

1.2.1 Percentage of new courses introduced out of the total number of courses across all programmes offered during the last five years.



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MINUTES OF FIRST ACADEMIC COUNCIL MEETING

The 2nd and 3rd Academic Council (AC) meeting of Sri Sairam Institute of Technology was conducted on 23.12.2021 through online (ZOOM) mode at 10.30 AM (IST). The following members were present.

Dr.K.Palanikumar

Principal

Sri Sai Ram Institute of Technology

West Tambaram

Chennai

Chairman

EXTERNAL MEMBERS:

Dr.K.Sankaranarayananasamy

Director

National Institute of Technology

Puducherry

Thiruvettakudy, Karaikal

Senior Member

Dr.K.Sundareswaran

Senior Professor

Department of EEE

National Institute of Technology

Tiruchirappalli

University Nominee

Prof.Banshidhar Majhi

Vice Chancellor

Veer Surendra Sai University of Technology,

Burla, Sambalpur, Odisha,

India. PIN:768018

University Nominee

Prof.Dr.Sudhindra Nath panda

Dean (Faculty and Academic Affairs)

School of Engineering and Applied Sciences

SRM University AP,

Neerukonda, Mangalagiri

Guntur District, Andhra Pradesh 522240

University Nominee

Dr.I.A.Palani

Dean (Research & Development)

Indian Institute of Technology Indore

Khandwa Road, Simrol

Indore

Member

Mr.Vasudevan Rajagopalan

Head-Talent Acquisition(India)

Tata Consultancy Services

Thoraipakkam

Chennai

Member

Dr.R.Venkatesan
Scientist 'G' & Programme Director
National Institute of Ocean Technology
Pallikaranai
Chennai

Member

INTERNAL MEMBERS

Dr.S.Rajarajan
Dean - Academics
Sri Sai Ram Institute of Technology
West Tambaram
Chennai

Member Secretary

Dr.G.Thamaraiselvi
Head of the Department
Department of ECE
Sri Sai Ram Institute of Technology
West Tambaram
Chennai

Member

Dr.B.Sreedevi
Head of the Department
Department of CSE
Sri Sai Ram Institute of Technology
West Tambaram
Chennai

Member

Dr.G.Prakash
Head of the Department
Department of EEE
Sri Sai Ram Institute of Technology
West Tambaram
Chennai

Member

Dr.S.Murali
Head of the Department
Department of Mechanical Engineering
Sri Sai Ram Institute of Technology
West Tambaram
Chennai

Member

Dr.G. Shanmugasundar
Dean (R&D)
Sri Sai Ram Institute of Technology
West Tambaram
Chennai

Member

Dr.C.R.Senthilnathan
Head of the Department
Department of MBA
Sri Sai Ram Institute of Technology
West Tambaram
Chennai

Member

Dr.Rathika **Member**
Associate Professor
Department of Chemistry
Sri Sai Ram Institute of Technology
West Tambaram
Chennai

Dr.V.Brindhadevi **Member**
Head of the Department
Department of IT
Sri Sai Ram Institute of Technology
West Tambaram
Chennai

Mr.V.Balaji **Member**
Associate Professor
Department of Mathematics
Sri Sai Ram Institute of Technology
West Tambaram
Chennai

Dr.K.PALANIKUMAR, the Chairman of Academic council opened the meeting by welcoming all the members. He explained that this meeting is treated as 2nd and 3rd meeting due to Corona Pandemic. As all the members have given their consent in the email already, for the previous activities, the minutes are registered for 2nd and 3rd meeting. **Dr S.Rajarajan, Dean (Academics)** placed the following agenda for the deliberations and discussions by the members. The extracts of the deliberations of the meeting are as follows.

AC.SIT.21.02.01: To review the Previous meeting action points and Action taken.

1. All the action points discussed in the previous academic council meeting have been reviewed.
2. Dr.R.Venkatesan appreciated the efforts taken for implementing the action points into action.
3. All other members were also accepted the action taken report submitted for the due approval.

Resolved to approve the action points of previous meeting and accepted the action taken.

AC.SIT.21.02.02: To review and approve the minutes of BoS of the seven Engineering UG Programmes in CSE, AI-DS, CCE, IT, ECE, EEE, and MECH for the 3rd and 4th semesters.

1. **Dr.K.Sankaranarayanan** expressed the following points:
 - a) Need to Check the credits point of some Practical Courses - 1.5 credit
 - b) Fourth Semester Credit of B.Tech (AI & DS) needs to be reduced

- c) M.E Industrial Safety –For the Paper Data Analytics –credits need to be checked.
- d) Proposal of conducting mock test before End Semester Exam.
- e) Suggested to arrange an Industry person for handling elective papers for MBA Programme.

2. Dr.Sudhindra Nath Panda discussed the following points.

- a) Live-in Labs need to be collaborated with Industry
- b) Outcome of the implementation of live-in-lab in terms of Patent, Publication need to be shown
- c) For each elective specialization of MBA curriculum increase the number of courses.
- d) Suggested to coin a Mission to attract foreign students.
- e) In MBA, IPR need to be given more priority.
- f) Suggested to check the syllabus and curriculum of IIT –Kharagpur for specialized subjects in MBA.

3. Dr.R.Venkatesan suggested the following points.

- a) Suggested to separate Fluid mechanics and Machinery subjects in Mechanical Engineering.
- b) He emphasized the thermodynamics basics which are much needed for higher studies.
- c) He added that the number of Practicals for AI&DS course may be reduced.
- d) For MBA Programme, International Business Management he suggested to refer IISC syllabus
- e) He strongly insisted to have a law course in MBA.

4. Dr.I.A.Palani suggested the following points.

- a) He asked the clarity of mixing Theory and Laboratory courses like Linear Integrated Circuits.
- b) He mentioned that the content of Bio medical Signal and Image Processing and suggested to shift it to higher semester.

5. Dr.Bhanshidar Mahji suggested the following points.

- a) Name of the Subject Bio medical Signal and Image Processing may be changed in AI & DS
- b) This subject may be kept as Image Processing separately and Bio medical signals and imaging separately.

Resolved to approve the minutes of BoS of the seven Engineering UG Programmes in CSE, AI-DS, CCE, IT, ECE, EEE, and MECH for the 3rd and 4th semesters.

AC.SIT.21.02.03: To review and approve the minutes of BoS of the Two Engineering PG Programmes ISE, Big Data & Management PG Programme MBA

The following points had been suggested by all the members,

- a) Suggested to conduct mock test before End Semester Exam for PG programmes also.
- b) Suggested to arrange an Industry person for handling elective papers for MBA Programme.
- c) For each elective specialization of MBA curriculum increase the number of courses.
- d) Suggested to coin a Mission to attract foreign students.

- e) In MBA, IPR need to be given more priority.
- f) Suggested to check the syllabus and curriculum of IIT –Kharagpur for specialized subjects in MBA.
- g) Strongly insisted to have a law course in MBA.

Resolved to approve the minutes of BoS of the Two Engineering PG Programmes ISE, Big Data & Management PG Programme MBA

AC.SIT.21.02.04: To review and approve the Annual Quality Assurance Report for the year (2020-21) to be submitted to the NAAC.

- a) With back and forth discussions among the Chairman, IQAC Coordinator Dr.S.Murali and all remaining members, the Annual Quality Assurance Report have been reviewed.
- b) They insisted to include all the missing activities/events in the Annual Quality Assurance Report.

Resolved to approve the Annual Quality Assurance Report for the year (2020-21) to be submitted to the NAAC.

AC.SIT.20.02.05: To submit the published results of previous semesters.

- a) The Dean (Academics) submitted the results of previous Odd and Even semesters for the Academic year 2020-21 for the academic council members.

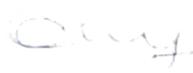
AC.SIT.21.02.06: To approve the physical offline mode of examination for the current ODD semester.

- a) The forth coming Semester (AY 2021-22 ODD) is to be conducted in OFFLINE physical mode. This request was submitted in front of the Council for approval.

Resolved to adopt the physical offline mode of examination for the current ODD semester.

The Academic Council meeting of Sri Sai Ram Institute of Technology ended with vote of thanks by **Dr.G.ThamaraiSelvi**, Controller of Examinations.

The following members were present during this Academic Council meeting.


(Dr.K.Sankaranarayanan)
National Institute of Technology
Puducherry.
Thiruvettakudy, Karaikal.


(Dr.K.Sundareswaran)
Senior Professor
Department of EEE
National Institute of Technology
Tiruchirappalli


(Prof.Dr.Sudhindra Nath panda)
Dean (Faculty and Academic Affairs)
School of Engineering and Applied
Sciences, SRM University (AP).


(Prof.Banshidhar Majhi)
Vice Chancellor
Veer Surendra Sai University of
Technology,
Burla, Sambalpur, Odisha,
India. PIN:768018


(Mr.Vasudevan Rajagopalan)
Head-Talent Acquisition(India)
Tata Consultancy Services
Thoraipakkam
Chennai


(Dr.R.Venkatesan)
Scientist 'G' & Programme Director
National Institute of Ocean Technology
Pallikaranai
Chennai

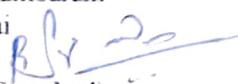

(Dr.J.A.Palani)
Dean (Research & Development)
Indian Institute of Technology Indore
Khandwa Road, Simrol
Indore.

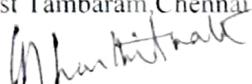

(Dr.S.Rajarajan)
Dean – Academics
Sri Sai Ram Institute of Technology
West Tambaram, Chennai


(Dr.G. Shanmugasundar)
Dean(R&D)
Department of Mechanical Engineering
Sri Sai Ram Institute of Technology
West Tambaram, Chennai


(Dr.G.Thamaraiselvi)
Head of the Department
Department of ECE
Sri Sai Ram Institute of Technology
West Tambaram
Chennai


(Dr.S.Murali)
Head of the Department/
IQAC Coordinator
Department of Mechanical Engineering
Sri Sai Ram Institute of Technology
West Tambaram, Chennai


(Dr.B.Sreedevi)
Head of the Department
Department of CSE
Sri Sai Ram Institute of Technology
West Tambaram, Chennai.


(Dr.C.R.Senthilnathan)
Head of the Department/MBA
Sri Sai Ram Institute of Technology
West Tambaram, Chennai.

(Dr. Rathika)
Head of the Department (S&H)
Department of Chemistry
Sri Sai Ram Institute of Technology
West Tambaram, Chennai

(Dr. Su. Suganthi)
Head of the Department/CCE
Sri Sai Ram Institute of Technology
West Tambaram,
Chennai

(Dr. V. Brindha Devi)
Head of the Department
Department of IT
Sri Sai Ram Institute of Technology
West Tambaram, Chennai

(Dr. M. Priya)
Head of the Department/AI&DS
Sri Sai Ram Institute of Technology
West Tambaram
Chennai

(Dr. G. Prakash)
Head of the Department
Department of EEE
Sri Sai Ram Institute of Technology
West Tambaram, Chennai.

(Mr. V. Balaji)
Associate Professor
Department of Mathematics
Sri Sai Ram Institute of Technology
West Tambaram, Chennai

(Dr. K. Palanikumar)
Chairman (Academic Council)
Principal
Sri Sai Ram Institute of Technology
West Tambaram
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Date: 27.07.2021

No.SSIT, Ch-44/CSE/BOS-2/2021

NOTICE

A Second meeting of the **Board of Studies** in **Department of Computer Science and Engineering** will be held at 10.00 a.m. on **Saturday the 31st July 2021** through online mode for our Sri Sai Ram Institute of Technology, Chennai-44.

The meeting I.D & Password will be sent through email.
Sitting fee will be paid as per Rules.
Kindly make it convenient to attend the meeting.


