronics and Laser Science Conference
649	2009 Conference on Optical Fiber Communication
650	2009 Conference Record of the Forty-Third Asilomar Conference on Signals, Systems and Computers
651	2009 Digest of Technical Papers International Conference on Consumer Electronics
652	2009 Digital Image Computing: Techniques and Applications
653	2009 Eighth IEEE International Conference on Dependable, Autonomic and Secure Computing
654	2009 European Conference on Computer Network Defense
655	2009 Fifth IEEE International Conference on e-Science
656	2009 Fifth International Conference on Image and Graphics
657	2009 Fifth International Conference on MEMS NANO, and Smart Systems
658	2009 Fifth International Conference on Mobile Ad-hoc and Sensor Networks
659	2009 Fifth International Conference on Signal Image Technology and Internet Based Systems
660	2009 Fifth International Conference on Wireless Communication and Sensor Networks (WCSN)
661	2009 First Conference on Millimeter-Wave and Terahertz Technologies (MMWaTT)
662	2009 First IEEE International Conference on Biometrics, Identity and Security (BIdS)
663	2009 First IEEE International Workshop on Information Forensics and Security (WIFS)
664	2009 First International Conference on Information Science and Engineering
665	2009 First International Conference on Networks & Communications
666	2009 First International Workshop on Requirements Engineering for e-Voting Systems

667	2009 Forum on Specification & Design Languages (FDL)
668	2009 Fourth International Conference on Embedded and Multimedia Computing
669	2009 Fourth International Conference on Frontier of Computer Science and Technology
670	2009 Fourth International Conference on Innovative Computing, Information and Control (ICICIC)
671	2009 Fourth International Conference on Internet Computing for Science and Engineering
672	2009 Fourth International Conference on Risks and Security of Internet and Systems (CRISIS 2009)
673	2009 Fourth International Workshop on Requirements Engineering Education and Training
674	2009 Fourth International Workshop on Requirements Engineering Visualization
675	2009 Fourth International Workshop on Semantic Media Adaptation and Personalization
676	2009 Fourth South-East European Workshop on Formal Methods
677	2009 IEEE 12th International Conference on Computer Vision
678	2009 IEEE 12th International Conference on Computer Vision Workshops, ICCV Workshops
679	2009 IEEE 20th International Symposium on Personal, Indoor and Mobile Radio Communications
680	2009 IEEE 22nd International Conference on Micro Electro Mechanical Systems
681	2009 IEEE 25th International Conference on Data Engineering
682	2009 IEEE 28th International Performance Computing and Communications Conference
683	2009 IEEE 31st International Conference on Software Engineering
684	2009 IEEE 35th Annual Northeast Bioengineering Conference
685	2009 IEEE 3rd International Conference on Nano/Molecular Medicine and Engineering
686	2009 IEEE 3rd International Symposium on Advanced Networks and Telecommunication Systems (ANTS)
687	2009 IEEE 70th Vehicular Technology Conference Fall
688	2009 IEEE 9th International Conference on the Properties and Applications of Dielectric Materials
689	2009 IEEE 9th Malaysia International Conference on Communications (MICC)
690	2009 IEEE Antennas and Propagation Society International Symposium
691	2009 IEEE Applied Imagery Pattern Recognition Workshop (AIPR 2009)
692	2009 IEEE AUTOTESTCON
693	2009 IEEE Bipolar/BiCMOS Circuits and Technology Meeting
694	2009 IEEE Cement Industry Technical Conference Record
695	2009 IEEE Conference on Computer Vision and Pattern Recognition
696	2009 IEEE Conference on Electrical Insulation and Dielectric Phenomena
697	2009 IEEE Control Applications, (CCA) & Intelligent Control, (ISIC)
698	2009 IEEE Custom Integrated Circuits Conference
699	2009 IEEE Dallas Circuits and Systems Workshop (DCAS)
700	2009 IEEE Electrical Design of Advanced Packaging & Systems Symposium (EDAPS)
701	2009 IEEE Electrical Insulation Conference
702	2009 IEEE Electrical Power & Energy Conference (EPEC)
703	2009 IEEE Industry Applications Society Annual Meeting
704	2009 IEEE Instrumentation and Measurement Technology Conference
705	2009 IEEE International Conference on Acoustics, Speech and Signal Processing
706	2009 IEEE International Conference on Communications
707	2009 IEEE International Conference on Computational Cybernetics (ICCC)

708	2009 IEEE International Conference on Computational Photography (ICCP)
709	2009 IEEE International Conference on Computer Design
710	2009 IEEE International Conference on Fuzzy Systems
711	2009 IEEE International Conference on Grey Systems and Intelligent Services (GSIS 2009)
712	2009 IEEE International Conference on Indium Phosphide & Related Materials
713	2009 IEEE International Conference on Internet Multimedia Services Architecture and Applications (IMSAA)
714	2009 IEEE International Conference on Microelectronic Test Structures
715	2009 IEEE International Conference on Plasma Science - Abstracts
716	2009 IEEE International Conference on Robotics and Automation
717	2009 IEEE International Conference on Robotics and Biomimetics (ROBIO)
718	2009 IEEE International Conference on Service-Oriented Computing and Applications (SOCA)
719	2009 IEEE International Conference on Signal and Image Processing Applications
720	2009 IEEE International Conference on Software Maintenance
721	2009 IEEE International Conference on Systems, Man and Cybernetics
722	2009 IEEE International Conference on Vehicular Electronics and Safety (ICVES)
723	2009 IEEE International Electron Devices Meeting (IEDM)
724	2009 IEEE International Frequency Control Symposium Joint with the 22nd European Frequency and Time forum
725	2009 IEEE International Geoscience and Remote Sensing Symposium
726	2009 IEEE International Professional Communication Conference
727	2009 IEEE International Reliability Physics Symposium
728	2009 IEEE International SOC Conference (SOCC)
729	2009 IEEE International SOI Conference
730	2009 IEEE International Solid-State Circuits Conference - Digest of Technical Papers
731	2009 IEEE International Symposium on Circuits and Systems (ISCAS)
732	2009 IEEE International Symposium on Computational Intelligence in Robotics and Automation - (CIRA)
733	2009 IEEE International Symposium on Electromagnetic Compatibility
734	2009 IEEE International Symposium on Information Theory
735	2009 IEEE International Symposium on Radio-Frequency Integration Technology (RFIT)
736	2009 IEEE International Symposium on Signal Processing and Information Technology (ISSPIT)
737	2009 IEEE International Symposium on Sustainable Systems and Technology
738	2009 IEEE International Symposium on Technology and Society
739	2009 IEEE International Technology Management Conference (ICE)
740	2009 IEEE International Ultrasonics Symposium
741	2009 IEEE International Workshop on Open-source Software for Scientific Computation (OSSC)
742	2009 IEEE International Workshop on Safety, Security & Rescue Robotics (SSRR 2009)
743	2009 IEEE LEOS Annual Meeting Conference Proceedings
744	2009 IEEE MTT-S International Microwave Symposium Digest
745	2009 IEEE Nuclear Science Symposium Conference Record (NSS/MIC)
746	2009 IEEE Pacific Rim Conference on Communications, Computers and Signal Processing
747	2009 IEEE PES/IAS Conference on Sustainable Alternative Energy (SAE)

748	2009 IEEE Power & Energy Society General Meeting
749	2009 IEEE Pulsed Power Conference
750	2009 IEEE Radar Conference
751	2009 IEEE Radio Frequency Integrated Circuits Symposium
752	2009 IEEE Rural Electric Power Conference
753	2009 IEEE Student Conference on Research and Development (SCORED)
754	2009 IEEE Toronto International Conference Science and Technology for Humanity (TIC-STH)
755	2009 IEEE Vehicular Networking Conference (VNC)
756	2009 IEEE Virtual Reality Conference
757	2009 IEEE Workshop on Advanced Robotics and its Social Impacts
758	2009 IEEE/ACM International Conference on Automated Software Engineering
759	2009 IEEE/ACM International Conference on Computer-Aided Design - Digest of Technical Papers
760	2009 IEEE/AIAA 28th Digital Avionics Systems Conference
761	2009 IEEE/IFIP International Conference on Dependable Systems & Networks
762	2009 IEEE/RSJ International Conference on Intelligent Robots and Systems
763	2009 IEEE/SEMI Advanced Semiconductor Manufacturing Conference
764	2009 III Conference of University of Guanajuato IEEE Students Chapter (IEEEExPO)
765	2009 International Asia Symposium on Intelligent Interaction and Affective Computing
766	2009 International Conference for Internet Technology and Secured Transactions, (ICITST)
767	2009 International Conference for Technical Postgraduates (TEHPOS)
768	2009 International Conference of the Chilean Computer Science Society
769	2009 International Conference on Artificial Intelligence and Computational Intelligence
770	2009 International Conference on Asian Language Processing
771	2009 International Conference on Computational Intelligence and Security
772	2009 International Conference on Computer and Communications Security
773	2009 International Conference on Electric Power and Energy Conversion Systems, (EPECS)
774	2009 International Conference on Emerging Trends in Electronic and Photonic Devices & Systems
775	2009 International Conference on Engineering Education (ICEED)
776	2009 International Conference on Future BioMedical Information Engineering (FBIE)
777	2009 International Conference on High Performance Computing (HiPC)
778	2009 International Conference on Industrial and Information Systems (ICIIS)
779	2009 International Conference on Information and Communication Technologies and Development (ICTD)
780	2009 International Conference on Information and Multimedia Technology
781	2009 International Conference on Innovation Management
782	2009 International Conference on Innovations in Information Technology (IIT)
783	2009 International Conference on Intelligent Sensors, Sensor Networks and Information Processing (ISSNIP)
784	2009 International Conference on Machine Learning and Applications
785	2009 International Conference on Microelectronics - ICM
786	2009 International Conference on Power Systems
787	2009 International Conference on Reconfigurable Computing and FPGAs
788	2009 International Conference on Research Challenges in Computer Science

789	2009 International Conference on Test and Measurement
790	2009 International Conference on the Current Trends in Information Technology (CTIT)
791	2009 International Conference on Wavelet Analysis and Pattern Recognition
792	2009 International Conference on Wireless Networks and Information Systems
793	2009 International Forum on Computer Science-Technology and Applications
794	2009 International Joint Conference on Neural Networks
795	2009 International Radar Conference "Surveillance for a Safer World" (RADAR 2009)
796	2009 International SoC Design Conference (ISOCC)
797	2009 International Students and Young Scientists Workshop "Photonics and Microsystems"
798	2009 International Symposium on Ocean Electronics (SYMPOL 2009)
799	2009 International Test Conference
800	2009 ITI 7th International Conference on Communications and Information Technology (ICICT)
801	2009 Joint Conferences on Pervasive Computing (JCPC)
802	2009 Mediterranean Microwave Symposium (MMS)
803	2009 Mexican International Conference on Computer Science
804	2009 Ninth International Conference on Quality Software
805	2009 Pacific-Asia Conference on Knowledge Engineering and Software Engineering
806	2009 Proceeding of International Conference on Methods and Models in Computer Science (ICM2CS)
807	2009 Proceedings of the 1st International Workshop on Security and Communication Networks
808	2009 Proceedings of the 55th IEEE Holm Conference on Electrical Contacts
809	2009 Record of Conference Papers - Industry Applications Society 56th Annual Petroleum and Chemical Industry Conference
810	2009 SBMO/IEEE MTT-S International Microwave and Optoelectronics Conference (IMOC)
811	2009 Second International Conference on Developments in eSystems Engineering
812	2009 Second International Conference on Education Technology and Training
813	2009 Second International Conference on Emerging Trends in Engineering & Technology
814	2009 Second International Conference on Environmental and Computer Science
815	2009 Second International Conference on Future Information Technology and Management Engineering
816	2009 Second International Conference on Infrastructure Systems and Services: Developing 21st Century Infrastructure Networks (INFRA)
817	2009 Second International Conference on Machine Vision
818	2009 Second International Symposium on Information Science and Engineering
819	2009 Second International Workshop on Computer Science and Engineering
820	2009 Second International Workshop on Managing Requirements Knowledge
821	2009 Second International Workshop on Requirements Engineering and Law
822	2009 Seventh ACIS International Conference on Software Engineering Research, Management and Applications
823	2009 Seventh Brazilian Symposium in Information and Human Language Technology
824	2009 Simposio Brasileiro de Sistemas Colaborativos
825	2009 Sixth International Conference on Networked Sensing Systems (INSS)
826	2009 Symposium on Bio-inspired Learning and Intelligent Systems for Security
827	2009 Symposium on Piezoelectricity, Acoustic Waves, and Device Applications (SPAWDA 2009)

828	2009 Symposium on VLSI Circuits
829	2009 Symposium on VLSI Technology
830	2009 Testing: Academic and Industrial Conference - Practice and Research Techniques
831	2009 Third International Conference on Genetic and Evolutionary Computing
832	2009 Third International Symposium on Intelligent Information Technology Application Workshops
833	2009 Third International Symposium on Plant Growth Modeling, Simulation, Visualization and Applications
834	2009 Third International Workshop on Software Product Management
835	2009 Transmission & Distribution Conference & Exposition: Asia and Pacific
836	2009 Tutorials of the XXII Brazilian Symposium on Computer Graphics and Image Processing
837	2009 Twelfth IEEE International Workshop on Performance Evaluation of Tracking and Surveillance
838	2009 Twenty-Fourth Annual IEEE Applied Power Electronics Conference and Exposition
839	2009 VIII Brazilian Symposium on Games and Digital Entertainment
840	2009 Workshop on Applications of Computer Vision (WACV)
841	2009 Workshop on Fault Diagnosis and Tolerance in Cryptography (FDTC)
842	2009 Workshop on Motion and Video Computing (WMVC)
843	2009 World Congress on Nature & Biologically Inspired Computing (NaBIC)
844	2009 XXII Brazilian Symposium on Computer Graphics and Image Processing
845	2010 - MILCOM 2010 MILITARY COMMUNICATIONS CONFERENCE
846	2010 10th IEEE International Conference on Solid Dielectrics
847	2010 12th IEEE Intersociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems
848	2010 18th Biennial University/Government/Industry Micro/Nano Symposium
849	2010 22nd IEEE International Conference on Tools with Artificial Intelligence
850	2010 22nd International Conference on Indium Phosphide and Related Materials (IPRM)
851	2010 22nd International Symposium on Power Semiconductor Devices & IC's (ISPSD)
852	2010 23rd Annual Meeting of the IEEE Photonics Society
853	2010 25th Annual IEEE Symposium on Logic in Computer Science
854	2010 26th Annual IEEE Semiconductor Thermal Measurement and Management Symposium (SEMI-THERM)
855	2010 29th IEEE Symposium on Reliable Distributed Systems
856	2010 31st IEEE Real-Time Systems Symposium
857	2010 34th IEEE/CPMT International Electronic Manufacturing Technology Symposium (IEMT)
858	2010 35th IEEE Photovoltaic Specialists Conference
859	2010 40th IEEE International Symposium on Multiple-Valued Logic
860	2010 42nd Southeastern Symposium on System Theory (SSST)
861	2010 53rd IEEE International Midwest Symposium on Circuits and Systems
862	2010 Abstracts IEEE International Conference on Plasma Science
863	2010 ACM/IEEE 32nd International Conference on Software Engineering
864	2010 Annual International Conference of the IEEE Engineering in Medicine and Biology
865	2010 Annual Report Conference on Electrical Insulation and Dielectric Phenomena
866	2010 Computing in Cardiology

867	2010 Conference on Optical Fiber Communication (OFC/NFOEC), collocated National Fiber Optic Engineers Conference
868	2010 Conference Record of the Forty Fourth Asilomar Conference on Signals, Systems and Computers
869	2010 Digest of Technical Papers International Conference on Consumer Electronics (ICCE)
870	2010 IEEE 18th International Conference on Program Comprehension
871	2010 IEEE 23rd International Conference on Micro Electro Mechanical Systems (MEMS)
872	2010 IEEE 23rd International Symposium on Computer-Based Medical Systems (CBMS)
873	2010 IEEE 25th Annual Conference on Computational Complexity
874	2010 IEEE 26th International Conference on Data Engineering (ICDE 2010)
875	2010 IEEE 26th Symposium on Mass Storage Systems and Technologies (MSST)
876	2010 IEEE 30th International Conference on Distributed Computing Systems
877	2010 IEEE 34th Annual Computer Software and Applications Conference
878	2010 IEEE 51st Annual Symposium on Foundations of Computer Science
879	2010 IEEE 71st Vehicular Technology Conference
880	2010 IEEE 72nd Vehicular Technology Conference - Fall
881	2010 IEEE Antennas and Propagation Society International Symposium
882	2010 IEEE AUTOTESTCON
883	2010 IEEE Bipolar/BiCMOS Circuits and Technology Meeting (BCTM)
884	2010 IEEE Compound Semiconductor Integrated Circuit Symposium (CSICS)
885	2010 IEEE Computer Society Conference on Computer Vision and Pattern Recognition
886	2010 IEEE Frontiers in Education Conference (FIE)
887	2010 IEEE Global Telecommunications Conference GLOBECOM 2010
888	2010 IEEE Industrial and Commercial Power Systems Technical Conference - Conference Record
889	2010 IEEE Industry Applications Society Annual Meeting
890	2010 IEEE Instrumentation & Measurement Technology Conference Proceedings
891	2010 IEEE International Conference on Acoustics, Speech and Signal Processing
892	2010 IEEE International Conference on Communications
893	2010 IEEE International Conference on Computer Design
894	2010 IEEE International Conference on Control Applications
895	2010 IEEE International Conference on Image Processing
896	2010 IEEE International Conference on RFID (IEEE RFID 2010)
897	2010 IEEE International Conference on Robotics and Automation
898	2010 IEEE International Conference on Software Maintenance
899	2010 IEEE International Conference on Systems, Man and Cybernetics
900	2010 IEEE International Frequency Control Symposium
901	2010 IEEE International Geoscience and Remote Sensing Symposium
902	2010 IEEE International Power Modulator and High Voltage Conference
903	2010 IEEE International Professional Communication Conference
904	2010 IEEE International Reliability Physics Symposium
905	2010 IEEE International SOI Conference (SOI)
906	2010 IEEE International Solid-State Circuits Conference - (ISSCC)
907	2010 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB)

908	2010 IEEE International Symposium on Circuits and Systems (ISCAS)
909	2010 IEEE International Symposium on Electrical Insulation
910	2010 IEEE International Symposium on Electromagnetic Compatibility
911	2010 IEEE International Symposium on Information Theory
912	2010 IEEE International Symposium on Intelligent Control
913	2010 IEEE International Symposium on Technology and Society
914	2010 IEEE International Symposium on the Applications of Ferroelectrics (ISAF)
915	2010 IEEE International Test Conference
916	2010 IEEE International Ultrasonics Symposium
917	2010 IEEE MTT-S International Microwave Symposium
918	2010 IEEE Network Operations and Management Symposium - NOMS 2010
919	2010 IEEE Radar Conference
920	2010 IEEE Radio Frequency Integrated Circuits Symposium
921	2010 IEEE Rural Electric Power Conference (REPC)
922	2010 IEEE Symposium on Security and Privacy
923	2010 IEEE Virtual Reality Conference (VR)
924	2010 IEEE-IAS/PCA 52nd Cement Industry Technical Conference
925	2010 IEEE/ACM International Conference on Computer-Aided Design (ICCAD)
926	2010 IEEE/IFIP International Conference on Dependable Systems & Networks (DSN)
927	2010 IEEE/OES Autonomous Underwater Vehicles
928	2010 IEEE/RSJ International Conference on Intelligent Robots and Systems
929	2010 IEEE/SEMI Advanced Semiconductor Manufacturing Conference (ASMC)
930	2010 International Conference on Microelectronic Test Structures (ICMETS)
931	2010 International Electron Devices Meeting
932	2010 International Symposium on Semiconductor Manufacturing (ISSM)
933	2010 Proceedings - Annual Reliability and Maintainability Symposium (RAMS)
934	2010 Proceedings 60th Electronic Components and Technology Conference (ECTC)
935	2010 Proceedings IEEE INFOCOM
936	2010 Proceedings of the 56th IEEE Holm Conference on Electrical Contacts
937	2010 Record of Conference Papers Industry Applications Society 57th Annual Petroleum and Chemical Industry Conference (PCIC)
938	2010 Symposium on VLSI Circuits
939	2010 Symposium on VLSI Technology
940	2010 Twenty-Fifth Annual IEEE Applied Power Electronics Conference and Exposition (APEC)
941	2011 - 14th International Symposium on Electrets
942	2011 - MILCOM 2011 Military Communications Conference
943	2011 14th International IEEE Conference on Intelligent Transportation Systems (ITSC)
944	2011 18th IEEE International Conference on Image Processing
945	2011 24th Canadian Conference on Electrical and Computer Engineering(CCECE)
946	2011 24th International Symposium on Computer-Based Medical Systems (CBMS)
947	2011 27th Annual IEEE Semiconductor Thermal Measurement and Management Symposium
948	2011 27th IEEE International Conference on Software Maintenance (ICSM)
949	2011 31st International Conference on Distributed Computing Systems

950	2011 33rd International Conference on Software Engineering (ICSE)
951	2011 37th IEEE Photovoltaic Specialists Conference
952	2011 38th Annual International Symposium on Computer Architecture (ISCA)
953	2011 41st IEEE International Symposium on Multiple-Valued Logic
954	2011 48th ACM/EDAC/IEEE Design Automation Conference (DAC)
955	2011 50th IEEE Conference on Decision and Control and European Control Conference
956	2011 Abstracts IEEE International Conference on Plasma Science
957	2011 Annual International Conference of the IEEE Engineering in Medicine and Biology Society
958	2011 Annual Report Conference on Electrical Insulation and Dielectric Phenomena
959	2011 Carnahan Conference on Security Technology
960	2011 Computing in Cardiology
961	2011 Conference Record of the Forty Fifth Asilomar Conference on Signals, Systems and Computers (ASILOMAR)
962	2011 e-Manufacturing & Design Collaboration Symposium & International Symposium on Semiconductor Manufacturing (eMDC & ISSM)
963	2011 Eighth International Conference on Fuzzy Systems and Knowledge Discovery (FSKD)
964	2011 Electrical Insulation Conference (EIC).
965	2011 Frontiers in Education Conference (FIE)
966	2011 IEEE 20th Symposium on Computer Arithmetic
967	2011 IEEE 23rd International Conference on Tools with Artificial Intelligence
968	2011 IEEE 23rd International Symposium on Power Semiconductor Devices and ICs
969	2011 IEEE 24th International Conference on Micro Electro Mechanical Systems
970	2011 IEEE 26th Annual Conference on Computational Complexity
971	2011 IEEE 26th Annual Symposium on Logic in Computer Science
972	2011 IEEE 27th International Conference on Data Engineering
973	2011 IEEE 27th Symposium on Mass Storage Systems and Technologies (MSST)
974	2011 IEEE 29th International Conference on Computer Design (ICCD)
975	2011 IEEE 30th International Symposium on Reliable Distributed Systems
976	2011 IEEE 32nd Real-Time Systems Symposium
977	2011 IEEE 33rd International Telecommunications Energy Conference (INTELEC)
978	2011 IEEE 35th Annual Computer Software and Applications Conference
979	2011 IEEE 37th Annual Northeast Bioengineering Conference (NEBEC)
980	2011 IEEE 43rd Southeastern Symposium on System Theory
981	2011 IEEE 52nd Annual Symposium on Foundations of Computer Science
982	2011 IEEE 54th International Midwest Symposium on Circuits and Systems (MWSCAS)
983	2011 IEEE 57th Holm Conference on Electrical Contacts (Holm)
984	2011 IEEE 61st Electronic Components and Technology Conference (ECTC)
985	2011 IEEE 73rd Vehicular Technology Conference (VTC Spring)
986	2011 IEEE AUTOTESTCON
987	2011 IEEE Bipolar/BiCMOS Circuits and Technology Meeting
988	2011 IEEE Compound Semiconductor Integrated Circuit Symposium (CSICS)
989	2011 IEEE Custom Integrated Circuits Conference (CICC)
990	2011 IEEE Global Telecommunications Conference - GLOBECOM 2011

991	2011 IEEE ICMTS International Conference on Microelectronic Test Structures
992	2011 IEEE Industrial and Commercial Power Systems Technical Conference
993	2011 IEEE Industry Applications Society Annual Meeting
994	2011 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)
995	2011 IEEE International Conference on Communications (ICC)
996	2011 IEEE International Conference on Consumer Electronics (ICCE)
997	2011 IEEE International Conference on Control Applications (CCA)
998	2011 IEEE International Conference on Dielectric Liquids
999	2011 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2011)
1000	2011 IEEE International Conference on RFID
1001	2011 IEEE International Conference on Robotics and Automation
1002	2011 IEEE International Conference on Systems, Man, and Cybernetics
1003	2011 IEEE International Geoscience and Remote Sensing Symposium
1004	2011 IEEE International Instrumentation and Measurement Technology Conference
1005	2011 IEEE International Professional Communication Conference
1006	2011 IEEE International Solid-State Circuits Conference
1007	2011 IEEE International Symposium of Circuits and Systems (ISCAS)
1008	2011 IEEE International Symposium on Antennas and Propagation (APSURSI)
1009	2011 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB)
1010	2011 IEEE International Symposium on Electromagnetic Compatibility
1011	2011 IEEE International Symposium on Information Theory Proceedings
1012	2011 IEEE International Symposium on Intelligent Control
1013	2011 IEEE International Symposium on Technology and Society (ISTAS)
1014	2011 IEEE International Test Conference
1015	2011 IEEE International Ultrasonics Symposium
1016	2011 IEEE MTT-S International Microwave Symposium
1017	2011 IEEE Nuclear Science Symposium Conference Record
1018	2011 IEEE PES 12th International Conference on Transmission and Distribution Construction, Operation and Live-Line Maintenance (ESMO)
1019	2011 IEEE Power and Energy Society General Meeting
1020	2011 IEEE RadarCon (RADAR)
1021	2011 IEEE Radio Frequency Integrated Circuits Symposium
1022	2011 IEEE Symposium on Product Compliance Engineering Proceedings
1023	2011 IEEE Symposium on Security and Privacy
1024	2011 IEEE Vehicular Technology Conference (VTC Fall)
1025	2011 IEEE Virtual Reality Conference
1026	2011 IEEE-IAS/PCA 53rd Cement Industry Technical Conference
1027	2011 IEEE/ACM International Conference on Computer-Aided Design (ICCAD)
1028	2011 IEEE/AIAA 30th Digital Avionics Systems Conference
1029	2011 IEEE/IFIP 41st International Conference on Dependable Systems & Networks (DSN)
1030	2011 IEEE/NPSS 24th Symposium on Fusion Engineering
1031	2011 IEEE/OES 10th Current, Waves and Turbulence Measurements (CWTM)
1032	2011 IEEE/RSJ International Conference on Intelligent Robots and Systems

1033	2011 IEEE/SEMI Advanced Semiconductor Manufacturing Conference
1034	2011 International Conference on Computer Vision
1035	2011 International Electron Devices Meeting
1036	2011 International Reliability Physics Symposium
1037	2011 International Symposium on Applications of Ferroelectrics (ISAF/PFM) and 2011 International Symposium on Piezoresponse Force Microscopy and Nanoscale Phenomena in Polar Materials
1038	2011 Joint Conference of the IEEE International Frequency Control and the European Frequency and Time Forum (FCS) Proceedings
1039	2011 Optical Fiber Communication Conference and Exposition and the National Fiber Optic Engineers Conference
1040	2011 Proceedings - Annual Reliability and Maintainability Symposium
1041	2011 Proceedings IEEE INFOCOM
1042	2011 Proceedings of IEEE Southeastcon
1043	2011 Proceedings of PICMET '11: Technology Management in the Energy Smart World (PICMET)
1044	2011 Record of Conference Papers Industry Applications Society 58th Annual IEEE Petroleum and Chemical Industry Conference (PCIC)
1045	2011 Rural Electric Power Conference
1046	2011 Symposium on VLSI Circuits - Digest of Technical Papers
1047	2011 Symposium on VLSI Technology - Digest of Technical Papers
1048	2011 Twenty-Sixth Annual IEEE Applied Power Electronics Conference and Exposition (APEC)
1049	2012 15th International IEEE Conference on Intelligent Transportation Systems
1050	2012 16th IEEE Mediterranean Electrotechnical Conference
1051	2012 19th Biennial University/Government/Industry, Micro/Nano Symposium (UGIM)
1052	2012 19th IEEE International Conference on Image Processing
1053	2012 24th International Symposium on Power Semiconductor Devices and ICs
1054	2012 25th IEEE Canadian Conference on Electrical and Computer Engineering (CCECE)
1055	2012 25th IEEE International Symposium on Computer-Based Medical Systems (CBMS)
1056	2012 25th International Symposium on Discharges and Electrical Insulation in Vacuum (ISDEIV)
1057	2012 27th Annual IEEE Symposium on Logic in Computer Science
1058	2012 28th Annual IEEE Semiconductor Thermal Measurement and Management Symposium (SEMI-THERM)
1059	2012 28th IEEE International Conference on Software Maintenance (ICSM)
1060	2012 34th International Conference on Software Engineering (ICSE)
1061	2012 35th IEEE/CPMT International Electronics Manufacturing Technology Conference (IEMT)
1062	2012 38th Annual Northeast Bioengineering Conference (NEBEC)
1063	2012 38th IEEE Photovoltaic Specialists Conference
1064	2012 39th Annual International Symposium on Computer Architecture (ISCA)
1065	2012 Abstracts IEEE International Conference on Plasma Science
1066	2012 American Control Conference (ACC)
1067	2012 Annual International Conference of the IEEE Engineering in Medicine and Biology Society
1068	2012 Annual Report Conference on Electrical Insulation and Dielectric Phenomena
1069	2012 Computing in Cardiology

