

SKILL DEVELOPMENT CLUB - ANNUAL REPORT

Academic Year 2022-2023

S.No	Date	Event Name	No.of. beneficiary
1.	1.8.22 to 05.8.22	Workshop on Python Programming Future ready Engineers- Orientation program for 1st Year	370
2.	29.8.22,30.8.22,1.9.22,2.9.22 & 6.9.22	Workshop on C Programming - Orientation Program for 1st Year	370
3.	20.08.22	Skill Colloquium	Club students -250
4.	19.9.22 &20.09.22	Two Days on Design of Controllers for Electrical and process control Application using matlab	100 students
5.	20.09.22	Awareness on SIH	All dept SEC 2nd & 3rd year Student
6.	23.09.22	Seminar on “Product Design and Manufacturing Using CAD/CAM/3D printing Technique“	30 / IV / III year / Production
7.	10.10.22 & 11.10.22	AICTE SPICES -Sponsored Skill's & Thrill's	All Year students from various departments (300

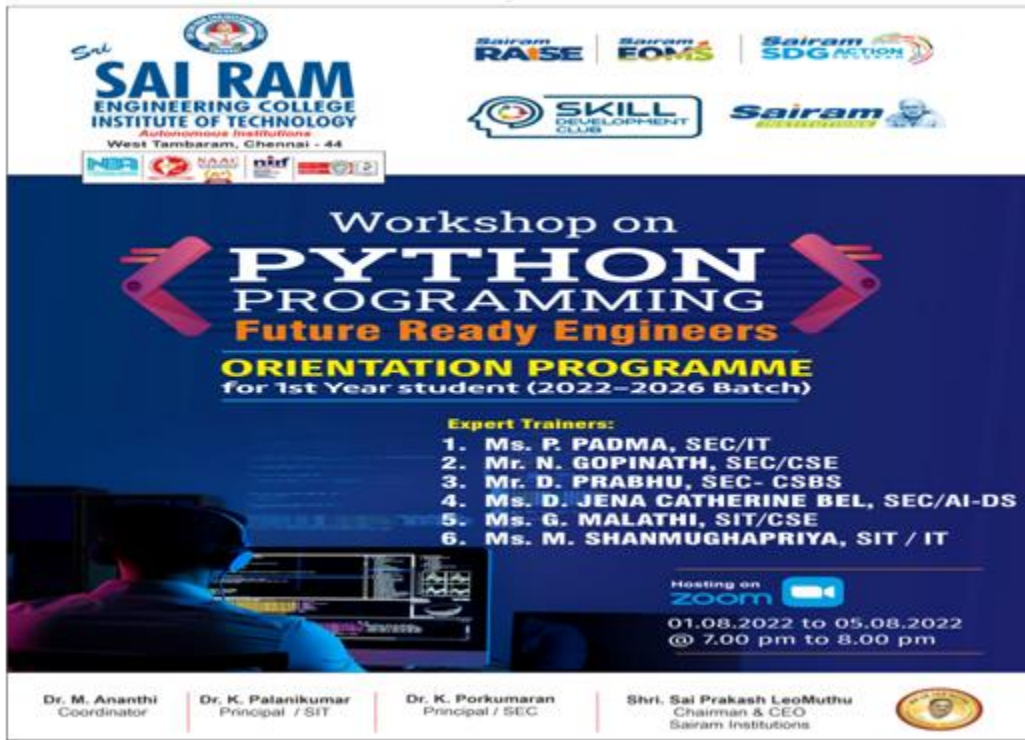
			students)
8.	17/11/22	Hands on training on BLDC motor design using MAGNET software	110 (EEE students)
9.	16.02.23	skillrack awareness programme for 1st year civil	45
10.	03.04.23	INDUSTRIAL CONTROL SYSTEMS ON IOT	23
11.	11.04.23	KAVACH MOCK HACKATHON 2023	276
12.	1.6.23	Business Models Workshop	60
13.	26.5.23 to 2.6.23	Workshop on C Programming	600
14.	5.6.23 to 9.6.23	Workshop on Python Programming - Future ready Engineers	600
15.	28.6.23	Skillrack Awareness Program by Civil Department	45

STAFF MEMBER LIST:

Sl. No.	Faculty Name	Dept
1.	Dr. M. Ananthi	CSBS
2.	Dr. S. Sumathi	ECE
3.	Dr. S. Durgadevi	E&I
4.	Dr. R. Ranjana	IT
5.	Dr. B. Vijayaramnath	MECH
6.	Mr. R. Karthikeyan	ICE
7.	Dr. T. Porselvi	EEE
8.	B.Renukadevi	IT
9.	PANDYARAJ V	MECH
10.	SUSILA SAKTHY	IT
11.	S.USHA	ECE
12.	DINESH KUMAR S K	MECH