PRINCIPAL

AGENDA

- 1 Recommendation regarding the curriculum and syllabus of UG –CSE and PG –M.E.
Big Data Analytics.
- 2 Others, if any



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To

Department of Computer Science and Engineering

Board of Studies (BOS) Members

SL NO	NAME	DESIGNATION
1	Dr.K.Devaki	Professor / Rajalakshmi Engineering College, Rajalakshmi Nagar , Thandalam,Tamil Nadu-602105
2	Dr.K.Selva Kumar	Professor & Head Of Department / IT, Annamalai University, Chidambaram - 608002.
3	Mr.R .Sundar	Scientist -D, National Institute of Ocean Technology, Velacherry - Tambaram Main road, Narayanapuram , Pallikaranai, Chennai -600100
4	Mr.R.Karthick	Associate Director ,Ramco Systems, No. 64, Sardar Patel Rd, Sriram Nagar, Tharamani ,Chennai, Tamilnadu 600113.
5	Mr. King Prakatheesh.C	Software Engineer, Chennai.
6	R.Priyadharshini	Senior Software Engineer, Chennai.
7	Dr.B.Sreedevi	Professor & Head of the Department, Department of CSE, Sri Sai Ram Institute of Technology, Chennai.
8	Dr.V.Brindha Devi	Professor & Head of the Department, Department of IT, Sri Sai Ram Institute of Technology, Chennai.
9	Dr. D.Muruga Radha Devi	Professor, Department of IT, Sri Sai Ram Institute of Technology, Chennai.
10	Dr.K.C.Suresh	Associate Professor, Department of CSE, Sri Sai Ram Institute of Technology, Chennai.
11	Mrs.D.Rajalakshmi	Assistant Professor, Department of CSE, Sri Sai Ram Institute of Technology, Chennai.
12	Mrs.K.Anuradha	Assistant Professor, Department of IT, Sri Sai Ram Institute of Technology, Chennai.



Sri

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AGENDA

- BOS.CSE.21.02.01** To review and approve the action taken on reformatations planned in first BOS.
- BOS.CSE.21.02.02** To review and approve the additional Elective courses included in the B.E. CSE Programme Curriculum.
- BOS.CSE.21.02.03** To review and approve the curriculum and syllabus of 3rd and 4th Semester UG Programme in B.E. /CSE. The members recommended the following.
- BOS.CSE.21.02.04** To review and approve the Curriculum and Syllabus of Courses to be offered to B.E. ECE Programme and B.E. EEE Programme.
- BOS.CSE.21.02.05** List of Professional and Open Elective Courses in B.E. Computer Science and Engineering Programme.
- BOS.M.E.21.02.01** To review and approve the action taken on reformatations planned in first BOS.
- BOS.M.E.21.02.02** To review and approve the Curriculum and Syllabi of M.E. Big Data Analytics.



Department of Computer Science and Engineering Minutes of the Second Board of Studies meeting

The Second Board of Studies (BOS) meeting of the department of CSE was conducted on 31.07.2021 through online mode (ZOOM) at 10.00A.M (IST). Following members were present.

- | | |
|---|---|
| 1. Dr.K.Devaki
Professor / Rajalakshmi Engineering College,
Rajalakshmi Nagar, Thandalam, Tamil Nadu
602105 | External stakeholder
(University Representative) |
| 2. Dr.K.Selva kumar
Professor & Head Of Department / IT
Annamalai University
Chidambaram -608002. | External stakeholder
(Subject Expert) |
| 3. Mr.R .Sundar
Scientist -D,
National Institute of Ocean Technology
Velacherry - Tambaram Main road,
Narayanapuram , Pallikaranai, Chennai -600100 | External stakeholder
(Subject Expert) |
| 4. Mr.R.Karthick
Associate Director, Ramco Systems
No. 64, Sardar Patel Rd, Sriram Nagar,
Tharamani, Chennai, Tamilnadu 600113. | External stakeholder
(Industrial Expert) |
| 5. Mr.King Pratheesh.C
Software Engineer
Chennai. | External stakeholder
(Alumni Member) |
| 6. R.Priyadharshini
Senior Software Engineer
Chennai. | External stakeholder
(Alumni Member) |
| 7. Dr.B.Sreedevi | Internal stakeholder |
| 8. Dr.V.Brindha Devi | Internal stakeholder |
| 9. Dr. D.Muruga Radha Devi | Internal stakeholder |
| 10. Dr.K.C.Suresh | Internal stakeholder |
| 11. Mrs.D.Rajalakshmi | Internal stakeholder |
| 12. Mrs.K.Anuradha | Internal stakeholder |
| 13. Dr B.Sreedevi
Professor & Head, CSE
Sri Sai Ram Institute of Technology | Chairman, BOS/CSE |

Dr B.Sreedevi, Chairman of BOS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberations and discussions of the members. The following are the deliberations made during the meeting (as per the items of the circulated agenda).



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Department of Computer Science and Engineering Minutes of the Second Board of Studies meeting

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1. Dr.K.Devaki
Professor / Rajalakshmi Engineering College.,
Rajalakshmi Nagar, Thandalam, Tamil Nadu
602105
External stakeholder
(University Representative)
2. Dr.K.Selva kumar
Professor & Head Of Department / IT
Annamalai University
Chidambaram -608002.
External stakeholder
(Subject Expert)
3. Mr.R .Sundar
Scientist -D,
National Institute of Ocean Technology
Velacherry - Tambaram Main road,
Narayanapuram , Pallikaranai, Chennai -600100
External stakeholder
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4. Mr.R.Karthick
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Internal stakeholder
8. Dr.V.Brindha Devi
Internal stakeholder
9. Dr. D.Muruga Radha Devi
Internal stakeholder
10. Dr.K.C.Suresh
Internal stakeholder
11. Mrs.D.Rajalakshmi
Internal stakeholder
12. Mrs.K.Anuradha
Internal stakeholder
13. **Dr B.Sreedevi**
Professor & Head, CSE
Sri Sai Ram Institute of Technology
Chairman, BOS/CSE

Dr B.Sreedevi, Chairman of BOS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberations and discussions of the members. The following are the deliberations made during the meeting (as per the items of the circulated agenda).



BOS.CSE.21.02.01 To review and approve the action taken on reformatations planned in first BOS.

The suggestions given in the first BOS were incorporated and the same was presented to the members. The reformatations presented were approved.

BOS.CSE.21.02.02 To review and approve the additional Elective courses included in the B.E. CSE Programme Curriculum.

Five more Elective Courses were included in Professional Elective Category from Semester V to Semester VIII. The same were presented and was approved.

BOS.CSE.21.02.03 To review and approve the curriculum and syllabus of 3rd and 4th Semester UG Programme in B.E. /CSE. The members recommended the following.

- Dr.Devaki suggested to include Architecture based Concepts like RISC, CISC, and ARM Processors etc. in 20ITPC303-Computer Organization and Architecture –III Semester.
- Mr.Sundar suggested inclusion of administrative level OS commands in 20CSPC401- Operating Systems – IV Semester.
- Dr. Selvakumar suggested to improve the syllabus with advanced concepts in 20ITPC301- Data Structures for Unit – V.
- The BOS asked to swap the Units III and IV in 20CSPC403- Object Oriented Software Engineering.
- In 20ITPC401- Design and Analysis of Algorithms (IV Sem) Back tracking method may be included.
- Mr.Karthik asked to refine the syllabus of Unit V in 20CSPC402- Database Management Systems.

Based on the suggestions given by the members, the Chairman of BOS concluded that the fruitful suggestions will be incorporated appropriately in the curriculum and syllabi.

BOS resolved to recommend the following to the Academic Council for further approval.

- Syllabus for core courses of B.E. Computer Science and Engineering Programme offered in III & IV Semester of Autonomous Curriculum as enclosed in Annexure- I.**
- List of Professional and Open Elective Courses in B.E. Computer Science and Engineering Programme as enclosed in Annexure- II.**



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BOS.CSE.21.02.04 To review and approve the Curriculum and Syllabus of Courses to be offered to B.E. ECE Programme and B.E. EEE Programme.

The Professional Core and Elective Courses to be offered to B.E. ECE Programme and B.E. EEE Programme by B.E. CSE Programme were Presented and approved.

BOS.CSE.21.02.05 List of Professional and Open Elective Courses in B.E. Computer Science and Engineering Programme.

The Members reviewed the list of Four Professional electives offered in B.E. Computer Science and Engineering and gave the approval for the same.

In the concluding remarks, the chairman stated that the suggestions of credits in UG and PG Curriculum and other recommendations suggested by the members would be considered.



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Meeting then ended with a vote of thanks by Dr. S. Rajarajan, Professor / Dean – Academic, Sri Sai Ram Institute of Technology.

Dr.K.Devaki
Professor / Rajalakshmi Engineering College,.

Dr.K.Selva kumar
Professor & Head Of Department / IT
Annamalai University

Mr.R .Sundar
Scientist -D,
National Institute of Ocean Technology

Mr.R.Karthick
Associate Director, Ramco Systems

Mr.King Pratheesh.C
Software Engineer
Chennai

R.Priyadarshini
Senior Software Engineer Chennai.

Dr. V.Brindha Devi

Dr. D.Muruga Radha Devi

Dr.K.C.Suresh

Mrs.D.Rajalakshmi

Mrs.K.Anuradha

Dr B.Sreedevi
Chairman, BOS/CSE
Professor & Head, CSE
Sri Sai Ram Institute of Technology



ANNEXURE - I

As per the suggestions and modifications prescribed by the respected members of the BoS, the UG curriculum for the B.E. Degree in CSE has been modified and presented below.

- Architecture based Concepts like RISC, CISC, and ARM Processors etc. were included in 20ITPC303-Computer Organization and Architecture -III Semester.
- Administrative level OS commands were added in 20CSPC401-Operating Systems -IV semester
- Advanced concepts were included in 20ITPC301-Data Structures for Unit -V
- In 20CSPC403-Object Oriented Software Engineering Units III and IV were swapped
- In 20ITPC401- Design and Analysis of Algorithms (IV sem) Back tracking method was included.
- The syllabus of Unit V was refined in 20CSPC402-Database Management Systems

B.E (CSE) Curriculum

Semester III							
S.No.	Course Code	Course Title	Hours per week			Total Contact Hours	C
			L	T	P		
THEORY							
1	20BSMA304	Statistics & 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 & Architecture	3	0	0	3	3
PRACTICAL							
6	20ITPL301	Data Structures Laboratory	0	0	3	3	1.5
7	20CSPL301	Object Oriented Programming Laboratory	0	0	3	3	1.5
VALUE ADDITIONS-III							
8	20CSTE301	Live in Lab I	0	0	2	2	1
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	Hours per week			Total Contact Hours	C
			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



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PRACTICAL							
7	20CSPL401	Operating Systems Laboratory	0	0	3	3	1.5
8	20CSPL402	Database Management Systems Laboratory	0	0	3	3	1.5
VALUE ADDITIONS-IV							
9	20CSTE401	Live in Lab 2	0	0	2	2	1
10	20CSTP201	Skill Enhancement	0	0	2	2	1
TOTAL						31	25



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ANNEXURE II

As per the suggestions and modifications prescribed by the respected members of the BOS, the Professional and Open electives of UG curriculum for the B.E. Degree in CSE has been modified and presented below.