1070	2012 Conference on Lasers and Electro-Optics (CLEO)
1071	2012 Conference on Precision electromagnetic Measurements
1072	2012 Conference Record of the Forty Sixth Asilomar Conference on Signals, Systems and Computers (ASILOMAR)
1073	2012 Frontiers in Education Conference Proceedings
1074	2012 IEEE 10th International Conference on the Properties and Applications of Dielectric Materials
1075	2012 IEEE 24th International Conference on Tools with Artificial Intelligence
1076	2012 IEEE 25th International Conference on Micro Electro Mechanical Systems (MEMS)
1077	2012 IEEE 27th Conference on Computational Complexity
1078	2012 IEEE 28th International Conference on Data Engineering
1079	2012 IEEE 28th Symposium on Mass Storage Systems and Technologies (MSST)
1080	2012 IEEE 30th International Conference on Computer Design (ICCD)
1081	2012 IEEE 31st International Performance Computing and Communications Conference (IPCCC)
1082	2012 IEEE 31st Symposium on Reliable Distributed Systems
1083	2012 IEEE 32nd International Conference on Distributed Computing Systems
1084	2012 IEEE 33rd Real-Time Systems Symposium
1085	2012 IEEE 36th Annual Computer Software and Applications Conference
1086	2012 IEEE 42nd International Symposium on Multiple-Valued Logic
1087	2012 IEEE 51st IEEE Conference on Decision and Control (CDC)
1088	2012 IEEE 53rd Annual Symposium on Foundations of Computer Science
1089	2012 IEEE 55th International Midwest Symposium on Circuits and Systems (MWSCAS)
1090	2012 IEEE 58th Holm Conference on Electrical Contacts (Holm)
1091	2012 IEEE 62nd Electronic Components and Technology Conference
1092	2012 IEEE 75th Vehicular Technology Conference (VTC Spring)
1093	2012 IEEE AUTOTESTCON Proceedings
1094	2012 IEEE Bipolar/BiCMOS Circuits and Technology Meeting (BCTM)
1095	2012 IEEE Compound Semiconductor Integrated Circuit Symposium (CSICS)
1096	2012 IEEE Conference on Computer Vision and Pattern Recognition
1097	2012 IEEE Global Communications Conference (GLOBECOM)
1098	2012 IEEE Industry Applications Society Annual Meeting
1099	2012 IEEE International Carnahan Conference on Security Technology (ICCST)
1100	2012 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)
1101	2012 IEEE International Conference on Communications (ICC)
1102	2012 IEEE International Conference on Consumer Electronics (ICCE)
1103	2012 IEEE International Conference on Control Applications
1104	2012 IEEE International Conference on Fuzzy Systems
1105	2012 IEEE International Conference on Microelectronic Test Structures
1106	2012 IEEE International Conference on RFID (RFID)
1107	2012 IEEE International Conference on Robotics and Automation
1108	2012 IEEE International Conference on Systems, Man, and Cybernetics (SMC)
1109	2012 IEEE International Frequency Control Symposium Proceedings
1110	2012 IEEE International Geoscience and Remote Sensing Symposium
1111	2012 IEEE International Instrumentation and Measurement Technology Conference Proceedings

1112	2012 IEEE International Power Modulator and High Voltage Conference (IPMHVC)
1113	2012 IEEE International Professional Communication Conference
1114	2012 IEEE International Reliability Physics Symposium (IRPS)
1115	2012 IEEE International SOI Conference (SOI)
1116	2012 IEEE International Solid-State Circuits Conference
1117	2012 IEEE International Symposium on Circuits and Systems (ISCAS)
1118	2012 IEEE International Symposium on Electrical Insulation
1119	2012 IEEE International Symposium on Electromagnetic Compatibility
1120	2012 IEEE International Symposium on Information Theory Proceedings
1121	2012 IEEE International Symposium on Intelligent Control
1122	2012 IEEE International Symposium on Sustainable Systems and Technology (ISSST)
1123	2012 IEEE International Test Conference
1124	2012 IEEE International Ultrasonics Symposium
1125	2012 IEEE National Aerospace and Electronics Conference (NAECON)
1126	2012 IEEE Network Operations and Management Symposium
1127	2012 IEEE Nuclear Science Symposium and Medical Imaging Conference Record (NSS/MIC)
1128	2012 IEEE Power and Energy Society General Meeting
1129	2012 IEEE Radar Conference
1130	2012 IEEE Radio Frequency Integrated Circuits Symposium
1131	2012 IEEE Symposium on Product Compliance Engineering Proceedings
1132	2012 IEEE Symposium on Security and Privacy
1133	2012 IEEE Vehicular Technology Conference (VTC Fall)
1134	2012 IEEE Virtual Reality Workshops (VRW)
1135	2012 IEEE-IAS/PCA 54th Cement Industry Technical Conference
1136	2012 IEEE/ACM International Conference on Computer-Aided Design (ICCAD)
1137	2012 IEEE/AIAA 31st Digital Avionics Systems Conference (DASC)
1138	2012 IEEE/MTT-S International Microwave Symposium Digest
1139	2012 IEEE/OES Autonomous Underwater Vehicles (AUV)
1140	2012 IEEE/RSJ International Conference on Intelligent Robots and Systems
1141	2012 International Conference on Indium Phosphide and Related Materials
1142	2012 International Electron Devices Meeting
1143	2012 Lester Eastman Conference on High Performance Devices (LEC)
1144	2012 Oceans
1145	2012 Petroleum and Chemical Industry Conference (PCIC)
1146	2012 Proceedings Annual Reliability and Maintainability Symposium
1147	2012 Proceedings IEEE INFOCOM
1148	2012 Proceedings of IEEE Southeastcon
1149	2012 Proceedings of PICMET '12: Technology Management for Emerging Technologies
1150	2012 Rural Electric Power Conference
1151	2012 SEMI Advanced Semiconductor Manufacturing Conference
1152	2012 Symposium on VLSI Circuits (VLSIC)
1153	2012 Symposium on VLSI Technology (VLSIT)
1154	2012 Twenty-Seventh Annual IEEE Applied Power Electronics Conference and Exposition (APEC)

1155	2013 25th International Symposium on Power Semiconductor Devices & IC's (ISPSD)
1156	2013 26th IEEE Canadian Conference on Electrical and Computer Engineering (CCECE)
1157	2013 28th Annual ACM/IEEE Symposium on Logic in Computer Science
1158	2013 35th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)
1159	2013 35th International Conference on Software Engineering (ICSE)
1160	2013 39th Annual Northeast Bioengineering Conference
1161	2013 43rd Annual IEEE/IFIP International Conference on Dependable Systems and Networks (DSN)
1162	2013 47th International Carnahan Conference on Security Technology (ICST)
1163	2013 50th ACM/EDAC/IEEE Design Automation Conference (DAC)
1164	2013 Abstracts IEEE International Conference on Plasma Science (ICOPS)
1165	2013 Africon
1166	2013 American Control Conference
1167	2013 Annual Report Conference on Electrical Insulation and Dielectric Phenomena
1168	2013 Asilomar Conference on Signals, Systems and Computers
1169	2013 IEEE 21st Symposium on Computer Arithmetic
1170	2013 IEEE 25th International Conference on Tools with Artificial Intelligence
1171	2013 IEEE 25th Symposium on Fusion Engineering (SOFE)
1172	2013 IEEE 26th International Conference on Micro Electro Mechanical Systems (MEMS)
1173	2013 IEEE 29th International Conference on Data Engineering (ICDE)
1174	2013 IEEE 29th Symposium on Mass Storage Systems and Technologies (MSST)
1175	2013 IEEE 31st International Conference on Computer Design (ICCD)
1176	2013 IEEE 32nd International Performance Computing and Communications Conference (IPCCC)
1177	2013 IEEE 32nd International Symposium on Reliable Distributed Systems
1178	2013 IEEE 33rd International Conference on Distributed Computing Systems
1179	2013 IEEE 34th Real-Time Systems Symposium
1180	2013 IEEE 37th Annual Computer Software and Applications Conference
1181	2013 IEEE 39th Photovoltaic Specialists Conference (PVSC)
1182	2013 IEEE 43rd International Symposium on Multiple-Valued Logic
1183	2013 IEEE 54th Annual Symposium on Foundations of Computer Science
1184	2013 IEEE 56th International Midwest Symposium on Circuits and Systems (MWSCAS)
1185	2013 IEEE 59th Holm Conference on Electrical Contacts (Holm 2013)
1186	2013 IEEE 63rd Electronic Components and Technology Conference
1187	2013 IEEE 77th Vehicular Technology Conference (VTC Spring)
1188	2013 IEEE 78th Vehicular Technology Conference (VTC Fall)
1189	2013 IEEE Antennas and Propagation Society International Symposium (APSURSI)
1190	2013 IEEE AUTOTESTCON
1191	2013 IEEE Bipolar/BiCMOS Circuits and Technology Meeting (BCTM)
1192	2013 IEEE Compound Semiconductor Integrated Circuit Symposium (CSICS)
1193	2013 IEEE Conference on Computational Complexity
1194	2013 IEEE Conference on Computer Vision and Pattern Recognition
1195	2013 IEEE Electrical Insulation Conference (EIC)
1196	2013 IEEE Frontiers in Education Conference (FIE)

1197	2013 IEEE Global Communications Conference (GLOBECOM)
1198	2013 IEEE Industry Applications Society Annual Meeting
1199	2013 IEEE International Conference of IEEE Region 10 (TENCON 2013)
1200	2013 IEEE International Conference on Acoustics, Speech and Signal Processing
1201	2013 IEEE International Conference on Communications (ICC)
1202	2013 IEEE International Conference on Computer Vision
1203	2013 IEEE International Conference on Consumer Electronics (ICCE)
1204	2013 IEEE International Conference on Control Applications (CCA)
1205	2013 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)
1206	2013 IEEE International Conference on Image Processing
1207	2013 IEEE International Conference on Microelectronic Test Structures (ICMTS)
1208	2013 IEEE International Conference on RFID (RFID)
1209	2013 IEEE International Conference on Robotics and Automation
1210	2013 IEEE International Conference on Software Maintenance
1211	2013 IEEE International Conference on Solid Dielectrics (ICSD)
1212	2013 IEEE International Conference on Systems, Man, and Cybernetics
1213	2013 IEEE International Electron Devices Meeting
1214	2013 IEEE International Geoscience and Remote Sensing Symposium - IGARSS
1215	2013 IEEE International Instrumentation and Measurement Technology Conference (I2MTC)
1216	2013 IEEE International Reliability Physics Symposium (IRPS)
1217	2013 IEEE International Solid-State Circuits Conference Digest of Technical Papers
1218	2013 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB)
1219	2013 IEEE International Symposium on Circuits and Systems (ISCAS)
1220	2013 IEEE International Symposium on Electromagnetic Compatibility
1221	2013 IEEE International Symposium on Information Theory
1222	2013 IEEE International Symposium on Intelligent Control (ISIC)
1223	2013 IEEE International Symposium on Technology and Society (ISTAS): Social Implications of Wearable Computing and Augmented Reality in Everyday Life
1224	2013 IEEE International Test Conference (ITC)
1225	2013 IEEE International Ultrasonics Symposium (IUS)
1226	2013 IEEE MTT-S International Microwave Symposium Digest (MTT)
1227	2013 IEEE Nuclear Science Symposium and Medical Imaging Conference (2013 NSS/MIC)
1228	2013 IEEE Pacific Rim Conference on Communications, Computers and Signal Processing (PACRIM)
1229	2013 IEEE Photonics Conference
1230	2013 IEEE Power & Energy Society General Meeting
1231	2013 IEEE Radar Conference (RadarCon13)
1232	2013 IEEE Radio Frequency Integrated Circuits Symposium (RFIC)
1233	2013 IEEE Rural Electric Power Conference (REPC)
1234	2013 IEEE SOI-3D-Subthreshold Microelectronics Technology Unified Conference (S3S)
1235	2013 IEEE Symposium on Product Compliance Engineering (ISPCE)
1236	2013 IEEE Symposium on Security and Privacy
1237	2013 IEEE Virtual Reality (VR)
1238	2013 IEEE-IAS/PCA Cement Industry Technical Conference

1239	2013 IEEE/ACM International Conference on Computer-Aided Design (ICCAD)
1240	2013 IEEE/AIAA 32nd Digital Avionics Systems Conference (DASC)
1241	2013 IEEE/RSJ International Conference on Intelligent Robots and Systems
1242	2013 International Conference on Engineering, Technology and Innovation (ICE) & IEEE International Technology Management Conference
1243	2013 International Conference on Indium Phosphide and Related Materials (IPRM)
1244	2013 Joint IEEE International Symposium on Applications of Ferroelectric and Workshop on Piezoresponse Force Microscopy (ISAF/PFM)
1245	2013 OCEANS - San Diego
1246	2013 Optical Fiber Communication Conference and Exposition and the National Fiber Optic Engineers Conference (OFC/NFOEC)
1247	2013 Proceedings Annual Reliability and Maintainability Symposium (RAMS)
1248	2013 Proceedings IEEE INFOCOM
1249	2013 Proceedings of IEEE Southeastcon
1250	2013 Proceedings of PICMET '13: Technology Management in the IT-Driven Services (PICMET)
1251	2013 Symposium on VLSI Circuits
1252	2013 Symposium on VLSI Technology
1253	2013 Twenty-Eighth Annual IEEE Applied Power Electronics Conference and Exposition (APEC)
1254	2013 Winter Simulations Conference (WSC)
1255	2014 30th Symposium on Mass Storage Systems and Technologies (MSST)
1256	2014 36th Annual International Conference of the IEEE Engineering in Medicine and Biology Society
1257	2014 40th Annual Northeast Bioengineering Conference (NEBEC)
1258	2014 44th Annual IEEE/IFIP International Conference on Dependable Systems and Networks
1259	2014 48th Asilomar Conference on Signals, Systems and Computers
1260	2014 51st ACM/EDAC/IEEE Design Automation Conference (DAC)
1261	2014 ACM/IEEE 41st International Symposium on Computer Architecture (ISCA)
1262	2014 American Control Conference
1263	2014 Conference on Lasers and Electro-Optics (CLEO) - Laser Science to Photonic Applications
1264	2014 IEEE 18th International Conference on Dielectric Liquids (ICDL)
1265	2014 IEEE 26th International Conference on Tools with Artificial Intelligence
1266	2014 IEEE 26th International Symposium on Power Semiconductor Devices & IC's (ISPSD)
1267	2014 IEEE 27th Canadian Conference on Electrical and Computer Engineering (CCECE)
1268	2014 IEEE 27th International Conference on Micro Electro Mechanical Systems (MEMS)
1269	2014 IEEE 27th International Symposium on Computer-Based Medical Systems
1270	2014 IEEE 29th Conference on Computational Complexity (CCC)
1271	2014 IEEE 30th International Conference on Data Engineering
1272	2014 IEEE 32nd International Conference on Computer Design (ICCD)
1273	2014 IEEE 33rd International Performance Computing and Communications Conference (IPCCC)
1274	2014 IEEE 33rd International Symposium on Reliable Distributed Systems
1275	2014 IEEE 34th International Conference on Distributed Computing Systems
1276	2014 IEEE 36th International Telecommunications Energy Conference (INTELEC)
1277	2014 IEEE 38th Annual Computer Software and Applications Conference

1278	2014 IEEE 40th Photovoltaic Specialist Conference (PVSC)
1279	2014 IEEE 41st International Conference on Plasma Sciences (ICOPS) held with 2014 IEEE International Conference on High-Power Particle Beams (BEAMS)
1280	2014 IEEE 44th International Symposium on Multiple-Valued Logic
1281	2014 IEEE 55th Annual Symposium on Foundations of Computer Science
1282	2014 IEEE 57th International Midwest Symposium on Circuits and Systems (MWSCAS)
1283	2014 IEEE 60th Holm Conference on Electrical Contacts (Holm)
1284	2014 IEEE 64th Electronic Components and Technology Conference (ECTC)
1285	2014 IEEE 79th Vehicular Technology Conference (VTC Spring)
1286	2014 IEEE 80th Vehicular Technology Conference (VTC2014-Fall)
1287	2014 IEEE Antennas and Propagation Society International Symposium (APSURSI)
1288	2014 IEEE Applied Power Electronics Conference and Exposition - APEC 2014
1289	2014 IEEE AUTOTEST
1290	2014 IEEE Bipolar/BiCMOS Circuits and Technology Meeting (BCTM)
1291	2014 IEEE Compound Semiconductor Integrated Circuit Symposium (CSICS)
1292	2014 IEEE Conference on Computer Vision and Pattern Recognition
1293	2014 IEEE Conference on Control Applications (CCA)
1294	2014 IEEE Conference on Electrical Insulation and Dielectric Phenomena (CEIDP)
1295	2014 IEEE Electrical Insulation Conference (EIC)
1296	2014 IEEE Frontiers in Education Conference (FIE) Proceedings
1297	2014 IEEE Geoscience and Remote Sensing Symposium
1298	2014 IEEE Global Communications Conference
1299	2014 IEEE Industry Application Society Annual Meeting
1300	2014 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)
1301	2014 IEEE International Conference on Communications (ICC)
1302	2014 IEEE International Conference on Consumer Electronics (ICCE)
1303	2014 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)
1304	2014 IEEE International Conference on Image Processing (ICIP)
1305	2014 IEEE International Conference on RFID (IEEE RFID)
1306	2014 IEEE International Conference on Robotics and Automation (ICRA)
1307	2014 IEEE International Conference on Software Maintenance and Evolution
1308	2014 IEEE International Conference on Systems, Man, and Cybernetics (SMC)
1309	2014 IEEE International Electron Devices Meeting
1310	2014 IEEE International Frequency Control Symposium (FCS)
1311	2014 IEEE International Instrumentation and Measurement Technology Conference (I2MTC) Proceedings
1312	2014 IEEE International Power Modulator and High Voltage Conference (IPMHVC)
1313	2014 IEEE International Professional Communication Conference (IPCC)
1314	2014 IEEE International Reliability Physics Symposium
1315	2014 IEEE International Solid-State Circuits Conference Digest of Technical Papers (ISSCC)
1316	2014 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting
1317	2014 IEEE International Symposium on Circuits and Systems (ISCAS)
1318	2014 IEEE International Symposium on Electromagnetic Compatibility (EMC)

1319	2014 IEEE International Symposium on Information Theory
1320	2014 IEEE International Symposium on Intelligent Control (ISIC)
1321	2014 IEEE International Technology Management Conference
1322	2014 IEEE International Ultrasonics Symposium
1323	2014 IEEE Military Communications Conference
1324	2014 IEEE MTT-S International Microwave Symposium (IMS2014)
1325	2014 IEEE Network Operations and Management Symposium (NOMS)
1326	2014 IEEE Nuclear Science Symposium and Medical Imaging Conference (NSS/MIC)
1327	2014 IEEE PES General Meeting Conference & Exposition
1328	2014 IEEE PES T&D Conference and Exposition
1329	2014 IEEE Petroleum and Chemical Industry Technical Conference (PCIC)
1330	2014 IEEE Photonics Conference
1331	2014 IEEE Radar Conference
1332	2014 IEEE Radio Frequency Integrated Circuits Symposium
1333	2014 IEEE Real-Time Systems Symposium
1334	2014 IEEE Rural Electric Power Conference (REPC)
1335	2014 IEEE Symposium on Product Compliance Engineering (ISPCE)
1336	2014 IEEE Symposium on Security and Privacy
1337	2014 IEEE Virtual Reality (VR)
1338	2014 IEEE-IAS/PCA Cement Industry Technical Conference
1339	2014 IEEE/ACM International Conference on Computer-Aided Design (ICCAD)
1340	2014 IEEE/AIAA 33rd Digital Avionics Systems Conference (DASC)
1341	2014 IEEE/IAS 50th Industrial & Commercial Power Systems Technical Conference
1342	2014 IEEE/ION Position, Location and Navigation Symposium - PLANS 2014
1343	2014 IEEE/OES Autonomous Underwater Vehicles (AUV)
1344	2014 IEEE/RSJ International Conference on Intelligent Robots and Systems
1345	2014 International Carnahan Conference on Security Technology (ICCST)
1346	2014 International Conference on Microelectronic Test Structures (ICMTS)
1347	2014 International Joint Conference on Neural Networks (IJCNN)
1348	2014 International Semiconductor Laser Conference
1349	2014 International Symposium on Discharges and Electrical Insulation in Vacuum (ISDEIV)
1350	2014 International Test Conference
1351	2014 Joint IEEE International Symposium on the Applications of Ferroelectric, International Workshop on Acoustic Transduction Materials and Devices & Workshop on Piezoresponse Force Microscopy
1352	2014 Lester Eastman Conference on High Performance Devices (LEC)
1353	2014 Oceans - St. John's
1354	2014 Reliability and Maintainability Symposium
1355	2014 Semiconductor Thermal Measurement and Management Symposium (SEMI-THERM)
1356	2014 SOI-3D-Subthreshold Microelectronics Technology Unified Conference (S3S)
1357	2014 Symposium on VLSI Circuits Digest of Technical Papers
1358	2014 Symposium on VLSI Technology (VLSI-Technology): Digest of Technical Papers
1359	2015 26th Annual SEMI Advanced Semiconductor Manufacturing Conference (ASMC)

1360	2015 28th IEEE International Conference on Micro Electro Mechanical Systems (MEMS)
1361	2015 30th Annual ACM/IEEE Symposium on Logic in Computer Science
1362	2015 31st Symposium on Mass Storage Systems and Technologies (MSST)
1363	2015 31st Thermal Measurement, Modeling & Management Symposium (SEMI-THERM)
1364	2015 33rd IEEE International Conference on Computer Design (ICCD)
1365	2015 37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)
1366	2015 41st Annual Northeast Biomedical Engineering Conference (NEBEC)
1367	2015 45th Annual IEEE/IFIP International Conference on Dependable Systems and Networks
1368	2015 49th Asilomar Conference on Signals, Systems and Computers
1369	2015 52nd ACM/EDAC/IEEE Design Automation Conference (DAC)
1370	2015 54th IEEE Conference on Decision and Control (CDC)
1371	2015 61st IEEE Pulp and Paper Industry Conference (PPIC)
1372	2015 ACM/IEEE 42nd Annual International Symposium on Computer Architecture (ISCA)
1373	2015 American Control Conference (ACC)
1374	2015 Annual Reliability and Maintainability Symposium (RAMS)
1375	2015 Computing in Cardiology Conference (CinC)
1376	2015 Conference on Lasers and Electro-Optics (CLEO)
1377	2015 IEEE 11th International Conference on the Properties and Applications of Dielectric Materials (ICPADM)
1378	2015 IEEE 18th International Conference on Intelligent Transportation Systems
1379	2015 IEEE 22nd Symposium on Computer Arithmetic
1380	2015 IEEE 26th Symposium on Fusion Engineering (SOFE)
1381	2015 IEEE 27th International Conference on Tools with Artificial Intelligence (ICTAI)
1382	2015 IEEE 27th International Symposium on Power Semiconductor Devices & IC's (ISPSD)
1383	2015 IEEE 28th Canadian Conference on Electrical and Computer Engineering (CCECE)
1384	2015 IEEE 28th International Symposium on Computer-Based Medical Systems
1385	2015 IEEE 31st International Conference on Data Engineering
1386	2015 IEEE 34th International Performance Computing and Communications Conference (IPCCC)
1387	2015 IEEE 34th Symposium on Reliable Distributed Systems (SRDS)
1388	2015 IEEE 35th International Conference on Distributed Computing Systems
1389	2015 IEEE 39th Annual Computer Software and Applications Conference
1390	2015 IEEE 42nd Photovoltaic Specialist Conference (PVSC)
1391	2015 IEEE 56th Annual Symposium on Foundations of Computer Science
1392	2015 IEEE 58th International Midwest Symposium on Circuits and Systems (MWSCAS)
1393	2015 IEEE 61st Holm Conference on Electrical Contacts (Holm)
1394	2015 IEEE 65th Electronic Components and Technology Conference (ECTC)
1395	2015 IEEE 81st Vehicular Technology Conference (VTC Spring)
1396	2015 IEEE 82nd Vehicular Technology Conference (VTC2015-Fall)
1397	2015 IEEE Applied Power Electronics Conference and Exposition (APEC)
1398	2015 IEEE AUTOTESTCON
1399	2015 IEEE Bipolar/BiCMOS Circuits and Technology Meeting - BCTM
1400	2015 IEEE Compound Semiconductor Integrated Circuit Symposium (CSICS)

1401	2015 IEEE Conference on Computer Communications (INFOCOM)
1402	2015 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)
1403	2015 IEEE Conference on Control Applications (CCA)
1404	2015 IEEE Conference on Electrical Insulation and Dielectric Phenomena (CEIDP)
1405	2015 IEEE Custom Integrated Circuits Conference (CICC)
1406	2015 IEEE Electrical Insulation Conference (EIC)
1407	2015 IEEE Frontiers in Education Conference (FIE)
1408	2015 IEEE Global Communications Conference (GLOBECOM)
1409	2015 IEEE Industry Applications Society Annual Meeting
1410	2015 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)
1411	2015 IEEE International Conference on Communications (ICC)
1412	2015 IEEE International Conference on Computer Vision (ICCV)
1413	2015 IEEE International Conference on Consumer Electronics (ICCE)
1414	2015 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)
1415	2015 IEEE International Conference on Image Processing (ICIP)
1416	2015 IEEE International Conference on Plasma Sciences (ICOPS)
1417	2015 IEEE International Conference on RFID (RFID)
1418	2015 IEEE International Conference on Robotics and Automation (ICRA)
1419	2015 IEEE International Conference on Software Maintenance and Evolution (ICSME)
1420	2015 IEEE International Conference on Systems, Man, and Cybernetics
1421	2015 IEEE International Electron Devices Meeting (IEDM)
1422	2015 IEEE International Geoscience and Remote Sensing Symposium (IGARSS)
1423	2015 IEEE International Instrumentation and Measurement Technology Conference (I2MTC) Proceedings
1424	2015 IEEE International Professional Communication Conference (IPCC)
1425	2015 IEEE International Reliability Physics Symposium
1426	2015 IEEE International Solid-State Circuits Conference - (ISSCC) Digest of Technical Papers
1427	2015 IEEE International Symposium on Antennas and Propagation & USNC/URSI National Radio Science Meeting
1428	2015 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting
1429	2015 IEEE International Symposium on Circuits and Systems (ISCAS)
1430	2015 IEEE International Symposium on Electromagnetic Compatibility (EMC)
1431	2015 IEEE International Symposium on Information Theory (ISIT)
1432	2015 IEEE International Symposium on Intelligent Control (ISIC)
1433	2015 IEEE International Symposium on Multiple-Valued Logic
1434	2015 IEEE International Symposium on Technology and Society (ISTAS)
1435	2015 IEEE International Telecommunications Energy Conference (INTELEC)
1436	2015 IEEE International Test Conference (ITC)
1437	2015 IEEE International Ultrasonics Symposium (IUS)
1438	2015 IEEE MTT-S International Microwave Symposium
1439	2015 IEEE Nuclear Science Symposium and Medical Imaging Conference (NSS/MIC)
1440	2015 IEEE Pacific Rim Conference on Communications, Computers and Signal Processing (PACRIM)
1441	2015 IEEE Petroleum and Chemical Industry Committee Conference (PCIC)

1442	2015 IEEE Photonics Conference (IPC)
1443	2015 IEEE Power & Energy Society General Meeting
1444	2015 IEEE Radar Conference (RadarCon)
1445	2015 IEEE Radio Frequency Integrated Circuits Symposium (RFIC)
1446	2015 IEEE Real-Time Systems Symposium
1447	2015 IEEE Rural Electric Power Conference
1448	2015 IEEE SENSORS
1449	2015 IEEE SOI-3D-Subthreshold Microelectronics Technology Unified Conference (S3S)
1450	2015 IEEE Symposium on Product Compliance Engineering (ISPCE)
1451	2015 IEEE Symposium on Security and Privacy
1452	2015 IEEE Virtual Reality (VR)
1453	2015 IEEE-IAS/PCA Cement Industry Conference (IAS/PCA CIC)
1454	2015 IEEE/ACM 19th International Symposium on Distributed Simulation and Real Time Applications (DS-RT)
1455	2015 IEEE/ACM 37th IEEE International Conference on Software Engineering
1456	2015 IEEE/ACM International Conference on Computer-Aided Design (ICCAD)
1457	2015 IEEE/AIAA 34th Digital Avionics Systems Conference (DASC)
1458	2015 IEEE/IAS 51st Industrial & Commercial Power Systems Technical Conference (I&CPS)
1459	2015 IEEE/OES Eleventh Current, Waves and Turbulence Measurement (CWTM)
1460	2015 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)
1461	2015 International Carnahan Conference on Security Technology (ICCST)
1462	2015 International Joint Conference on Neural Networks (IJCNN)
1463	2015 Joint Conference of the IEEE International Frequency Control Symposium & the European Frequency and Time Forum
1464	2015 Joint e-Manufacturing and Design Collaboration Symposium (eMDC) & 2015 International Symposium on Semiconductor Manufacturing (ISSM)
1465	2015 Joint IEEE International Symposium on the Applications of Ferroelectric (ISAF), International Symposium on Integrated Functionalities (ISIF), and Piezoelectric Force Microscopy Workshop (PFM)
1466	2015 National Aerospace and Electronics Conference (NAECON)
1467	2015 Optical Fiber Communications Conference and Exhibition (OFC)
1468	2015 Portland International Conference on Management of Engineering and Technology (PICMET)
1469	2015 Symposium on VLSI Circuits (VLSI Circuits)
1470	2015 Symposium on VLSI Technology (VLSI Technology)
1471	2015 Winter Simulation Conference (WSC)
1472	2016 15th IEEE Intersociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems (ITherm)
1473	2016 18th Mediterranean Electrotechnical Conference (MELECON)
1474	2016 27th Annual SEMI Advanced Semiconductor Manufacturing Conference (ASMC)
1475	2016 27th International Symposium on Discharges and Electrical Insulation in Vacuum (ISDEIV)
1476	2016 28th International Symposium on Power Semiconductor Devices and ICs (ISPSD)
1477	2016 31st Annual ACM/IEEE Symposium on Logic in Computer Science (LICS)
1478	2016 32nd Symposium on Mass Storage Systems and Technologies (MSST)

1479	2016 32nd Thermal Measurement, Modeling & Management Symposium (SEMI-THERM)
1480	2016 38th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)
1481	2016 46th Annual IEEE/IFIP International Conference on Dependable Systems and Networks (DSN)
1482	2016 50th Asilomar Conference on Signals, Systems and Computers
1483	2016 53rd ACM/EDAC/IEEE Design Automation Conference (DAC)
1484	2016 ACM/IEEE 43rd Annual International Symposium on Computer Architecture (ISCA)
1485	2016 American Control Conference (ACC)
1486	2016 Annual Reliability and Maintainability Symposium (RAMS)
1487	2016 Compound Semiconductor Week (CSW) [Includes 28th International Conference on Indium Phosphide & Related Materials (IPRM) & 43rd International Symposium on Compound Semiconductors (ISCS)]
1488	2016 Computing in Cardiology Conference (CinC)
1489	2016 Conference on Lasers and Electro-Optics (CLEO)
1490	2016 Conference on Precision Electromagnetic Measurements (CPEM 2016)
1491	2016 IEEE 19th International Conference on Intelligent Transportation Systems (ITSC)
1492	2016 IEEE 23rd Symposium on Computer Arithmetic (ARITH)
1493	2016 IEEE 28th International Conference on Tools with Artificial Intelligence (ICTAI)
1494	2016 IEEE 29th International Conference on Micro Electro Mechanical Systems (MEMS)
1495	2016 IEEE 29th International Symposium on Computer-Based Medical Systems (CBMS)
1496	2016 IEEE 32nd International Conference on Data Engineering (ICDE)
1497	2016 IEEE 34th International Conference on Computer Design (ICCD)
1498	2016 IEEE 35th International Performance Computing and Communications Conference (IPCCC)
1499	2016 IEEE 35th Symposium on Reliable Distributed Systems (SRDS)
1500	2016 IEEE 36th International Conference on Distributed Computing Systems (ICDCS)
1501	2016 IEEE 37th International Electronics Manufacturing Technology (IEMT) & 18th Electronics Materials and Packaging (EMAP) Conference
1502	2016 IEEE 40th Annual Computer Software and Applications Conference (COMPSAC)
1503	2016 IEEE 43rd Photovoltaic Specialists Conference (PVSC)
1504	2016 IEEE 46th International Symposium on Multiple-Valued Logic (ISMVL)
1505	2016 IEEE 55th Conference on Decision and Control (CDC)
1506	2016 IEEE 57th Annual Symposium on Foundations of Computer Science (FOCS)
1507	2016 IEEE 59th International Midwest Symposium on Circuits and Systems (MWSCAS)
1508	2016 IEEE 62nd Holm Conference on Electrical Contacts (Holm)
1509	2016 IEEE 66th Electronic Components and Technology Conference (ECTC)
1510	2016 IEEE 83rd Vehicular Technology Conference (VTC Spring)
1511	2016 IEEE 84th Vehicular Technology Conference (VTC-Fall)
1512	2016 IEEE Applied Power Electronics Conference and Exposition (APEC)
1513	2016 IEEE AUTOTESTCON
1514	2016 IEEE Bipolar/BiCMOS Circuits and Technology Meeting (BCTM)
1515	2016 IEEE Canadian Conference on Electrical and Computer Engineering (CCECE)
1516	2016 IEEE Compound Semiconductor Integrated Circuit Symposium (CSICS)
1517	2016 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)