13.	S.Saranya	ECE
14.	Ms. V. Malini	EEE
15.	Ms. C. Komathi	E&I
16.	Dr. C. Priya	E&I
17.	Ms. K. Thirupurasundari	E&I
18.	Ms. N. Nithyarani	E&I
19.	Mr. S. Arunprasad	PROD
20.	Ms. N. Ramya	CSE
21.	Dr. Usman Mohideen	MBA
22.	Ms. R. Jayalakshmi	MBA
23.	Ms V Remya	ECE
24.	Dr.K.SUMATHI	ECE
25.	S. Gayathri	ECE
26.	S.Gomathi	IT
27.	B KAMALA	IT
28.	Dr.T Vennila	CHEM
29.	RAJALAKSHMI.S	ECE

EVENT TITLE: Workshop on Python Programming Future ready Engineers - Orientation program for 1st Year



Event title	Workshop on Python Programming Future ready Engineers - Orientation program for 1st Year
Date	1.8.2022 – 5.8.2022
Duration	5 days
No.of.participants	370
Outcome of the event	The training in C programming was given to the newly joined first year students 2022 – 2026 batch through online with the concept of TRAIN THE TRAINERS. The trainers are from CSE,IT, AI&DS and CSBS of both SEC and SIT.
Amount Spent	Nil

2. Event: Skill Colloquium of SDC

Date: 20/08/2022

Venue: SSR Hall

Time: 1.30 to 3.00pm

No of participants: All the members from various department (300+)

SKILL COLLAQIUM OF SDC AGENDA

Venue : SSR Hall

Timing : 1.30 pm to 3.00 pm

TOPIC	TIME
Introduction	1.30 pm
Prayer song	1.33 pm
Virtual lighting of Kuthuvilakku	1.35 pm
Welcome Address	1.37 pm
Special address by SDC CLUB lead Dr.Anandhi mam	1.40 pm
Guest speech	1.50 pm
Presentation by EEE dept SDC CLUB Co-ordinator Dr.T.Porselvi mam	2.00 pm
Non Technical Events	2.15 pm
Students Interaction	2.45pm
Vote of thanks	2.50 pm
National Anthem	3.00pm






invites you for the skill colloquium of
SKILL DEVELOPMENT CLUB

Date: 20th August 2022
 Time: 1:30 PM to 2:30 PM
 Venue: SSR Hall


RESOURCE PERSON
Mr. RAMESH MARAN
 Senior Director & Head of Cloud Sales
 Europe Infosys Limited, London, United Kingdom





Skill Development Club Organized an Event “Skill Colloquium” for the members of SDC to let them know the activities carried out by the club. Dr Anadhi, Captain/SDC, gave a welcome address and touched upon the activities. The guest, Mr. Ramesh Maran, Senior Director, Infosys, UK, gave a speech on the importance of the club and how the students can make use of the opportunities. The activities carried out for the past 3 years were presented by Dr Porselvi, Propagator/SDC.

EVENT TITLE :Skill Collaquium



Event title	Skill Collaquium
Date	20.8.2022
Duration	1 day
No.of.participants	250
Outcome of the event	Students exhibit their skills in various fields. MAGIC members and department ambassadors are identified through this event. Interested and active members are identified

EVENT TITLE : DESIGN OF CONTROLLERS FOR ELECTRICAL AND PROCESS CONTROL APPLICATIONS USING MATLAB



Event title	DESIGN OF CONTROLLERS FOR ELECTRICAL AND PROCESS CONTROL APPLICATIONS USING MATLAB
Date	19.9.2022 – 20.9.2022
Duration	2 days
No.of.participants	100

TITLE: AWARENESS PROGRAM ON SMART INDIA HACKATHON



<p>Event title</p>	<p>AWARENESS PROGRAM ON SMART INDIA HACKATHON</p>
<p>Date</p>	<p>20.9.2022</p>
<p>Duration</p>	<p>1 day</p>
<p>No.of.participants</p>	<p>All departments of SEC</p>
<p>Outcome of the event</p>	<p>Awareness on Smart India Hackathon was given to all department students through Talent Enablers. Students got interested and aware</p>

	about SIH and participated. Out of 11 teams, 6 teams got first prize in SIH2022
Amount Spent	Nil

Event Title: Seminar on “Product Design and Manufacturing Using CAD/CAM/3D printing Technique“

SAIRAM RAISE FOMS ARTIA nifr 100 SUSTAINABLE DEVELOPMENT GOALS Sairam SKILL DEVELOPMENT CLUB

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An Autonomous Institution
West Tambaram, Chennai - 44
www.sairam.edu.in