PROFESSIONAL ELECTIVES I

S.No.	Course Code	Course Title	Hours per week			Total Contact Hours	C	Stream
			L	T	P			
1	20CSEL501	Data Ware housing and Data Mining	3	0	0	3	3	Artificial Intelligence
2	20CSEL502	Cyber Forensics	3	0	0	3	3	Cloud Computing & Security
3	20CSEL503	Distributed Systems	3	0	0	3	3	Cloud Computing & Security
4	20CSEL504	Foundation of Data Science	3	0	0	3	3	Data Science
5	20CSEL505	No SQL Database	3	0	0	3	3	Data Science
6	20ITEL601	Software Testing	3	0	0	3	3	Software Engineering & Computing
7	20ITEL605	Computer Graphics and Multimedia	3	0	0	3	3	Software Engineering & Computing
8	20ITEL702	Wireless Ad hoc And Sensor Networks	3	0	0	3	3	Internet of Things
9	20ITEL706	Digital Image Processing	3	0	0	3	3	Artificial Intelligence
10	20ITEL709	Internet of Things	3	0	0	3	3	Internet of Things

PROFESSIONAL ELECTIVES II

S.No.	Course Code	Course Title	Hours per week			Total Contact Hours	C	Stream
			L	T	P			
1	20CSEL601	Software Project Management	3	0	0	3	3	Software Engineering & Computing
2	20CSEL602	Digital Forensics	3	0	0	3	3	Cloud Computing & Security
3	20CSEL603	Virtualization Technologies	3	0	0	3	3	Cloud Computing & Security
4	20CSEL604	Bio Informatics	3	0	0	3	3	Data Science
5	20CSEL605	Predictive Modelling	3	0	0	3	3	Data Science



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6	20CSEL606	IoT Architecture , Network and Security	3	0	0	3	3	Internet of Things
7	20CSEL607	Agile Methodologies	3	0	0	3	3	Software Engineering & Computing
8	20ITEL607	Embedded Systems	3	0	0	3	3	Internet of Things
9	20ITEL707	Soft Computing	3	0	0	3	3	Artificial Intelligence
10	20ITEL803	Pattern Recognition Techniques	3	0	0	3	3	Artificial Intelligence

PROFESSIONAL ELECTIVES III

S.No.	Course Code	Course Title	Hours per week			Total Contact Hours	C	Stream
			L	T	P			
1	20CSEL701	Social Network Analysis	3	0	0	3	3	Data Science
2	20CSEL702	Software Defined Networks	3	0	0	3	3	Cloud Computin g &Security
3	20CSEL703	Information Retrieval Techniques	3	0	0	3	3	Artificial Intelligence
4	20CSEL704	Natural Language Processing	3	0	0	3	3	Artificial Intelligence
5	20CSEL705	Ethical Hacking	3	0	0	3	3	Cloud Computing & Security
6	20CSEL706	Multi-core Architectures and Programming	3	0	0	3	3	Internet of Things
7	20CSEL707	Web Analytics	3	0	0	3	3	Data Science
8	20CSEL708	IT Security Compliance and Forensics	3	0	0	3	3	Software Engineering & Computing
9	20MEPC702	Robotics and Applications	3	0	0	3	3	Internet of Things
10	20HSMG301	Professional Ethics and Values	3	0	0	3	3	Software Engineering & Computing

PROFESSIONAL ELECTIVES IV

S.No.	Course Code	Course Title	Hours per week			Total Contact Hours	C	Stream
			L	T	P			
1	20CSEL801	Green Computing	3	0	0	3	3	Cloud Computing &Security
2	20CSEL802	Deep Learning Principles and	3	0	0	3	3	Data Science



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		Practices						
3	20CSEL803	Block chain and Cryptocurrency Technologies	3	0	0	3	3	Cloud Computing & Security
4	20CSEL804	Software Quality Assurance	3	0	0	3	3	Software Engineering & Computing
5	20CSEL805	Speech Processing	3	0	0	3	3	Artificial Intelligence
6	20CSEL806	Cognitive Science	3	0	0	3	3	Software Engineering & Computing
7	20CSEL807	Computer Vision	3	0	0	3	3	Artificial Intelligence
8	20CSEL808	Scientific Visualization Techniques	3	0	0	3	3	Data Science
9	20CSEL809	Game Programming	3	0	0	3	3	Internet of Things
10	20ITEL710	Virtual & Augmented Reality	3	0	0	3	3	Internet of Things

OPEN ELECTIVES offered by CSE Department to other

OPEN ELECTIVE-I

S.No.	Course Code	Course Title	Hours per week			Total Contact Hours	C
			L	T	P		
1	20CSOE901	Database Concepts	3	0	0	3	3
2	20CSOE902	Software Engineering Practices	3	0	0	3	3
3	20CSOE903	Data Structures and Algorithms	3	0	0	3	3
4	20CSOE904	Network Security	3	0	0	3	3
5	20CSOE905	Software Testing Techniques	3	0	0	3	3



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OPEN ELECTIVE-II

S.No.	Course Code	Course Title	Hours per week			Total Contact Hours	C
			L	T	P		
1	20CSOE906	Networking Essentials	3	0	0	3	3
2	20CSOE907	Introduction to Cloud Computing	3	0	0	3	3
3	20CSOE908	Internet of Things	3	0	0	3	3
4	20CSOE909	Robotic Process Automation	3	0	0	3	3
5	20CSOE910	Soft Computing Methodologies	3	0	0	3	3



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SL NO	NAME	DESIGNATION	SIGNATURE
1	Dr.K.Devaki	Professor / Rajalakshmi Engineering College, Rajalakshmi Nagar , Thandalam,Tamil Nadu-602105	
2	Dr.K.Selva Kumar	Professor & Head Of Department / IT, Annamalai University, Chidambaram - 608002.	
3	Mr.R .Sundar	Scientist -D, National Institute of Ocean Technology, Velacherry - Tambaram Main road, Narayanapuram , Pallikaranai, Chennai - 600100	
4	Mr.R.Karthick	Associate Director ,Ramco Systems, No. 64, Sardar Patel Rd, Sriram Nagar,Tharamani ,Chennai, Tamilnadu 600113.	
5	Mr. King Prakatheesh.C	Software Engineer, Chennai.	
6	R.Priyadharshini	Senior Software Engineer, Chennai.	
7	Dr.B.Sreedevi	Professor & Head of the Department, Department of CSE, Sri Sai Ram Institute of Technology, Chennai.	
8	Dr.V.Brindha Devi	Professor & Head of the Department, Department of IT, Sri Sai Ram Institute of Technology, Chennai.	
9	Dr. D.Muruga Radha Devi	Professor, Department of IT, Sri Sai Ram Institute of Technology, Chennai.	
10	Dr.K.C.Suresh	Associate Professor, Department of CSE, Sri Sai Ram Institute of Technology, Chennai.	
11	Mrs.D.Rajalakshmi	Assistant Professor, Department of CSE, Sri Sai Ram Institute of Technology, Chennai.	
12	Mrs.K.Anuradha	Assistant Professor, Department of IT, Sri Sai Ram Institute of Technology, Chennai.	



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Agenda for Second Board of Studies meeting

Date: 30.07.2021

The Second Board of Studies (BOS) meeting of the Department of Mechanical Engineering for Mechanical Engineering is scheduled on **30.07.2021 through online mode (ZOOM MEETING)** at 2.00 PM (IST) with the following agenda. All the members are requested to attend the meeting and to provide valuable suggestions for the betterment of the Department.

- BOS.ME.21.02.01:** To review and approve the Minutes of the previous Board of Studies Meeting held on 25.6.20.
- BOS.ME.21.02.02:** To review and approve the curriculum and syllabus for III and IV Sem UG & PG programs.
- BOS.ME.21.02.03:** To review and approve the additional Elective Courses to be offered to UG Programme in Mechanical Engineering (Semester V to VIII)

Dr.S.Murali

Chairman, BoS/Mechanical Engg
(Professor & Head/Mechanical Engg)

Copy to:

1. All the members of BOS
2. File



Minutes of the Second Board of Studies meeting

The Second Board of Studies (BoS) meeting of the department of Mechanical Engineering was conducted on 30.07.2021 through online mode (ZOOM Meeting) at 2.00pm (IST). Following members were present.

S.No	Name	Designation	Category
1	Dr.S.MURALI	Head of the Department Department of Mechanical Engineering	Chairman
2	Dr.G.SHANMUGASUNDAR	Associate Professor & Dean R & D, PG Coordinator Department of Mechanical Engineering	Convener
3	Dr.S.DHANDAPANI	Associate Professor Department of Mechanical Engineering Rajalakshmi Engineering College, Chennai – 602105.	Member (University Nominee)
4	Dr. K. SHANMUGAM	Professor Department of Manufacturing Engineering, Annamalai University, Annamalainagar – 608002.	Member (Subject Expert)
5	Mr.THANU SHANMUGAM	General Manager Renault Nissan Automotive Technology, Chennai.	Member (Industry Expert)
6	Dr. T. RAJASEKARAN	Professor, Department of Mechanical Engineering, SRM University.	Member (Subject Expert)
7	Mr.S.MITHUN	R&D Section , RENAULT NISSAN Oragadam Industrial Corridor, Vaipoor, Tamil Nadu 631605	Member (UG Alumnus)
8	Mr.A.SRITHAR	Associate Professor Department of Mechanical Engineering	Member
9	Mr.R.ARUN KUMAR	Assistant Professor Department of Mechanical Engineering	Member



Dr.G.Shanmugasundar, Convener of BoS, opened the meeting by welcoming both external and internal members. **Dr.S.Murali, HoD & Chairman** of BoS has given a PPT presentation with the agenda for the deliberations and discussions of the members. The following are the deliberations made during the meeting.

- BOS.ME.21.02.01:** To review and approve the Minutes of the previous Board of Studies Meeting held on 25.6.2020.
- The members were satisfied with the suggestions incorporated in 1st and 2nd semester UG & PG programs.
 - The members were appreciated for the activities carried out in the department for the betterment of students and faculty.
- BOS.ME.21.02.02:** To review and approve the curriculum and syllabi for III and IV Sem UG & PG programs.
- The members were satisfied and approved the curriculum and syllabi of III and IV Sem UG & PG programs.
- BOS.ME.21.02.03:** To review and approve the curriculum and Syllabus of Elective Courses to be offered to the UG Programme in Mechanical Engineering from the 5th to 8th Sem.
- a. Internship in Research Institutes to be given importance in par with Industrial Internship.
 - b. Appreciation for including Hybrid Vehicle as professional Elective in the VII semester.
 - c. A basic commerce & Accounting paper of no credit is about to be included in the curriculum

The Chairman of BoS has assured that the suggestions given by all the members are incorporated appropriately in the curriculum and syllabi.



BoS resolved to recommend the following to the Academic Council for further approval.

- Syllabus and curriculum of III and IV Semesters UG & PG Programs in Mechanical Engineering.
- Syllabus for additional Professional Elective courses of B.E Mechanical Engineering programme for 5th to 8th semester.

Meeting ended with Vote of thanks by Mr.A.Srithar, Member/BoS.

Dr.S.DHANDAPANI

Associate Professor, Dept of Mechanical Engg,
Rajalakshmi Engineering College, Chennai-
602105

Dr. K. SHANMUGAM

Professor, Department of Manufacturing
Engineering, Annamalai University,
Annamalai Nagar - 608002

Mr.THANU SHANMUGAM

General Manager, Renault Nissan Automotive
Technology, Chennai.

Dr. T. RAJASEKARAN

Professor, Department of Mechanical
Engineering, SRM University, Chennai

Mr.S.MITHUN

R&D Section, Renault Nissan, Oragadam
Industrial Corridor, Vaipoor, Tamil Nadu
631605.

Dr.S.MURALI

Chairman, BoS/Mechanical Engg.
(Professor & Head / Mechanical Engg)
Sri Sairam Institute of Technology, Ch-44

Dr.G.SHANMUGASUNDAR

Associate Professor & PG Coordinator, Dean
R & D

Department of Mechanical Engineering
Sri Sairam Institute of Technology, Ch-44

Mr.A.SRITHAR

Asso. Prof/ Dept. of Mech.Engg
Sri Sairam Institute of Technology, Ch-44

Mr.R.ARUNKUMAR

Asst. Prof/ Dept. of Mech.Engg
Sri Sairam Institute of Technology, Ch-44



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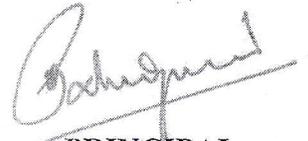
No.SSIT, Ch-44/IT/BOS-2/2021

Date: 27.07.2021

NOTICE

A Second meeting of the **Board of Studies in Department of Information Technology** will be held at **10.00 a.m.** on **Saturday the 31st July 2021** through online mode for our Sri Sai Ram Institute of Technology, Chennai-44.

The meeting I.D & Password will be sent through email.
Sitting fee will be paid as per Rules.
Kindly make it convenient to attend the meeting.