1518	2016 IEEE Conference on Control Applications (CCA)
1519	2016 IEEE Conference on Electrical Insulation and Dielectric Phenomena (CEIDP)
1520	2016 IEEE Conference on Recent Advances in Lightwave Technology (CRALT)
1521	2016 IEEE Electrical Insulation Conference (EIC)
1522	2016 IEEE Frontiers in Education Conference (FIE)
1523	2016 IEEE Global Communications Conference (GLOBECOM)
1524	2016 IEEE Industry Applications Society Annual Meeting
1525	2016 IEEE International Carnahan Conference on Security Technology (ICCST)
1526	2016 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)
1527	2016 IEEE International Conference on Communications (ICC)
1528	2016 IEEE International Conference on Consumer Electronics (ICCE)
1529	2016 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)
1530	2016 IEEE International Conference on Image Processing (ICIP)
1531	2016 IEEE International Conference on Plasma Science (ICOPS)
1532	2016 IEEE International Conference on RFID (RFID)
1533	2016 IEEE International Conference on Robotics and Automation (ICRA)
1534	2016 IEEE International Conference on Software Maintenance and Evolution (ICSME)
1535	2016 IEEE International Conference on Systems, Man, and Cybernetics (SMC)
1536	2016 IEEE International Electron Devices Meeting (IEDM)
1537	2016 IEEE International Frequency Control Symposium (IFCS)
1538	2016 IEEE International Geoscience and Remote Sensing Symposium (IGARSS)
1539	2016 IEEE International Instrumentation and Measurement Technology Conference Proceedings
1540	2016 IEEE International Power Modulator and High Voltage Conference (IPMHVC)
1541	2016 IEEE International Professional Communication Conference (IPCC)
1542	2016 IEEE International Reliability Physics Symposium (IRPS)
1543	2016 IEEE International Solid-State Circuits Conference (ISSCC)
1544	2016 IEEE International Symposium on Antennas and Propagation (APSURSI)
1545	2016 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB)
1546	2016 IEEE International Symposium on Circuits and Systems (ISCAS)
1547	2016 IEEE International Symposium on Electromagnetic Compatibility (EMC)
1548	2016 IEEE International Symposium on Information Theory (ISIT)
1549	2016 IEEE International Symposium on Intelligent Control (ISIC)
1550	2016 IEEE International Symposium on Technology and Society (ISTAS)
1551	2016 IEEE International Telecommunications Energy Conference (INTELEC)
1552	2016 IEEE International Test Conference (ITC)
1553	2016 IEEE International Ultrasonics Symposium (IUS)
1554	2016 IEEE MTT-S International Microwave Symposium (IMS)
1555	2016 IEEE National Aerospace and Electronics Conference (NAECON) and Ohio Innovation Summit (OIS)
1556	2016 IEEE Nuclear Science Symposium, Medical Imaging Conference and Room-Temperature Semiconductor Detector Workshop (NSS/MIC/RTSD)
1557	2016 IEEE PES 13th International Conference on Transmission & Distribution Construction, Operation & Live-Line Maintenance (ESMO)

1558	2016 IEEE Photonics Conference (IPC)
1559	2016 IEEE Power and Energy Society General Meeting (PESGM)
1560	2016 IEEE Pulp, Paper & Forest Industries Conference (PPFIC)
1561	2016 IEEE Radar Conference (RadarConf)
1562	2016 IEEE Radio Frequency Integrated Circuits Symposium (RFIC)
1563	2016 IEEE Real-Time Systems Symposium (RTSS)
1564	2016 IEEE Region 10 Conference (TENCON)
1565	2016 IEEE Rural Electric Power Conference (REPC)
1566	2016 IEEE SENSORS
1567	2016 IEEE SOI-3D-Subthreshold Microelectronics Technology Unified Conference (S3S)
1568	2016 IEEE Symposium on Product Compliance Engineering (ISPCE)
1569	2016 IEEE Symposium on Security and Privacy (SP)
1570	2016 IEEE Symposium on VLSI Circuits (VLSI-Circuits)
1571	2016 IEEE Symposium on VLSI Technology
1572	2016 IEEE Virtual Reality (VR)
1573	2016 IEEE-IAS/PCA Cement Industry Technical Conference
1574	2016 IEEE/ACM 38th International Conference on Software Engineering (ICSE)
1575	2016 IEEE/ACM International Conference on Computer-Aided Design (ICCAD)
1576	2016 IEEE/AIAA 35th Digital Avionics Systems Conference (DASC)
1577	2016 IEEE/IAS 52nd Industrial and Commercial Power Systems Technical Conference (I&CPS)
1578	2016 IEEE/ION Position, Location and Navigation Symposium (PLANS)
1579	2016 IEEE/OES Autonomous Underwater Vehicles (AUV)
1580	2016 IEEE/PES Transmission and Distribution Conference and Exposition (T&D)
1581	2016 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)
1582	2016 International Conference on Microelectronic Test Structures (ICMTS)
1583	2016 International Joint Conference on Neural Networks (IJCNN)
1584	2016 International Semiconductor Laser Conference (ISLC)
1585	2016 International Symposium on Semiconductor Manufacturing (ISSM)
1586	2016 Joint IEEE International Symposium on the Applications of Ferroelectrics, European Conference on Application of Polar Dielectrics, and Piezoelectric Force Microscopy Workshop (ISAF/ECAPD/PFM)
1587	2016 Lester Eastman Conference (LEC)
1588	2016 Optical Fiber Communications Conference and Exhibition (OFC)
1589	2016 Petroleum and Chemical Industry Technical Conference (PCIC)
1590	2016 Portland International Conference on Management of Engineering and Technology (PICMET)
1591	2016 Winter Simulation Conference (WSC)
1592	2017 16th IEEE Intersociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems (ITherm)
1593	2017 28th Annual SEMI Advanced Semiconductor Manufacturing Conference (ASMC)
1594	2017 29th International Symposium on Power Semiconductor Devices and IC's (ISPSD)
1595	2017 32nd Annual ACM/IEEE Symposium on Logic in Computer Science (LICS)
1596	2017 33rd Thermal Measurement, Modeling & Management Symposium (SEMI-THERM)

1597	2017 39th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)
1598	2017 47th Annual IEEE/IFIP International Conference on Dependable Systems and Networks (DSN)
1599	2017 51st Asilomar Conference on Signals, Systems, and Computers
1600	2017 54th ACM/EDAC/IEEE Design Automation Conference (DAC)
1601	2017 ACM/IEEE 44th Annual International Symposium on Computer Architecture (ISCA)
1602	2017 American Control Conference (ACC)
1603	2017 Annual Pulp, Paper And Forest Industries Technical Conference (PPFIC)
1604	2017 Annual Reliability and Maintainability Symposium (RAMS)
1605	2017 Computing in Cardiology (CinC)
1606	2017 Conference on Lasers and Electro-Optics (CLEO)
1607	2017 IEEE 19th International Conference on Dielectric Liquids (ICDL)
1608	2017 IEEE 20th International Conference on Intelligent Transportation Systems (ITSC)
1609	2017 IEEE 24th Symposium on Computer Arithmetic (ARITH)
1610	2017 IEEE 29th International Conference on Tools with Artificial Intelligence (ICTAI)
1611	2017 IEEE 30th Canadian Conference on Electrical and Computer Engineering (CCECE)
1612	2017 IEEE 30th International Conference on Micro Electro Mechanical Systems (MEMS)
1613	2017 IEEE 30th International Symposium on Computer-Based Medical Systems (CBMS)
1614	2017 IEEE 33rd International Conference on Data Engineering (ICDE)
1615	2017 IEEE 36th International Performance Computing and Communications Conference (IPCCC)
1616	2017 IEEE 36th Symposium on Reliable Distributed Systems (SRDS)
1617	2017 IEEE 37th International Conference on Distributed Computing Systems (ICDCS)
1618	2017 IEEE 41st Annual Computer Software and Applications Conference (COMPSAC)
1619	2017 IEEE 44th Photovoltaic Specialist Conference (PVSC)
1620	2017 IEEE 47th International Symposium on Multiple-Valued Logic (ISMVL)
1621	2017 IEEE 56th Annual Conference on Decision and Control (CDC)
1622	2017 IEEE 58th Annual Symposium on Foundations of Computer Science (FOCS)
1623	2017 IEEE 60th International Midwest Symposium on Circuits and Systems (MWSCAS)
1624	2017 IEEE 67th Electronic Components and Technology Conference (ECTC)
1625	2017 IEEE 85th Vehicular Technology Conference (VTC Spring)
1626	2017 IEEE 86th Vehicular Technology Conference (VTC-Fall)
1627	2017 IEEE AFRICON
1628	2017 IEEE Applied Power Electronics Conference and Exposition (APEC)
1629	2017 IEEE AUTOTESTCON
1630	2017 IEEE Bipolar/BiCMOS Circuits and Technology Meeting (BCTM)
1631	2017 IEEE Compound Semiconductor Integrated Circuit Symposium (CSICS)
1632	2017 IEEE Conference on Computer Vision and Pattern Recognition (CVPR)
1633	2017 IEEE Conference on Electrical Insulation and Dielectric Phenomenon (CEIDP)
1634	2017 IEEE Custom Integrated Circuits Conference (CICC)
1635	2017 IEEE Electrical Insulation Conference (EIC)
1636	2017 IEEE Frontiers in Education Conference (FIE)
1637	2017 IEEE Holm Conference on Electrical Contacts
1638	2017 IEEE Industry Applications Society Annual Meeting

1639	2017 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)
1640	2017 IEEE International Conference on Communications (ICC)
1641	2017 IEEE International Conference on Computer Design (ICCD)
1642	2017 IEEE International Conference on Computer Vision (ICCV)
1643	2017 IEEE International Conference on Consumer Electronics (ICCE)
1644	2017 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)
1645	2017 IEEE International Conference on Image Processing (ICIP)
1646	2017 IEEE International Conference on Plasma Science (ICOPS)
1647	2017 IEEE International Conference on RFID (RFID)
1648	2017 IEEE International Conference on Robotics and Automation (ICRA)
1649	2017 IEEE International Conference on Software Maintenance and Evolution (ICSME)
1650	2017 IEEE International Conference on Systems, Man, and Cybernetics (SMC)
1651	2017 IEEE International Electron Devices Meeting (IEDM)
1652	2017 IEEE International Geoscience and Remote Sensing Symposium (IGARSS)
1653	2017 IEEE International Instrumentation and Measurement Technology Conference (I2MTC)
1654	2017 IEEE International Professional Communication Conference (ProComm)
1655	2017 IEEE International Reliability Physics Symposium (IRPS)
1656	2017 IEEE International Solid-State Circuits Conference (ISSCC)
1657	2017 IEEE International Symposium on Antennas and Propagation & USNC/URSI National Radio Science Meeting
1658	2017 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB)
1659	2017 IEEE International Symposium on Circuits and Systems (ISCAS)
1660	2017 IEEE International Symposium on Electromagnetic Compatibility & Signal/Power Integrity (EMCSI)
1661	2017 IEEE International Symposium on Information Theory (ISIT)
1662	2017 IEEE International Symposium on Technology and Society (ISTAS)
1663	2017 IEEE International Telecommunications Energy Conference (INTELEC)
1664	2017 IEEE International Test Conference (ITC)
1665	2017 IEEE International Ultrasonics Symposium (IUS)
1666	2017 IEEE MTT-S International Microwave Symposium (IMS)
1667	2017 IEEE National Aerospace and Electronics Conference (NAECON)
1668	2017 IEEE Nuclear Science Symposium and Medical Imaging Conference (NSS/MIC)
1669	2017 IEEE Pacific Rim Conference on Communications, Computers and Signal Processing (PACRIM)
1670	2017 IEEE Photonics Conference (IPC)
1671	2017 IEEE Power & Energy Society General Meeting
1672	2017 IEEE Radar Conference (RadarConf)
1673	2017 IEEE Radio Frequency Integrated Circuits Symposium (RFIC)
1674	2017 IEEE Real-Time Systems Symposium (RTSS)
1675	2017 IEEE Rural Electric Power Conference (REPC)
1676	2017 IEEE SENSORS
1677	2017 IEEE SOI-3D-Subthreshold Microelectronics Technology Unified Conference (S3S)
1678	2017 IEEE Symposium on Product Compliance Engineering (ISPCE)
1679	2017 IEEE Symposium on Security and Privacy (SP)

1680	2017 IEEE Virtual Reality (VR)
1681	2017 IEEE-IAS/PCA Cement Industry Technical Conference
1682	2017 IEEE/ACM 39th International Conference on Software Engineering (ICSE)
1683	2017 IEEE/ACM International Conference on Computer-Aided Design (ICCAD)
1684	2017 IEEE/AIAA 36th Digital Avionics Systems Conference (DASC)
1685	2017 IEEE/IAS 53rd Industrial and Commercial Power Systems Technical Conference (I&CPS)
1686	2017 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)
1687	2017 International Carnahan Conference on Security Technology (ICCST)
1688	2017 International Conference of Microelectronic Test Structures (ICMTS)
1689	2017 International Joint Conference on Neural Networks (IJCNN)
1690	2017 Joint Conference of the European Frequency and Time Forum and IEEE International Frequency Control Symposium (EFTF/IFCS)
1691	2017 Joint IEEE International Symposium on the Applications of Ferroelectric (ISAF)/International Workshop on Acoustic Transduction Materials and Devices (IWATMD)/Piezoresponse Force Microscopy (PFM)
1692	2017 Joint International Symposium on e-Manufacturing and Design Collaboration (eMDC) & Semiconductor Manufacturing (ISSM)
1693	2017 Optical Fiber Communications Conference and Exhibition (OFC)
1694	2017 Petroleum and Chemical Industry Technical Conference (PCIC)
1695	2017 Portland International Conference on Management of Engineering and Technology (PICMET)
1696	2017 Symposium on VLSI Circuits
1697	2017 Symposium on VLSI Technology
1698	2017 Winter Simulation Conference (WSC)
1699	2018 12th International Conference on the Properties and Applications of Dielectric Materials (ICPADM)
1700	2018 17th IEEE Intersociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems (ITherm)
1701	2018 19th IEEE Mediterranean Electrotechnical Conference (MELECON)
1702	2018 21st International Conference on Intelligent Transportation Systems (ITSC)
1703	2018 25th IEEE International Conference on Image Processing (ICIP)
1704	2018 28th International Symposium on Discharges and Electrical Insulation in Vacuum (ISDEIV)
1705	2018 29th Annual SEMI Advanced Semiconductor Manufacturing Conference (ASMC)
1706	2018 34th Thermal Measurement, Modeling & Management Symposium (SEMI-THERM)
1707	2018 40th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)
1708	2018 48th Annual IEEE/IFIP International Conference on Dependable Systems and Networks (DSN)
1709	2018 52nd Asilomar Conference on Signals, Systems, and Computers
1710	2018 55th ACM/ESDA/IEEE Design Automation Conference (DAC)
1711	2018 ACM/IEEE 45th Annual International Symposium on Computer Architecture (ISCA)
1712	2018 Annual American Control Conference (ACC)
1713	2018 Annual Reliability and Maintainability Symposium (RAMS)
1714	2018 Computing in Cardiology Conference (CinC)

1715	2018 Conference on Lasers and Electro-Optics (CLEO)
1716	2018 Conference on Precision Electromagnetic Measurements (CPEM 2018)
1717	2018 IEEE 25th Symposium on Computer Arithmetic (ARITH)
1718	2018 IEEE 30th International Conference on Tools with Artificial Intelligence (ICTAI)
1719	2018 IEEE 30th International Symposium on Power Semiconductor Devices and ICs (ISPSD)
1720	2018 IEEE 31st International Symposium on Computer-Based Medical Systems (CBMS)
1721	2018 IEEE 34th International Conference on Data Engineering (ICDE)
1722	2018 IEEE 36th International Conference on Computer Design (ICCD)
1723	2018 IEEE 37th International Performance Computing and Communications Conference (IPCCC)
1724	2018 IEEE 37th Symposium on Reliable Distributed Systems (SRDS)
1725	2018 IEEE 38th International Conference on Distributed Computing Systems (ICDCS)
1726	2018 IEEE 38th International Electronics Manufacturing Technology Conference (IEMT)
1727	2018 IEEE 42nd Annual Computer Software and Applications Conference (COMPSAC)
1728	2018 IEEE 48th International Symposium on Multiple-Valued Logic (ISMVL)
1729	2018 IEEE 59th Annual Symposium on Foundations of Computer Science (FOCS)
1730	2018 IEEE 61st International Midwest Symposium on Circuits and Systems (MWSCAS)
1731	2018 IEEE 68th Electronic Components and Technology Conference (ECTC)
1732	2018 IEEE 7th World Conference on Photovoltaic Energy Conversion (WCPEC) (A Joint Conference of 45th IEEE PVSC, 28th PVSEC & 34th EU PVSEC)
1733	2018 IEEE 87th Vehicular Technology Conference (VTC Spring)
1734	2018 IEEE 88th Vehicular Technology Conference (VTC-Fall)
1735	2018 IEEE Applied Power Electronics Conference and Exposition (APEC)
1736	2018 IEEE AUTOTESTCON
1737	2018 IEEE Canadian Conference on Electrical & Computer Engineering (CCECE)
1738	2018 IEEE Conference on Decision and Control (CDC)
1739	2018 IEEE Conference on Electrical Insulation and Dielectric Phenomena (CEIDP)
1740	2018 IEEE Conference on Virtual Reality and 3D User Interfaces (VR)
1741	2018 IEEE Custom Integrated Circuits Conference (CICC)
1742	2018 IEEE Electrical Insulation Conference (EIC)
1743	2018 IEEE Frontiers in Education Conference (FIE)
1744	2018 IEEE Global Communications Conference (GLOBECOM)
1745	2018 IEEE Holm Conference on Electrical Contacts
1746	2018 IEEE IAS Pulp, Paper and Forest Industries Conference (PPFIC)
1747	2018 IEEE Industry Applications Society Annual Meeting (IAS)
1748	2018 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)
1749	2018 IEEE International Conference on Communications (ICC)
1750	2018 IEEE International Conference on Consumer Electronics (ICCE)
1751	2018 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)
1752	2018 IEEE International Conference on Microelectronic Test Structures (ICMETS)
1753	2018 IEEE International Conference on RFID (RFID)
1754	2018 IEEE International Conference on Robotics and Automation (ICRA)
1755	2018 IEEE International Conference on Software Maintenance and Evolution (ICSME)
1756	2018 IEEE International Conference on Systems, Man, and Cybernetics (SMC)

1757	2018 IEEE International Conference on Technology Management, Operations and Decisions (ICTMOD)
1758	2018 IEEE International Electron Devices Meeting (IEDM)
1759	2018 IEEE International Frequency Control Symposium (IFCS)
1760	2018 IEEE International Instrumentation and Measurement Technology Conference (I2MTC)
1761	2018 IEEE International Power Modulator and High Voltage Conference (IPMHVC)
1762	2018 IEEE International Professional Communication Conference (ProComm)
1763	2018 IEEE International Reliability Physics Symposium (IRPS)
1764	2018 IEEE International Semiconductor Laser Conference (ISLC)
1765	2018 IEEE International Solid - State Circuits Conference - (ISSCC)
1766	2018 IEEE International Symposium on Antennas and Propagation & USNC/URSI National Radio Science Meeting
1767	2018 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB)
1768	2018 IEEE International Symposium on Circuits and Systems (ISCAS)
1769	2018 IEEE International Symposium on Electromagnetic Compatibility and 2018 IEEE Asia-Pacific Symposium on Electromagnetic Compatibility (EMC/APEMC)
1770	2018 IEEE International Symposium on Information Theory (ISIT)
1771	2018 IEEE International Symposium on Technology and Society (ISTAS)
1772	2018 IEEE International Telecommunications Energy Conference (INTELEC)
1773	2018 IEEE International Test Conference (ITC)
1774	2018 IEEE International Ultrasonics Symposium (IUS)
1775	2018 IEEE ISAF-FMA-AMF-AMEC-PFM Joint Conference (IFAAP)
1776	2018 IEEE Micro Electro Mechanical Systems (MEMS)
1777	2018 IEEE Nuclear Science Symposium and Medical Imaging Conference Proceedings (NSS/MIC)
1778	2018 IEEE Petroleum and Chemical Industry Technical Conference (PCIC)
1779	2018 IEEE Photonics Conference (IPC)
1780	2018 IEEE Power & Energy Society General Meeting (PESGM)
1781	2018 IEEE Radar Conference (RadarConf18)
1782	2018 IEEE Radio Frequency Integrated Circuits Symposium (RFIC)
1783	2018 IEEE Real-Time Systems Symposium (RTSS)
1784	2018 IEEE Rural Electric Power Conference (REPC)
1785	2018 IEEE SENSORS
1786	2018 IEEE SOI-3D-Subthreshold Microelectronics Technology Unified Conference (S3S)
1787	2018 IEEE Symposium on Product Compliance Engineering (ISPC)
1788	2018 IEEE Symposium on Security and Privacy (SP)
1789	2018 IEEE Symposium on VLSI Circuits
1790	2018 IEEE Symposium on VLSI Technology
1791	2018 IEEE-IAS/PCA Cement Industry Conference (IAS/PCA)
1792	2018 IEEE/ACM 40th International Conference on Software Engineering (ICSE)
1793	2018 IEEE/ACM International Conference on Computer-Aided Design (ICCAD)
1794	2018 IEEE/AIAA 37th Digital Avionics Systems Conference (DASC)
1795	2018 IEEE/CVF Conference on Computer Vision and Pattern Recognition
1796	2018 IEEE/IAS 54th Industrial and Commercial Power Systems Technical Conference (I&CPS)
1797	2018 IEEE/ION Position, Location and Navigation Symposium (PLANS)

1798	2018 IEEE/MTT-S International Microwave Symposium - IMS
1799	2018 IEEE/OES Autonomous Underwater Vehicle Workshop (AUV)
1800	2018 IEEE/PES Transmission and Distribution Conference and Exposition (T&D)
1801	2018 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)
1802	2018 International Carnahan Conference on Security Technology (ICCST)
1803	2018 International Joint Conference on Neural Networks (IJCNN)
1804	2018 International Symposium on Semiconductor Manufacturing (ISSM)
1805	2018 Optical Fiber Communications Conference and Exposition (OFC)
1806	2018 Portland International Conference on Management of Engineering and Technology (PICMET)
1807	2018 Winter Simulation Conference (WSC)
1808	2019 18th IEEE Intersociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems (ITherm)
1809	2019 30th Annual SEMI Advanced Semiconductor Manufacturing Conference (ASMC)
1810	2019 31st International Symposium on Power Semiconductor Devices and ICs (ISPSD)
1811	2019 34th Annual ACM/IEEE Symposium on Logic in Computer Science (LICS)
1812	2019 35th Semiconductor Thermal Measurement, Modeling and Management Symposium (SEMI-THERM)
1813	2019 35th Symposium on Mass Storage Systems and Technologies (MSST)
1814	2019 38th Symposium on Reliable Distributed Systems (SRDS)
1815	2019 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)
1816	2019 49th Annual IEEE/IFIP International Conference on Dependable Systems and Networks (DSN)
1817	2019 53rd Asilomar Conference on Signals, Systems, and Computers
1818	2019 56th ACM/IEEE Design Automation Conference (DAC)
1819	2019 ACM/IEEE 46th Annual International Symposium on Computer Architecture (ISCA)
1820	2019 American Control Conference (ACC)
1821	2019 Annual Reliability and Maintainability Symposium (RAMS)
1822	2019 Compound Semiconductor Week (CSW)
1823	2019 Computing in Cardiology (CinC)
1824	2019 Conference on Lasers and Electro-Optics (CLEO)
1825	2019 IEEE 20th International Conference on Dielectric Liquids (ICDL)
1826	2019 IEEE 26th Symposium on Computer Arithmetic (ARITH)
1827	2019 IEEE 31st International Conference on Tools with Artificial Intelligence (ICTAI)
1828	2019 IEEE 32nd International Conference on Micro Electro Mechanical Systems (MEMS)
1829	2019 IEEE 32nd International Conference on Microelectronic Test Structures (ICMETS)
1830	2019 IEEE 32nd International Symposium on Computer-Based Medical Systems (CBMS)
1831	2019 IEEE 35th International Conference on Data Engineering (ICDE)
1832	2019 IEEE 37th International Conference on Computer Design (ICCD)
1833	2019 IEEE 38th International Performance Computing and Communications Conference (IPCCC)
1834	2019 IEEE 39th International Conference on Distributed Computing Systems (ICDCS)
1835	2019 IEEE 43rd Annual Computer Software and Applications Conference (COMPSAC)
1836	2019 IEEE 46th Photovoltaic Specialists Conference (PVSC)

1837	2019 IEEE 49th International Symposium on Multiple-Valued Logic (ISMVL)
1838	2019 IEEE 58th Conference on Decision and Control (CDC)
1839	2019 IEEE 60th Annual Symposium on Foundations of Computer Science (FOCS)
1840	2019 IEEE 62nd International Midwest Symposium on Circuits and Systems (MWSCAS)
1841	2019 IEEE 69th Electronic Components and Technology Conference (ECTC)
1842	2019 IEEE 89th Vehicular Technology Conference (VTC2019-Spring)
1843	2019 IEEE 90th Vehicular Technology Conference (VTC2019-Fall)
1844	2019 IEEE AFRICON
1845	2019 IEEE Applied Power Electronics Conference and Exposition (APEC)
1846	2019 IEEE AUTOTESTCON
1847	2019 IEEE Canadian Conference of Electrical and Computer Engineering (CCECE)
1848	2019 IEEE Conference on Electrical Insulation and Dielectric Phenomena (CEIDP)
1849	2019 IEEE Conference on Virtual Reality and 3D User Interfaces (VR)
1850	2019 IEEE Custom Integrated Circuits Conference (CICC)
1851	2019 IEEE Electrical Insulation Conference (EIC)
1852	2019 IEEE Frontiers in Education Conference (FIE)
1853	2019 IEEE Global Communications Conference (GLOBECOM)
1854	2019 IEEE Holm Conference on Electrical Contacts
1855	2019 IEEE IAS Pulp, Paper and Forest Industries Conference (PPFIC)
1856	2019 IEEE Industry Applications Society Annual Meeting
1857	2019 IEEE Intelligent Transportation Systems Conference (ITSC)
1858	2019 IEEE International Conference on Consumer Electronics (ICCE)
1859	2019 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)
1860	2019 IEEE International Conference on Image Processing (ICIP)
1861	2019 IEEE International Conference on RFID (RFID)
1862	2019 IEEE International Conference on Software Maintenance and Evolution (ICSME)
1863	2019 IEEE International Conference on Systems, Man and Cybernetics (SMC)
1864	2019 IEEE International Electron Devices Meeting (IEDM)
1865	2019 IEEE International Instrumentation and Measurement Technology Conference (I2MTC)
1866	2019 IEEE International Professional Communication Conference (ProComm)
1867	2019 IEEE International Reliability Physics Symposium (IRPS)
1868	2019 IEEE International Solid- State Circuits Conference - (ISSCC)
1869	2019 IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting
1870	2019 IEEE International Symposium on Applications of Ferroelectrics (ISAF)
1871	2019 IEEE International Symposium on Broadband Multimedia Systems and Broadcasting (BMSB)
1872	2019 IEEE International Symposium on Circuits and Systems (ISCAS)
1873	2019 IEEE International Symposium on Electromagnetic Compatibility, Signal & Power Integrity (EMC+SIPI)
1874	2019 IEEE International Symposium on Information Theory (ISIT)
1875	2019 IEEE International Symposium on Product Compliance Engineering (ISPCE)
1876	2019 IEEE International Symposium on Technology and Society (ISTAS)
1877	2019 IEEE International Test Conference (ITC)
1878	2019 IEEE International Ultrasonics Symposium (IUS)

1879	2019 IEEE MTT-S International Microwave Symposium (IMS)
1880	2019 IEEE National Aerospace and Electronics Conference (NAECON)
1881	2019 IEEE Nuclear Science Symposium and Medical Imaging Conference (NSS/MIC)
1882	2019 IEEE Pacific Rim Conference on Communications, Computers and Signal Processing (PACRIM)
1883	2019 IEEE Petroleum and Chemical Industry Committee Conference (PCIC)
1884	2019 IEEE Photonics Conference (IPC)
1885	2019 IEEE Power & Energy Society General Meeting (PESGM)
1886	2019 IEEE Radar Conference (RadarConf)
1887	2019 IEEE Radio Frequency Integrated Circuits Symposium (RFIC)
1888	2019 IEEE Real-Time Systems Symposium (RTSS)
1889	2019 IEEE Rural Electric Power Conference (REPC)
1890	2019 IEEE SENSORS
1891	2019 IEEE SOI-3D-Subthreshold Microelectronics Technology Unified Conference (S3S)
1892	2019 IEEE Symposium on Security and Privacy (SP)
1893	2019 IEEE-IAS/PCA Cement Industry Conference (IAS/PCA)
1894	2019 IEEE/ACM 41st International Conference on Software Engineering (ICSE)
1895	2019 IEEE/ACM International Conference on Computer-Aided Design (ICCAD)
1896	2019 IEEE/AIAA 38th Digital Avionics Systems Conference (DASC)
1897	2019 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)
1898	2019 IEEE/CVF International Conference on Computer Vision (ICCV)
1899	2019 IEEE/IAS 55th Industrial and Commercial Power Systems Technical Conference (I&CPS)
1900	2019 IEEE/OES Twelfth Current, Waves and Turbulence Measurement (CWTM)
1901	2019 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)
1902	2019 International Carnahan Conference on Security Technology (ICCST)
1903	2019 International Conference on Robotics and Automation (ICRA)
1904	2019 International Joint Conference on Neural Networks (IJCNN)
1905	2019 Joint Conference of the IEEE International Frequency Control Symposium and European Frequency and Time Forum (EFTF/IFC)
1906	2019 Joint International Symposium on e-Manufacturing & Design Collaboration (eMDC) & Semiconductor Manufacturing (ISSM)
1907	2019 Optical Fiber Communications Conference and Exhibition (OFC)
1908	2019 Portland International Conference on Management of Engineering and Technology (PICMET)
1909	2019 SoutheastCon
1910	2019 Symposium on VLSI Circuits
1911	2019 Symposium on VLSI Technology
1912	2019 Winter Simulation Conference (WSC)
1913	2020 19th IEEE Intersociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems (ITherm)
1914	2020 31st Annual SEMI Advanced Semiconductor Manufacturing Conference (ASMC)
1915	2020 32nd International Symposium on Power Semiconductor Devices and ICs (ISPSD)
1916	2020 36th Semiconductor Thermal Measurement, Modeling & Management Symposium (SEMI-THERM)