PRINCIPAL

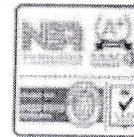
AGENDA

- 1 **Recommendation regarding the curriculum and syllabus of UG –Information Technology.**
- 2 **Others, if any .**



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Agenda

- BOS.IT.21.01.01** : To review and approve the action taken on reformatations planned in I BoS
- BOS.IT.21.01.02** : To review and approve the additional Elective courses included in the B.Tech IT Programme Curriculum
- BOS.IT.21.01.03** : To review and approve the curriculum and syllabus of courses to be offered to B.E. CSE programme
- BOS.IT.21.01.04** : To review and approve the curriculum and syllabus of courses to be offered to B.E. EEE Programme
- BOS.IT.21.01.05** : List of Professional and open Elective courses in B.Tech Information Technology Programme



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Department of Information Technology

Board of Studies (BoS) Members

SL NO	NAME	DESIGNATION
1	Dr.K.Devaki	Professor / Rajalakshmi Engineering College, Rajalakshmi Nagar , Thandalam,Tamil Nadu-602105
2	Dr.K.Selva Kumar	Professor & Head Of Department / IT, Annamalai University, Chidambaram -608002.
3	Mr.R .Sundar	Scientist -D, National Institute of Ocean Technology, Velacherry - Tambaram Main road, Narayanapuram , Pallikaranai, Chennai -600100
4	Mr.R.Karthick	Associate Director ,Ramco Systems, No. 64, Sardar Patel Rd, Sriram Nagar,Tharamani ,Chennai, Tamilnadu 600113.
5	Mr. King Pratheesh.C	Software Engineer, Chennai.
6	R.Priyadharshini	Senior Software Engineer, Chennai.
7	Dr.B.Sreedevi	Professor & Head of the Department, Department of CSE, Sri Sai Ram Institute of Technology, Chennai.
8	Dr.V.Brindha Devi	Professor & Head of the Department, Department of IT, Sri Sai Ram Institute of Technology, Chennai.
9	Dr. D.Muruga Radha Devi	Professor, Department of IT, Sri Sai Ram Institute of Technology, Chennai.
10	Dr.K.C.Suresh	Associate Professor, Department of CSE, Sri Sai Ram Institute of Technology, Chennai.
11	Mrs.D.Rajalakshmi	Assistant Professor, Department of CSE, Sri Sai Ram Institute of Technology, Chennai.
12	Mrs.K.Anuratha	Assistant Professor, Department of IT, Sri Sai Ram Institute of Technology, Chennai.



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DEPARTMENT OF INFORMATION TECHNOLOGY Minutes of the Second Board of Studies meeting

The Second Board of Studies (BOS) meeting of the department of IT was conducted on 31.07.2021 through online mode (ZOOM) at 10.00A.M (IST). Following members were present.

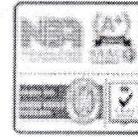
1. Dr.K.Devaki
Professor / Rajalakshmi Engineering College,
Rajalakshmi Nagar ,Thandalam ,Tamil Nadu
602105
External stakeholder
(University Representative)
2. Dr.K.Selva kumar
Professor & Head Of Department / IT
Annamalai University
Chidambaram -608002.
External stakeholder
(Subject Expert)
3. Mr.R .Sundar
Scientist -D,
National Institute of Ocean Technology
Velacherry - Tambaram Main road,
Narayanapuram , Pallikaranai, Chennai -600100
External stakeholder
(Subject Expert)
4. Mr.R.Karthick
Associate Director ,Ramco Systems
No. 64, Sardar Patel Rd, Sriram Nagar,
Tharamani ,Chennai, Tamilnadu 600113.
External stakeholder
(Industrial Expert)
5. Mr.King Prakatheesh.C
Software Engineer
Chennai.
External stakeholder
(Alumni Member)
6. R.Priyadharshini
Senior Software Engineer
Chennai.
External stakeholder
(Alumni Member)
7. Dr.B.Sreedevi
Internal stakeholder
8. Dr.V.Brindha Devi
Internal stakeholder
9. Dr. D.Muruga Radha Devi
Internal stakeholder
10. Dr.K.C.Suresh
Internal stakeholder
11. Mrs.D.Rajalakshmi
Internal stakeholder
12. Mrs.K.Anuratha
Internal stakeholder
13. **Dr B.Sreedevi**
Professor & Head, CSE
Sri Sai Ram Institute of Technology
Chairman, BoS/CSE

Dr B.Sreedevi, Chairman of BoS has welcome and introduced the external members to the internal members. The chairman placed the following agenda for the deliberations and discussions of the members. The following are the deliberations made during the meeting (as per the items of the circulated agenda).



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BOS.IT.21.02.01

To review and approve the action taken on reformations planned

The suggestions given in the I BoS were incorporated and the same was presented to the members. The reformations presented were approved

BOS.IT.21.02.02

To review and approve the additional Elective courses included in the B.Tech IT Programme Curriculum

Two more Elective courses were included in the Professional Elective Category from Semester V to Semester VIII. The same were presented and same was approved.

BOS.IT.21.02.03:

To review and approve the curriculum and syllabus of 3rd and 4th semester UG programme in B.Tech / IT Programme. The members recommended the following:

- a. Dr.Devaki suggested to include Architecture based Concepts like RISC, CISC, and ARM Processors etc. in 20ITPC303-Computer Organization and Architecture -III Semester.
- b. Mr.Sundar suggested inclusion of administrative level OS commands in 20CSPC401-Operating Systems -IV semester
- c. Dr.Selvakumar suggested to improve the syllabus with advanced concepts in 20ITPC301-Data Structures for Unit -V
- d. In 20ITPC401- Design and Analysis of Algorithms (IV sem) Back tracking method may be included.
- e. Mr.Karthik asked to refine the syllabus of Unit V in 20CSPC402-Database Management Systems

Based on the suggestions given by the members, the Chairman of BoS concluded that the fruitful suggestions will be incorporated appropriately in the curriculum and syllabi.

BOS resolved to recommend the B.Tech IT Syllabus for Core Courses and professional, open elective courses to the Academic Council for further approval.

BOS.IT.21.02.04

To review and approve the curriculum and syllabus of courses to be offered to B.E. CSE programme and B.E. EEE programme

The professional core and elective courses to be offered to B.E. CSE programme and B.E. EEE programme by B.Tech IT programme were presented and approved.

BOS.IT.21.02.05:

List of Professional and Open Elective Courses in B.Tech Information Technology Programme

The members reviewed the list of four Professional electives offered in B.Tech / IT Programme and gave the approval for the same.

In the concluding remarks, the chairman stated that the suggestions of credits in UG Curriculum and other recommendations suggested by the members would be considered.



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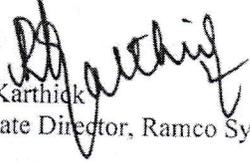


Meeting then ended with a vote of thanks by Dr. S. Rajarajan, Professor / Dean – Academic, Sri Sai Ram Institute of Technology.


Dr.K.Devaki
Professor / Rajalakshmi Engineering College.,


Dr.K.Selva kumar
Professor & Head Of Department / IT
Annamalai University


Mr.R .Sundar
Scientist -D,
National Institute of Ocean Technology


Mr.R.Karthick
Associate Director, Ramco Systems

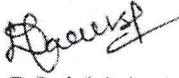

Mr.King Pratheesh.C
Software Engineer
Chennai

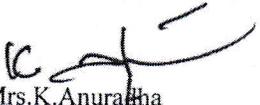

R.Priyadharshini
Senior Software Engineer Chennai.

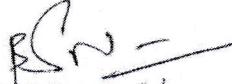

Dr. V.Brihadha Devi


Dr. D.Muruga Radha Devi


Dr.K.C.Suresh


Mrs.D.Rajalakshmi


Mrs.K.Anuradha


Dr B.Sreedevi
Chairman, BOS/CSE
Professor & Head, CSE
Sri Sai Ram Institute of Technology

ANNEXURE I

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	20ITPC301	Data Structures	3	0	0	3	3
3	20CSPC301	Object Oriented Programming	2	1	0	3	3
4	20ITPC302	Software Engineering	3	0	0	3	3
5	20ITPC303	Computer Organization and Architecture	3	0	0	3	3
6	20ESEC301	Communication Engineering	3	0	0	3	3
PRACTICAL							
7	20ITPL301	Data Structures Laboratory	0	0	3	3	1.5
8	20CSPL301	Object Oriented Programming Laboratory	0	0	3	3	1.5
9	20ITTE301	Live-in-Lab - 1	0	0	2	2	1
VALUE ADDITIONS - III							
8	20ITTP301	Skill Enhancement	0	0	2	2	1
	20MGMC301	Constitution of India	2	0	0	2	0
TOTAL						31	24

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	20CSPC402	Database Management Systems	3	0	0	3	3
3	20ITPC401	Design and Analysis of Algorithms	2	1	0	3	3
4	20CSPC401	Operating Systems	3	0	0	3	3
5	20CSPW401	Computer Networks with Laboratory	3	0	2	5	4
PRACTICAL							
6	20CSPL402	Database Management Systems Laboratory	0	0	3	3	1.5
7	20CSPL401	Operating Systems Laboratory	0	0	3	3	1.5
8	20ITTE401	Live-in-Lab 2	0	0	2	2	1
VALUE ADDITIONS - IV							
9	20ITTP401	Skill Enhancement	0	0	2	2	1
TOTAL						28	22

ANNEXURE II

PROFESSIONAL ELECTIVES

PROFESSIONALELECTIVEI-SEMESTERVI

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20ITEL608	Fundamentals of Edge and Soft Computing	3	0	0	3	3
2	20ITEL609	NoSQL Database	3	0	0	3	3

PROFESSIONALELECTIVEII-SEMESTERVI

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20ITEL707	Robotic Process Automation	3	0	0	3	3
2	20ITEL708	Full Stack Software Development	3	0	0	3	3

PROFESSIONALELECTIVEIII-SEMESTERVII

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20ITEL711	Storage Area Network	3	0	0	3	3
2	20ITEL712	Digital Forensics	3	0	0	3	3

PROFESSIONALELECTIVEIV-SEMESTERVII

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20ITEL803	Intrusion Detection Systems	3	0	0	3	3
2	20ITEL807	IoT Based Smart Systems	3	0	0	3	3
3	20ITEL808	Web Security					



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SL NO	NAME	DESIGNATION	SIGNATURE
1	Dr.K.Devaki	Professor / Rajalakshmi Engineering College, Rajalakshmi Nagar , Thandalam, Tamil Nadu-602105	
2	Dr.K.Selva Kumar	Professor & Head Of Department / IT, Annamalai University, Chidambaram -608002.	
3	Mr.R .Sundar	Scientist -D, National Institute of Ocean Technology, Velacherry - Tambaram Main road, Narayanapuram , Pallikaranai, Chennai -600100	
4	Mr.R.Karthick	Associate Director ,Ramco Systems, No. 64, Sardar Patel Rd, SriramNagar,Tharamani ,Chennai, Tamilnadu 600113.	
5	Mr. King Prakatheesh.C	Software Engineer, Chennai.	
6	R.Priyadharshini	Senior Software Engineer, Chennai.	
7	Dr.B.Sreedevi	Professor & Head of the Department, Department of CSE, Sri Sai Ram Institute of Technology, Chennai.	
8	Dr.V.Brindha Devi	Professor & Head of the Department, Department of IT, Sri Sai Ram Institute of Technology, Chennai.	
9	Dr. D.MurugaRadha Devi	Professor, Department of IT, Sri Sai Ram Institute of Technology, Chennai.	
10	Dr.K.C.Suresh	Associate Professor, Department of CSE, Sri Sai Ram Institute of Technology, Chennai.	
11	Mrs.D.Rajalakshmi	Assistant Professor, Department of CSE. Sri Sai Ram Institute of Technology, Chennai.	
12	Mrs.K.Anuratha	Assistant Professor, Department of IT, Sri Sai Ram Institute of Technology, Chennai.	



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No.SSIT, Ch-44/AI&DS/BOS-2/2021

Date: 27.07.2021

NOTICE

A Second meeting of the **Board of Studies in Department of Artificial Intelligence and Data Science** will be held at 10.00 a.m. on **Saturday the 31st July 2021** through online mode for our Sri Sai Ram Institute of Technology, Chennai-44.

The meeting I.D & Password will be sent through email.
Sitting fee will be paid as per Rules.
Kindly make it convenient to attend the meeting.


PRINCIPAL

AGENDA

1. To review and approve the curriculum and syllabus of UG- Artificial Intelligence & Data Science.
2. Others, if any



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To

Department of Artificial Intelligence and Data Science

Board of Studies (BOS) Members

SL NO	NAME	DESIGNATION
1	Dr.K.Devaki	Professor / Rajalakshmi Engineering College, Rajalakshmi Nagar , Thandalam,Tamil Nadu-602105
2	Dr.K.Selva Kumar	Professor & Head Of Department / IT, Annamalai University, Chidambaram -608002.
3	Mr.R .Sundar	Scientist -D, National Institute of Ocean Technology, Velacherry - Tambaram Main road, Narayanapuram , Pallikaranai, Chennai -600100
4	Mr.R.Karthick	Associate Director ,Ramco Systems, No. 64, Sardar Patel Rd, Sriram Nagar,Tharamani ,Chennai, Tamilnadu 600113.
5	Mr. King Prakatheesh.C	Software Engineer, Chennai.
6	R.Priyadharshini	Senior Software Engineer, Chennai.
7	Dr Pachhaimmal Alias Priya M	Associate Professor, Department of CSE, Sri Sai Ram Institute of Technology, Chennai.
8	Dr.B.Sreedevi	Professor & Head of the Department, Department of CSE, Sri Sai Ram Institute of Technology, Chennai.
9	Dr.V.Brindha Devi	Professor & Head of the Department, Department of IT, Sri Sai Ram Institute of Technology, Chennai.
10	Dr Su Suganthi	Professor & Head of the Department, Department of CCE, Sri Sai Ram Institute of Technology, Chennai.
11	Dr.K.C.Suresh	Associate Professor, Department of CSE, Sri Sai Ram Institute of Technology, Chennai.
12	Mrs.D.Rajalakshmi	Assistant Professor, Department of CSE, Sri Sai Ram Institute of Technology, Chennai.



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AGENDA

- | | |
|----------------------------------|---|
| BOS.AI&DS.2021.01.01 | Review of Minutes of the First BOS Meeting |
| BOS. AI&DS.2021.02.02 | To review and approve the additional Elective courses included in the B.TECH. AI&DS. Programme Curriculum. |
| BOS.AI&DS.2021.01.03 | To review and approve the Third and Fourth Semester Syllabus of UG programme in AI&DS. |
| BOS.AI&DS.2021.01.04 | To Review and Approve the professional Elective Courses to be offered |



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Department of Artificial Intelligence and Data Science

Minutes of the Second Board of Studies meeting

The Second Board of Studies (BOS) meeting of the department of Artificial Intelligence and Data Science was conducted on 31.07.2021 through online mode (ZOOM) at 10.00A.M (IST). Following members were present.

- | | |
|---|---|
| 1. Dr.K.Devaki
Professor / Rajalakshmi Engineering College,
Rajalakshmi Nagar ,Thandalam ,Tamil Nadu
602105 | External stakeholder
(University Representative) |
| 2. Dr.K.Selva kumar
Professor & Head Of Department / IT
Annamalai University
Chidambaram -608002. | External stakeholder
(Subject Expert) |
| 3. Mr.R .Sundar
Scientist -D,
National Institute of Ocean Technology
Velacherry - Tambaram Main road,
Narayanapuram , Pallikaranai, Chennai -600100 | External stakeholder
(Subject Expert) |
| 4. Mr.R.Karthick
Associate Director ,Ramco Systems
No. 64, Sardar Patel Rd, Sriram Nagar,
Tharamani ,Chennai, Tamilnadu 600113. | External stakeholder
(Industrial Expert) |
| 5. Mr.King Pratheesh.C
Software Engineer
Chennai. | External stakeholder
(Alumni Member) |
| 6. R.Priyadharshini
Senior Software Engineer
Chennai. | External stakeholder
(Alumni Member) |
| 7. Dr Pachhaimmal @ Priya M | Internal stakeholder |
| 8. Dr.B.Sreedevi | Internal stakeholder |
| 9. Dr.V.Brindha Devi | Internal stakeholder |
| 10. Dr Su Suganthi | Internal stakeholder |
| 11. Dr.K.C.Suresh | Internal stakeholder |
| 12. Mrs.D.Rajalakshmi | Internal stakeholder |

Dr B.Sreedevi
Chairman, BOS/CSE
Professor & Head, CSE
Sri Sai Ram Institute of Technology



Dr B.Sreedevi, Chairman of BOS opened the meeting by welcoming and introducing the external members to the internal members. The chairman placed the following agenda for the deliberations and discussions of the members. The following are the deliberations made during the meeting (as per the items of the circulated agenda).

BOS.AI&DS.21.02.01 Review of Minutes of the First BOS Meeting

The suggestions given in the first BOS were incorporated and the same was presented to the members. The reformations presented were approved.

BOS. AI&DS.2021.02.02 To review and approve the additional Elective courses included in the B.TECH. AI&DS. Programme Curriculum.

Application specific subjects are added in Professional Electives. The same were presented and was approved.

BOS.AI&DS.21.02.02 To review and approve the Third and Fourth Semester Syllabus of UG programme in AI&DS. The members recommended the following:

1. Dr.Devaki suggested to include
 - More detailed topics on planning for subject 20AIPC301- Fundamentals of Artificial Intelligence
 - For the subject in 20AIPC401- Fundamental of Data Science
 - Introduction to excel AI&DS tool may be good for non –CS&IT student
 - Program based tools may be introduced
 - More emphasis can be given to basic concepts
2. Mr.Sundar suggested to include Linear Regression and Logistic Regression and as a subject or unit in 20AIPC302- Basic Machine Learning Techniques
3. Dr.Selvakumar suggested to improve the syllabus with advanced concepts in 20AIPC403-Advanced Machine Learning
4. Mr.Karthik asked to include classification and Regression programs in 20AIPL401-Data Science Lab

BOS.AI&DS.21.02.03 List of Professional and Open Elective Courses to be offered

The members reviewed the list of Professional electives offered and gave the approval for the same.

1. Mr.Sundar and Mr.King Prakatheesh.C suggested to change the elective name Cyber Security in Smart cities to Cyber Security in IOT
2. Mr.Sundar and Mr.King Prakatheesh.C suggested to include cyber law as one unit or as a separate elective
3. Mr.King Prakatheesh.C and Ms Priyadarshini suggested to include Reinforcement learning as one elective subject



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Based on the suggestions given by the members, the Chairman of BOS concluded that the fruitful suggestions will be incorporated appropriately in the curriculum and syllabi.

BOS resolved to recommend the following to the Academic Council for further approval.

- Syllabus for core courses of B.TECH -ARTIFICIAL INTELLIGENCE and DATA SCIENCE Programme as enclosed in Annexure -I.
- List of Professional and Open Elective Courses in B.TECH -ARTIFICIAL INTELLIGENCE and DATA SCIENCE Programme as enclosed in Annexure -II

In the concluding remarks, the chairman stated that the suggestions of credits in UG and PG Curriculum and other recommendations suggested by the members would be considered.

Meeting then ended with a vote of thanks by Dr. S. Rajarajan, Professor / Dean – Academic, Sri Sai Ram Institute of Technology.

Dr.K.Devaki
Professor / Rajalakshmi Engineering College,.

Dr.K.Selva kumar
Professor & Head Of Department / IT
Annamalai University

Mr.R..Sundar
Scientist -D,
National Institute of Ocean Technology

Mr.R.Karthick
Associate Director, Ramco Systems

Mr.King Pratheesh.C
Software Engineer
Chennai

R.Priyadarshini
Senior Software Engineer Chennai.

Dr Pachhiammal @ Priya M

Dr.V.Brindha Devi

Dr Su Suganthi

Dr.K.C.Suresh

Mrs.D.Rajalakshmi

Dr B.Sreedevi
Chairman, BOS/CSE
Professor & Head, CSE
Sri Sai Ram Institute of Technology



ANNEXURE -I

As per the suggestions and modifications prescribed by the respected members of the BoS, the UG curriculum for the B.Tech. Degree in AI&DS has been modified and presented below.

- a) Advanced concepts were included in the syllabus with advanced concepts in 20AIPC403-Advanced Machine Learning
- b) 20AIPC301- Fundamentals of Artificial Intelligence is moved from 3rd semester to 4th semester 20AIPC401 Fundamentals of Artificial Intelligence
- c) 20AIPC301 - Fundamental of Data Science , 20AIPL401- Data Science Laboratory from 4th semester is moved to 3rd with a lab component course 20AIPW301- Fundamental of Data Science with lab with program based tools introduced and more emphasis given to basics
- d) 20AIPC302- Basic Machine Learning Techniques course name changed to Fundamental of Machine Learning Techniques and Linear Regression and Logistic Regression topic are included.
- e) 20AIPL301 R Programming Laboratory ,course name changed to Probability & Statistical Modeling Laboratory
- f) 20AIPL302- AI & Machine Learning Laboratory course name changed to Machine Learning Laboratory
- g) 20CSPW401- Computer Networks with Lab, 20AIPL401 DAA and AI Laboratory courses are included in the curriculum
- h) Reinforcement learning is included in elective

B.TECH- (AI&DS) Curriculum Semester

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20BSMA405	Probability & Statistical Modelling	3	1	0	4	4
2	20CSPC401	Operating Systems	3	0	0	3	3
3	20CSPC402	Database Management Systems	3	0	0	3	3
4	20AIPW301	Fundamental of Data Science with lab	3	0	2	5	4
5	20AIPC302	Fundamental of Machine Learning Techniques	3	0	0	3	3
LABORATORY							
6	20AIPL301	Probability & Statistical Modelling Laboratory	0	0	3	3	1.5
7	20CSPL402	Database Management Systems Laboratory	0	0	3	3	1.5
8	20AIPL302	Machine Learning Laboratory	0	0	3	3	1.5
VALUE ADDITIONS-1							
9	20AITE301	Live-in-Lab – 1	0	0	2	2	1
10	20AI TP 301	Skill Enhancement	0	0	2	2	1
TOTAL						31	23.5



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SEMESTER 4

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDITS
			L	T	P		
THEORY							
1	20BSMA302	Linear Algebra and its Applications	3	1	0	4	4
2	20ITPC401	Design and Analysis of Algorithms	3	0	0	3	3
3	20CSPW401	Computer Networks with Lab	3	0	2	5	4
4	20AIPC401	Fundamentals of Artificial Intelligence	3	0	0	3	3
5	20AIPC402	Biomedical Signal & Image Processing	3	0	0	3	3
6	20AIPC403	Advance Machine Learning	3	0	0	3	3
LABORATORY							
7	20AIPL401	DAA and AI Laboratory	0	0	3	3	1.5
8	20AIPL402	Biomedical Signal & Image Processing Laboratory	0	0	3	3	1.5
9	20AIPL403	Advance Machine Learning Laboratory	0	0	3	3	1.5
VALUE ADDITIONS-1							
10	20AI TE401	Live-in-Lab – 2	0	0	2	2	1
11	20AI TP 401	Skill Enhancement	0	0	2	2	1
12	20MG MC 401	Constitution of India	2	0	0	2	0
		TOTAL				36	26.5

ANNEXURE II

As per the suggestions and modifications prescribed by the respected members of the BOS, the **Professional and Open electives of UG curriculum for the B.Tech. Degree in AI&DS has been modified and presented below.**

PROFESSIONAL ELECTIVE I

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			TOTAL CONTACT HOURS	CREDIT	STREAM
			L	T	P			
1	20AIEL501	Operation Research	3	0	0	3	3	Mathematics
2	20AIEL502	Software Testing	3	0	0	3	3	Testing
3	20AIEL503	Distributed Systems	3	0	0	3	3	Cloud
4.	20AIEL504	Software Project Management	3	0	0	3	3	Cloud
5.	20AIEL505	Programming, Data Structures And Algorithms Using Python	3	0	0	3	3	Artificial Intelligence
6	20AIEL506	Process Automation	3	0	0	3	3	Automation
7	20AIEL507	Human Computer Interaction	3	0	0	3	3	Artificial Intelligence
8	20AIEL508	Fuzzy Systems	3	0	0	3	3	Machine Learning
9	20AIEL509	Ethics in Data Science	3	0	0	3	3	Data Science
10	20AIEL510	Artificial Intelligence and green power technology	3	0	0	3	3	Artificial Intelligence