1917	2020 42nd Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC)
1918	2020 47th IEEE Photovoltaic Specialists Conference (PVSC)
1919	2020 50th Annual IEEE/IFIP International Conference on Dependable Systems and Networks (DSN)
1920	2020 57th ACM/IEEE Design Automation Conference (DAC)
1921	2020 59th IEEE Conference on Decision and Control (CDC)
1922	2020 ACM/IEEE 47th Annual International Symposium on Computer Architecture (ISCA)
1923	2020 AIAA/IEEE 39th Digital Avionics Systems Conference (DASC)
1924	2020 American Control Conference (ACC)
1925	2020 Annual Reliability and Maintainability Symposium (RAMS)
1926	2020 Computing in Cardiology
1927	2020 Conference on Lasers and Electro-Optics (CLEO)
1928	2020 Conference on Precision Electromagnetic Measurements (CPEM)
1929	2020 IEEE 20th Mediterranean Electrotechnical Conference (MELECON)
1930	2020 IEEE 23rd International Conference on Intelligent Transportation Systems (ITSC)
1931	2020 IEEE 27th Symposium on Computer Arithmetic (ARITH)
1932	2020 IEEE 32nd International Conference on Tools with Artificial Intelligence (ICTAI)
1933	2020 IEEE 33rd International Conference on Micro Electro Mechanical Systems (MEMS)
1934	2020 IEEE 33rd International Conference on Microelectronic Test Structures (ICMETS)
1935	2020 IEEE 33rd International Symposium on Computer-Based Medical Systems (CBMS)
1936	2020 IEEE 36th International Conference on Data Engineering (ICDE)
1937	2020 IEEE 38th International Conference on Computer Design (ICCD)
1938	2020 IEEE 44th Annual Computers, Software, and Applications Conference (COMPSAC)
1939	2020 IEEE 50th International Symposium on Multiple-Valued Logic (ISMVL)
1940	2020 IEEE 61st Annual Symposium on Foundations of Computer Science (FOCS)
1941	2020 IEEE 63rd International Midwest Symposium on Circuits and Systems (MWSCAS)
1942	2020 IEEE 66th Holm Conference on Electrical Contacts and Intensive Course (HLM)
1943	2020 IEEE 70th Electronic Components and Technology Conference (ECTC)
1944	2020 IEEE 91st Vehicular Technology Conference (VTC2020-Spring)
1945	2020 IEEE 92nd Vehicular Technology Conference (VTC2020-Fall)
1946	2020 IEEE Applied Power Electronics Conference and Exposition (APEC)
1947	2020 IEEE Canadian Conference on Electrical and Computer Engineering (CCECE)
1948	2020 IEEE Conference on Virtual Reality and 3D User Interfaces (VR)
1949	2020 IEEE Custom Integrated Circuits Conference (CICC)
1950	2020 IEEE Electrical Insulation Conference (EIC)
1951	2020 IEEE Frontiers in Education Conference (FIE)
1952	2020 IEEE Industry Applications Society Annual Meeting
1953	2020 IEEE International Conference on Consumer Electronics (ICCE)
1954	2020 IEEE International Conference on Fuzzy Systems (FUZZ-IEEE)
1955	2020 IEEE International Conference on Image Processing (ICIP)
1956	2020 IEEE International Conference on RFID (RFID)
1957	2020 IEEE International Conference on Robotics and Automation (ICRA)
1958	2020 IEEE International Conference on Software Maintenance and Evolution (ICSME)

1959	2020 IEEE International Conference on Systems, Man, and Cybernetics (SMC)
1960	2020 IEEE International Instrumentation and Measurement Technology Conference (I2MTC)
1961	2020 IEEE International Professional Communication Conference (ProComm)
1962	2020 IEEE International Reliability Physics Symposium (IRPS)
1963	2020 IEEE International Solid- State Circuits Conference - (ISSCC)
1964	2020 IEEE International Symposium on Antennas and Propagation and North American Radio Science Meeting
1965	2020 IEEE International Symposium on Circuits and Systems (ISCAS)
1966	2020 IEEE International Symposium on Electromagnetic Compatibility & Signal/Power Integrity (EMCSI)
1967	2020 IEEE International Symposium on Information Theory (ISIT)
1968	2020 IEEE International Test Conference (ITC)
1969	2020 IEEE International Ultrasonics Symposium (IUS)
1970	2020 IEEE Photonics Conference (IPC)
1971	2020 IEEE Power & Energy Society General Meeting (PESGM)
1972	2020 IEEE Radar Conference (RadarConf20)
1973	2020 IEEE Radio Frequency Integrated Circuits Symposium (RFIC)
1974	2020 IEEE REGION 10 CONFERENCE (TENCON)
1975	2020 IEEE SENSORS
1976	2020 IEEE Symposium on Security and Privacy (SP)
1977	2020 IEEE Symposium on VLSI Circuits
1978	2020 IEEE Symposium on VLSI Technology
1979	2020 IEEE/ACM 42nd International Conference on Software Engineering (ICSE)
1980	2020 IEEE/ACM International Conference On Computer Aided Design (ICCAD)
1981	2020 IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR)
1982	2020 IEEE/IAS 56th Industrial and Commercial Power Systems Technical Conference (I&CPS)
1983	2020 IEEE/ION Position, Location and Navigation Symposium (PLANS)
1984	2020 IEEE/MTT-S International Microwave Symposium (IMS)
1985	2020 IEEE/OES Autonomous Underwater Vehicles Symposium (AUV)
1986	2020 IEEE/PES Transmission and Distribution Conference and Exposition (T&D)
1987	2020 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS)
1988	2020 International Joint Conference on Neural Networks (IJCNN)
1989	2020 International Symposium on Reliable Distributed Systems (SRDS)
1990	2020 Joint Conference of the IEEE International Frequency Control Symposium and International Symposium on Applications of Ferroelectrics (IFCS-ISAF)
1991	2020 Optical Fiber Communications Conference and Exhibition (OFC)
1992	2020 SoutheastCon
1993	20th Annual IEEE Conference on Computational Complexity (CCC'05)
1994	20th Annual IEEE Symposium on Logic in Computer Science (LICS' 05)
1995	20th DASC. 20th Digital Avionics Systems Conference (Cat. No.01CH37219)
1996	20th IEEE International Conference on Software Maintenance, 2004. Proceedings.
1997	20th IEEE International Symposium on Defect and Fault Tolerance in VLSI Systems (DFT'05)

1998	20th IEEE/11th NASA Goddard Conference on Mass Storage Systems and Technologies, 2003. (MSST 2003). Proceedings.
1999	20th IEEE/NPSS Symposium on Fusion Engineering, 2003.
2000	20th International Congress on Instrumentation in Aerospace Simulation Facilities, 2003. ICIASF '03.
2001	20th International Symposium on Discharges and Electrical Insulation in Vacuum
2002	21st Annual IEEE Conference on Computational Complexity (CCC'06)
2003	21st Annual IEEE Symposium on Logic in Computer Science (LICS'06)
2004	21st IEEE International Conference on Software Maintenance (ICSM'05)
2005	21st IEEE Symposium on Reliable Distributed Systems, 2002. Proceedings.
2006	21st IEEE/NPS Symposium on Fusion Engineering SOFE 05
2007	21st International Conference on Data Engineering (ICDE'05)
2008	21st International Telecommunications Energy Conference. INTELEC '99 (Cat. No.99CH37007)
2009	22nd Annual IEEE Symposium on Logic in Computer Science (LICS 2007)
2010	22nd IEEE / 13th NASA Goddard Conference on Mass Storage Systems and Technologies (MSST'05)
2011	22nd IEEE International Semiconductor Laser Conference
2012	22nd International Conference on Data Engineering (ICDE'06)
2013	22nd International Symposium on Reliable Distributed Systems, 2003. Proceedings.
2014	23rd IEEE Real-Time Systems Symposium, 2002. RTSS 2002.
2015	23rd International Conference on Distributed Computing Systems, 2003. Proceedings.
2016	24th Annual International Telecommunications Energy Conference
2017	24th Annual Technical Digest Gallium Arsenide Integrated Circuit (GaAs IC) Symposium
2018	24th Digital Avionics Systems Conference
2019	24th IEEE Conference on Mass Storage Systems and Technologies (MSST 2007)
2020	24th IEEE Symposium on Reliable Distributed Systems (SRDS'05)
2021	24th International Conference on Distributed Computing Systems Workshops, 2004. Proceedings.
2022	24th International Conference on Distributed Computing Systems, 2004. Proceedings.
2023	24th ISDEIV 2010
2024	25th Anniversary, IEEE Conference Record - Abstracts. 1998 IEEE International Conference on Plasma Science (Cat. No.98CH36221)
2025	25th Annual International Computer Software and Applications Conference. COMPSAC 2001
2026	25th Annual SEMI Advanced Semiconductor Manufacturing Conference (ASMC 2014)
2027	25th Annual Technical Digest 2003. IEEE Gallium Arsenide Integrated Circuit (GaAs IC) Symposium, 2003.
2028	25th IEEE International Conference on Distributed Computing Systems (ICDCS'05)
2029	25th IEEE International Real-Time Systems Symposium
2030	25th International Conference on Software Engineering, 2003. Proceedings.
2031	26th IEEE International Conference on Distributed Computing Systems (ICDCS'06)
2032	26th IEEE International Real-Time Systems Symposium (RTSS'05)
2033	26th International Conference on Indium Phosphide and Related Materials (IPRM)
2034	27th Annual IEEE/SEMI International Electronics Manufacturing Technology Symposium
2035	27th International Conference on Distributed Computing Systems (ICDCS '07)

2036	28th IEEE International Real-Time Systems Symposium (RTSS 2007)
2037	29th Annual International Computer Software and Applications Conference (COMPSAC'05)
2038	29th Conference on Precision Electromagnetic Measurements (CPEM 2014)
2039	29th Digital Avionics Systems Conference
2040	29th IEEE Semiconductor Thermal Measurement and Management Symposium
2041	29th International Conference on Software Engineering (ICSE'07)
2042	2nd European Conference on Universal Multiservice Networks. ECUMN'2001 (Cat. No.02EX563)
2043	30th Annual Conference of IEEE Industrial Electronics Society, 2004. IECON 2004
2044	30th Annual Frontiers in Education Conference. Building on A Century of Progress in Engineering Education. Conference Proceedings (IEEE Cat. No.00CH37135)
2045	30th Annual IEEE Power Electronics Specialists Conference. Record. (Cat. No.99CH36321)
2046	30th Annual International Computer Software and Applications Conference (COMPSAC'06)
2047	30th Annual International Symposium on Computer Architecture, 2003. Proceedings.
2048	30th IEEE International Performance Computing and Communications Conference
2049	31st Annual Conference of IEEE Industrial Electronics Society, 2005. IECON 2005.
2050	31st Annual Frontiers in Education Conference. Impact on Engineering and Science Education. Conference Proceedings (Cat. No.01CH37193)
2051	32nd Annual Frontiers in Education
2052	32nd International Symposium on Computer Architecture (ISCA'05)
2053	33rd Annual Frontiers in Education, 2003. FIE 2003.
2054	33rd International Symposium on Computer Architecture (ISCA'06)
2055	33rd International Symposium on Multiple-Valued Logic, 2003. Proceedings.
2056	34th Annual Frontiers in Education, 2004. FIE 2004.
2057	35th International Symposium on Multiple-Valued Logic (ISMVL'05)
2058	36th International Electronics Manufacturing Technology Conference
2059	36th International Symposium on Multiple-Valued Logic (ISMVL'06)
2060	37th Annual IEEE/IFIP International Conference on Dependable Systems and Networks (DSN'07)
2061	37th International Symposium on Multiple-Valued Logic (ISMVL'07)
2062	38th Annual 2004 International Carnahan Conference on Security Technology, 2004.
2063	38th IAS Annual Meeting on Conference Record of the Industry Applications Conference, 2003.
2064	38th International Symposium on Multiple Valued Logic (ismvl 2008)
2065	3rd World Conference on Photovoltaic Energy Conversion, 2003. Proceedings of
2066	40th Annual Symposium on Foundations of Computer Science (Cat. No.99CB37039)
2067	41st North American Power Symposium
2068	42nd IEEE International Conference on Decision and Control (IEEE Cat. No.03CH37475)
2069	42nd Midwest Symposium on Circuits and Systems (Cat. No.99CH36356)
2070	43rd Annual 2009 International Carnahan Conference on Security Technology
2071	44th Annual 2010 IEEE International Carnahan Conference on Security Technology
2072	44th Annual IEEE Symposium on Foundations of Computer Science, 2003. Proceedings.
2073	45th Annual IEEE Symposium on Foundations of Computer Science
2074	45th Southeastern Symposium on System Theory
2075	46th Annual IEEE Symposium on Foundations of Computer Science (FOCS'05)
2076	48th Annual IEEE Symposium on Foundations of Computer Science (FOCS'07)

2077	48th IEEE Industrial & Commercial Power Systems Conference
2078	48th Midwest Symposium on Circuits and Systems, 2005.
2079	49th IEEE Conference on Decision and Control (CDC)
2080	49th IEEE/IAS Industrial & Commercial Power Systems Technical Conference
2081	4th IEEE Conference on Nanotechnology, 2004.
2082	52nd Electronic Components and Technology Conference 2002. (Cat. No.02CH37345)
2083	52nd IEEE Conference on Decision and Control
2084	53rd Electronic Components and Technology Conference, 2003. Proceedings.
2085	53rd IEEE Conference on Decision and Control
2086	56th Electronic Components and Technology Conference 2006
2087	5th IEEE Conference on Nanotechnology, 2005.
2088	6th International Bhurban Conference on Applied Sciences & Technology
2089	A Unifying Discipline for Melting the Boundaries Technology Management:
2090	Acoustics, Speech, and Signal Processing (ICASSP), International Conference on
2091	Adaptive Science & Technology (ICAST), International Conference on
2092	Advanced Issues of E-Commerce and Web-Based Information Systems (WECWIS), International Workshop on
2093	Advanced Networks and Telecommunication Systems (ANTS), International Symposium on
2094	Advanced Packaging and Systems Symposium, EDAPS. Electrical Design of
2095	Advanced Robotics and its Social Impacts, ARSO, IEEE Workshop on
2096	Advanced Semiconductor Devices and Microsystems (ASDAM), International Conference on
2097	Advanced Semiconductor Manufacturing Conference and Workshop, 2003 IEEEI/SEMI
2098	Advanced Semiconductor Manufacturing, IEEE/SEMI Conference and Workshop
2099	Advancements in Nuclear Instrumentation Measurement Methods and their Applications (ANIMMA), International Conference on
2100	Aerospace , IEEE Conference
2101	Aerospace and Electronics (NAECON), IEEE National Conference
2102	AFRICON 2007
2103	AFRICON 2009
2104	AFRICON 2015
2105	AFRICON Conference
2106	American Control Conference (ACC)
2107	Annual Reliability and Maintainability Symposium, 2003.
2108	Annual Reliability and Maintainability Symposium, 2005. Proceedings.
2109	Annual Reliability and Maintainability Symposium. 1998 Proceedings. International Symposium on Product Quality and Integrity
2110	Annual Reliability and Maintainability Symposium. 2000 Proceedings. International Symposium on Product Quality and Integrity (Cat. No.00CH37055)
2111	Annual Reliability and Maintainability Symposium. 2001 Proceedings. International Symposium on Product Quality and Integrity (Cat. No.01CH37179)
2112	Annual Reliability and Maintainability Symposium. 2002 Proceedings (Cat. No.02CH37318)
2113	Annual Reliability and Maintainability. Symposium. 1999 Proceedings (Cat. No.99CH36283)
2114	Annual Report Conference on Electrical Insulation and Dielectric Phenomena
2115	Annual Symposium Reliability and Maintainability, 2004 - RAMS

2116	Annual Technical Conference, IEEE Region 5
2117	Antenna Technology and Applied Electromagnetics and the Canadian Radio Science Meeting, ANTEM/URSI, International Symposium on
2118	Antennas and Propagation Society International Symposium
2119	APEC '98 Thirteenth Annual Applied Power Electronics Conference and Exposition
2120	APEC '99. Fourteenth Annual Applied Power Electronics Conference and Exposition. 1999 Conference Proceedings (Cat. No.99CH36285)
2121	APEC 07 - Twenty-Second Annual IEEE Applied Power Electronics Conference and Exposition
2122	APEC 2000. Fifteenth Annual IEEE Applied Power Electronics Conference and Exposition (Cat. No.00CH37058)
2123	APEC 2001. Sixteenth Annual IEEE Applied Power Electronics Conference and Exposition (Cat. No.01CH37181)
2124	APEC. Seventeenth Annual IEEE Applied Power Electronics Conference and Exposition (Cat. No.02CH37335)
2125	Application Specific Systems (ASAP), Architectures and Processors, International Conference on
2126	Applications of Computer Vision (WACV), IEEE Workshop on
2127	Applications of Ferroelectrics (ISAF), IEEE International Symposium on
2128	Applied Electromagnetics Conference (AEMC), IEEE
2129	Applied Imagery Pattern Recognition Workshop (AIPR)
2130	Applied Power Electronics Conference and Exposition (APEC), Annual IEEE Conference
2131	Applied Sciences & Technology, IBCAST, International Bhurban Conference on
2132	ARFTG Conference
2133	Artificial Intelligence and Computational Intelligence (AICI), International Conference on
2134	Asian Language Processing (IALP), International Conference on
2135	ASIC, International Conference on
2136	ASIC, 2003. Proceedings. 5th International Conference on
2137	ASMC 2013 SEMI Advanced Semiconductor Manufacturing Conference
2138	ASME/IEEE Joint Rail Conference, 2004. Proceedings of the 2004
2139	ASME/IEEE Joint Railroad Conference
2140	Automated Software Engineering (ASE), IEEE International Conference
2141	Autonomous Underwater Vehicle Technology (AUV), Symposium on
2142	AUTOTESTCON, International Automatic Testing Conference
2143	Baltic International Symposium, IEEE/OES US/EU
2144	Bio-inspired, Learning, and Intelligent Systems for Security (BLISS), ECSIS Symposium on
2145	Bioengineering Conference, Annual Northeast
2146	Biometrics, Identity and Security (BIDS), International Conference on
2147	Bipolar/BiCMOS Circuits and Technology Meeting
2148	Bipolar/BiCMOS Circuits and Technology, 2004. Proceedings of the 2004 Meeting
2149	Broadband Multimedia Systems and Broadcasting (BMSB), IEEE International Symposium on
2150	Canadian Conference on Electrical and Computer Engineering 2004 (IEEE Cat. No.04CH37513)
2151	Canadian Conference on Electrical and Computer Engineering, 2005.
2152	CCECE 2003 - Canadian Conference on Electrical and Computer Engineering. Toward a Caring and Humane Technology (Cat. No.03CH37436)

2153	CCECE 2010
2154	CEIDP '05. 2005 Annual Report Conference on Electrical Insulation and Dielectric Phenomena, 2005.
2155	Cement Industry Technical Conference, 2003. Conference Record. IEEE-IAS/PCA 2003
2156	Cement Industry, IEEE Technical Conference
2157	Circuits and Systems (ISCAS), IEEE International Symposium on
2158	Circuits and Systems (MWSCAS), Midwest Symposium on
2159	Circuits and Systems Workshop (DCAS), Proceedings of the IEEE Dallas
2160	CLEO/Europe - EQEC 2009 - European Conference on Lasers and Electro-Optics and the European Quantum Electronics Conference
2161	CLEO/QELS: 2010 Laser Science to Photonic Applications
2162	CLEO: 2011 - Laser Science to Photonic Applications
2163	CLEO: 2013
2164	Cluster Computing and the Grid (CCGRID), IEEE/ACM International Symposium
2165	Collection of Technical Papers. 35th Intersociety Energy Conversion Engineering Conference and Exhibit (IECEC) (Cat. No.00CH37022)
2166	Communication, Control, and Computing, Annual Allerton Conference on
2167	Communications (ICC), IEEE International Conference on
2168	Communications and Photonics Conference and Exhibition (ACP), Asia
2169	Communications, Computers and Signal Processing, IEEE Pacific Rim Conference on
2170	Compound Semiconductor Integrated Circuit (CSICS), IEEE Symposium on
2171	Computational Advances in Multi-Sensor Adaptive Processing (CAMSAP), IEEE International Workshop on
2172	Computational Complexity, Annual IEEE Conference on
2173	Computational Cybernetics (ICCC), International Conference on
2174	Computational Intelligence and Industrial Application, PACIIA, Pacific-Asia Workshop on
2175	Computational Intelligence and Security, International Conference on
2176	Computational Intelligence in Robotics and Automation (CIRA), IEEE International Symposium on
2177	Computational Modeling (MCSUL), Southern Conference on
2178	Computational Photography (ICCP), IEEE International Conference on
2179	Computer and Communications Security (ICCCS), International Conference on
2180	Computer and Information Technology (ICCIT), International Conference on
2181	Computer Architecture, ISCA, Annual International Symposium on
2182	Computer Arithmetic, Symposium on (ARITH)
2183	Computer Design: VLSI in Computers and Processors, (ICCD), IEEE International Conference on
2184	Computer Graphics and Image Processing (SIBGRAPI TUTORIALS), Tutorials of the Brazilian Symposium on
2185	Computer Graphics and Image Processing (SIBGRAPI), Brazilian Symposium on
2186	Computer Graphics, Spring Conference on
2187	Computer Languages, International Conference on
2188	Computer Network Defense, EC2ND, European Conference on
2189	Computer Science (ENC), Mexican International Conference on
2190	Computer Science and Engineering (WCSE), International Workshop on
2191	Computer Science and its Applications, CSA, International Symposium on

2192	Computer Science Society (SCCC), International Conference Chilean
2193	Computer Science-Technology and Applications (IFCSTA), International Forum on
2194	Computer Security Applications Conference, Annual
2195	Computer Software and Applications Conference (COMPSAC), IEEE Annual International
2196	Computer Supported Cooperative Work in Design, International Conference on
2197	Computer Systems and Applications, ACS/IEEE International Conference on
2198	Computer Vision (ICCV), International Conference on
2199	Computer Vision and Pattern Recognition (CVPR), Conference on
2200	Computer Vision and Pattern Recognition Workshops (CVPRW), IEEE Computer Society Conference on
2201	Computer Vision Workshops (ICCV Workshops), International Conference on
2202	Computer-Aided Design, IEEE International Conference on
2203	Computer-Based Medical Systems, Annual IEEE Symposium on
2204	Computers and Devices for Communication (CODEC), International Conference on
2205	Computers in Cardiology
2206	Computers in Cardiology (CinC)
2207	Computers in Cardiology 1998. Vol. 25 (Cat. No.98CH36292)
2208	Computers in Cardiology 1999. Vol.26 (Cat. No.99CH37004)
2209	Computers in Cardiology 2000. Vol.27 (Cat. 00CH37163)
2210	Computers in Cardiology 2001. Vol.28 (Cat. No.01CH37287)
2211	Computers in Cardiology, 2003
2212	Computers in Cardiology, 2004
2213	Computers in Cardiology, 2005
2214	Computing in Cardiology 2013
2215	Computing in Cardiology 2014
2216	Conduction and Breakdown in Dielectric Liquids, International Conference on
2217	Conduction and Breakdown in Solid Dielectrics, International Conference on
2218	Conference Digest Conference on Precision Electromagnetic Measurements
2219	Conference Digest. 2000 IEEE 17th International Semiconductor Laser Conference. (Cat. No.00CH37092)
2220	Conference Digest. ISLC 1998 NARA. 1998 IEEE 16th International Semiconductor Laser Conference (Cat. No. 98CH361130)
2221	Conference on Lasers and Electro-Optics (CLEO 2000). Technical Digest. Postconference Edition. TOPS Vol.39 (IEEE Cat. No.00CH37088)
2222	Conference on Lasers and Electro-Optics, 2003. CLEO '03.
2223	Conference on Lasers and Electro-Optics, 2004. (CLEO).
2224	Conference on Millimeter - Wave and Terahertz Technologies (MMWaTT)
2225	Conference on Precision Electromagnetic Measurements. Conference Digest. CPEM 2000 (Cat. No.00CH37031)
2226	Conference Proceedings of the 2000 IEEE International Performance, Computing, and Communications Conference (Cat. No.00CH37086)
2227	Conference Proceedings of the 2001 IEEE International Performance, Computing, and Communications Conference (Cat. No.01CH37210)

2228	Conference Proceedings of the 2003 IEEE International Performance, Computing, and Communications Conference, 2003.
2229	Conference Proceedings of the IEEE International Performance, Computing, and Communications Conference (Cat. No.02CH37326)
2230	Conference Proceedings. 14th Indium Phosphide and Related Materials Conference (Cat. No.02CH37307)
2231	Conference Proceedings. 1998 International Conference on Indium Phosphide and Related Materials (Cat. No.98CH36129)
2232	Conference Proceedings. 2000 International Conference on Indium Phosphide and Related Materials (Cat. No.00CH37107)
2233	Conference Proceedings. 2001 International Conference on Indium Phosphide and Related Materials. 13th IPRM (Cat. No.01CH37198)
2234	Conference Proceedings. Eleventh International Conference on Indium Phosphide and Related Materials (IPRM'99) (Cat. No.99CH36362)
2235	Conference Proceedings. LEOS'98. 11th Annual Meeting. IEEE Lasers and Electro-Optics Society 1998 Annual Meeting (Cat. No.98CH36243)
2236	Conference Record 2002 IEEE International Symposium on Electronics and the Environment (Cat. No.02CH37273)
2237	Conference Record 2009 IEEE Industrial & Commercial Power Systems Technical Conference
2238	Conference Record Cement Industry Technical Conference, 2005.
2239	Conference Record of 1998 Annual Pulp and Paper Industry Technical Conference (Cat. No.98CH36219)
2240	Conference Record of 1998 IEEE Industry Applications Conference. Thirty-Third IAS Annual Meeting (Cat. No.98CH36242)
2241	Conference Record of 1999 Annual Pulp and Paper Industry Technical Conference (Cat. No.99CH36338)
2242	Conference Record of 2000 Annual Pulp and Paper Industry Technical Conference (Cat. No.00CH37111)
2243	Conference Record of 2001 Annual Pulp and Paper Industry Technical Conference (Cat. No.01CH37209)
2244	Conference Record of 2004 Annual Pulp and Paper Industry Technical Conference (IEEE Cat. No.04CH37523)
2245	Conference Record of 2005 Annual Pulp and Paper Industry Technical Conference, 2005.
2246	Conference Record of 2006 Annual Pulp and Paper Industry Technical Conference
2247	Conference Record of 2007 Annual Pulp and Paper Industry Technical Conference
2248	Conference Record of 2008 54th Annual Pulp and Paper Industry Technical Conference
2249	Conference Record of 2009 Annual Pulp and Paper Industry Technical Conference
2250	Conference Record of 2010 Annual Pulp & Paper Industry Technical Conference
2251	Conference Record of 2012 Annual IEEE Pulp and Paper Industry Technical Conference (PPIC)
2252	Conference Record of 2013 Annual IEEE Pulp and Paper Industry Technical Conference (PPIC)
2253	Conference Record of 2014 Annual Pulp and Paper Industry Technical Conference
2254	Conference Record of the 1998 IEEE International Symposium on Electrical Insulation (Cat. No.98CH36239)

2255	Conference Record of the 1999 IEEE Industry Applications Conference. Thirty-Forth IAS Annual Meeting (Cat. No.99CH36370)
2256	Conference Record of the 2000 IEEE Industry Applications Conference. Thirty-Fifth IAS Annual Meeting and World Conference on Industrial Applications of Electrical Energy (Cat. No.00CH37129)
2257	Conference Record of the 2000 IEEE International Symposium on Electrical Insulation (Cat. No.00CH37075)
2258	Conference Record of the 2000 Twenty-fourth International Power Modulator Symposium
2259	Conference Record of the 2001 IEEE Industry Applications Conference. 36th IAS Annual Meeting (Cat. No.01CH37248)
2260	Conference Record of the 2002 Annual Pulp and Paper Industry Technical Conference (Cat. No.02CH37352)
2261	Conference Record of the 2002 IEEE Industry Applications Conference. 37th IAS Annual Meeting (Cat. No.02CH37344)
2262	Conference Record of the 2003 Annual Pulp and Paper Industry Technical Conference, 2003.
2263	Conference Record of the 2004 IEEE Industry Applications Conference, 2004. 39th IAS Annual Meeting.
2264	Conference Record of the 2004 IEEE International Symposium on Electrical Insulation
2265	Conference Record of the 2006 IEEE Industry Applications Conference Forty-First IAS Annual Meeting
2266	Conference Record of the 2006 IEEE International Symposium on Electrical Insulation
2267	Conference Record of the 2006 Twenty-Seventh International Power Modulator Symposium
2268	Conference Record of the 2008 IEEE International Symposium on Electrical Insulation
2269	Conference Record of the the 2002 IEEE International Symposium on Electrical Insulation (Cat. No.02CH37316)
2270	Conference Record of the Thirty-Eighth Asilomar Conference on Signals, Systems and Computers, 2004.
2271	Conference Record of the Thirty-first IEEE Photovoltaic Specialists Conference, 2005.
2272	Conference Record of the Thirty-Fourth Asilomar Conference on Signals, Systems and Computers (Cat. No.00CH37154)
2273	Conference Record of the Thirty-Ninth Asilomar Conference on Signals, Systems and Computers, 2005.
2274	Conference Record of the Thirty-Sixth Asilomar Conference on Signals, Systems and Computers, 2002.
2275	Conference Record of the Thirty-Third Asilomar Conference on Signals, Systems, and Computers (Cat. No.CH37020)
2276	Conference Record of the Twenty-Eighth IEEE Photovoltaic Specialists Conference - 2000 (Cat. No.00CH37036)
2277	Conference Record of the Twenty-Fifth International Power Modulator Symposium, 2002 and 2002 High-Voltage Workshop.
2278	Conference Record of the Twenty-Ninth IEEE Photovoltaic Specialists Conference, 2002.
2279	Conference Record of the Twenty-Sixth International Power Modulator Symposium, 2004 and 2004 High-Voltage Workshop.