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PROFESSIONAL ELECTIVES II

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			CONTACT HOURS	CREDIT	STREAM
			L	T	P			
1	20AIEL601	Information Security and Legal Compliance	3	0	0	3	3	Security
2	20AIEL602	Intellectual Property Rights and Design Thinking	3	0	0	3	3	Management
3.	20AIEL603	Information Retrieval Techniques	3	0	0	3	3	Data Mining
4.	20AIEL604	Robotics and Intelligent System	3	0	0	3	3	Robotics
5.	20AIEL605	Biometric Systems	3	0	0	3	3	Security
6.	20AIEL606	Statistics for Business Analytics	3	0	0	3	3	Mathematics
7	20AIEL607	Advanced Artificial Intelligent System	3	0	0	3	3	Artificial Intelligence
8	20AIEL608	Agent Based Intelligent System	3	0	0	3	3	Artificial Intelligence
9	20AIEL609	Application of Artificial Intelligence on Geospatial Data	3	0	0	3	3	Artificial Intelligence
10	20AIEL610	Data Science for Engineers	3	0	0	3	3	Data Science

PROFESSIONAL ELECTIVES III

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			CONTACT HOURS	CREDIT	STREAM
			L	T	P			
1	20AIEL701	Block Chain Technology	3	0	0	3	3	Security
2	20AIEL702	Financial Management	3	0	0	3	3	Management
3	20AIEL703	Virtual Reality and Augmented Reality	3	0	0	3	3	Artificial Intelligence
4	20AIEL704	Web and Social Media Analysis	3	0	0	3	3	Security
5.	20AIEL705	Advanced Python for Data Science	3	0	0	3	3	Data Science
6.	20AIEL706	Artificial Intelligence in the Renewable Power Generation	3	0	0	3	3	Artificial Intelligence
7	20AIEL707	Reinforcement Learning	3	0	0	3	3	Artificial Intelligence
8	20AIEL708	Mining Massive Datasets	3	0	0	3	3	Data Mining
9	20AIEL709	Database Security and Auditing	3	0	0	3	3	Data Science
10	20AIEL710	Game Theory	3	0	0	3	3	Artificial Intelligence



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PROFESSIONAL ELECTIVES IV

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			CONTACT HOURS	CREDIT	STREAM
			L	T	P			
1.	20AIEL711	Cyber Crime & Computer Ethics	3	0	0	3	3	Cyber Security
2.	20AIEL712	Expert System	3	0	0	3	3	Artificial Intelligence
3.	20AIEL713	Exploring Machine Learning and Deep Learning Algorithms for Natural Language Processing (NLP) Applications	3	0	0	3	3	Artificial Intelligence
4.	20AIEL714	Artificial Intelligence Search Methods for Problem Solving	3	0	0	3	3	Artificial Intelligence
5.	20AIEL715	Actuarial Science Applications	3	0	0	3	3	Security
6.	20AIEL716	Secure Cloud Computing	3	0	0	3	3	Cloud
7.	20AIEL717	Security Risk Assessment and Management	3	0	0	3	3	Security
8.	20AIEL718	Secure Web App	3	0	0	3	3	Security
9.	20AIEL719	Business Intelligence	3	0	0	3	3	Artificial Intelligence
10	20AIEL720	Data Science for Artificial Intelligence	3	0	0	3	3	Data Science

PROFESSIONAL ELECTIVE V

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			CONTACT HOURS	CREDIT	STREAM
			L	T	P			
1.	20AIEL801	Quantum Computing and Quantum Cryptography	3	0	0	3	3	Artificial Intelligence
2.	20AIEL802	Decision Making under Uncertainty	3	0	0	3	3	Artificial Intelligence
3.	20AIEL803	Scalable Data Science	3	0	0	3	3	Data Science
4.	20AIEL804	Graph Theory & its Application in Data Science	3	0	0	3	3	Data Science
5.	20AIEL805	Artificial Intelligence Constraint Satisfaction	3	0	0	3	3	Artificial Intelligence
6.	20AIEL806	Cyber Security: A step towards awareness to Cyber Crime	3	0	0	3	3	Security
7.	20AIEL807	Cyber Security in Smart Cities	3	0	0	3	3	Security
8.	20AIEL808	Mathematical Modelling and Simulation of Dynamic Systems related to Cyber Défense	3	0	0	3	3	Security
9.	20AIEL809	Neuronal Dynamics and Neuromorphic Computing	3	0	0	3	3	Artificial Intelligence
10	20AIEL810	Cognitive Analysis	3	0	0	3	3	Artificial Intelligence



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OPEN ELECTIVE

S. NO	COURSE CODE	COURSE TITLE	WEEK HOURS			CONTACT HOURS	CREDIT C
			L	T	P		
1)	AIOE901	Basics of Bioinformatics	3	3	0	0	3
2)	AIOE902	Representation Learning in Computer Vision	3	3	0	0	3
3)	AIOE903	Bio Inspired Learning	3	3	0	0	3
4)	AIOE904	Exploratory Data Analysis	3	3	0	0	3
5)	AIOE905	Computer Vision from 3D Reconstruction to Recognition	3	3	0	0	3
6)	AIOE906	Robotics & Cobots & its Autonomy	3	3	0	0	3
7)	AIOE907	Perl & LISP Programming	3	3	0	0	3
8)	AIOE908	Genetic Engineering	3	3	0	0	3
9)	AIOE909	Pattern Recognition & Understanding	3	3	0	0	3
10)	AIOE910	Principles of Robotic Autonomy	3	3	0	0	3



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2	Dr.K.Selva Kumar	Professor & Head Of Department / IT, Annamalai University, Chidambaram -608002.	
3	Mr.R .Sundar	Scientist -D, National Institute of Ocean Technology, Velacherry - Tambaram Main road, Narayanapuram , Pallikaranai, Chennai -600100	
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6	R.Priyadharshini	Senior Software Engineer, Chennai.	
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8	Dr.B.Sreedevi	Professor & Head of the Department, Department of CSE, Sri Sai Ram Institute of Technology, Chennai.	
9	Dr.V.Brindha Devi	Professor & Head of the Department, Department of IT, Sri Sai Ram Institute of Technology, Chennai.	
10	Dr Su Suganthi	Professor & Head of the Department, Department of CCE, Sri Sai Ram Institute of Technology, Chennai.	
11	Dr.K.C.Suresh	Associate Professor, Department of CSE, Sri Sai Ram Institute of Technology, Chennai.	
12	Mrs.D.Rajalakshmi	Assistant Professor, Department of CSE, Sri Sai Ram Institute of Technology, Chennai.	

1.2.2 Programmes in which CBCS / Elective course system implemented



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PARTICULARS OF ELECTIVES

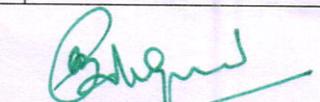
Department of Mechanical Engineering
P.G – M.E Industrial Safety Engineering

Academic Year: 2021-2022

ODD Semester

S.No	Degree & Branch	Semester	Elective Subject Code and title	No. of students choosing the elective (Reg.No. not Required here)
1.	M.E Industrial Safety Engineering	III	20PISEL301- RELIABILITY ENGINEERING	09
2.	M.E Industrial Safety Engineering	III	20PISEL303- DISASTER MANAGEMENT	09


HOD


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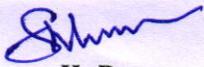
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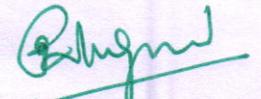


ELECTIVES DETAILS FOR NOV/DEC - 2021 EXAMINATIONS M.E Industrial Safety Engineering

YEAR/SEM:	II/III
SUB CODE:	20PISEL301
SUB. NAME:	RELIABILITY ENGINEERING

SL.NO	ID No.	REG NO	NAME OF THE STUDENT
1	SITP20IS03	412420423001	AJITHKUMAR.E
2	SITP20IS08	412420423002	DHINAKARAN.N
3	SITP20IS04	412420423003	ELAIYA BHARATHI.PL
4	SITP20IS01	412420423004	GUNASEKARA PANDIYAN.R
5	SITP20IS10	412420423005	KARTHI.J
6	SITP20IS07	412420423007	MONIKA. D
7	SITP20IS09	412420423008	STALIN DURAI. J
8	SITP20IS02	412420423009	THANIGESH.Y
9	SITP20IS06	412420423010	VENKATESAN. C


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ELECTIVES DETAILS FOR NOV/DEC - 2021 EXAMINATIONS M.E Industrial Safety Engineering

YEAR/SEM:	II/III
SUB CODE:	20PISEL303
SUB. NAME:	DISASTER MANAGEMENT

SL.NO	ID No.	REG NO	NAME OF THE STUDENT
1	SITP20IS03	412420423001	AJITHKUMAR.E
2	SITP20IS08	412420423002	DHINAKARAN.N
3	SITP20IS04	412420423003	ELAIYA BHARATHI.PL
4	SITP20IS01	412420423004	GUNASEKARA PANDIYAN.R
5	SITP20IS10	412420423005	KARTHI.J
6	SITP20IS07	412420423007	MONIKA. D
7	SITP20IS09	412420423008	STALIN DURAI. J
8	SITP20IS02	412420423009	THANIGESH.Y
9	SITP20IS06	412420423010	VENKATESAN. C


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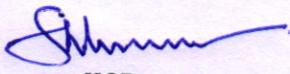
PARTICULARS OF ELECTIVES

Department of MECHANICAL ENGINEERING

Academic Year: 2021-2022

ODD Semester

S.No	Degree & Branch	Semester	Elective Subject Code and title	No. of students choosing the elective (Reg.No. not Required here)
1.	B.E & MECHANICAL ENGG	V	OAT551 Automotive Systems	27
2.	B.E & MECHANICAL ENGG	V	OMF551 Product Design and Development	26
3.	B.E & MECHANICAL ENGG	VII	MF8071 Additive Manufacturing	30
4.	B.E & MECHANICAL ENGG	VII	GE8077 Total Quality Management	38
5.	B.E & MECHANICAL ENGG	VII	ME8097 Non Destructive Testing and Evaluation	39
6.	B.E & MECHANICAL ENGG	VII	ME8099 Robotics	29
7.	B.E & MECHANICAL ENGG	VII	OML751 Testing of Materials	36
8.	B.E & MECHANICAL ENGG	VII	OAT751 Production of Automotive Components	32


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ELECTIVES DETAILS FOR NOV/DEC - 2021 EXAMINATIONS

YEAR/SEM:	III YEAR / V SEM
SUB CODE:	OAT551
SUB. NAME:	Automotive Systems

SL.NO	ID No.	REG NO	NAME OF THE STUDENT
1	SIT19ME023	412419114001	AASIF KASALI A
2	SIT19ME043	412419114004	ALAN P
3	SIT19ME033	412419114008	DHATCHINAAMURTHY S
4	SIT19ME021	412419114009	GANESH M
5	SIT19ME040	412419114011	GOKULARAMANAN B
6	SIT19ME003	412419114013	HARI KRISHNA B
7	SIT19ME009	412419114015	HEMAJOTHI K
8	SIT19ME006	412419114016	JOTHIIES R
9	SIT19ME028	412419114017	KOUSIK NAARAYANAN R
10	SIT19ME034	412419114020	MAHAALAKSHMI R
11	SIT19ME036	412419114021	MANASA SARASWATHY S
12	SIT19ME018	412419114022	MOHAMED YOUNUS A K R
13	SIT19ME016	412419114023	NITIN B
14	SIT19ME026	412419114025	PRATEEK AL
15	SIT19ME004	412419114026	RAHUL V
16	SIT19ME002	412419114028	RITHICKRISHAN G R
17	SIT19ME015	412419114030	SARAN RAJ G
18	SIT19ME027	412419114031	SARAVANA DIVAKAR K
19	SIT19ME005	412419114033	SRI HARI A
20	SIT19ME013	412419114035	SRIRAM R
21	SIT19ME012	412419114036	SUDHARSAN V
22	SIT19ME041	412419114038	SURYA R
23	SIT19ME035	412419114040	SWAMINATHASIVAM L
24	SIT19ME007	412419114046	YOGESWARAN K J
25	SITL20ME03	412419114303	UDHAYAKUMAR M
26	SITL20ME06	412419114306	BARATH M
27	SITL20ME07	412419114307	AZHAGENDRAN S