2280	Conference Record of the Twenty-Third International Power Modulator Symposium (Cat. No. 98CH36133)
2281	Conference Record of Thirty-Fifth Asilomar Conference on Signals, Systems and Computers (Cat.No.01CH37256)
2282	Conference Record of Thirty-Second Asilomar Conference on Signals, Systems and Computers (Cat. No.98CH36284)
2283	Conference, 2004 IEEE Industrial and Commercial Power Systems Technical
2284	Consumer Electronics (ICCE), IEEE International Conference on
2285	Control Applications (CCA), IEEE Conference on
2286	CPEM 2010
2287	Current Measurement (CMTC), Working Conference on
2288	Current Trends in Information Technology (CTIT), International Conference on the
2289	Current, Waves and Turbulence Measurement (CWTM), IEEE/OES
2290	Custom Integrated Circuits Conference (CICC)
2291	CVPR 2011
2292	DAC Design Automation Conference 2012
2293	Data Engineering, International Conference on
2294	Data Mining (ICDM), IEEE International Conference on
2295	Database Engineering and Applications (IDEAS), International Symposium
2296	Day on Diffraction, International Seminar
2297	Decision and Control, IEEE Conference on
2298	Defect and Fault Tolerance in VLSI Systems (DFT), IEEE International Symposium on
2299	Dependable Systems and Networks (DSN), International Conference on
2300	Dependable, Autonomic and Secure Computing (DASC), IEEE International Symposium on
2301	Design & Test Symposium (EWDTS), East-West
2302	Design and Technology of Electronics Packages (SIITME), International Symposium for
2303	Design and Test Workshop, International
2304	Design Automation Conference
2305	Design Automation Conference
2306	Developments in eSystems Engineering (DESE), International Conference on
2307	Developments in Renewable Energy Technology (ICDRET), International Conference on
2308	Digest of Papers. Twenty-Eighth Annual International Symposium on Fault-Tolerant Computing (Cat. No.98CB36224)
2309	Digest of Papers. Twenty-Ninth Annual International Symposium on Fault-Tolerant Computing (Cat. No.99CB36352)
2310	Digest of Technical Papers. 12th IEEE International Pulsed Power Conference. (Cat. No.99CH36358)
2311	Digest of Technical Papers. 2004 Symposium on VLSI Technology, 2004.
2312	Digest of Technical Papers. 2005 Symposium on VLSI Circuits, 2005.
2313	Digest of Technical Papers. 2005 Symposium on VLSI Technology, 2005.
2314	Digest of Technical Papers. PPC-2003. 14th IEEE International Pulsed Power Conference (IEEE Cat. No.03CH37472)
2315	Digest. International Electron Devices Meeting,
2316	Digital Avionics Systems (DASC), Conference

2317	Digital Image Computing: Techniques and Applications (DICTA), Proceedings
2318	Digital Libraries: Research and Practice, Kyoto International Conference on.
2319	Discharges and Electrical Insulation in Vacuum, International Symposium on
2320	Distributed Computing Systems Workshop, International Conference on
2321	Distributed Computing Systems, IEEE Workshop on Future Trends of
2322	Distributed Computing Systems, International Conference on
2323	Distributed Simulation and Real-Time Applications (DS-RT), International Workshop/Symposium on
2324	e-health Networking, Applications and Services (HealthCom), International Conference on
2325	E-Learning in Industrial Electronics, ICELIE, IEEE International Conference on
2326	e-Manufacturing and Design Collaboration Symposium (eMDC) & International Symposium on Semiconductor Manufacturing (ISSM), Joint
2327	e-Science and Grid Computing, IEEE International Conference on
2328	E-Science Workshops, IEEE International Conference on
2329	Education Technology and Training, and International Workshop on Geoscience and Remote Sensing. ETT and GRS. International
2330	Eighteenth Annual IEEE Applied Power Electronics Conference and Exposition, 2003. APEC '03.
2331	Eighteenth Annual IEEE Semiconductor Thermal Measurement and Management Symposium. Proceedings 2002 (Cat.No.02CH37311)
2332	Electrets (ISI), International Symposium on
2333	Electric Power and Energy Conversion Systems (EPECS), International Conference on
2334	Electric Power Conference, EPEC, IEEE Canada
2335	Electrical and Computer Engineering (CCECE), Canadian Conference on
2336	Electrical Contacts - 1998. Proceedings of the Forty-Fourth IEEE Holm Conference on Electrical Contacts (Cat. No.98CB36238)
2337	Electrical Contacts - 1999. Proceedings of the Forty-Fifth IEEE Holm Conference on Electrical Contacts (Cat. No.99CB36343)
2338	Electrical Contacts - 2000. Proceedings of the Forty-Sixth IEEE Holm Conference on Electrical Contacts (Cat. No.00CB37081)
2339	Electrical Contacts - 2006. Proceedings of the 52nd IEEE Holm Conference on Electrical Contacts
2340	Electrical Contacts - 2007 Proceedings of the 53rd IEEE Holm Conference on Electrical Contacts
2341	Electrical Contacts, IEEE Holm Conference on
2342	Electrical Insulation and Dielectric Phenomena, (CEIDP) Conference on
2343	Electrical Insulation Conference (EIC)
2344	Electrical Insulation, IEEE International Symposium on
2345	Electrical Performance of Electronic Packaging (EPEPS), IEEE Topical Meeting on
2346	Electro
2347	Electromagnetic Compatibility (EMC), IEEE International Symposium on
2348	Electromagnetic Interference and Compatibility, International Conference on
2349	Electron Devices Meeting (IEDM), International
2350	Electronic Components and Technology Conference (ECTC)
2351	Electronics and the Environment, IEEE International Symposium on
2352	Electronics Manufacturing Technology Symposium, IEEE/CHMT(CPMT) International
2353	Electronics Packaging Technology Conference (EPTC)

2354	Electronics, Circuits and Systems (ICECS), IEEE International Conference on
2355	Electrotechnical Conference (MELECON), Mediterranean
2356	Embedded and Multimedia Computing (EM-Com), International Conference on
2357	Emerging Trends in Electronic and Photonic Devices & Systems (ELECTRO), International Conference on
2358	Emerging Trends in Engineering and Technology, ICETET, International Conference on
2359	Energy and Environment (ICEE), International Conference on
2360	Energy Conversion Engineering (IECEC), Intersociety Conference
2361	Engineering and Technology Management (IEMC), International Conference on
2362	Engineering Education (ICEED), International Conference on
2363	Engineering in Medicine and Biology Society (EMBC), Annual International Conference of the IEEE
2364	Engineering Management (EMC), IEEE International Conference
2365	Engineering Management Society, Proceedings of the IEEE
2366	Enterprise Distributed Object Computing, EDOCW, International Workshop
2367	Environmental and Computer Science (ICECS), International Conference on
2368	ESMO '98 - 1998 IEEE 8th International Conference on Transmission and Distribution Construction, Operation and Live-Line Maintenance Proceedings ESMO '98 Proceedings. ESMO 98 The Power is in Your Hand
2369	ESMO 2006 - 2006 IEEE 11th International Conference on Transmission & Distribution Construction, Operation and Live-Line Maintenance
2370	Eurocon
2371	EUROCON'2001. International Conference on Trends in Communications. Technical Program, Proceedings (Cat. No.01EX439)
2372	Fault Diagnosis and Tolerance in Cryptography (FDTC), Workshop on
2373	Fault-Tolerant Computing (FTCS), International Symposium on
2374	FIE '98. 28th Annual Frontiers in Education Conference. Moving from 'Teacher-Centered' to 'Learner-Centered' Education. Conference Proceedings (Cat. No.98CH36214)
2375	FIE'99 Frontiers in Education. 29th Annual Frontiers in Education Conference. Designing the Future of Science and Engineering Education. Conference Proceedings (IEEE Cat. No.99CH37011)
2376	Fifteenth Annual IEEE Semiconductor Thermal Measurement and Management Symposium (Cat. No.99CH36306)
2377	Fifth IEEE International Workshop on Distributed Simulation and Real-Time Applications, DS-RT 2001.
2378	Fifty-First Annual Conference 2004 Petroleum and Chemical Industry Technical Conference, 2004.
2379	First International Technology Management Conference
2380	Formal Methods (SEEFM), South-East European Workshop on
2381	Foundations of Computer Science, Annual IEEE Symposium on
2382	Fourteenth Annual IEEE Semiconductor Thermal Measurement and Management Symposium (Cat. No.98CH36195)
2383	Fourteenth Intersociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems (ITherm)
2384	Fourth IEEE International Symposium on Object-Oriented Real-Time Distributed Computing. ISORC 2001

2385	Fourtieth IAS Annual Meeting. Conference Record of the 2005 Industry Applications Conference, 2005.
2386	Frequency Control Symposium, IEEE International
2387	Frontier of Computer Science and Technology (FCST), Japan-China Joint Workshop on
2388	Frontiers in Education (FIE) Conference
2389	Fusion Engineering, IEEE/NPSS Symposium on
2390	Future BioMedical Information Engineering, FBIE, International Seminar on
2391	Future Information Technology and Management Engineering, FITME, International Seminar on
2392	FUZZ-IEEE'99. 1999 IEEE International Fuzzy Systems. Conference Proceedings (Cat. No.99CH36315)
2393	Fuzzy Systems (FUZZ-IEEE), IEEE International Conference
2394	Fuzzy Systems and Knowledge Discovery (FSKD), International Conference on
2395	GaAs IC Symposium. IEEE Gallium Arsenide Integrated Circuit Symposium. 20th Annual. Technical Digest 1998 (Cat. No.98CH36260)
2396	GaAs IC Symposium. IEEE Gallium Arsenide Integrated Circuit Symposium. 21st Annual. Technical Digest 1999 (Cat. No.99CH36369)
2397	GaAs IC Symposium. IEEE Gallium Arsenide Integrated Circuit Symposium. 23rd Annual Technical Digest 2001 (Cat. No.01CH37191)
2398	GaAs IC Symposium. IEEE Gallium Arsenide Integrated Circuits Symposium. 22nd Annual Technical Digest 2000. (Cat. No.00CH37084)
2399	Gallium Arsenide Integrated Circuit (GaAs IC), Annual IEEE Symposium
2400	Games and Digital Entertainment (SBGAMES), Brazilian Symposium on
2401	Gateway to 21st Century Communications Village. VTC 1999-Fall. IEEE VTS 50th Vehicular Technology Conference (Cat. No.99CH36324)
2402	Gateway to the New Millennium. 18th Digital Avionics Systems Conference. Proceedings (Cat. No.99CH37033)
2403	GCC Conference & Exhibition, IEEE
2404	Genetic and Evolutionary Computing (WGEC), International Conference on
2405	Geoscience and Remote Sensing (IGARSS), IEEE International Symposium
2406	Global Telecommunications (GLOBECOM), IEEE Conference and Exhibition.
2407	Global Telecommunications Conference, 2002. GLOBECOM '02. IEEE
2408	Globecom '00 - IEEE. Global Telecommunications Conference. Conference Record (Cat. No.00CH37137)
2409	GLOBECOM '03. IEEE Global Telecommunications Conference (IEEE Cat. No.03CH37489)
2410	GLOBECOM '05. IEEE Global Telecommunications Conference, 2005.
2411	GLOBECOM 2009 - 2009 IEEE Global Telecommunications Conference
2412	GLOBECOM 2017 - 2017 IEEE Global Communications Conference
2413	GLOBECOM 2020 - 2020 IEEE Global Communications Conference
2414	GLOBECOM'01. IEEE Global Telecommunications Conference (Cat. No.01CH37270)
2415	Grey Systems and Intelligent Services (GSIS), IEEE International Conference on
2416	Hardware/Software Codesign (CODES), International Workshop on
2417	Heterogeneous Computing Workshop
2418	High Capacity Optical Networks and Enabling Technologies, HONET, International Symposium on

2419	High Performance Computing, International Conference on
2420	High Performance Devices, IEEE Conference on
2421	High-Performance Computer Architecture, IEEE Symposium on
2422	HOT 9 Interconnects. Symposium on High Performance Interconnects
2423	Hot Interconnects
2424	Human Factors and Power Plants, IEEE Conference on
2425	IC/Package Design Integration, Proceedings. IEEE Symposium on
2426	ICASSP 2019 - 2019 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)
2427	ICASSP 2020 - 2020 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)
2428	ICC '98. 1998 IEEE International Conference on Communications. Conference Record. Affiliated with SUPERCOMM'98 (Cat. No.98CH36220)
2429	ICC 2001. IEEE International Conference on Communications. Conference Record (Cat. No.01CH37240)
2430	ICC 2019 - 2019 IEEE International Conference on Communications (ICC)
2431	ICC 2020 - 2020 IEEE International Conference on Communications (ICC)
2432	ICCAD-2003. International Conference on Computer Aided Design (IEEE Cat. No.03CH37486)
2433	ICCAD-2005. IEEE/ACM International Conference on Computer-Aided Design, 2005.
2434	ICCE. International Conference on Consumer Electronics (IEEE Cat. No.01CH37182)
2435	ICIASF 2001 Record, 19th International Congress on Instrumentation in Aerospace Simulation Facilities (Cat. No.01CH37215)
2436	ICIASF 2005 Record International Congress on Instrumentation in Aerospace Simulation Facilities
2437	ICIASF 99. 18th International Congress on Instrumentation in Aerospace Simulation Facilities. Record (Cat. No.99CH37025)
2438	ICMTS 1998. Proceedings of 1998 International Conference on Microelectronic Test Structures (Cat. No.98CH36157)
2439	ICMTS 1999. Proceedings of 1999 International Conference on Microelectronic Test Structures (Cat. No.99CH36307)
2440	ICMTS 2000. Proceedings of the 2000 International Conference on Microelectronic Test Structures (Cat. No.00CH37095)
2441	ICMTS 2001. Proceedings of the 2001 International Conference on Microelectronic Test Structures (Cat. No.01CH37153)
2442	ICOPS 2000. IEEE Conference Record - Abstracts. 27th IEEE International Conference on Plasma Science (Cat. No.00CH37087)
2443	ICSD'01. Proceedings of the 2000 IEEE 7th International Conference on Solid Dielectrics (Cat. No.01CH37117)
2444	ICSD'98. Proceedings of the 1998 IEEE 6th International Conference on Conduction and Breakdown in Solid Dielectrics (Cat. No.98CH36132)
2445	ICT and Knowledge Engineering, International Conference on
2446	IECON '98. Proceedings of the 24th Annual Conference of the IEEE Industrial Electronics Society (Cat. No.98CH36200)
2447	IECON 2006 - 32nd Annual Conference on IEEE Industrial Electronics
2448	IECON 2007 - 33rd Annual Conference of the IEEE Industrial Electronics Society

2449	IECON 2010 - 36th Annual Conference on IEEE Industrial Electronics Society
2450	IECON 2011 - 37th Annual Conference of the IEEE Industrial Electronics Society
2451	IECON 2012 - 38th Annual Conference on IEEE Industrial Electronics Society
2452	IECON 2013 - 39th Annual Conference of the IEEE Industrial Electronics Society
2453	IECON 2014 - 40th Annual Conference of the IEEE Industrial Electronics Society
2454	IECON 2015 - 41st Annual Conference of the IEEE Industrial Electronics Society
2455	IECON 2016 - 42nd Annual Conference of the IEEE Industrial Electronics Society
2456	IECON 2017 - 43rd Annual Conference of the IEEE Industrial Electronics Society
2457	IECON 2018 - 44th Annual Conference of the IEEE Industrial Electronics Society
2458	IECON 2019 - 45th Annual Conference of the IEEE Industrial Electronics Society
2459	IECON 2020 The 46th Annual Conference of the IEEE Industrial Electronics Society
2460	IECON'01. 27th Annual Conference of the IEEE Industrial Electronics Society (Cat. No.37243)
2461	IECON'03. 29th Annual Conference of the IEEE Industrial Electronics Society (IEEE Cat. No.03CH37468)
2462	IECON'99. Conference Proceedings. 25th Annual Conference of the IEEE Industrial Electronics Society (Cat. No.99CH37029)
2463	IEDM Technical Digest. IEEE International Electron Devices Meeting, 2004.
2464	IEEE 18th International Semiconductor Laser Conference
2465	IEEE 1998 Position Location and Navigation Symposium (Cat. No.98CH36153)
2466	IEEE 1999 International Geoscience and Remote Sensing Symposium. IGARSS'99 (Cat. No.99CH36293)
2467	IEEE 2000. Position Location and Navigation Symposium (Cat. No.00CH37062)
2468	IEEE 2002 28th Annual Conference of the Industrial Electronics Society. IECON 02
2469	IEEE 2002 International Symposium on Technology and Society (ISTAS'02). Social Implications of Information and Communication Technology. Proceedings (Cat. No.02CH37293)
2470	IEEE 2011 International SOI Conference
2471	IEEE 30th Annual Northeast Bioengineering Conference, 2004. Proceedings of the
2472	IEEE 34th Annual Conference on Power Electronics Specialist, 2003. PESC '03.
2473	IEEE 37th Annual 2003 International Carnahan Conference on Security Technology, 2003. Proceedings.
2474	IEEE 54th Vehicular Technology Conference. VTC Fall 2001. Proceedings (Cat. No.01CH37211)
2475	IEEE 60th Vehicular Technology Conference, 2004. VTC2004-Fall. 2004
2476	IEEE Africon '11
2477	IEEE AFRICON. 6th Africon Conference in Africa,
2478	IEEE Antennas and Propagation Society International Symposium (IEEE Cat. No.02CH37313)
2479	IEEE Antennas and Propagation Society International Symposium. 1998 Digest. Antennas: Gateways to the Global Network. Held in conjunction with: USNC/URSI National Radio Science Meeting (Cat. No.98CH36)
2480	IEEE Antennas and Propagation Society International Symposium. 1999 Digest. Held in conjunction with: USNC/URSI National Radio Science Meeting (Cat. No.99CH37010)

2481	IEEE Antennas and Propagation Society International Symposium. 2001 Digest. Held in conjunction with: USNC/URSI National Radio Science Meeting (Cat. No.01CH37229)
2482	IEEE Antennas and Propagation Society International Symposium. Digest. Held in conjunction with: USNC/CNC/URSI North American Radio Sci. Meeting (Cat. No.03CH37450)
2483	IEEE Antennas and Propagation Society International Symposium. Transmitting Waves of Progress to the Next Millennium. 2000 Digest. Held in conjunction with: USNC/URSI National Radio Science Meeting (C)
2484	IEEE Antennas and Propagation Society Symposium, 2004.
2485	IEEE Autotestcon, 2005.
2486	IEEE Cement Industry Technical Conference, 2006. Conference Record.
2487	IEEE Compound Semiconductor Integrated Circuit Symposium, 2004.
2488	IEEE Compound Semiconductor Integrated Circuit Symposium, 2005. CSIC '05.
2489	IEEE Computer Society Annual Symposium on Emerging VLSI Technologies and Architectures (ISVLSI'06)
2490	IEEE Computer Society Annual Symposium on VLSI: New Frontiers in VLSI Design (ISVLSI'05)
2491	IEEE Conference Record - Abstracts. 1999 IEEE International Conference on Plasma Science. 26th IEEE International Conference (Cat. No.99CH36297)
2492	IEEE Conference Record - Abstracts. 2002 IEEE International Conference on Plasma Science (Cat. No.02CH37340)
2493	IEEE Conference Record - Abstracts. 2005 IEEE International Conference on Plasma Science
2494	IEEE Conference Record - Abstracts. PPS-2001 Pulsed Power Plasma Science 2001. 28th IEEE International Conference on Plasma Science and 13th IEEE International Pulsed Power Conference (Cat. No.01CH37)
2495	IEEE Custom Integrated Circuits Conference 2006
2496	IEEE Custom Integrated Circuits Conference 2010
2497	IEEE European Test Workshop, 2001.
2498	IEEE Global Telecommunications Conference, 2004. GLOBECOM '04.
2499	IEEE GLOBECOM 1998 (Cat. NO. 98CH36250)
2500	IEEE Globecom 2006
2501	IEEE GLOBECOM 2007 - IEEE Global Telecommunications Conference
2502	IEEE GLOBECOM 2008 - 2008 IEEE Global Telecommunications Conference
2503	IEEE Industry Applications Society 50th Annual Petroleum and Chemical Industry Conference, 2003. Record of Conference Papers.
2504	IEEE INFOCOM '99. Conference on Computer Communications. Proceedings. Eighteenth Annual Joint Conference of the IEEE Computer and Communications Societies. The Future is Now (Cat. No.99CH36320)
2505	IEEE INFOCOM 2003. Twenty-second Annual Joint Conference of the IEEE Computer and Communications Societies (IEEE Cat. No.03CH37428)
2506	IEEE INFOCOM 2004
2507	IEEE INFOCOM 2007 - 26th IEEE International Conference on Computer Communications
2508	IEEE INFOCOM 2008 - The 27th Conference on Computer Communications
2509	IEEE INFOCOM 2009

2510	IEEE INFOCOM 2014 - IEEE Conference on Computer Communications
2511	IEEE INFOCOM 2016 - The 35th Annual IEEE International Conference on Computer Communications
2512	IEEE INFOCOM 2017 - IEEE Conference on Computer Communications
2513	IEEE INFOCOM 2018 - IEEE Conference on Computer Communications
2514	IEEE INFOCOM 2019 - IEEE Conference on Computer Communications
2515	IEEE INFOCOM 2020 - IEEE Conference on Computer Communications
2516	IEEE International Conference on Communications, 2003. ICC '03.
2517	IEEE International Conference on Communications, 2005. ICC 2005. 2005
2518	IEEE International Conference on Computer Design: VLSI in Computers and Processors, 2004. ICCD 2004. Proceedings.
2519	IEEE International Conference on Dielectric Liquids, 2005. ICDL 2005.
2520	IEEE International Conference on Image Processing 2005
2521	IEEE International Conference on Performance, Computing, and Communications, 2004
2522	IEEE International Conference on Robotics and Automation, 2004. Proceedings. ICRA '04. 2004
2523	IEEE International Conference on Systems, Man and Cybernetics
2524	IEEE International Conference on Test, 2005.
2525	IEEE International Electron Devices Meeting 2003
2526	IEEE International Engineering Management Conference
2527	IEEE International Frequency Control Symposium and PDA Exhibition Jointly with the 17th European Frequency and Time Forum, 2003. Proceedings of the 2003
2528	IEEE International Geoscience and Remote Sensing Symposium
2529	IEEE International Professional Communication Conference, 2003. IPCC 2003. Proceedings.
2530	IEEE International Professional Communication 2013 Conference
2531	IEEE International Radar Conference, 2005.
2532	IEEE international Symposium on Broadband Multimedia Systems and Broadcasting
2533	IEEE International Symposium on Electromagnetic Compatibility. Symposium Record (Cat. No.00CH37016)
2534	IEEE International Symposium on Electronics and the Environment, 2003.
2535	IEEE International Symposium on Electronics and the Environment, 2004. Conference Record. 2004
2536	IEEE International Symposium on Information Theory, 2003. Proceedings.
2537	IEEE International Electron Devices Meeting, 2005. IEDM Technical Digest.
2538	IEEE MILCOM 2004. Military Communications Conference, 2004.
2539	IEEE Military Communications Conference, 2003. MILCOM 2003.
2540	IEEE Military Communications Conference. Proceedings. MILCOM 98 (Cat. No.98CH36201)
2541	IEEE MTT-S International Microwave Symposium Digest, 2003
2542	IEEE MTT-S International Microwave Symposium Digest, 2005.
2543	IEEE Nuclear Science Symposium Conference Record, 2005
2544	IEEE Nuclear Science Symposium & Medical Imaging Conference
2545	IEEE Oceanic Engineering Society. OCEANS'98. Conference Proceedings (Cat. No.98CH36259)
2546	IEEE PES General Meeting
2547	IEEE PES T&D 2010
2548	IEEE Photonic Society 24th Annual Meeting

2549	IEEE Photonics Conference 2012
2550	IEEE Power Engineering Society General Meeting, 2004.
2551	IEEE Power Engineering Society General Meeting, 2005
2552	IEEE Power Engineering Society Summer Meeting,
2553	IEEE Power Engineering Society. 1999 Winter Meeting (Cat. No.99CH36233)
2554	IEEE Proceedings. VR 2005. Virtual Reality, 2005.
2555	IEEE Radio Frequency Integrated Circuits (RFIC) Symposium, 2003
2556	IEEE Radio Frequency Integrated Circuits (RFIC) Symposium, 2006
2557	IEEE SMC'99 Conference Proceedings. 1999 IEEE International Conference on Systems, Man, and Cybernetics (Cat. No.99CH37028)
2558	IEEE SoutheastCon 2008
2559	IEEE Southeastcon 2009
2560	IEEE SOUTHEASTCON 2014
2561	IEEE SoutheastCon, 2003. Proceedings.
2562	IEEE SoutheastCon, 2004. Proceedings.
2563	IEEE Symposium Conference Record Nuclear Science 2004.
2564	IEEE Symposium on Security and Privacy, 2004. Proceedings. 2004
2565	IEEE Symposium on Ultrasonics, 2003
2566	IEEE Systems Technical Conference on Industrial and Commercial Power 2005.
2567	IEEE Technical Conference Industrial and Commercial Power Systems
2568	IEEE Technical Conference on Industrial and Commercial Power Systems, 2003.
2569	IEEE Ultrasonics Symposium, 2004
2570	IEEE Ultrasonics Symposium, 2005.
2571	IEEE Vehicular Technology Conference
2572	IEEE Virtual Reality 2004
2573	IEEE Virtual Reality Conference (VR 2006)
2574	IEEE Virtual Reality, 2003. Proceedings.
2575	IEEE Visualization 2004
2576	IEEE Visualization, 2002. VIS 2002.
2577	IEEE Visualization, 2003. VIS 2003.
2578	IEEE VTS 53rd Vehicular Technology Conference, Spring 2001. Proceedings (Cat. No.01CH37202)
2579	IEEE-IAS/PCA 2001 Cement Industry Technical Conference. Conference Record (Cat. No.01CH37150)
2580	IEEE-IAS/PCA 2004 Cement Industry Technical Conference (IEEE Cat. No04CH37518)
2581	IEEE-IAS/PCS 2002 Cement Industry Technical Conference. Conference Record (Cat. No.02CH37282)
2582	IEEE/ACM International Conference on Computer Aided Design, 2002. ICCAD 2002.
2583	IEEE/ACM International Conference on Computer Aided Design, 2004. ICCAD-2004.
2584	IEEE/ACM International Conference on Computer Aided Design. ICCAD - 2000. IEEE/ACM Digest of Technical Papers (Cat. No.00CH37140)
2585	IEEE/ACM International Conference on Computer Aided Design. ICCAD 2001. IEEE/ACM Digest of Technical Papers (Cat. No.01CH37281)
2586	IEEE/CPMT/SEMI 28th International Electronics Manufacturing Technology Symposium, 2003. IEMT 2003.

2587	IEEE/CPMT/SEMI 29th International Electronics Manufacturing Technology Symposium (IEEE Cat. No.04CH37585)
2588	IEEE/IAS Pulp & Paper Industry Technical Paper Conference
2589	IEEE/IFIP International Conference on Dependable Systems and Networks (DSN 2012)
2590	IEEE/ION Position, Location and Navigation Symposium
2591	IEEE/LEOS International Conference on Optical MEMS and Their Applications Conference, 2006.
2592	IEEE/PES Transmission and Distribution Conference and Exhibition
2593	IEEE/RSJ International Conference on Intelligent Robots and Systems
2594	IEEE/SEMI 1998 IEEE/SEMI Advanced Semiconductor Manufacturing Conference and Workshop (Cat. No.98CH36168)
2595	IEEE/SEMI Conference and Workshop on Advanced Semiconductor Manufacturing 2005.
2596	IEMC '03 Proceedings. Managing Technologically Driven Organizations: The Human Side of Innovation and Change
2597	IEMC '98 Proceedings. International Conference on Engineering and Technology Management. Pioneering New Technologies: Management Issues and Challenges in the Third Millennium (Cat. No.98CH36266)
2598	IEMC'01 Proceedings. Change Management and the New Industrial Revolution. IEMC-2001 (Cat. No.01CH37286)
2599	IGARSS '98. Sensing and Managing the Environment. 1998 IEEE International Geoscience and Remote Sensing Symposium Proceedings. (Cat. No.98CH36174)
2600	IGARSS 2000. IEEE 2000 International Geoscience and Remote Sensing Symposium. Taking the Pulse of the Planet: The Role of Remote Sensing in Managing the Environment. Proceedings (Cat. No.00CH37120)
2601	IGARSS 2001. Scanning the Present and Resolving the Future. Proceedings. IEEE 2001 International Geoscience and Remote Sensing Symposium (Cat. No.01CH37217)
2602	IGARSS 2003. 2003 IEEE International Geoscience and Remote Sensing Symposium. Proceedings (IEEE Cat. No.03CH37477)
2603	IGARSS 2004. 2004 IEEE International Geoscience and Remote Sensing Symposium
2604	IGARSS 2008 - 2008 IEEE International Geoscience and Remote Sensing Symposium
2605	IGARSS 2018 - 2018 IEEE International Geoscience and Remote Sensing Symposium
2606	IGARSS 2019 - 2019 IEEE International Geoscience and Remote Sensing Symposium
2607	IGARSS 2020 - 2020 IEEE International Geoscience and Remote Sensing Symposium
2608	IJCNN'01. International Joint Conference on Neural Networks. Proceedings (Cat. No.01CH37222)
2609	IJCNN'99. International Joint Conference on Neural Networks. Proceedings (Cat. No.99CH36339)
2610	Image and Graphics (ICIG), International Conference on
2611	Image Processing, IEEE International Conference
2612	IMTC 2001. Proceedings of the 18th IEEE Instrumentation and Measurement Technology Conference. Rediscovering Measurement in the Age of Informatics (Cat. No.01CH 37188)
2613	IMTC/2002. Proceedings of the 19th IEEE Instrumentation and Measurement Technology Conference (IEEE Cat. No.00CH37276)
2614	IMTC/98 Conference Proceedings. IEEE Instrumentation and Measurement Technology Conference. Where Instrumentation is Going (Cat. No.98CH36222)
2615	IMTC/99. Proceedings of the 16th IEEE Instrumentation and Measurement Technology Conference (Cat. No.99CH36309)

2616	India Conference (INDICON), IEEE
2617	Indium Phosphide and Related Materials Conference,
2618	Industrial and Commercial Power Systems Technical Conference, Annual Meeting
2619	Industrial and Information Systems, ICIS, International Conference on
2620	Industrial Electronics Society, Annual Conference of
2621	Industry Applications Society 46th Annual Petroleum and Chemical Technical Conference (Cat.No. 99CH37000)
2622	Industry Applications Society 60th Annual Petroleum and Chemical Industry Conference
2623	Industry Applications Society Annual Meeting (IAS), Conference Record of the IEEE
2624	INFOCOM, IEEE Computer and Communications Societies, IEEE Annual Joint Conference
2625	Information and Communication Technologies and Development (ICTD), International Conference on
2626	Information and Communications Technology (ICICT), ITI International Conference on
2627	Information and Human Language Technology (STIL), Brazilian Symposium in
2628	Information and Multimedia Technology (ICIMT), International Conference on
2629	Information Forensics and Security (WIFS), IEEE International Workshop on
2630	Information Fusion, International Conference on
2631	Information Photonics (IP), OSA Topical Meeting on
2632	Information Science and Engineering (ICISE), International Conference on
2633	Information Science and Engineering, ISISE, International Symposium on
2634	Information Theory, IEEE International Symposium on
2635	Information, Communications and Signal Processing, International Conference on
2636	Infrastructure Systems and Services: Developing 21st Century Infrastructure Networks (INFRA), International Conference on
2637	Innovation Management (ICIM), International Conference on
2638	Innovations in Information Technology, (IIT) International Conference on
2639	Innovative Architecture for Future Generation High-Performance Processors and Systems (IWIA), International Workshop on
2640	Innovative Computing, Information and Control (ICICIC), International Conference on
2641	Instrumentation and Measurement Technology Conference, (I2MTC), IEEE
2642	Instrumentation in Aerospace Simulation Facilities, International Congress on
2643	Instrumentation, Communications, Information Technology, and Biomedical Engineering (ICICI-BME), International Conference on
2644	Integrated Circuits (ISIC), International Symposium on
2645	Integrated Circuits and Systems Design (SBCCI), Symposium on
2646	INTELEC - Twentieth International Telecommunications Energy Conference (Cat. No.98CH36263)
2647	INTELEC 05 - Twenty-Seventh International Telecommunications Conference
2648	INTELEC 06 - Twenty-Eighth International Telecommunications Energy Conference
2649	INTELEC 07 - 29th International Telecommunications Energy Conference
2650	INTELEC 2004. 26th Annual International Telecommunications Energy Conference
2651	INTELEC 2008 - 2008 IEEE 30th International Telecommunications Energy Conference
2652	INTELEC 2009 - 31st International Telecommunications Energy Conference
2653	Intelec 2010

2654	Intelec 2012
2655	INTELEC. Twenty-Second International Telecommunications Energy Conference (Cat. No.00CH37131)
2656	Intelligent Control (ISIC), IEEE International Symposium on
2657	Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications, IEEE International Workshop on
2658	Intelligent Information Technology Application, Workshop on
2659	Intelligent Interaction and Affective Computing (ASIA), International Asia Symposium on
2660	Intelligent Robots and Systems (IROS), IEEE International Workshop on
2661	Intelligent Sensors, Sensor Networks and Information Processing Conference (ISSNIP)
2662	Intelligent Transportation, International Conference on
2663	Intelligent Vehicle, IEEE Symposium
2664	International 1998 Conference on Consumer Electronics
2665	International Conference on Dependable Systems and Networks (DSN'06)
2666	International Conference on Dependable Systems and Networks, 2004
2667	International Conference on Fuzzy Systems
2668	International Conference on Indium Phosphide and Related Materials, 2005
2669	International Conference on Instrumentation, Communication, Information Technology, and Biomedical Engineering 2009
2670	International Conference on Microelectronic Test Structures, 2003.
2671	International Conference on Parallel Processing, 2001.
2672	International Conference on Software Maintenance, 2002. Proceedings.
2673	International Conference on Software Maintenance, 2003. ICSM 2003. Proceedings.
2674	International Conference on Indium Phosphide and Related Materials, 2003.
2675	International Electron Devices Meeting 1998. Technical Digest (Cat. No.98CH36217)
2676	International Electron Devices Meeting 1999. Technical Digest (Cat. No.99CH36318)
2677	International Electron Devices Meeting 2000. Technical Digest. IEDM (Cat. No.00CH37138)
2678	International Electron Devices Meeting. Technical Digest (Cat. No.01CH37224)
2679	International Performance Computing and Communications Conference
2680	International Professional Communication Conference, 2004. IPCC 2004. Proceedings.
2681	International Quantum Electronics Conference, 2005.
2682	International Symposium on Parallel Computing in Electrical Engineering (PARELEC'06)
2683	International Symposium on Information Theory, 2004. ISIT 2004. Proceedings.
2684	International Technology Management Conference
2685	International Test Conference 1999. Proceedings (IEEE Cat. No.99CH37034)
2686	International Test Conference, 2003. Proceedings. ITC 2003.
2687	International Quantum Electronics Conference, 2004. (IQEC).
2688	Internet Computing in Science and Engineering (ICICSE), International Conference on
2689	Internet Multimedia Services Architecture and Applications, IMSAA, International Conference on
2690	Internet Technology and Secured Transactions (ICITST), International Conference for
2691	Ion Implantation Technology Proceedings, International Conference on
2692	IPCC 2001. Communication Dimensions. Proceedings IEEE International Professional Communication Conference (Cat. No.01CH37271)

2693	IPCC 2005. Proceedings. International Professional Communication Conference, 2005.
2694	IPCC 98. Contemporary Renaissance: Changing the Way we Communicate. Proceedings 1998 IEEE International Professional Communication Conference (Cat. No.98CH36332)
2695	IPCC 99. Communication Jazz: Improvising the New International Communication Culture. Proceedings 1999 IEEE International Professional Communication Conference (Cat. No.99CH37023)
2696	IPRM 2011 - 23rd International Conference on Indium Phosphide and Related Materials
2697	ISAF 1998. Proceedings of the Eleventh IEEE International Symposium on Applications of Ferroelectrics (Cat. No.98CH36245)
2698	ISAF 2000. Proceedings of the 2000 12th IEEE International Symposium on Applications of Ferroelectrics (IEEE Cat. No.00CH37076)
2699	ISCAS 2001. The 2001 IEEE International Symposium on Circuits and Systems (Cat. No.01CH37196)
2700	ISLC 2012 International Semiconductor Laser Conference
2701	ISLPED'01: Proceedings of the 2001 International Symposium on Low Power Electronics and Design (IEEE Cat. No.01TH8581)
2702	ISPSD '03. 2003 IEEE 15th International Symposium on Power Semiconductor Devices and ICs, 2003. Proceedings.
2703	ISSCC. 2005 IEEE International Digest of Technical Papers. Solid-State Circuits Conference, 2005.
2704	ISSM 2005, IEEE International Symposium on Semiconductor Manufacturing, 2005.
2705	ISTAS 98. Wiring the World: The Impact of Information Technology on Society. Proceedings of the 1998 International Symposium on Technology and Society (Cat. No.98CH36152)
2706	ITHERM 2000. The Seventh Intersociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems (Cat. No.00CH37069)
2707	ITherm 2002. Eighth Intersociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems (Cat. No.02CH37258)
2708	ITherm'98. Sixth Intersociety Conference on Thermal and Thermomechanical Phenomena in Electronic Systems (Cat. No.98CH36208)
2709	ITS Telecommunications (ITST), International Conference on
2710	Knowledge Engineering and Software Engineering (KESE), Pacific-Asia Conference on
2711	Lasers and Electro-Optics (CLEO), Conference on
2712	Lasers and Electro-Optics Europe (CLEO EUROPE), Conference on
2713	LEOS 2000. 2000 IEEE Annual Meeting Conference Proceedings. 13th Annual Meeting. IEEE Lasers and Electro-Optics Society 2000 Annual Meeting (Cat. No.00CH37080)
2714	LEOS 2001. 14th Annual Meeting of the IEEE Lasers and Electro-Optics Society (Cat. No.01CH37242)
2715	LEOS 2006 - 19th Annual Meeting of the IEEE Lasers and Electro-Optics Society
2716	LEOS 2007 - IEEE Lasers and Electro-Optics Society Annual Meeting Conference Proceedings
2717	LEOS 2008 - 21st Annual Meeting of the IEEE Lasers and Electro-Optics Society
2718	Logic in Computer Science (LICS), Annual Symposium on
2719	Low Power Electronics and Design (ISLPED), International Symposium on
2720	Machine Learning and Applications (ICMLA), International Conference on
2721	Machine Learning and Cybernetics, (ICMLC) International Conference on
2722	Machine Vision (ICMV), International Conference on

2723	Magnetics (INTERMAG), International Conference
2724	Malicious and Unwanted Software (MALWARE), International Conference on
2725	Management of Engineering and Technology (PICMET), Portland International Conference on
2726	Managing Requirements Knowledge, MARK, International Workshop on
2727	Mass Storage Systems and Technologies, (MSST). IEEE/NASA Goddard Conference on
2728	Mass Storage Systems, IEEE Symposium on
2729	MELECON '98. 9th Mediterranean Electrotechnical Conference. Proceedings (Cat. No.98CH36056)
2730	MELECON 2006 - 2006 IEEE Mediterranean Electrotechnical Conference
2731	MELECON 2008 - The 14th IEEE Mediterranean Electrotechnical Conference
2732	Melecon 2010 - 2010 15th IEEE Mediterranean Electrotechnical Conference
2733	MELECON 2014 - 2014 17th IEEE Mediterranean Electrotechnical Conference
2734	Memory Technology, Design and Testing, IEEE International Workshop on
2735	MEMS, NANO and Smart Systems (ICMENS), International Conference on
2736	Methods and Models in Computer Science (ICM2CS), Proceeding of International Conference on
2737	Micro Electro Mechanical Systems, IEEE International Conference on
2738	Microelectronic Test Structures, IEEE International Conference on
2739	Microelectronics & Electronics (PrimeAsia), Asia Pacific Conference on Postgraduate Research in
2740	Microelectronics, ICM, International Conference on
2741	Microprocessor Test and Verification (MTV), International Workshop on
2742	Microwave and Optoelectronics (IMOC), SBMO/IEEE MTT-S International Conference
2743	Microwave Photonics (MWP), International Topical Meeting on
2744	Microwave Symposium (MMS), Mediterranean
2745	Microwave, MTT-S International Symposium
2746	MILCOM 1999. IEEE Military Communications. Conference Proceedings (Cat. No.99CH36341)
2747	MILCOM 2000 Proceedings. 21st Century Military Communications. Architectures and Technologies for Information Superiority (Cat. No.00CH37155)
2748	MILCOM 2002. Proceedings
2749	MILCOM 2005 - 2005 IEEE Military Communications Conference
2750	MILCOM 2006 - 2006 IEEE Military Communications conference
2751	MILCOM 2007 - IEEE Military Communications Conference
2752	MILCOM 2008 - 2008 IEEE Military Communications Conference
2753	MILCOM 2009 - 2009 IEEE Military Communications Conference
2754	MILCOM 2012 - 2012 IEEE Military Communications Conference
2755	MILCOM 2013 - 2013 IEEE Military Communications Conference
2756	MILCOM 2015 - 2015 IEEE Military Communications Conference
2757	MILCOM 2016 - 2016 IEEE Military Communications Conference
2758	MILCOM 2017 - 2017 IEEE Military Communications Conference (MILCOM)
2759	MILCOM 2018 - 2018 IEEE Military Communications Conference (MILCOM)
2760	MILCOM 2019 - 2019 IEEE Military Communications Conference (MILCOM)
2761	MILCOM, Military Communications Conference
2762	Mixed and Augmented Reality (ISMAR), International Symposium on
2763	MMM-Intermag Conference
2764	Mobile Ad-hoc and Sensor Networks, MSN, International Conference on

2765	Modeling and Optimization in Mobile, Ad Hoc, and Wireless Networks (WiOpt), International Symposium on
2766	Modern Problems of Radio Engineering, Telecommunications and Computer Science, International Conference
2767	Motion and Video Computing, Workshop on
2768	MTS/IEEE Oceans 2001. An Ocean Odyssey. Conference Proceedings (IEEE Cat. No.01CH37295)
2769	Multiple-Valued Logic, International Symposium on
2770	NAECON 2014 - IEEE National Aerospace and Electronics Conference
2771	NAECON 2018 - IEEE National Aerospace and Electronics Conference
2772	Nano/Molecular Medicine and Engineering (NANOMED), IEEE International Conference on
2773	Nanotechnology, IEEE Conference on
2774	Nature & Biologically Inspired Computing (NaBIC), World Congress on
2775	Network and Systems Support for Games (NetGames), Annual Workshop on
2776	Network Operations and Management, IEEE Symposium
2777	Networked Sensing Systems (INSS), International Conference on
2778	Networks and Communications (NETCOM), International Conference on
2779	Neural Networks (IJCNN), International Joint Conference on
2780	Neural Networks, Brazilian Symposium on
2781	New Technologies, Mobility and Security (NTMS)
2782	Nineteenth Annual IEEE Applied Power Electronics Conference and Exposition, 2004. APEC '04.
2783	Nineteenth Annual IEEE Semiconductor Thermal Measurement and Management Symposium, 2003.
2784	Ninth IEEE International Conference on Fuzzy Systems. FUZZ- IEEE 2000 (Cat. No.00CH37063)
2785	NOMS 2000. 2000 IEEE/IFIP Network Operations and Management Symposium 'The Networked Planet: Management Beyond 2000' (Cat. No.00CB37074)
2786	NOMS 2002. IEEE/IFIP Network Operations and Management Symposium. ' Management Solutions for the New Communications World'(Cat. No.02CH37327)
2787	NOMS 2008 - 2008 IEEE Network Operations and Management Symposium
2788	NOMS 2016 - 2016 IEEE/IFIP Network Operations and Management Symposium
2789	NOMS 2018 - 2018 IEEE/IFIP Network Operations and Management Symposium
2790	NOMS 2020 - 2020 IEEE/IFIP Network Operations and Management Symposium
2791	NOMS 98 1998 IEEE Network Operations and Management Symposium
2792	Non-Volatile Memory Technology Symposium
2793	Nonlinear Optics '98. Materials, Fundamentals and Applications Topical Meeting (Cat. No.98CH36244)
2794	Nonlinear Optics: Materials, Fundamentals and Applications
2795	Nonlinear Optics: Materials, Fundamentals, and Applications. Technical Digest. Postconference Edition. TOPS Vol.46 (IEEE Cat. No.00CH37174)
2796	Northcon
2797	Northcon/98. Conference Proceedings (Cat. No.98CH36264)
2798	Nuclear Science (NSS/MIC), IEEE Symposium
2799	Object-Oriented Real-Time Distributed Computing, International Symposium on
2800	Ocean Electronics (SYMPOL), International Symposium on
2801	OCEANS

2802	OCEANS '02 MTS/IEEE
2803	Oceans '04 MTS/IEEE Techno-Ocean '04 (IEEE Cat. No.04CH37600)
2804	Oceans '99. MTS/IEEE. Riding the Crest into the 21st Century. Conference and Exhibition. Conference Proceedings (IEEE Cat. No.99CH37008)
2805	OCEANS 2000 MTS/IEEE Conference and Exhibition. Conference Proceedings (Cat. No.00CH37158)
2806	Oceans 2003. Celebrating the Past ... Teaming Toward the Future (IEEE Cat. No.03CH37492)
2807	OCEANS 2006
2808	OCEANS 2007
2809	OCEANS 2008
2810	OCEANS 2009
2811	OCEANS 2010 MTS/IEEE SEATTLE
2812	OCEANS 2015 - MTS/IEEE Washington
2813	OCEANS 2016 MTS/IEEE Monterey
2814	OCEANS 2017 - Anchorage
2815	OCEANS 2018 MTS/IEEE Charleston
2816	OCEANS 2019 MTS/IEEE SEATTLE
2817	OCEANS'11 MTS/IEEE KONA
2818	OFC '98. Optical Fiber Communication Conference and Exhibit. Technical Digest. Conference Edition. 1998 OSA Technical Digest Series Vol.2 (IEEE Cat. No.98CH36177)
2819	OFC 2001. Optical Fiber Communication Conference and Exhibit. Technical Digest Postconference Edition (IEEE Cat. 01CH37171)
2820	OFC 2003 Optical Fiber Communications Conference, 2003.
2821	OFC 2014
2822	OFC/IOOC . Technical Digest. Optical Fiber Communication Conference, 1999, and the International Conference on Integrated Optics and Optical Fiber Communication
2823	OFC/NFOEC
2824	OFC/NFOEC 2007 - 2007 Conference on Optical Fiber Communication and the National Fiber Optic Engineers Conference
2825	OFC/NFOEC 2008 - 2008 Conference on Optical Fiber Communication/National Fiber Optic Engineers Conference
2826	OFC/NFOEC Technical Digest. Optical Fiber Communication Conference, 2005.
2827	Open-source Software for Scientific Computation (OSSC), IEEE International Workshop on
2828	Optical Fiber Communication (OFC)Conference
2829	Optical Fiber Communication Conference and Exhibit
2830	Optical Fiber Communication Conference, 2004. OFC 2004
2831	Optical Fiber Communication Conference. Technical Digest Postconference Edition. Trends in Optics and Photonics Vol.37 (IEEE Cat. No. 00CH37079)
2832	Optical MEMS, IEEE/LEOS International Conference on
2833	OptoElectronics and Communications Conference, OECC
2834	PACRIM. 2005 IEEE Pacific Rim Conference on Communications, Computers and signal Processing, 2005.
2835	PACS2001. Proceedings of the 2001 Particle Accelerator Conference (Cat. No.01CH37268)
2836	Parallel and Distributed Processing (IPDPS), International Symposium

2837	Parallel and Distributed Systems (ICPADS), International Conference on
2838	Parallel Architectures, Algorithms and Networks (ISPAN), International Symposium on
2839	Parallel Computing in Electrical Engineering (PARLEC), International Conference on
2840	Parallel Processing (ICPP), International Conference on
2841	Particle Accelerator, IEEE Conference
2842	PCCC 2005. 24th IEEE International Performance, Computing, and Communications Conference, 2005.
2843	Performance Evaluation of Tracking and Surveillance (PETS-Winter), IEEE International Workshop on
2844	Performance, Computing and Communications (IPCCC), IEEE International Conference
2845	Personal, Indoor and Mobile Radio Communications (PIMRC), IEEE International Symposium on
2846	Pervasive Computing (JCPC), Joint Conferences on
2847	PES T&D 2012
2848	PESC 98 Record. 29th Annual IEEE Power Electronics Specialists Conference (Cat. No.98CH36196)
2849	Petroleum and Chemical Industry, Industrial Applications Society Annual Conference
2850	Photonics and Microsystems. International Students and Young Scientists Workshop
2851	Photonics Conference (IPC),IEEE
2852	Photovoltaic Energy Conversion, World Conference on
2853	Photovoltaic Specialists (PVSC), IEEE Conference
2854	PICA 2001. Innovative Computing for Power - Electric Energy Meets the Market. 22nd IEEE Power Engineering Society. International Conference on Power Industry Computer Applications (Cat. No.01CH37195)
2855	PICMET '01. Portland International Conference on Management of Engineering and Technology. Proceedings Vol.1: Book of Summaries (IEEE Cat. No.01CH37199)
2856	PICMET '03: Portland International Conference on Management of Engineering and Technology Technology Management for Reshaping the World, 2003.
2857	PICMET '07 - 2007 Portland International Conference on Management of Engineering & Technology
2858	PICMET '08 - 2008 Portland International Conference on Management of Engineering & Technology
2859	PICMET '09 - 2009 Portland International Conference on Management of Engineering & Technology
2860	PICMET '99: Portland International Conference on Management of Engineering and Technology. Proceedings Vol-1: Book of Summaries (IEEE Cat. No.99CH36310)
2861	PICMET 2010 TECHNOLOGY MANAGEMENT FOR GLOBAL ECONOMIC GROWTH
2862	Piezoelectricity, Acoustic Waves, and Device Applications, SPAWDA Symposium on
2863	PLANS 2004. Position Location and Navigation Symposium (IEEE Cat. No.04CH37556)
2864	Plant Growth Modeling and Applications (PMA), International Symposium on
2865	Plasma Science (ICOPS), IEEE International Conference on
2866	Position Location and Navigation (PLANS), IEEE Symposium
2867	Postconference Digest Quantum Electronics and Laser Science, 2003. QEELS.
2868	Power Electronics and Intelligent Transportation System, PEITS, Workshop on
2869	Power Electronics Specialists (PESC), Annual IEEE Conference

2870	Power Engineering Society, IEEE Summer Meeting
2871	Power Engineering Society, IEEE Winter Meeting
2872	Power Industry Computer Application Conference (PICA)
2873	Power Modulator, IEEE Symposium
2874	Power Semiconductor Devices and Ics (ISPSD), International Symposium on
2875	Power Symposium, Annual North-American
2876	Power Systems (ICPS), International Conference on
2877	Power & Energy Society, IEEE General Meeting
2878	PPPS-2001 Pulsed Power Plasma Science 2001. 28th IEEE International Conference on Plasma Science and 13th IEEE International Pulsed Power Conference. Digest of Papers (Cat. No.01CH37251)
2879	Precision Electromagnetic Measurements (CPEM), Conference on
2880	Proceeding 2000 IEEE Symposium on Security and Privacy. S&P 2000
2881	Proceeding International Conference on Dependable Systems and Networks. DSN 2000
2882	Proceeding of the 13th international symposium on Low power electronics and design (ISLPED '08)
2883	Proceeding of the 2001 IEEE International Symposium on Intelligent Control (ISIC '01) (Cat. No.01CH37206)
2884	Proceeding of the 2001 Winter Simulation Conference (Cat. No.01CH37304)
2885	Proceedings 11th International Conference on Tools with Artificial Intelligence
2886	Proceedings 12th IEEE International Conference on Tools with Artificial Intelligence. ICTAI 2000
2887	Proceedings 12th IEEE Symposium on Computer-Based Medical Systems (Cat. No.99CB36365)
2888	Proceedings 12th International Workshop on Rapid System Prototyping. RSP 2001
2889	Proceedings 13th Euromicro Conference on Real-Time Systems
2890	Proceedings 13th IEEE Symposium on Computer-Based Medical Systems. CBMS 2000
2891	Proceedings 14th IEEE Symposium on Computer Arithmetic (Cat. No.99CB36336)
2892	Proceedings 14th IEEE Symposium on Computer-Based Medical Systems. CBMS 2001
2893	Proceedings 14th International Conference on Data Engineering
2894	Proceedings 15th Annual IEEE Conference on Computational Complexity
2895	Proceedings 15th IEEE Symposium on Computer Arithmetic. ARITH-15 2001
2896	Proceedings 15th International Conference on Data Engineering (Cat. No.99CB36337)
2897	Proceedings 16th Annual IEEE Conference on Computational Complexity
2898	Proceedings 16th Annual IEEE Symposium on Logic in Computer Science
2899	Proceedings 16th International Parallel and Distributed Processing Symposium
2900	Proceedings 17th Annual IEEE Symposium on Logic in Computer Science
2901	Proceedings 17th IEEE Annual Conference on Computational Complexity
2902	Proceedings 17th International Conference on Data Engineering
2903	Proceedings 18th International Conference on Data Engineering
2904	Proceedings 1998 Design and Automation Conference. 35th DAC. (Cat. No.98CH36175)
2905	Proceedings 1998 International Conference on Image Processing. ICIP98 (Cat. No.98CB36269)
2906	Proceedings 1999 29th IEEE International Symposium on Multiple-Valued Logic (Cat. No.99CB36329)
2907	Proceedings 1999 Design Automation Conference (Cat. No. 99CH36361)

2908	Proceedings 1999 IEEE International Conference on Computer Design: VLSI in Computers and Processors (Cat. No.99CB37040)
2909	Proceedings 1999 IEEE International Conference on Robotics and Automation (Cat. No.99CH36288C)
2910	Proceedings 1999 IEEE/RSJ International Conference on Intelligent Robots and Systems. Human and Environment Friendly Robots with High Intelligence and Emotional Quotients (Cat. No.99CH36289)
2911	Proceedings 1999 International Conference on Image Processing (Cat. 99CH36348)
2912	Proceedings 19th IEEE Real-Time Systems Symposium (Cat. No.98CB36279)
2913	Proceedings 19th IEEE Symposium on Reliable Distributed Systems SRDS-2000
2914	Proceedings 19th International Conference on Data Engineering (Cat. No.03CH37405)
2915	Proceedings 2000 ICRA. Millennium Conference. IEEE International Conference on Robotics and Automation. Symposia Proceedings (Cat. No.00CH37065)
2916	Proceedings 2000 IEEE/ Cornell Conference on High Performance Devices (Cat. No.00CH37122)
2917	Proceedings 2000 International Conference on Computer Design
2918	Proceedings 2000 International Conference on Image Processing (Cat. No.00CH37101)
2919	Proceedings 2000 International Conference on Software Maintenance
2920	Proceedings 2000 Kyoto International Conference on Digital Libraries: Research and Practice
2921	Proceedings 2001 ICRA. IEEE International Conference on Robotics and Automation (Cat. No.01CH37164)
2922	Proceedings 2001 IEEE International Conference on Computer Design: VLSI in Computers and Processors. ICCD 2001
2923	Proceedings 2001 IEEE International Workshop on Memory Technology, Design and Testing
2924	Proceedings 2001 IEEE Symposium on Security and Privacy. S&P 2001
2925	Proceedings 2001 IEEE/RSJ International Conference on Intelligent Robots and Systems. Expanding the Societal Role of Robotics in the the Next Millennium (Cat. No.01CH37180)
2926	Proceedings 2001 International Conference on Image Processing (Cat. No.01CH37205)
2927	Proceedings 2001 International Database Engineering and Applications Symposium
2928	Proceedings 2002 Design Automation Conference (IEEE Cat. No.02CH37324)
2929	Proceedings 2002 IEEE International Conference on Robotics and Automation (Cat. No.02CH37292)
2930	Proceedings 2002 IEEE Symposium on Security and Privacy
2931	Proceedings 2003 16th IEEE Symposium on Computer Arithmetic
2932	Proceedings 2003 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS 2003) (Cat. No.03CH37453)
2933	Proceedings 2003 International Conference on Image Processing (Cat. No.03CH37429)
2934	Proceedings 2003. Design Automation Conference (IEEE Cat. No.03CH37451)
2935	Proceedings 2006 IEEE International Conference on Robotics and Automation, 2006. ICRA 2006.
2936	Proceedings 2007 IEEE International Conference on Robotics and Automation
2937	Proceedings 2007 IEEE SoutheastCon
2938	Proceedings 20th IEEE International Conference on Distributed Computing Systems
2939	Proceedings 20th IEEE Real-Time Systems Symposium (Cat. No.99CB37054)
2940	Proceedings 20th IEEE Symposium on Reliable Distributed Systems
2941	Proceedings 21st IEEE Real-Time Systems Symposium

2942	Proceedings 21st International Conference on Computer Design
2943	Proceedings 21st International Conference on Distributed Computing Systems
2944	Proceedings 22nd IEEE Real-Time Systems Symposium (RTSS 2001) (Cat. No.01PR1420)
2945	Proceedings 22nd International Conference on Distributed Computing Systems
2946	Proceedings 24th Annual International Computer Software and Applications Conference. COMPSAC2000
2947	Proceedings 26th Annual International Computer Software and Applications
2948	Proceedings 27th Annual International Computer Software and Applications Conference. COMPAC 2003
2949	Proceedings 28th Annual International Symposium on Computer Architecture
2950	Proceedings 29th Annual International Symposium on Computer Architecture
2951	Proceedings 30th IEEE International Symposium on Multiple-Valued Logic (ISMVL 2000)
2952	Proceedings 31st IEEE International Symposium on Multiple-Valued Logic
2953	Proceedings 32nd IEEE International Symposium on Multiple-Valued Logic
2954	Proceedings 37th Design Automation Conference
2955	Proceedings 39th Annual 2005 International Carnahan Conference on Security Technology
2956	Proceedings 39th Annual Symposium on Foundations of Computer Science (Cat. No.98CB36280)
2957	Proceedings 40th Annual 2006 International Carnahan Conference on Security Technology
2958	Proceedings 41st Annual Symposium on Foundations of Computer Science
2959	Proceedings 5th Brazilian Symposium on Neural Networks (Cat. No.98EX209)
2960	Proceedings 9th Heterogeneous Computing Workshop (HCW 2000) (Cat. No.PR00556)
2961	Proceedings ACS/IEEE International Conference on Computer Systems and Applications
2962	Proceedings AUTOTESTCON 2003. IEEE Systems Readiness Technology Conference.
2963	Proceedings AUTOTESTCON 2004.
2964	Proceedings Eighth IEEE International Conference on Computer Vision. ICCV 2001
2965	Proceedings Eighth IEEE Workshop on Future Trends of Distributed Computing Systems. FTDCS 2001
2966	Proceedings Electrical Insulation Conference and Electrical Manufacturing Expo, 2005.
2967	Proceedings Electronic Components and Technology, 2005. ECTC '05.
2968	Proceedings Fifteenth Annual IEEE Symposium on Logic in Computer Science (Cat. No.99CB36332)
2969	Proceedings First IEEE/ACM International Symposium on Cluster Computing and the Grid
2970	Proceedings from the 2nd IEEE Conference on Standardization and Innovation in Information Technology (Cat. No.01EX530)
2971	Proceedings Frontiers in Education 35th Annual Conference
2972	Proceedings IEEE 24th Annual Joint Conference of the IEEE Computer and Communications Societies.
2973	Proceedings IEEE 32nd Annual 1998 International Carnahan Conference on Security Technology (Cat. No.98CH36209)
2974	Proceedings IEEE 33rd Annual 1999 International Carnahan Conference on Security Technology (Cat. No.99CH36303)
2975	Proceedings IEEE 34th Annual 2000 International Carnahan Conference on Security Technology (Cat. No.00CH37083)

2976	Proceedings IEEE 35th Annual 2001 International Carnahan Conference on Security Technology (Cat. No.01CH37186)
2977	Proceedings IEEE 56th Vehicular Technology Conference
2978	Proceedings IEEE Computer Society Workshop on VLSI'98 System Level Design (Cat. No.98EX158)
2979	Proceedings IEEE Conference on Computer Vision and Pattern Recognition. CVPR 2000 (Cat. No.PR00662)
2980	Proceedings IEEE INFOCOM 2000. Conference on Computer Communications. Nineteenth Annual Joint Conference of the IEEE Computer and Communications Societies (Cat. No.00CH37064)
2981	Proceedings IEEE INFOCOM 2001. Conference on Computer Communications. Twentieth Annual Joint Conference of the IEEE Computer and Communications Society (Cat. No.01CH37213)
2982	Proceedings IEEE INFOCOM 2006. 25TH IEEE International Conference on Computer Communications
2983	Proceedings IEEE International Conference on Software Maintenance - 1999 (ICSM'99). 'Software Maintenance for Business Change' (Cat. No.99CB36360)
2984	Proceedings IEEE International Conference on Software Maintenance. ICSM 2001
2985	Proceedings IEEE International Symposium on Information Theory,
2986	Proceedings IEEE Southeastcon '98 'Engineering for a New Era'
2987	Proceedings IEEE SoutheastCon 2002 (Cat. No.02CH37283)
2988	Proceedings IEEE Southeastcon'99. Technology on the Brink of 2000 (Cat. No.99CH36300)
2989	Proceedings IEEE Thirteenth Annual International Conference on Micro Electro Mechanical Systems (Cat. No.00CH36308)
2990	Proceedings IEEE Virtual Reality (Cat. No. 99CB36316)
2991	Proceedings IEEE Virtual Reality 2000 (Cat. No.00CB37048)
2992	Proceedings IEEE Virtual Reality 2001
2993	Proceedings IEEE Virtual Reality 2002
2994	Proceedings International Conference on Computer Design. VLSI in Computers and Processors (Cat. No.98CB36273)
2995	Proceedings International Conference on Dependable Systems and Networks
2996	Proceedings International Symposium on Technology and Society
2997	Proceedings International Test Conference 1998 (IEEE Cat. No.98CH36270)
2998	Proceedings International Test Conference 2000 (IEEE Cat. No.00CH37159)
2999	Proceedings International Test Conference 2001 (Cat. No.01CH37260)
3000	Proceedings ISDEIV. 18th International Symposium on Discharges and Electrical Insulation in Vacuum (Cat. No.98CH36073)
3001	Proceedings ISDEIV. 19th International Symposium on Discharges and Electrical Insulation in Vacuum (Cat. No.00CH37041)
3002	Proceedings MEMS 98. IEEE. Eleventh Annual International Workshop on Micro Electro Mechanical Systems. An Investigation of Micro Structures, Sensors, Actuators, Machines and Systems (Cat. No.98CH36176)
3003	Proceedings Ninth IEEE International Conference on Computer Vision
3004	Proceedings of 15th IEEE Symposium on Computer-Based Medical Systems (CBMS 2002)
3005	Proceedings of 16th International Conference on Data Engineering (Cat. No.00CB37073)