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ELECTIVES DETAILS FOR NOV/DEC - 2021 EXAMINATIONS

YEAR/SEM:	III YEAR / V SEM
SUB CODE:	OMF551
SUB. NAME:	Product Design and Development

SL.NO	ID No.	REG NO	NAME OF THE STUDENT
1	SIT19ME047	412419114002	AFRIDI SHEIK M
2	SIT19ME001	412419114003	AKASH R
3	SIT19ME032	412419114005	ARUL MURUGAN M S
4	SIT19ME017	412419114006	ARUNKUMAR B
5	SIT19ME025	412419114007	BALASUBRAMANIAN S
6	SIT19ME029	412419114010	GIRESH PG
7	SIT19ME010	412419114012	HARI HARAN D
8	SIT19ME042	412419114014	HARISH K
9	SIT19ME039	412419114018	LOGANATHAN G
10	SIT19ME019	412419114019	LOGESH U
11	SIT19ME030	412419114024	PARTHASARATHY N
12	SIT19ME020	412419114027	RANJITH J
13	SIT19ME046	412419114032	SOMESHWARAN K
14	SIT19ME011	412419114034	SRINATH MALOLAN M
15	SIT19ME045	412419114037	SURYA G
16	SIT19ME014	412419114039	SURYAPRAKASH T
17	SIT19ME022	412419114041	TARANEKUMAR N S
18	SIT19ME008	412419114042	THUVARAKESH SRINIVAS N
19	SIT19ME038	412419114043	VASANTHA KUMAR E
20	SIT19ME044	412419114044	VENKATESAN B
21	SIT19ME031	412419114045	VENKATESH V
22	SIT19ME024	412419114047	YOKESH D
23	SITL20ME04	412419114301	DINAKARAN S
24	SITL20ME01	412419114302	SUDHARSAN M
25	SITL20ME02	412419114304	VISHNU S
26	SITL20ME05	412419114305	KISHORE KUMAR M

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ELECTIVES DETAILS FOR NOV/DEC - 2021 EXAMINATIONS

YEAR/SEM:	IV YEAR / VII SEM
SUB CODE:	MF8071
SUB. NAME:	Additive Manufacturing

SL.NO	ID No.	REG NO	NAME OF THE STUDENT
1	I8ME022	412418114004	NIKESH K
2	I8ME059	412418114007	RAJAPANDIYAN S
3	I8ME028	412418114013	AISHWARYA M
4	I8ME066	412418114020	ARUNACHALA ARUN B R
5	I8ME007	412418114026	DHANUSH V
6	I8ME038	412418114030	GURU PRASAD S
7	I8ME041	412418114042	MANOJ KUMAR K
8	I8ME048	412418114043	MOHAN KUMAR A
9	I8ME015	412418114044	MUHILAN S
10	I8ME045	412418114057	THAMESH KUMAR U
11	I8ME043	412418114061	VENGADESAN S
12	I8ME034	412418114064	YOGAVAN C
13	I8ME023	412418114002	GOWTHAM M
14	I8ME024	412418114006	RAGAVAN P G
15	I8ME025	412418114022	AUSTIN MANUELRAJ P
16	I8ME044	412418114023	BALAKUMARAN SM
17	I8ME057	412418114025	DEEPAKCOUMAR K
18	I8ME012	412418114027	DINESH M
19	I8ME047	412418114029	GEORGE THEOPHILUS S
20	I8ME063	412418114031	HARISH M
21	I8ME020	412418114034	KANNAPPAN C
22	I8ME055	412418114036	KEERTHIVASAN G
23	I8ME030	412418114037	KISHORE G
24	I8ME002	412418114040	KOUSHICK S N
25	I8ME042	412418114049	PURUSHOTH E
26	I8ME050	412418114054	SURYA S
27	I8ME029	412418114065	YOHAPRAVEEN M
28	I8ME056	412418114066	YUGANTHAR V
29	SITL19ME04	412418114302	ASWIN E
30	SITL19ME02	412418114303	DANESH R

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ELECTIVES DETAILS FOR NOV/DEC - 2021 EXAMINATIONS

YEAR/SEM:	IV YEAR / VII SEM
SUB CODE:	GE8077
SUB. NAME:	Total Quality Management

SL.NO	ID No.	REG NO	NAME OF THE STUDENT
1	I8ME065	412418114001	GIRISH MADHAV B
2	I8ME054	412418114008	YAMINI A
3	I8ME049	412418114009	AADHAVAN R
4	I8ME008	412418114011	AATHITHYAN R
5	I8ME035	412418114015	AJAYKARTHI K R
6	I8ME001	412418114016	ANAND S M
7	I8ME031	412418114018	ARAVINTH R
8	I8ME037	412418114021	ARUT SELVAN K
9	I8ME032	412418114024	BHARATH B
10	I8ME060	412418114033	JANARTHANAN K
11	I8ME033	412418114035	KARTHICK S
12	I8ME006	412418114038	KISHORE KANNA P
13	I8ME026	412418114039	KISHORE KUMAR R
14	I8ME064	412418114041	MADAN K
15	I8ME013	412418114045	NAVIN J
16	I8ME004	412418114047	PAVITHRA R
17	I8ME011	412418114051	RAJESH S
18	I8ME046	412418114056	TARUN BABU S
19	I8ME021	412418114060	TITUS ARUL PAUL B
20	I8ME051	412418114062	VENGATESH S
21	I8ME016	412418114063	YESVANTH KUMAR K
22	SITL19ME03	412418114301	ARUNKUMAR P
23	SITL19ME01	412418114304	SANDEEP A P
24	I8ME058	412418114003	KANNAN M
25	I8ME061	412418114005	NITHIYANANTHAM K
26	I8ME019	412418114012	ABISHEK K G
27	I8ME052	412418114017	A ARAVINDHA KRISHNA A
28	I8ME053	412418114019	ARUJUN D
29	I8ME040	412418114028	DIWAKAR R
30	I8ME014	412418114032	JAGADEESH C
31	I8ME010	412418114046	PALANIAPPAN M
32	I8ME017	412418114048	PRABAGARAN G
33	I8ME036	412418114050	RAGUL KANNAN K
34	I8ME005	412418114052	RAKHAV VIGNESH T R
35	I8ME062	412418114053	RITHIK PRAKASH S
36	I8ME027	412418114055	TAMIZHARASAN J P
37	I8ME009	412418114058	THANGARAJ A
38	I8ME039	412418114059	THIRUMAL K

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ELECTIVES DETAILS FOR NOV/DEC - 2021 EXAMINATIONS

YEAR/SEM:	IV YEAR / VII SEM
SUB CODE:	ME8097
SUB. NAME:	Non Destructive Testing and Evaluation

SL.NO	ID No.	REG NO	NAME OF THE STUDENT
1	I8ME065	412418114001	GIRISH MADHAV B
2	I8ME054	412418114008	YAMINI A
3	I8ME049	412418114009	AADHAVAN R
4	I8ME008	412418114011	AATHITHYAN R
5	I8ME035	412418114015	AJAYKARTHI K R
6	I8ME001	412418114016	ANAND S M
7	I8ME037	412418114021	ARUT SELVAN K
8	I8ME032	412418114024	BHARATH B
9	I8ME060	412418114033	JANARTHANAN K
10	I8ME033	412418114035	KARTHICK S
11	I8ME006	412418114038	KISHORE KANNA P
12	I8ME026	412418114039	KISHORE KUMAR R
13	I8ME064	412418114041	MADAN K
14	I8ME015	412418114044	MUHILAN S
15	I8ME013	412418114045	NAVIN J
16	I8ME004	412418114047	PAVITHRA R
17	I8ME011	412418114051	RAJESH S
18	I8ME046	412418114056	TARUN BABU S
19	I8ME045	412418114057	THAMESH KUMAR U
20	I8ME021	412418114060	TITUS ARUL PAUL B
21	I8ME051	412418114062	VENGATESH S
22	I8ME016	412418114063	YESVANTH KUMAR K
23	SITL19ME03	412418114301	ARUNKUMAR P
24	SITL19ME01	412418114304	SANDEEP A P
25	I8ME058	412418114003	KANNAN M
26	I8ME061	412418114005	NITHIYANANTHAM K
27	I8ME019	412418114012	ABISHEK K G
28	I8ME052	412418114017	A ARAVINDHA KRISHNA A
29	I8ME053	412418114019	ARUJUN D
30	I8ME025	412418114022	AUSTIN MANUELRAJ P
31	I8ME044	412418114023	BALAKUMARAN SM
32	I8ME012	412418114027	DINESH M
33	I8ME047	412418114029	GEORGE THEOPHILUS S
34	I8ME014	412418114032	JAGADEESH C
35	I8ME010	412418114046	PALANIAPPAN M
36	I8ME017	412418114048	PRABAGARAN G
37	I8ME036	412418114050	RAGUL KANNAN K
38	I8ME062	412418114053	RITHIK PRAKASH S
39	I8ME039	412418114059	THIRUMAL K

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ELECTIVES DETAILS FOR NOV/DEC - 2021 EXAMINATIONS

YEAR/SEM:	IV YEAR / VII SEM
SUB CODE:	ME8099
SUB. NAME:	Robotics

SL.NO	ID No.	REG NO	NAME OF THE STUDENT
1	I8ME022	412418114004	NIKESH K
2	I8ME059	412418114007	RAJAPANDIYAN S
3	I8ME028	412418114013	AISHWARYA M
4	I8ME031	412418114018	ARAVINTH R
5	I8ME066	412418114020	ARUNACHALA ARUN B R
6	I8ME007	412418114026	DHANUSH V
7	I8ME038	412418114030	GURU PRASAD S
8	I8ME041	412418114042	MANOJ KUMAR K
9	I8ME048	412418114043	MOHAN KUMAR A
10	I8ME043	412418114061	VENGADESAN S
11	I8ME034	412418114064	YOGAVAN C
12	I8ME023	412418114002	GOWTHAM M
13	I8ME024	412418114006	RAGAVAN P G
14	I8ME057	412418114025	DEEPAKCOUMAR K
15	I8ME040	412418114028	DIWAKAR R
16	I8ME063	412418114031	HARISH M
17	I8ME020	412418114034	KANNAPPAN C
18	I8ME055	412418114036	KEERTHIVASAN G
19	I8ME030	412418114037	KISHORE G
20	I8ME002	412418114040	KOUSHICK S N
21	I8ME042	412418114049	PURUSHOTH E
22	I8ME005	412418114052	RAKHAV VIGNESH T R
23	I8ME050	412418114054	SURYA S
24	I8ME027	412418114055	TAMIZHARASAN J P
25	I8ME009	412418114058	THANGARAJ A
26	I8ME029	412418114065	YOHAPRAVEEN M
27	I8ME056	412418114066	YUGANTHAR V
28	SITL19ME04	412418114302	ASWIN E
29	SITL19ME02	412418114303	DANESH R


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ELECTIVES DETAILS FOR NOV/DEC - 2021 EXAMINATIONS

YEAR/SEM:	IV YEAR / VII SEM
SUB CODE:	OML751
SUB. NAME:	Testing of Materials

SL.NO	ID No.	REG NO	NAME OF THE STUDENT
1	I8ME065	412418114001	GIRISH MADHAV B
2	I8ME059	412418114007	RAJAPANDIYAN S
3	I8ME054	412418114008	YAMINI A
4	I8ME049	412418114009	AADHAVAN R
5	I8ME008	412418114011	AATHITHYAN R
6	I8ME028	412418114013	AISHWARYA M
7	I8ME001	412418114016	ANAND S M
8	I8ME031	412418114018	ARAVINTH R
9	I8ME066	412418114020	ARUNACHALA ARUN B R
10	I8ME037	412418114021	ARUT SELVAN K
11	I8ME007	412418114026	DHANUSH V
12	I8ME033	412418114035	KARTHICK S
13	I8ME006	412418114038	KISHORE KANNA P
14	I8ME041	412418114042	MANOJ KUMAR K
15	I8ME048	412418114043	MOHAN KUMAR A
16	I8ME004	412418114047	PAVITHRA R
17	I8ME046	412418114056	TARUN BABU S
18	I8ME021	412418114060	TITUS ARUL PAUL B
19	I8ME034	412418114064	YOGAVAN C
20	SITL19ME01	412418114304	SANDEEP A P
21	I8ME023	412418114002	GOWTHAM M
22	I8ME052	412418114017	A ARAVINDHA KRISHNA A
23	I8ME053	412418114019	ARUJUN D
24	I8ME012	412418114027	DINESH M
25	I8ME040	412418114028	DIWAKAR R
26	I8ME063	412418114031	HARISH M
27	I8ME014	412418114032	JAGADEESH C
28	I8ME020	412418114034	KANNAPPAN C
29	I8ME002	412418114040	KOUSHICK S N
30	I8ME010	412418114046	PALANIAPPAN M
31	I8ME017	412418114048	PRABAGARAN G
32	I8ME042	412418114049	PURUSHOTH E
33	I8ME005	412418114052	RAKHAV VIGNESH T R
34	I8ME050	412418114054	SURYA S
35	I8ME009	412418114058	THANGARAJ A
36	SITL19ME04	412418114302	ASWIN E

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ELECTIVES DETAILS FOR NOV/DEC - 2021 EXAMINATIONS

YEAR/SEM:	IV YEAR / VII SEM
SUB CODE:	OAT751
SUB. NAME:	Production of Automotive Components

SL.NO	ID No.	REG NO	NAME OF THE STUDENT
1	I8ME022	412418114004	NIKESH K
2	I8ME035	412418114015	AJAYKARTHI K R
3	I8ME032	412418114024	BHARATH B
4	I8ME038	412418114030	GURU PRASAD S
5	I8ME060	412418114033	JANARTHANAN K
6	I8ME026	412418114039	KISHORE KUMAR R
7	I8ME064	412418114041	MADAN K
8	I8ME015	412418114044	MUHILAN S
9	I8ME013	412418114045	NAVIN J
10	I8ME011	412418114051	RAJESH S
11	I8ME045	412418114057	THAMESH KUMAR U
12	I8ME043	412418114061	VENGADESAN S
13	I8ME051	412418114062	VENGATESH S
14	I8ME016	412418114063	YESVANTH KUMAR K
15	SITL19ME03	412418114301	ARUNKUMAR P
16	I8ME058	412418114003	KANNAN M
17	I8ME061	412418114005	NITHIYANANTHAM K
18	I8ME024	412418114006	RAGAVAN P G
19	I8ME019	412418114012	ABISHEK K G
20	I8ME025	412418114022	AUSTIN MANUELRAJ P
21	I8ME044	412418114023	BALAKUMARAN SM
22	I8ME057	412418114025	DEEPAKCOUMAR K
23	I8ME047	412418114029	GEORGE THEOPHILUS S
24	I8ME055	412418114036	KEERTHIVASAN G
25	I8ME030	412418114037	KISHORE G
26	I8ME036	412418114050	RAGUL KANNAN K
27	I8ME062	412418114053	RITHIK PRAKASH S
28	I8ME027	412418114055	TAMIZHARASAN J P
29	I8ME039	412418114059	THIRUMAL K
30	I8ME029	412418114065	YOHAPRAVEEN M
31	I8ME056	412418114066	YUGANTHAR V
32	SITL19ME02	412418114303	DANESH R


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PARTICULARS OF ELECTIVES

Department of MECHANICAL ENGINEERING

Academic Year: 2021-2022

EVEN Semester

S.No	Degree & Branch	Semester	Elective Subject Code and title	No. of students choosing the elective (Reg.No. not Required here)
1.	B.E & MECHANICAL ENGG	VI	ME8091 Automobile Engineering	17
2.	B.E & MECHANICAL ENGG	VI	PR8592 Welding Technology	18
3.	B.E & MECHANICAL ENGG	VI	ME8096 Gas Dynamics & Jet Propulsion	18
4.	B.E & MECHANICAL ENGG	VIII	ME8094 Computer Integrated Manufacturing Systems	35
5.	B.E & MECHANICAL ENGG	VIII	IE8693 Production Planning & Control	34


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ELECTIVES DETAILS FOR APRIL/MAY - 2022 EXAMINATIONS

YEAR/SEM:	III / VI
SUB CODE:	ME8091
SUB. NAME:	Automobile Engineering

SL.NO	ID No.	REG NO	NAME OF THE STUDENT
1	SIT19ME047	412419114002	AFRIDI SHEIK M
2	SIT19ME001	412419114003	AKASH.R
3	SIT19ME032	412419114005	ARUL MURUGAN M S
4	SIT19ME017	412419114006	ARUNKUMAR B
5	SIT19ME025	412419114007	BALASUBRAMANIAN S
6	SIT19ME029	412419114010	GIRESH P G
7	SIT19ME042	412419114014	HARISH K
8	SIT19ME039	412419114018	LOGANATHAN.G
9	SIT19ME019	412419114019	LOGESH U
10	SIT19ME045	412419114037	SURYA.G
11	SIT19ME014	412419114039	SURYAPRAKASH T
12	SIT19ME022	412419114041	TARANE KUMAR N S
13	SIT19ME038	412419114043	VASANTHAKUMAR E
14	SIT19ME024	412419114047	YOKESH D
15	SITL20ME01	412419114302	SUDHARSAN M
16	SITL20ME02	412419114304	VISHNU S
17	SITL20ME05	412419114305	KISHORE KUMAR M


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ELECTIVES DETAILS FOR APRIL/MAY - 2022 EXAMINATIONS

YEAR/SEM:	III/VI
SUB CODE:	PR8592
SUB. NAME:	Welding Technology

SL.NO	ID No.	REG NO	NAME OF THE STUDENT
1	SIT19ME023	412419114001	AASIF KASALI A
2	SIT19ME043	412419114004	ALAN P
3	SIT19ME033	412419114008	DHATCHINAAMURTHY.S
4	SIT19ME009	412419114015	HEMA JOTHI K
5	SIT19ME006	412419114016	JOTHI EES R
6	SIT19ME018	412419114022	MOHAMMED YOUNUS A.K.R
7	SIT19ME030	412419114024	PARTHASARATHY.N
8	SIT19ME004	412419114026	RAHUL.V
9	SIT19ME015	412419114030	SARAN RAJ G
10	SIT19ME027	412419114031	SARAVANA DIVAKAR K
11	SIT19ME046	412419114032	SOMESHWARAN K
12	SIT19ME041	412419114038	SURYA R
13	SIT19ME035	412419114040	SWAMINATHASIVAM L
14	SIT19ME044	412419114044	VENKATESAN B
15	SIT19ME007	412419114046	YOGESWARAN .K.J
16	SITL20ME03	412419114303	UDHAYAKUMAR M
17	SITL20ME06	412419114306	BARATH M
18	SITL20ME07	412419114307	AZHAGENDRAN S

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ELECTIVES DETAILS FOR APRIL/MAY - 2022 EXAMINATIONS

YEAR/SEM:	III/VI
SUB CODE:	ME8096
SUB. NAME:	Gas Dynamics & Jet Propulsion

SL.NO	ID No.	REG NO	NAME OF THE STUDENT
1	SIT19ME021	412419114009	GANESH M
2	SIT19ME040	412419114011	GOKULARAMANAN B
3	SIT19ME010	412419114012	HARIHARAN D
4	SIT19ME003	412419114013	HARI KRISHNA B
5	SIT19ME028	412419114017	KOUSIK NAARAYANAN R
6	SIT19ME034	412419114020	MAHAALAKSHMI.R
7	SIT19ME036	412419114021	MANASA SARASWATHY S
8	SIT19ME016	412419114023	NITIN B
9	SIT19ME026	412419114025	PRATEEK A.L
10	SIT19ME020	412419114027	RANJITH. J
11	SIT19ME002	412419114028	RITHICKRISHAN G R
12	SIT19ME005	412419114033	SRI HARI A
13	SIT19ME011	412419114034	SRINATH MALOLAN M
14	SIT19ME013	412419114035	SRIRAM R
15	SIT19ME012	412419114036	SUDHARSAN V
16	SIT19ME008	412419114042	THUVARAKESH SRINIVAS
17	SIT19ME031	412419114045	VENKATESH.V
18	SITL20ME04	412419114301	DINAKARAN S

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ELECTIVES DETAILS FOR APRIL/MAY - 2022 EXAMINATIONS

YEAR/SEM:	IV/VIII
SUB CODE:	ME8094
SUB. NAME:	Computer Integrated Manufacturing Systems

SL.NO	ID No.	REG NO	NAME OF THE STUDENT
1	i8me037	412418114021	K.Arutselvan
2	i8me066	412418114020	Arunachala Arun
3	I8ME031	412418114018	Aravinth R
4	I8ME051	412418114062	Vengatesh S
5	SITL19ME01	412418114304	Sandeep A.P
6	I8me064	412418114041	Madan.K
7	I8ME028	412418114013	Aishwarya M
8	i8me033	412418114035	Karthik.S
9	I8ME049	412418114009	Aadhavan R
10	I8ME004	412418114047	Pavithra.R
11	i8me054	412418114008	Yamini.A
12	I8me006	412418114038	P.Kishore kanna
13	i8me001	412418114016	Anand sm
14	I8ME060	412418114033	k.janarthanan
15	I8me026	412418114039	Kishore Kumar R
16	I8ME032	412418114024	Barath.B
17	I8me021	412418114060	Titus Arulpaul
18	I8ME005	412418114052	Rakhav Vignesh T.R
19	I8me027	412418114055	Tamizharasan J P
20	I8me020	412418114034	C. Kannappan
21	I8me012	412418114027	Dinesh M
22	I8ME009	412418114058	Thangaraj A
23	I8me040	412418114028	Diwakar.R
24	I8ME023	412418114002	Gowtham M
25	I8ME053	412418114019	Arujun D
26	i8me002	412418114040	Koushick SN
27	I8me042	412418114049	Purushoth E
28	I8me050	412418114054	Surya S
29	I8me052	412418114017	A Aravindhakrishna
30	I8ME036	412418114050	K.Ragul kannan
31	I8ME039	412418114059	Thirumal.K
32	I8ME055	412418114036	Keerthivasan G
33	I8ME044	412418114023	Balakumaran S M
34	SITL19ME04	412418114302	Aswin E
35	IL8ME05	412417114301	Ashok Kumar.K


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ELECTIVES DETAILS FOR APRIL/MAY - 2022 EXAMINATIONS

YEAR/SEM:	IV/VIII
SUB CODE:	IE8693
SUB. NAME:	PRODUCTION PLANNING AND CONTROL

SL.NO	ID No.	REG NO	NAME OF THE STUDENT
1	I8ME008	412418114011	Aathithyan. R
2	I8ME013	412418114045	Navin J
3	I8ME065	412418114001	Girish Madhav B
4	i8me048	412418114043	A.mohan kumar
5	I8me016	412418114063	Yesvanth kumar.K
6	I8me015	412418114044	Muhilan S
7	i8me034	412418114064	Yogavan.C
8	I8ME011	412418114051	Rajesh S
9	SITL19ME03	412418114301	Arunkumar P
10	i8me022	412418114004	Nikesh K
11	i8me035	412418114015	Ajaykarthi KR
12	I8me043	412418114061	S.vengadesan
13	I8ME046	412418114056	Tarun Babu .S
14	I8me038	412418114030	Guru Prasad S
15	I8ME041	412418114042	Manoj Kumar k
16	I8me007	412418114026	Dhanush
17	I8ME059	412418114007	Rajapandiyar S
18	I8me045	412418114057	Thamesh Kumar U
19	i8me024	412418114006	Ragavan pg
20	i8me030	412418114037	Kishore.G
21	SITL19ME02	412418114303	Danesh R
22	I8me010	412418114046	Palaniappan Muthaiah
23	I8ME017	412418114048	Prabakaran G
24	I8me063	412418114031	Harish M
25	I8ME014	412418114032	Jagadeesh.C
26	I8ME062	412418114053	Rithik prakash s
27	I8ME058	412418114003	Kannan.M
28	I8ME057	412418114025	DeepakCoumar.K
29	i8me019	412418114012	Abishek K.G
30	I8me061	412418114005	Nithiyanantham K
31	I8ME025	412418114022	Austin Manuelraj P
32	I8ME029	412418114065	Yohapraveen M
33	I8ME056	412418114066	Yuganthar v
34	I8ME047	412418114029	George Theophilus


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