3006	Proceedings of 1999 IEEE 13th International Conference on Dielectric Liquids (ICDL'99) (Cat. No.99CH36213)
3007	Proceedings of 2002 IEEE 14th International Conference on Dielectric Liquids. ICDL 2002 (Cat. No.02CH37319)
3008	Proceedings of 2003 IEEE Conference on Control Applications, 2003. CCA 2003.
3009	Proceedings of 2005 IEEE Conference on Control Applications, 2005. CCA 2005.
3010	Proceedings of 2011 IEEE Pacific Rim Conference on Communications, Computers and Signal Processing
3011	Proceedings of 27th International Symposium on Computer Architecture (IEEE Cat. No.RS00201)
3012	Proceedings of IEEE East-West Design & Test Symposium (EWDTS'08)
3013	Proceedings of IEEE Region 10 International Conference on Electrical and Electronic Technology. TENCON 2001 (Cat. No.01CH37239)
3014	Proceedings of IEEE TENCON '98. IEEE Region 10 International Conference on Global Connectivity in Energy, Computer, Communication and Control (Cat. No.98CH36229)
3015	Proceedings of IEEE. IEEE Region 10 Conference. TENCON 99. 'Multimedia Technology for Asia-Pacific Information Infrastructure' (Cat. No.99CH37030)
3016	Proceedings of ISAF-ECAPD-PFM 2012
3017	Proceedings of ISSM2000. Ninth International Symposium on Semiconductor Manufacturing (IEEE Cat. No.00CH37130)
3018	Proceedings of OCEANS 2005 MTS/IEEE
3019	Proceedings of PICMET '14 Conference: Portland International Center for Management of Engineering and Technology; Infrastructure and Service Integration
3020	Proceedings of the 10th International Symposium on Power Semiconductor Devices and ICs. ISPSD'98 (IEEE Cat. No.98CH36212)
3021	Proceedings of the 12th IEEE Mediterranean Electrotechnical Conference (IEEE Cat. No.04CH37521)
3022	Proceedings of the 13th IEEE International Symposium on Applications of Ferroelectrics, 2002. ISAF 2002.
3023	Proceedings of the 13th International Symposium on Power Semiconductor Devices & ICs. IPSPD '01 (IEEE Cat. No.01CH37216)
3024	Proceedings of the 14th International Symposium on Power Semiconductor Devices and ICs
3025	Proceedings of the 15th Biennial University/Government/ Industry Microelectronics Symposium (Cat. No.03CH37488)
3026	Proceedings of the 17th IEEE Instrumentation and Measurement Technology Conference [Cat. No. 00CH37066]
3027	Proceedings of the 18th IEEE Symposium on Reliable Distributed Systems
3028	Proceedings of the 1998 American Control Conference. ACC (IEEE Cat. No.98CH36207)
3029	Proceedings of the 1998 ASME/IEEE Joint Railroad Conference
3030	Proceedings of the 1998 Bipolar/BiCMOS Circuits and Technology Meeting (Cat. No.98CH36198)
3031	Proceedings of the 1998 IEEE International Conference on Acoustics, Speech and Signal Processing, ICASSP '98 (Cat. No.98CH36181)
3032	Proceedings of the 1998 IEEE International Conference on Control Applications (Cat. No.98CH36104)
3033	Proceedings of the 1998 IEEE International Frequency Control Symposium (Cat. No.98CH36165)

3034	Proceedings of the 1998 IEEE International Symposium on Electronics and the Environment. ISEE - 1998 (Cat. No.98CH36145)
3035	Proceedings of the 1998 IEEE International Symposium on Intelligent Control (ISIC) held jointly with IEEE International Symposium on Computational Intelligence in Robotics and Automation (CIRA) Intell
3036	Proceedings of the 1998 IEEE Radar Conference, RADARCON'98. Challenges in Radar Systems and Solutions (Cat. No.98CH36197)
3037	Proceedings of the 1998 International Conference on Computer Languages (Cat. No.98CB36225)
3038	Proceedings of the 1998 Workshop on Autonomous Underwater Vehicles (Cat. No.98CH36290)
3039	Proceedings of the 1999 American Control Conference (Cat. No. 99CH36251)
3040	Proceedings of the 1999 ASME/IEEE Joint Railroad Conference (Cat. No.99CH36340)
3041	Proceedings of the 1999 Bipolar/BiCMOS Circuits and Technology Meeting (Cat. No.99CH37024)
3042	Proceedings of the 1999 IEEE International Conference on Control Applications (Cat. No.99CH36328)
3043	Proceedings of the 1999 IEEE International Symposium on Electronics and the Environment (Cat. No.99CH36357)
3044	Proceedings of the 1999 IEEE International Symposium on Intelligent Control Intelligent Systems and Semiotics (Cat. No.99CH37014)
3045	Proceedings of the 1999 IEEE Radar Conference. Radar into the Next Millennium (Cat. No.99CH36249)
3046	Proceedings of the 1999 IEEE Symposium on Security and Privacy (Cat. No.99CB36344)
3047	Proceedings of the 1999 International Conference on Software Engineering (IEEE Cat. No.99CB37002)
3048	Proceedings of the 1999 Joint Meeting of the European Frequency and Time Forum and the IEEE International Frequency Control Symposium (Cat. No.99CH36313)
3049	Proceedings of the 1999 Particle Accelerator Conference (Cat. No.99CH36366)
3050	Proceedings of the 19th Annual IEEE Symposium on Logic in Computer Science, 2004.
3051	Proceedings of the 19th IEEE/IPSS Symposium on Fusion Engineering. 19th SOFE (Cat. No.02CH37231)
3052	Proceedings of the 19th International Symposium on Power Semiconductor Devices and IC's
3053	Proceedings of the 2000 American Control Conference. ACC (IEEE Cat. No.00CH36334)
3054	Proceedings of the 2000 ASME/IEEE Joint Railroad Conference (Cat. No.00CH37110)
3055	Proceedings of the 2000 BIPOLAR/BiCMOS Circuits and Technology Meeting (Cat. No.00CH37124)
3056	Proceedings of the 2000 IEEE Engineering Management Society. EMS - 2000 (Cat. No.00CH37139)
3057	Proceedings of the 2000 IEEE International Symposium on Electronics and the Environment (Cat. No.00CH37082)
3058	Proceedings of the 2000 IEEE International Symposium on Intelligent Control. Held jointly with the 8th IEEE Mediterranean Conference on Control and Automation (Cat. No.00CH37147)
3059	Proceedings of the 2000 IEEE/EIA International Frequency Control Symposium and Exhibition (Cat. No.00CH37052)
3060	Proceedings of the 2000 International Conference on Software Engineering. ICSE 2000 the New Millennium

3061	Proceedings of the 2000. IEEE International Conference on Control Applications. Conference Proceedings (Cat. No.00CH37162)
3062	Proceedings of the 2001 1st IEEE Conference on Nanotechnology. IEEE-NANO 2001 (Cat. No.01EX516)
3063	Proceedings of the 2001 American Control Conference. (Cat. No.01CH37148)
3064	Proceedings of the 2001 BIPOLAR/BiCMOS Circuits and Technology Meeting (Cat. No.01CH37212)
3065	Proceedings of the 2001 IEEE Computer Society Conference on Computer Vision and Pattern Recognition. CVPR 2001
3066	Proceedings of the 2001 IEEE International Conference on Control Applications (CCA'01) (Cat. No.01CH37204)
3067	Proceedings of the 2001 IEEE International Frequency Control Symposium and PDA Exhibition (Cat. No.01CH37218)
3068	Proceedings of the 2001 IEEE International Symposium on Electronics and the Environment. 2001 IEEE ISEE (Cat. No.01CH37190)
3069	Proceedings of the 2001 IEEE Radar Conference (Cat. No.01CH37200)
3070	Proceedings of the 2001 IEEE/ASME Joint Railroad Conference (Cat. No.01CH37235)
3071	Proceedings of the 2001 SBMO/IEEE MTT-S International Microwave and Optoelectronics Conference. (Cat. No.01TH8568)
3072	Proceedings of the 2002 American Control Conference (IEEE Cat. No.CH37301)
3073	Proceedings of the 2002 IEEE International Frequency Control Symposium and PDA Exhibition (Cat. No.02CH37234)
3074	Proceedings of the 2002 IEEE Radar Conference (IEEE Cat. No.02CH37322)
3075	Proceedings of the 2002 International Conference on Microelectronic Test Structures, 2002. ICMTS 2002.
3076	Proceedings of the 2002 International Joint Conference on Neural Networks. IJCNN'02 (Cat. No.02CH37290)
3077	Proceedings of the 2002 Workshop on Autonomous Underwater Vehicles, 2002.
3078	Proceedings of the 2003 American Control Conference, 2003.
3079	Proceedings of the 2003 IEEE International Symposium on Intelligent Control
3080	Proceedings of the 2003 IEEE Radar Conference (Cat. No. 03CH37474)
3081	Proceedings of the 2003 IEEE/ASME Joint Railroad Conference, 2003.
3082	Proceedings of the 2003 International Conference on Machine Learning and Cybernetics (IEEE Cat. No.03EX693)
3083	Proceedings of the 2003 Particle Accelerator Conference
3084	Proceedings of the 2003 Winter Simulation Conference, 2003.
3085	Proceedings of the 2004 American Control Conference
3086	Proceedings of the 2004 IEEE Computer Society Conference on Computer Vision and Pattern Recognition, 2004. CVPR 2004.
3087	Proceedings of the 2004 IEEE International Conference on Control Applications, 2004.
3088	Proceedings of the 2004 IEEE International Conference on Solid Dielectrics, 2004. ICSD 2004.
3089	Proceedings of the 2004 IEEE International Frequency Control Symposium and Exposition, 2004.
3090	Proceedings of the 2004 IEEE International Symposium on Intelligent Control, 2004.
3091	Proceedings of the 2004 IEEE Radar Conference (IEEE Cat. No.04CH37509)

3092	Proceedings of the 2004 International Conference on Microelectronic Test Structures (IEEE Cat. No.04CH37516)
3093	Proceedings of the 2004 Winter Simulation Conference, 2004.
3094	Proceedings of the 2005 ASME/IEEE Joint Rail Conference, 2005.
3095	Proceedings of the 2005 IEEE International Conference on Robotics and Automation
3096	Proceedings of the 2005 IEEE International Frequency Control Symposium and Exposition, 2005.
3097	Proceedings of the 2005 IEEE International Symposium on Electronics and the Environment, 2005.
3098	Proceedings of the 2005 IEEE International Symposium on, Mediterrean Conference on Control and Automation Intelligent Control, 2005.
3099	Proceedings of the 2005 International Conference on Microelectronic Test Structures, 2005. ICMTS 2005.
3100	Proceedings of the 2005 Particle Accelerator Conference
3101	Proceedings of the 2005, American Control Conference, 2005.
3102	Proceedings of the 2006 IEEE International Symposium on Electronics and the Environment, 2006.
3103	Proceedings of the 2006 IEEE/ASME Joint Rail Conference
3104	Proceedings of the 2006 Winter Simulation Conference
3105	Proceedings of the 2007 IEEE International Symposium on Electronics and the Environment
3106	Proceedings of the 2007 international symposium on Low power electronics and design (ISLPED '07)
3107	Proceedings of the 2009 12th International Symposium on Integrated Circuits
3108	Proceedings of the 2009 Winter Simulation Conference (WSC)
3109	Proceedings of the 2010 American Control Conference
3110	Proceedings of the 2010 IEEE 36th Annual Northeast Bioengineering Conference (NEBEC)
3111	Proceedings of the 2010 IEEE International Symposium on Sustainable Systems and Technology
3112	Proceedings of the 2010 Winter Simulation Conference
3113	Proceedings of the 2011 American Control Conference
3114	Proceedings of the 2011 IEEE International Symposium on Sustainable Systems and Technology
3115	Proceedings of the 2011 IEEE National Aerospace and Electronics Conference (NAECON)
3116	Proceedings of the 2011 Winter Simulation Conference (WSC)
3117	Proceedings of the 2012 44th Southeastern Symposium on System Theory (SSST)
3118	Proceedings of the 2012 IEEE International Symposium on Antennas and Propagation
3119	Proceedings of the 2012 IEEE/ION Position, Location and Navigation Symposium
3120	Proceedings of the 2012 Winter Simulation Conference (WSC)
3121	Proceedings of the 2015 International Conference on Microelectronic Test Structures
3122	Proceedings of the 20th Annual International Conference of the IEEE Engineering in Medicine and Biology Society. Vol.20 Biomedical Engineering Towards the Year 2000 and Beyond (Cat. No.98CH36286)
3123	Proceedings of the 20th IEEE Instrumentation Technology Conference (Cat. No.03CH37412)
3124	Proceedings of the 20th International Conference on Software Engineering
3125	Proceedings of the 21st IEEE Instrumentation and Measurement Technology Conference (IEEE Cat. No.04CH37510)

3126	Proceedings of the 21st International Conference on Power Industry Computer Applications. Connecting Utilities. PICA 99. To the Millennium and Beyond (Cat. No.99CH36351)
3127	Proceedings of the 22nd Annual International Conference of the IEEE Engineering in Medicine and Biology Society (Cat. No.00CH37143)
3128	Proceedings of the 23rd International Conference on Software Engineering. ICSE 2001
3129	Proceedings of the 24th International Conference on Software Engineering. ICSE 2002
3130	Proceedings of the 25th Annual International Conference of the IEEE Engineering in Medicine and Biology Society (IEEE Cat. No.03CH37439)
3131	Proceedings of the 26th IEEE International Symposium on Computer-Based Medical Systems
3132	Proceedings of the 26th International Symposium on Computer Architecture (Cat. No.99CB36367)
3133	Proceedings of the 28th Annual International Computer Software and Applications Conference, 2004. COMPSAC 2004.
3134	Proceedings of the 2nd IEEE Conference on Nanotechnology
3135	Proceedings of the 2nd International Workshop on Virtualization Technology in Distributed Computing (VTDC '07)
3136	Proceedings of the 37th IEEE Conference on Decision and Control (Cat. No.98CH36171)
3137	Proceedings of the 38th Design Automation Conference (IEEE Cat. No.01CH37232)
3138	Proceedings of the 38th IEEE Conference on Decision and Control (Cat. No.99CH36304)
3139	Proceedings of the 39th IEEE Conference on Decision and Control (Cat. No.00CH37187)
3140	Proceedings of the 40th IEEE Conference on Decision and Control (Cat. No.01CH37228)
3141	Proceedings of the 41st IEEE Conference on Decision and Control, 2002.
3142	Proceedings of the 43rd IEEE Midwest Symposium on Circuits and Systems (Cat.No.CH37144)
3143	Proceedings of the 44th IEEE 2001 Midwest Symposium on Circuits and Systems. MWSCAS 2001 (Cat. No.01CH37257)
3144	Proceedings of the 44th IEEE Conference on Decision and Control
3145	Proceedings of the 45th IEEE Conference on Decision and Control
3146	Proceedings of the 48th IEEE Conference on Decision and Control (CDC) held jointly with 2009 28th Chinese Control Conference
3147	Proceedings of the 4th International Conference on Ubiquitous Information Technologies & Applications
3148	Proceedings of the 50th IEEE Holm Conference on Electrical Contacts and the 22nd International Conference on Electrical Contacts Electrical Contacts, 2004.
3149	Proceedings of the 6th International Conference on Properties and Applications of Dielectric Materials (Cat. No.00CH36347)
3150	Proceedings of the 7th International Conference on Properties and Applications of Dielectric Materials (Cat. No.03CH37417)
3151	Proceedings of the Bipolar/BiCMOS Circuits and Technology Meeting
3152	Proceedings of the Bipolar/BiCMOS Circuits and Technology Meeting, 2005.
3153	Proceedings of the Eighth International Workshop on Hardware/Software Codesign. CODES 2000 (IEEE Cat. No.00TH8518)
3154	Proceedings of the Fifty-First IEEE Holm Conference on Electrical Contacts, 2005.

3155	Proceedings of the First Joint BMES/EMBS Conference. 1999 IEEE Engineering in Medicine and Biology 21st Annual Conference and the 1999 Annual Fall Meeting of the Biomedical Engineering Society (Cat. N
3156	Proceedings of the Forth-Seventh IEEE Holm Conference on Electrical Contacts (IEEE Cat. No.01CH37192)
3157	Proceedings of the Forty-Eighth IEEE Holm Conference on Electrical Contacts
3158	Proceedings of the Forty-Ninth IEEE Holm Conference on Electrical Contacts, 2003.
3159	Proceedings of the Fourteenth Biennial University/Government/Industry Microelectronics Symposium (Cat. No.01CH37197)
3160	Proceedings of the IEEE 1998 Custom Integrated Circuits Conference (Cat. No.98CH36143)
3161	Proceedings of the IEEE 1998 National Aerospace and Electronics Conference. NAECON 1998. Celebrating 50 Years (Cat. No.98CH36185)
3162	Proceedings of the IEEE 1999 Custom Integrated Circuits Conference (Cat. No.99CH36327)
3163	Proceedings of the IEEE 2000 Custom Integrated Circuits Conference (Cat. No.00CH37044)
3164	Proceedings of the IEEE 2000 National Aerospace and Electronics Conference. NAECON 2000. Engineering Tomorrow (Cat. No.00CH37093)
3165	Proceedings of the IEEE 2001 Custom Integrated Circuits Conference (Cat. No.01CH37169)
3166	Proceedings of the IEEE 2002 Custom Integrated Circuits Conference (Cat. No.02CH37285)
3167	Proceedings of the IEEE 2003 Custom Integrated Circuits Conference, 2003.
3168	Proceedings of the IEEE 2004 Custom Integrated Circuits Conference (IEEE Cat. No.04CH37571)
3169	Proceedings of the IEEE 2005 Custom Integrated Circuits Conference, 2005.
3170	Proceedings of the IEEE 2009 National Aerospace & Electronics Conference (NAECON)
3171	Proceedings of the IEEE 2010 National Aerospace & Electronics Conference
3172	Proceedings of the IEEE 2012 Custom Integrated Circuits Conference
3173	Proceedings of the IEEE 2013 Custom Integrated Circuits Conference
3174	Proceedings of the IEEE 2014 Custom Integrated Circuits Conference
3175	Proceedings of the IEEE 24th Annual Northeast Bioengineering Conference (Cat. No.98CH36210)
3176	Proceedings of the IEEE 25th Annual Northeast Bioengineering Conference (Cat. No. 99CH36355)
3177	Proceedings of the IEEE 26th Annual Northeast Bioengineering Conference (Cat. No.00CH37114)
3178	Proceedings of the IEEE 27th Annual Northeast Bioengineering Conference (Cat. No.01CH37201)
3179	Proceedings of the IEEE 28th Annual Northeast Bioengineering Conference (IEEE Cat. No.02CH37342)
3180	Proceedings of the IEEE 2nd Dallas CAS Workshop on Low Power/Low Voltage Mixed-Signal Circuits & Systems (DCAS-01) (Cat. No.01EX454)
3181	Proceedings of the IEEE 31st Annual Northeast Bioengineering Conference, 2005.
3182	Proceedings of the IEEE 32nd Annual Northeast Bioengineering Conference
3183	Proceedings of the IEEE 7th Conference on Human Factors and Power Plants
3184	Proceedings of the IEEE Internatinal Symposium on Intelligent Control
3185	Proceedings of the IEEE Sixth Working Conference on Current Measurement (Cat. No.99CH36331)
3186	Proceedings of the IEEE SoutheastCon 2000. 'Preparing for The New Millennium' (Cat. No.00CH37105)
3187	Proceedings of the IEEE SoutheastCon 2006
3188	Proceedings of the IEEE SoutheastCon 2010 (SoutheastCon)

3189	Proceedings of the IEEE-INNS-ENNS International Joint Conference on Neural Networks. IJCNN 2000. Neural Computing: New Challenges and Perspectives for the New Millennium
3190	Proceedings of the IEEE/OES Eighth Working Conference on Current Measurement Technology, 2005.
3191	Proceedings of the IEEE/OES Seventh Working Conference on Current Measurement Technology, 2003.
3192	Proceedings of the International Conference Days on Diffraction 2009
3193	Proceedings of the International Conference on Control Applications
3194	Proceedings of the International Conference on Electromagnetic Interference and Compatibility
3195	Proceedings of the International Joint Conference on Neural Networks, 2003.
3196	Proceedings of the International Workshop on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications. IDAACS'2001 (Cat. No.01EX510)
3197	Proceedings of the Second Joint 24th Annual Conference and the Annual Fall Meeting of the Biomedical Engineering Society] [Engineering in Medicine and Biology
3198	Proceedings of the Seventh IEEE International Conference on Computer Vision
3199	Proceedings of the Sixth International Conference on Computer Supported Cooperative Work in Design (IEEE Cat. No.01EX472)
3200	Proceedings of the Sixth International Symposium on Signal Processing and its Applications (Cat.No.01EX467)
3201	Proceedings of the Technical Program. ELECTRO 99 (Cat. No.99CH36350)
3202	Proceedings of the Thirteenth Biennial University/Government/Industry Microelectronics Symposium (Cat. No.99CH36301)
3203	Proceedings of the Winter Simulation Conference
3204	Proceedings of the Winter Simulation Conference 2014
3205	Proceedings of the Winter Simulation Conference, 2005.
3206	Proceedings Second International Enterprise Distributed Object Computing (Cat. No.98EX244)
3207	Proceedings Seventeenth IEEE Symposium on Reliable Distributed Systems (Cat. No.98CB36281)
3208	Proceedings Spring Conference on Computer Graphics
3209	Proceedings Tenth IEEE International Conference on Tools with Artificial Intelligence (Cat. No.98CH36294)
3210	Proceedings Third International Workshop on Advanced Issues of E-Commerce and Web-Based Information Systems. WECWIS 2001
3211	Proceedings Twelfth International Workshop on Research Issues in Data Engineering: Engineering E-Commerce/E-Business Systems RIDE-2EC 2002
3212	Proceedings Visualization '98 (Cat. No.98CB36276)
3213	Proceedings Visualization '99 (Cat. No.99CB37067)
3214	Proceedings Visualization 2000. VIS 2000 (Cat. No.00CH37145)
3215	Proceedings Visualization, 2001. VIS '01.
3216	Proceedings XIV Brazilian Symposium on Computer Graphics and Image Processing
3217	Proceedings, IEEE Aerospace Conference
3218	Proceedings, IEEE AUTOTESTCON
3219	Proceedings. (ICASSP '05). IEEE International Conference on Acoustics, Speech, and Signal Processing, 2005.
3220	Proceedings. 11th IEEE Symposium on Computer-Based Medical Systems (Cat. No.98CB36237)

3221	Proceedings. 11th International Symposium on Electrets
3222	Proceedings. 14th Symposium on Logic in Computer Science (Cat. No. PR00158)
3223	Proceedings. 15th IEEE International Conference on Tools with Artificial Intelligence
3224	Proceedings. 17th IEEE Symposium on Computer-Based Medical Systems
3225	Proceedings. 18th International Conference on Distributed Computing Systems (Cat. No.98CB36183)
3226	Proceedings. 1998 28th IEEE International Symposium on Multiple- Valued Logic (Cat. No.98CB36138)
3227	Proceedings. 1998 IEEE Computer Society Conference on Computer Vision and Pattern Recognition (Cat. No.98CB36231)
3228	Proceedings. 1998 IEEE International Conference on Robotics and Automation (Cat. No.98CH36146)
3229	Proceedings. 1998 IEEE International Symposium on Information Theory (Cat. No.98CH36252)
3230	Proceedings. 1998 IEEE Symposium on IC/Package Design Integration (Cat. No.98CB36211)
3231	Proceedings. 1998 IEEE Symposium on Security and Privacy (Cat. No.98CB36186)
3232	Proceedings. 1998 IEEE/RSJ International Conference on Intelligent Robots and Systems. Innovations in Theory, Practice and Applications (Cat. No.98CH36190)
3233	Proceedings. 1999 IEEE Computer Society Conference on Computer Vision and Pattern Recognition (Cat. No PR00149)
3234	Proceedings. 19th IEEE Annual Conference on Computational Complexity, 2004.
3235	Proceedings. 19th IEEE International Conference on Distributed Computing Systems (Cat. No.99CB37003)
3236	Proceedings. 2000 IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS 2000) (Cat. No.00CH37113)
3237	Proceedings. 2001 IEEE International Symposium on Information Theory (IEEE Cat. No.01CH37252)
3238	Proceedings. 2005 IEEE International Engineering Management Conference, 2005.
3239	Proceedings. 2005 IEEE International Geoscience and Remote Sensing Symposium, 2005. IGARSS '05.
3240	Proceedings. 2005 IEEE International Joint Conference on Neural Networks, 2005.
3241	Proceedings. 2005 International Symposium on Technology and Society, 2005. Weapons and Wires: Prevention and Safety in a Time of Fear. ISTAS 2005.
3242	Proceedings. 20th International Conference on Data Engineering
3243	Proceedings. 25th Annual International Symposium on Computer Architecture (Cat. No.98CB36235)
3244	Proceedings. 26th International Conference on Software Engineering
3245	Proceedings. 27th International Conference on Software Engineering, 2005. ICSE 2005.
3246	Proceedings. 31st Annual International Symposium on Computer Architecture, 2004.
3247	Proceedings. 34th International Symposium on Multiple-Valued Logic
3248	Proceedings. 36th Annual 2002 International Carnahan Conference on Security Technology
3249	Proceedings. 41st Design Automation Conference, 2004.
3250	Proceedings. 42nd Design Automation Conference, 2005.
3251	Proceedings. Fourteenth Annual IEEE Conference on Computational Complexity (Formerly: Structure in Complexity Theory Conference) (Cat.No.99CB36317)

3252	Proceedings. Frontiers in Education. 36th Annual Conference
3253	Proceedings. IEEE 1998 Virtual Reality Annual International Symposium (Cat. No.98CB36180)
3254	Proceedings. IEEE INFOCOM '98, the Conference on Computer Communications. Seventeenth Annual Joint Conference of the IEEE Computer and Communications Societies. Gateway to the 21st Century (Cat. No.98
3255	Proceedings. IEEE International Conference on Computer Design: VLSI in Computers and Processors
3256	Proceedings. IEEE International Professional Communication Conference
3257	Proceedings. IEEE Lester Eastman Conference on High Performance Devices
3258	Proceedings. IEEE Lester Eastman Conference on High Performance Devices, 2004.
3259	Proceedings. IEEE SoutheastCon 2001 (Cat. No.01CH37208)
3260	Proceedings. IEEE SoutheastCon, 2005.
3261	Proceedings. International Conference on Image Processing
3262	Proceedings. International Conference on Software Maintenance (Cat. No. 98CB36272)
3263	Proceedings. International Symposium on Information Theory, 2005. ISIT 2005.
3264	Proceedings. International Symposium on Mixed and Augmented Reality
3265	Proceedings. International Symposium on Technology and Society, 2003. Crime Prevention, Security and Design. 2003.
3266	Proceedings. International Test Conference
3267	Proceedings. ISPSD '05. The 17th International Symposium on Power Semiconductor Devices and ICs, 2005.
3268	Proceedings. The 21st Digital Avionics Systems Conference
3269	Proceedings. The Twenty-Second Annual International Computer Software and Applications Conference (Compsac '98) (Cat. No.98CB 36241)
3270	Proceedings. Thirteenth Annual IEEE Conference on Computational Complexity (Formerly: Structure in Complexity Theory Conference) (Cat. No.98CB36247)
3271	Proceedings. Thirteenth Annual IEEE Symposium on Logic in Computer Science (Cat. No.98CB36226)
3272	Proceedings. Twenty-Third Annual International Computer Software and Applications Conference (Cat. No.99CB37032)
3273	Proceedings. Twenty-First Annual Joint Conference of the IEEE Computer and Communications Societies
3274	Proceedings: Electrical Insulation Conference and Electrical Manufacturing and Coil Winding Conference (Cat. No.01CH37264)
3275	Proceedings: Electrical Insulation Conference and Electrical Manufacturing and Coil Winding Conference (Cat. No.99CH37035)
3276	Proceedings: Electrical Insulation Conference and Electrical Manufacturing and Coil Winding Technology Conference (Cat. No.03CH37480)
3277	Product Compliance Engineering (PSES), IEEE Symposium on
3278	Professional Communication (IPCC), International Conference
3279	Professional Program Proceedings. Electro 98 (Cat. No.98CH36240)
3280	Program Comprehension, IEEE Workshop on

3281	Properties and Applications of Dielectric Materials, International Conference on Properties and Applications of
3282	Pulp, Paper & Forest Industries Conference, (PPFIC), IEEE
3283	Pulsed Power Plasma Science,
3284	Pulsed Power, International Conference
3285	Quality Software, International Conference on
3286	Quantum Electronics (IQEC), International Conference
3287	Quantum Electronics and Laser Science Conference (QELS 2000). Technical Digest. Postconference Edition. TOPS Vol.40 (IEEE Cat. No.00CH37089)
3288	Quantum Electronics and Laser Science Conference (QELS)
3289	Radar (RADAR), IEEE International Conference
3290	Radar, IEEE National Conference
3291	Radio Frequency Integrated Circuits (RFIC), IEEE Symposium
3292	Radio-Frequency Integration Technology (RFIT), IEEE International Workshop on
3293	Rail, ASME/IEEE Joint Conference
3294	RAMS '06. Annual Reliability and Maintainability Symposium, 2006.
3295	Rapid System Prototyping (RSP), International Workshop on
3296	Real-Time Systems Symposium (RTSS)
3297	Real-Time Systems, Euromicro Conference on
3298	Recent Advances in Lightwave Technology (CRALT), IEEE Conference on
3299	Reconfigurable Computing and FPGAs (ReConFig), International Conference on
3300	Record of Conference Papers Industry Applications Society 52nd Annual Petroleum and Chemical Industry Conference
3301	Record of Conference Papers. IEEE incorporated Industry Applications Society. Forty-Eighth Annual Conference. 2001 Petroleum and Chemical Industry Technical Conference (Cat. No.01CH37265)
3302	Record of Conference Papers. IEEE Industry Applications Society 45th Annual Petroleum and Chemical Industry Conference (Cat. No.98CH36234)
3303	Record of Conference Papers. Industry Applications Society Forty-Seventh Annual Conference. 2000 Petroleum and Chemical Industry Technical Conference (Cat. No.00CH37112)
3304	Record of Conference Papers. Industry Applications Society. Forty-Ninth Annual Conference. 2002 Petroleum and Chemical Industry Technical Conference
3305	Record of the IEEE 2000 International Radar Conference [Cat. No. 00CH37037]
3306	Reliability and Maintainability (RAMS), Annual Symposium
3307	Reliability Physics, Annual International Symposium
3308	Reliable Distributed Systems, Symposium on
3309	Requirements Engineering and Law, RELAW
3310	Requirements Engineering Education and Training, REET
3311	Requirements Engineering for e-Voting Systems (RE-VOTE), International Workshop on
3312	Requirements Engineering Visualization (REV), International Workshop on
3313	Requirements: Communication, Understanding and Softskills (CIRCUS), Collaboration and Intercultural Issues on
3314	Research and Development (SCORED), Student Conference on
3315	Research Challenges in Computer Science (ICRCCS), International Conference on

3316	Research Issues in Data Engineering, International Workshop on
3317	RFID, IEEE International Conference on
3318	Risks and Security of Internet and Systems, CRISIS, International Conference on
3319	Robotics and Automation (ICRA), IEEE International Conference on
3320	Robotics and Biomimetics, IEEE International Conference on
3321	Robotics Symposium, LARS, IEEE Latin American
3322	RTSS 2003. 24th IEEE Real-Time Systems Symposium, 2003
3323	Rural Electric Power Conference
3324	Rural Electric Power Conference, 2003
3325	Rural Electric Power Conference, 2004
3326	Rural Electric Power Conference, 2005
3327	Safety, Security, and Rescue Robotics (SSRR), IEEE International Workshop on
3328	Science and Technology for Humanity (TIC-STH), IEEE Toronto International Conference
3329	Seamless Interconnection for Universal Services. Global Telecommunications Conference. GLOBECOM'99. (Cat. No.99CH37042)
3330	Security and Communication Networks (IWSCN), International Workshop on
3331	Security and Privacy, IEEE Symposium on
3332	Security Technology, International Carnahan Conference on
3333	Semantic Media Adaptation and Personalization (SMAP), International Workshop on
3334	Semiconducting and Insulating Materials 1998. Proceedings of the 10th Conference on Semiconducting and Insulating Materials (SIMC-X) (Cat. No.98CH36159)
3335	Semiconducting and Insulating Materials, Proceedings of the Conference on
3336	Semiconductor Laser Conference, IEEE International
3337	Semiconductor Manufacturing, IEEE International Symposium on
3338	Semiconductor Thermal Measurement and Management (SEMI-THERM), IEEE Symposium
3339	Semiconductor Thermal Measurement and Management IEEE Twenty First Annual IEEE Symposium, 2005.
3340	Sensors for Industry Conference, ISA/IEEE
3341	SENSORS, 2002 IEEE
3342	SENSORS, 2003 IEEE
3343	SENSORS, 2004 IEEE
3344	SENSORS, 2005 IEEE
3345	SENSORS, 2006 IEEE
3346	SENSORS, 2007 IEEE
3347	SENSORS, 2008 IEEE
3348	SENSORS, 2009 IEEE
3349	SENSORS, 2010 IEEE
3350	SENSORS, 2011 IEEE
3351	SENSORS, 2012 IEEE
3352	SENSORS, 2013 IEEE
3353	SENSORS, 2014 IEEE
3354	SENSORS, IEEE
3355	Service-Oriented Computing and Applications (SOCA), IEEE International Conference on

3356	Seventeenth Annual IEEE Semiconductor Thermal Measurement and Management Symposium (Cat. No.01CH37189)
3357	Slcon/01. Sensors for Industry Conference. Proceedings of the First ISA/IEEE. Sensors for Industry Conference (Cat. No.01EX459)
3358	Signal and Image Processing Applications (ICSIPA), IEEE International Conference on
3359	Signal Processing Advances in Wireless Communications (SPAWC), IEEE Workshop on
3360	Signal Processing and Information Technology (ISSPIT), IEEE International Symposium on
3361	Signal Processing and Its Applications (ISSPA), International Symposium on
3362	Signal-Image Technologies and Internet-Based System, International IEEE Conference on
3363	Signals, Circuits and Systems, SCS, International Conference on
3364	Signals, Systems & Computers, Asilomar Conference on
3365	Silicon Nanoelectronics Workshop (SNW), IEEE
3366	Simulation Winter Conference
3367	Sistemas Colaborativos, Simpósio Brasileiro de
3368	Sixteenth Annual IEEE Semiconductor Thermal Measurement and Management Symposium (Cat. No.00CH37068)
3369	Sixth International Conference on Computer Vision (IEEE Cat. No.98CH36271)
3370	Smc 2000 conference proceedings. 2000 ieee international conference on systems, man and cybernetics. 'cybernetics evolving to systems, humans, organizations, and their complex interactions' (cat. no.0)
3371	SMC'03 Conference Proceedings. 2003 IEEE International Conference on Systems, Man and Cybernetics. Conference Theme - System Security and Assurance (Cat. No.03CH37483)
3372	SMC'98 Conference Proceedings. 1998 IEEE International Conference on Systems, Man, and Cybernetics (Cat. No.98CH36218)
3373	SOC Conference, IEEE International
3374	SoC Design Conference, ISOCC, International
3375	Software Engineering (ICSE), International Conference on
3376	Software Engineering Conference in Russia (CEE-SECR), Central and Eastern European
3377	Software Engineering Research, Management and Applications (SERA), International Conference on
3378	Software Engineering, Annual IEEE/ NASA Goddard Workshop
3379	Software Maintenance (ICSM), International Conference on
3380	Software Product Management, IWSPM, International Workshop on
3381	Software Reliability Engineering (ISSRE), International Symposium on
3382	SOI-3D-Subthreshold Microelectronics Technology Unified Conference (S3S), IEEE
3383	Solid Dielectrics (ICSD), IEEE International Conference on
3384	Solid-State Circuits (ISSCC), IEEE International Conference
3385	SoutheastCon 2015
3386	SoutheastCon 2016
3387	SoutheastCon 2017
3388	SoutheastCon 2018
3389	Southeastcon, IEEE
3390	Specification, Verification and Design Languages, FDL, Forum on
3391	Standardization and Innovation in Information Technology, IEEE Conference

3392	Statistical Metrology, IEEE International Workshop on
3393	Summaries of Papers Presented at the Lasers and Electro-Optics. CLEO '02. Technical Diges
3394	Sustainable Alternative Energy (SAE), IEEE PES/IAS Conference on
3395	Symbolic and Numeric Algorithms for Scientific Computing (SYNASC), International Symposium on
3396	Symposium on Integrated Circuits and Systems Design
3397	System Theory, Southeastern Symposium on
3398	Systems, Man and Cybernetics, IEEE International Conference on
3399	Technical Digest. IEEE International MEMS 99 Conference. Twelfth IEEE International Conference on Micro Electro Mechanical Systems (Cat. No.99CH36291)
3400	Technical Digest. MEMS 2001. 14th IEEE International Conference on Micro Electro Mechanical Systems (Cat. No.01CH37090)
3401	Technical Digest. MEMS 2002 IEEE International Conference. Fifteenth IEEE International Conference on Micro Electro Mechanical Systems (Cat. No.02CH37266)
3402	Technical Digest. Summaries of Papers Presented at the Conference on Lasers and Electro-Optics. Conference Edition. 1998 Technical Digest Series, Vol.6 (IEEE Cat. No.98CH36178)
3403	Technical Digest. Summaries of papers presented at the Conference on Lasers and Electro-Optics. Postconference Edition. CLEO '99. Conference on Lasers and Electro-Optics (IEEE Cat. No.99CH37013)
3404	Technical Digest. Summaries of papers presented at the Conference on Lasers and Electro-Optics. Postconference Technical Digest (IEEE Cat. No.01CH37170)
3405	Technical Digest. Summaries of Papers Presented at the International Quantum Electronics Conference. Conference Edition. 1998 Technical Digest Series, Vol.7 (IEEE Cat. No.98CH36236)
3406	Technical Digest. Summaries of Papers Presented at the Quantum Electronics and Laser Science Conference
3407	Technical Digest. Summaries of papers presented at the Quantum Electronics and Laser Science Conference. Postconference Technical Digest (IEEE Cat. No.01CH37172)
3408	Technical Postgraduates (TECHPOS), International Conference for
3409	Technology and Society (ISTAS), International Symposium on
3410	Technology Management Conference (ITMC), IEEE International
3411	Technology Management Conference, IEEE International
3412	Telecommunication Networks and Applications Conference, ATNAC, Australasian
3413	Telecommunications and Malaysia International Conference on Communications (ICT-MICC) IEEE International Conference on
3414	Telecommunications Energy (INTELEC), International Conference
3415	TENCON 2003. Conference on Convergent Technologies for Asia-Pacific Region
3416	TENCON 2005 - 2005 IEEE Region 10 Conference
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3418	TENCON 2007 - 2007 IEEE Region 10 Conference
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3426	TENCON 2017 - 2017 IEEE Region 10 Conference
3427	TENCON 2018 - 2018 IEEE Region 10 Conference
3428	TENCON 2019 - 2019 IEEE Region 10 Conference (TENCON)
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3430	Tenth IEEE International Conference on Computer Vision (ICCV'05) Volume 1
3431	Test and Measurement (ICTM), International Conference on
3432	Test Conference, IEEE International
3433	Test Symposium (ETS), IEEE European
3434	Testing: Academic and Industrial Conference - Practice And Research Techniques (TAICPART)
3435	Textile, Fiber and Film Industry, IEEE Technical Conference
3436	The 12th IEEE International Conference on Fuzzy Systems, 2003. FUZZ '03.
3437	The 14th IEEE International Conference on Fuzzy Systems, 2005. FUZZ '05.
3438	The 15th Annual Meeting of the IEEE Lasers and Electro-Optics Society
3439	The 16th Annual Meeting of the IEEE Lasers and Electro-Optics Society, 2003. LEOS 2003.
3440	The 17th Annual Meeting of the IEEE Lasers and Electro-Optics Society, 2004. LEOS 2004.
3441	The 17th Annual Meeting of the IEEE Lasers and Electro-Optics Society, 2004. LEOS 2004.
3442	The 17th Annual SEMI/IEEE ASMC 2006 Conference
3443	The 2002 45th Midwest Symposium on Circuits and Systems, 2002. MWSCAS-2002.
3444	The 2004 47th Midwest Symposium on Circuits and Systems, 2004. MWSCAS '04.
3445	The 2006 IEEE International Joint Conference on Neural Network Proceedings
3446	The 2010 International Joint Conference on Neural Networks (IJCNN)
3447	The 2011 International Joint Conference on Neural Networks
3448	The 2012 International Joint Conference on Neural Networks (IJCNN)
3449	The 2013 International Joint Conference on Neural Networks (IJCNN)
3450	The 23rd Digital Avionics Systems Conference (IEEE Cat. No.04CH37576)
3451	The 25th International Telecommunications Energy Conference, 2003. INTELEC '03.
3452	The 26th Annual International Conference of the IEEE Engineering in Medicine and Biology Society
3453	The 30th International Conference on Plasma Science, 2003. ICOPS 2003. IEEE Conference Record - Abstracts.
3454	The 31st IEEE International Conference on Plasma Science, 2004. ICOPS 2004. IEEE Conference Record - Abstracts.
3455	The 33rd IEEE International Conference on Plasma Science, 2006. ICOPS 2006. IEEE Conference Record - Abstracts.
3456	The 43rd Annual IEEE Symposium on Foundations of Computer Science, 2002. Proceedings.
3457	The 57th IEEE Semiannual Vehicular Technology Conference, 2003. VTC 2003-Spring.
3458	The Fourth International Conference on Advanced Semiconductor Devices and Microsystem
3459	The Ninth Intersociety Conference on Thermal and Thermomechanical Phenomena In Electronic Systems (IEEE Cat. No.04CH37543)
3460	The Sixteenth Annual International Conference on Micro Electro Mechanical Systems, 2003. MEMS-03 Kyoto. IEEE

3461	The Thrity-Seventh Asilomar Conference on Signals, Systems & Computers, 2003
3462	The Twelfth International Symposium on High-Performance Computer Architecture, 2006.
3463	Thermal and Thermomechanical Phenomena in Electronic Systems (ITHERM), Intersociety Conference on
3464	Thermal and Thermomechanical Proceedings 10th Intersociety Conference on Phenomena in Electronics Systems, 2006. IOTHERM 2006.
3465	Thirty-Sixth Southeastern Symposium on System Theory, 2004. Proceedings of the
3466	Tools for Artificial Intelligence (ICTAI), International Conference on
3467	Transmission and Distribution Conference and Exhibition: Asia and Pacific, IEEE/PES
3468	Transmission and Distribution Conference and Exposition, IEEE PES
3469	Transmission and Distribution Construction, Operation and Live-Line Maintenance (ESMO), IEEE International Conference on
3470	Twentieth Annual IEEE Applied Power Electronics Conference and Exposition, 2005. APEC 2005.
3471	Twentieth Annual IEEE Semiconductor Thermal Measurement and Management Symposium (IEEE Cat. No.04CH37545)
3472	Twentieth IEEE International Symposium on Computer-Based Medical Systems (CBMS'07)
3473	Twenty Fourth IEEE/CPMT International Electronics Manufacturing Technology Symposium (Cat. No.99CH36330)
3474	Twenty Second IEEE/CPMT International Electronics Manufacturing Technology Symposium. IEMT-Europe 1998. Electronics Manufacturing and Development for Automotives (Cat. No.98CH36204)
3475	Twenty Sixth IEEE/CPMT International Electronics Manufacturing Technology Symposium (Cat. No.00CH37146)
3476	Twenty Third IEEE/CPMT International Electronics Manufacturing Technology Symposium (Cat. No.98CH36205)
3477	Twenty-First Annual IEEE Applied Power Electronics Conference and Exposition, 2006. APEC '06.
3478	Twenty-Second Annual IEEE Conference on Computational Complexity (CCC'07)
3479	Twenty-Second Annual IEEE Semiconductor Thermal Measurement And Management Symposium
3480	Twenty-Third Annual IEEE Semiconductor Thermal Measurement and Management Symposium
3481	Ubiquitous Information Technologies and Applications (ICUT), International Conference on
3482	Ultrasonic Industry Association (UIA), Annual Symposium of the
3483	Ultrasonics, IEEE Symposium (IUS)
3484	Universal Multiservice Networks (ECUMN), European Conference on
3485	Universities Power Engineering Conference (UPEC), International
3486	University as a Bridge from Technology to Society. IEEE International Symposium on Technology and Society (Cat. No.00CH37043)
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3488	University/Government/Industry Microelectronics Symposium
3489	Vehicular Electronics and Safety (ICVES), IEEE International Conference on
3490	Vehicular Networking Conference (VNC), IEEE
3491	Vehicular Technology (VTC), IEEE Conference
3492	Vehicular Technology Conference Fall 2000. IEEE VTS Fall VTC2000. 52nd Vehicular Technology Conference (Cat. No.00CH37152)

3493	Vehicular Technology Conference. IEEE 55th Vehicular Technology Conference. VTC Spring 2002 (Cat. No.02CH37367)
3494	VIMS 2001. 2001 IEEE International Workshop on Virtual and Intelligent Measurement Systems (IEEE Cat. No.01EX447)
3495	Virtual and Intelligent Measurement Systems, IEEE International Workshop on
3496	Virtual Reality, IEEE Annual International Symposium
3497	Virtualization Technology in Distributed Computing (VTDC), International Workshop on
3498	VIS 05. IEEE Visualization, 2005.
3499	Visual Media Production (CVMP), Conference for
3500	Visualization, IEEE Conference on
3501	VLSI Circuits, Symposium on
3502	VLSI Technology, Symposium
3503	VLSI, IEEE Computer Society Annual Symposium on
3504	VLSI, IEEE Computer Society Workshop on
3505	VTC '98. 48th IEEE Vehicular Technology Conference. Pathway to Global Wireless Revolution (Cat. No.98CH36151)
3506	VTC Spring 2008 - IEEE Vehicular Technology Conference
3507	VTC Spring 2009 - IEEE 69th Vehicular Technology Conference
3508	VTC-2005-Fall. 2005 IEEE 62nd Vehicular Technology Conference, 2005.
3509	VTC2000-Spring. 2000 IEEE 51st Vehicular Technology Conference Proceedings (Cat. No.00CH37026)
3510	Wavelet Analysis and Pattern Recognition (ICWAPR), International Conference on
3511	Web Systems Evolution, International Symposium on
3512	WESCON
3513	Wescon/98. Conference Proceedings (Cat. No.98CH36265)
3514	Wireless Communication and Sensor Networks, International Conference on
3515	Wireless Days, WD, IFIP
3516	Wireless Networks and Information Systems (WNIS), International Conference on
3517	WSC'99. 1999 Winter Simulation Conference Proceedings. 'Simulation - A Bridge to the Future' (Cat. No.99CH37038)
3518	XXIst International Symposium on Discharges and Electrical Insulation in Vacuum, 2004. Proceedings. ISDEIV.
3519	Bell Labs Technical Journal
3520	China Communications
3521	Computer
3522	Computing in Science & Engineering
3523	IEEE Aerospace and Electronic Systems Magazine
3524	IEEE Annals of the History of Computing
3525	IEEE Antennas and Propagation Magazine
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3530	IEEE Communications Letters
3531	IEEE Communications Magazine
3532	IEEE Communications Standards Magazine
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- **NATIONAL DIGITAL LIBRARY(NDL) SUBSCRIPTION DETAILS**



This is to certify that "**SRI SAI RAM INSTITUTE OF TECHNOLOGY**" is registered as a NDLI Club under the National Digital Library of India.

Registration Number:
INTNCDYS7BZARA
Date Of Registration: 08/04/2021
Valid Upto: 23/07/2022

पार्थप्रतिम दास

Dr. Partha Pratim Das
Joint Principal Investigator
National Digital Library of India Project
Indian Institute of Technology
Khuragpur

NDLI CLUB PARTNER



National
Digital Library
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Librarian SIT <librarian@sairamit.edu.in>

Approval of request of SRI SAI RAM INSTITUTE OF TECHNOLOGY for Institutional registration in NDL

1 message

NDL-Support <ndl-support@iitkgp.ac.in>
To: librarian@sairamit.edu.in

Wed, Jan 11, 2017 at 3:18 PM

Dear THARINNI MAI T.N.M,

Your request for Institutional registration facility in NDL is approved. Please register all the users (students, research scholars, faculty members and staff) of SRI SAI RAM INSTITUTE OF TECHNOLOGY, who are not yet registered in NDL, by clicking the "Add User" button of the NDL portal available to you after you login to NDL (<https://ndl.iitkgp.ac.in>).

There are two options: Single User Registration and Bulk User Registration. Single User Registration is self-explanatory. For Bulk User Registration please prepare CSV file, strictly as per the following format, and then upload the file:

- ◆ e-mail id (of user)*
- First Name (of user)*
- Last Name (of user)

Note that the e-mail id and First Name are mandatory for each person but Last Name is optional. Also there should not be more than 1000 (One Thousand only) users in a CSV file. The registration process gets completed once the registration mails are sent to all the users listed in the file. It may take some time to complete this mail sending process and you may observe the status in the tab "Status".

In case you need to register more than 1000 users, please do this by making multiple files, each file not containing more than 1000 users, and uploading each file separately, and one by one. The next file should be uploaded only when the registration process for the previous file is completed, which may be confirmed from the "Status" tab.

Since new students, faculty, staff join every 6 months, please collect details of new users enrolled in SRI SAI RAM INSTITUTE OF TECHNOLOGY every 6 month period and get them registered in NDL.

If you face any problem or need any clarification, please get in touch with us at ndl-support@iitkgp.ac.in.

We solicit your cooperation in getting all users of SRI SAI RAM INSTITUTE OF TECHNOLOGY registered in NDL regularly.

Let's all enjoy NDL!

Best Regards,

9. Fee

• Details of Fee, as approved by State Fee Committee, for the Institution	Accredited : Rs.55,000/- Non-Accredited : Rs.50,000/-								
• Time schedule for payment of Fee for the entire Programme	As per the Anna University Norms								
• No. of Fee waivers granted with amount and name of students	Academic Year 2021 – 2022 2098 students Rs.34563250/-								
• Number of scholarship offered by the Institution, duration and amount	<table border="1"> <thead> <tr> <th>Duration</th> <th>Amount in Rs.</th> </tr> </thead> <tbody> <tr> <td>2018-19</td> <td>8310100</td> </tr> <tr> <td>2019-20</td> <td>10746000</td> </tr> <tr> <td>2020-21</td> <td>14756600</td> </tr> </tbody> </table>	Duration	Amount in Rs.	2018-19	8310100	2019-20	10746000	2020-21	14756600
Duration	Amount in Rs.								
2018-19	8310100								
2019-20	10746000								
2020-21	14756600								
• Criteria for Fee waivers/scholarship									
• Estimated cost of Boarding and Lodging in Hostels	1,00,000/-								
• Any other fee please specify									

10. Admission

	2021-2022	2020-2021	2019-2020
Number of seats sanctioned with the year of approval	1548	1518	1416
Number of Students admitted under various categories each year in the last three year	1463	1485	1315
Number of applications received during last two years for admission under Management Quota and number admitted			

11. Admission Procedure

Mention the admission test being followed, name and address of the Test Agency/State Admission Authorities and its URL (website)	For B.E/B. Tech, TNEA (Tamil Nadu Engineering Admissions, Anna University, Chennai – 600 025)
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	https://www.tneaonline.org/ For M.E, TANCET (Tamil Nadu Common Entrance Test, Anna University, Chennai – 600 025)
Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test etc.)	Association Conducted Test

• Calendar for admission against Management/vacant seats:	
• Last date of request for applications	As fixed and directed by the CET (Consortium of Self-Financing Professional, Arts and Science Colleges in Tamil Nadu), the sequences in the process are followed.
• Last date of submission of applications	
• Dates for announcing final results	
• Release of admission list (main list and waiting list shall be announced on the same day)	
• Date for acceptance by the candidate (time given shall in no case be less than 15days)	As per the direction of Affiliating University (Anna University, Chennai) and Directorate of Technical Education.
• Last date for closing of admission	
• Starting of the Academic session	
• The waiting list shall be activated only on the expiry of date of main list	Yes
• The policy of refund of the Fee, in case of withdrawal, shall be clearly notified	

12. Criteria and Weightages for Admission

Code	Branch	YearEstb	2013	2014	2015	2016	2017	2018	2019
CE	CivilEngineering	2013	186.75	187.25	187.50	153.25	165.25	118.25	131.00
CS	ComputerScienceandEngg.	2008	184.50	187.75	189.00	179.50	182.25	172.75	159.00
EC	ElectronicsandCommEngg.	2008	187.50	190.25	191.00	182.25	184.75	160.50	157.00
EE	ElectricalandElec.Engg.	2008	185.50	188.25	189.00	172.00	176.00	96.25	148.00
IT	InformationTechnology	2008	181.75	184.25	186.50	171.75	175.75	154.00	150.00
ME	MechanicalEngineering	2011	188.00	190.00	190.25	175.25	179.50	142.50	126.50

SAIRAM INSTITUTE OF TECHNOLOGY

TNEACODE: 1324

SAIRAM INSTITUTE OF TECHNOLOGY

TNEA CODE: 1324

Code	Branch	YearEstb	2013	2014	2015	2016	2017	2018	2019
CE	CivilEngineering	2013	185.25	185.25	186.25	-	159.50	-	112.50
CS	ComputerScienceandEngg.	2008	182.50	186.00	187.75	164.75	179.50	164.75	146.00
EC	ElectronicsandCommEngg.	2008	186.50	189.25	190.00	147.25	182.50	147.25	147.50
EE	ElectricalandElec.Engg.	2008	183.75	186.75	188.00	171.00	121.00	-	-
IT	InformationTechnology	2008	178.50	182.75	185.25	145.25	170.25	145.25	140.50
ME	MechanicalEngineering	2011	186.50	188.75	189.25	108.75	174.75	108.75	89.00

<ul style="list-style-type: none"> Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc 	
<ul style="list-style-type: none"> Mention the minimum Level of acceptance, if any 	
<ul style="list-style-type: none"> Mention the cut-off Levels of percentage and percent ile score of the candidates in the admission test for the last three years 	
<ul style="list-style-type: none"> Display marks scored in Test etc. and in aggregate for all candidates who were admitted 	

13. List of Applicants

<ul style="list-style-type: none">• List of candidate whose applications have been received along with percentile/percentages core for each of the qualifying examination in separate categories for open seats. List of candidate who have applied along with percentage and percentile score for Management quota seats (merit wise)	The merit list approved by CET. (Consortium of Self-Financing Professional, Arts and Science Colleges in Tamil Nadu, Chennai-600014)
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14. Results of Admission Under Management seats/Vacant seats

15. • Composition of selection team for admission under Management Quota with the brief profile of members (This information be made available in the public domain after the admission process is over)

16. Admission List to be fixed

<ul style="list-style-type: none">• Score of the individual candidate admitted arranged in order or merit	Adhering to the merit list approved by CET. (Consortium of Self-Financing Professional, Arts and Science Colleges in Tamil Nadu, Chennai-600014)
<ul style="list-style-type: none">• List of candidate who have been offered admission	
<ul style="list-style-type: none">• Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate	
<ul style="list-style-type: none">• List of the candidate who joined within the date, vacancy position in each category before operation of waiting list	

Good Practices followed at Sri Sai Ram Institute of Technology

A. Academic

1. The College prepares a detailed academic calendar at the beginning of every academic year and all activities are carried out while strictly adhering to the same.
2. Week-long orientation programmes for newly admitted students are conducted at the beginning of every academic year. The students are familiarized with the facilities and the scope which the College offers and made known the expectations bestowed upon them.
3. The Central Library, which has a vast repository of books, journals, periodicals and online resources, is ably supported by the dedicated staff which works till mid-night.
4. A *Comprehensive and Continuous Evaluation* process has been adopted for all programmes of study in the College. The *semester system* is in place since inception. The Choice Based Credit System (CBCS) is also in place for all programmes of study.
5. The College gives emphasis on experimental laboratories and undergraduate research.
6. The students and faculty are incentivised for cutting-edge research. Exceptional research work is also appreciated in public forum. Due recognition is also accorded to students who excel in various co-curricular activities like quiz, debates, drama, music, orchestra *etc.*
7. The students are encouraged to do *summer and winter internships* at reputed institutions and industries outside.
8. There is an active Innovation Club in the College. The Centre for Innovation, Incubation and Entrepreneurship has been established to encourage the students in

innovation.

9. The College, in order to recognize the contributions of faculty, has instituted the 'Anniversary Teacher Award' for the faculty members who have made significant contribution towards innovative teaching that has impacted society, conducted quality research that has added new knowledge in a particular domain, has industrial applications and whose efforts have been nationally and internationally recognized.
10. The Institute has implemented Artificial Intelligence enabled SAIL app for students to increase their knowledge level.

B. Administration

1. The Principal regularly holds separate interactions with all sections of students and employees at the beginning of every session.
2. The administrative processes of the College are fast and prompt without any room for unnecessary delay. Services are rendered to all stakeholders in minimum possible time without compromising on the quality.
3. The College maintains a *ragging free* campus. Utmost care is taken to make the newly admitted students feel at home right from the beginning through participatory involvement of all stakeholders. Ice-breaking sessions at Departments and Hostels are conducted under the supervision of faculty members and wardens to break the inertia between the new and the continuing students so that a cordial environment is created.
4. The students are part of various decision making processes of the College and find representation in all the fora like the Research Committee, Board of Studies, Departmental Advisory Committee, Departmental Research Committee *etc.* 50 percent representation of female students in all fora is encouraged.
5. The College encourages *Green Practices* by introducing energy conservation measures and prioritizing the use of renewable energy. Solar water heaters have been placed in the hostels. Quite a good number of the campus street lights are powered by solar photo-voltaic cells. A food waste based bio-gas generation facility has been put into operation and the use of LPG in Hostel messes has been partially replaced. The College has adopted a policy of replacing the conventional lights with the energy efficient LED.

6. The College emphasises on imparting training for holistic development of all employees. Such programmes include: a. Induction programme for new teachers, b. Orientation Programme for the continuing teachers, c. In-house training programmes for administrative / ministerial staff, d. Refresher courses for technical staff *etc.* Staff members are also deputed for training at NITTTR, Chennai *etc.*
7. The College maintains a 24x7 security arrangement supervised by a Security Committee consisting of faculty members and officers. There is a single point entry under the round the clock watch of security personnel. CCTV cameras are installed at the vital locations of the campus.
8. The College maintains an impeccably clean campus including all roads, buildings and public toilets. The provision for public toilets has also been made at different locations which ensure that the campus remains free of open urination.
9. The College strictly maintains a '*Tobacco free*' policy in public on the campus.
10. The Best performing non-teaching Group 'B' and 'C' employees are given recognition every year and presented with Cash Awards and Certificates on the Founder's Day of the College.
11. The College emphasises on Training Needs Identification (TNI) for non-teaching staff to know from the employees about their opinion on the topics on which they wish to get trainings.
12. The College follows the practice of maintaining a separate career portal for applicants who apply for different post(s) in response to various recruitment drives.

C. Support Services

1. The College has a Centre for Inclusive Development looking into the affairs of SC/STs, Counseling, Placement activities *etc.*
2. Student Mentoring is done at the Departmental level. Each faculty member is assigned a small group of students to mentor for their overall development.
3. All the hostels have been connected with *wifi* network for internet connectivity. There are also provisions for indoor games at the hostels. The hostel ambience is maintained beautifully with a dedicated team for gardening.
4. The College provides financial support to the needy students.
5. The College also provides vehicles for all staff and differently-abled students to commute in the campus.

6. In order to facilitate sporting activities without hampering normal academic activities during day time, the College provides evening sports facility with flood-lit playgrounds for football, volleyball, tennis, basketball, *etc.*, state-of-the-art indoor stadium and gymnasium.
7. A Yoga Centre has been set up for the benefit of all the campus dwellers and Yoga is offered as an add-on course to students.
8. The College has round the clock medical facilities. There is a well-equipped health centre with qualified doctors, medical technicians, ambulance and well set-up labs. An uninterrupted telephone network connects all stakeholders in case of emergency medical needs; be it doctors or ambulance services.
9. First Aid Boxes are placed in all the hostels for emergency medical needs.
10. The College facilitates group insurance for all the students and staff .
11. Psychological counselling sessions are organized for students to address their various psychological needs.
12. The College students are encouraged to earn while they learn.

D. Outreach

1. Various activities under the *Community Outreach Programme* are periodically conducted by students and faculties / administration. Under this Programme, five villages have already been adopted. The students and faculties voluntarily take tutorial classes for the under-privileged children in the nearby schools, among others. On receipt of requests, the College conducts short-term certificate programmes in communicative English for the benefit of the students and teachers of the neighbourhood.
2. With an objective of maintaining a sound relationship with the neighbouring populace, periodic interactions are held with the Village Panchayat members / presidents and leading personalities of the villages in the vicinity.
3. The College takes initiative to establish a vibrant and mutually beneficial relationship with the industry. To this direction, the College has already entered into MoUs with three reputed PSUs.
4. The visit of students from Schools and Colleges from any part of the State / Region is encouraged and interactions with different departments / laboratories / Central Library are facilitated.