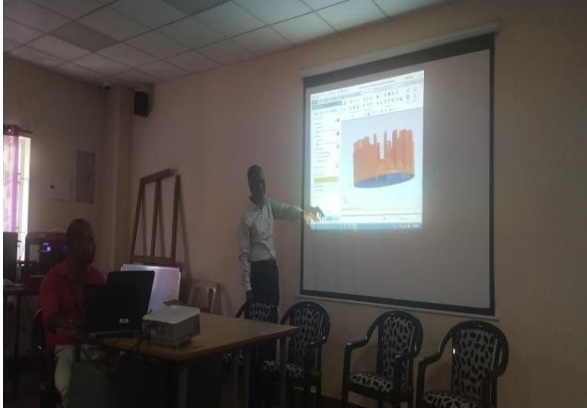
DEPARTMENT OF PRODUCTION ENGINEERING

Seminar On Product Design and Manufacturing Using CAD/CAM/3D Printing Techniques

Date: 23.09.2022 @ 11 a.m
Venue: Conference Hall

Speaker
Mr. P. G. Ramanan
Director
CADDAM Technologies Pvt. Ltd, Chennai

Dr. S. Arunprasad Co-ordinator | Dr. U. Tamilarasan HoD/Prod | Dr. K. Perikumar Principal | Shri. Sai Prakash LeoMuthu Chairman & CEO Sairam Institutions



Event title	Seminar on “Product Design and Manufacturing Using CAD/CAM/3D printing Technique”
Date	23.09.2022
Duration	2 hours
No.of.participants	30
Outcome of the event	Gained knowledge on Product Design and
	Manufacturing
Amount Spent	Nil

3. AICTE SPICES -Sponsored Skill's & Thrill's

SAIRAM ENGINEERING COLLEGE
An Autonomous Institute | Established by Sairam University & Approved by AICTE, New Delhi
Approved by MHRD as Model for 1000000th Institute and 100000th Institute
Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairam.edu.in

M-APPS CLUB
In association with Skill Development Club

SKILLS 'N' THRILLS

EVENTS:
DEBUGGING
ARTZILLA
AD-MAD
PICSQUE
FREE TICKET
BLOCK and TACKLE

10.10.2022 | 10.00am
@ Sigma Auditorium

Register Here
<https://tinyurl.com/skillsandthrills>

Student Coordinator
HARIBABU N - 86680 70272

Ms. S. Gayathri
Event Coordinator

Dr. M. Ananthi
Coordinator

Dr. K. Perikumar
Principal/IC

Shri. Sai Prakash LeoMuthu
Chairman & CEO
(Sairam Institutions)

SAIRAM ENGINEERING COLLEGE
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M-APPS CLUB
AICTE-SPICES SPONSORED ACTIVITIES

10.10.2022, Monday | 10.00 AM | Sigma Auditorium

Shri. LAKSHMI NARAYAN NJ
Executive Director,
Build HR-Management Consultants Pvt Ltd
has kindly consented to be the chief guest
and will inaugurate the club

S V Juno Bella Gracia
Co-ordinator

Dr. T. Sheela
Captain
M-Apps Club

Dr. K. Perikumar
Principal

Shri. Sai Prakash LeoMuthu
Chairman & CEO

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SKILL DEVELOPMENT CLUB
in association with
M - APPS CLUB
Proudly Presents
SKILLS 'N' THRILLS
"AICTE - SPICES SPONSORED"

EVENTS:

- DEBUGGING
- ARTZILLA
- PICSQUE
- AD-MAD
- FREE TICKET
- BLOCK & TACKLE

WIN EXCITING CASH REWARDS ON OCTOBER 10 & 11

ONLY FOR SEC STUDENTS

STUDENT COORDINATOR:
HARIBABU N - 8668070272

REGISTER HERE - <https://tinyurl.com/skillsandthrills>

MS. S. GAYATHRI | Dr. M. Ananthi | Dr. K. Perikumar | SHRI. SAI PRAKASH LEO MUTHU



Event title	AICTE SPICES -Sponsored Skill's & Thrill's
Date	10.10.22 & 11.10.22
Duration	2 Days
No.of.participants	250
Outcome of the event	Students showcased their extra curricular activities
Amount Spent	Rs.21,591

PROOF OF EXPENSES MADE

S.No	Items	Date	Page No	Total
1.	Prize Amount	11.10.22	1-7	Rs.1400
2.	Button Badges	09.10.22	9	Rs.708
3.	Samosa	11.10.22	8	Rs.2400
4.	Printing	11.10.22	12	Rs.500
Total= Rs. 17,608				

Cheque Details:

1.	Certificates & Invitation	10.10.22	10	Rs.3303
2.	Banner	10.10.22	11	Rs. 680
Total= Rs. 3983				

Received Cheque amount: Rs.16000

Expenditure: Rs.21,591

Received from office: Rs. 1608

Event Coordinator

Ms S. Gayathri

EVENT TITLE : Hands on training on BLDC motor design using MAGNET software

DATE: 22/12/2023

Time:10.30-12.30pm

Venue: Gamma Hall

No of participants: 110

Hands-on training was given to II Year EEE students @ Gamma Hall on 22.12.2022, 10.30 a.m to 12.30 p.m . Total of 110 students attended this session. This session deals with MAGNET software to design motor, here particularly PMBLDC motor design was taken, each and every step was posted in the session for the students to do by themselves . All

students interestingly participated with many queries. Doubts were clarified here and there by the presenter Dr.L.Kurinjimalar madam, along with session coordinators Ms.V.Malini and Ms.R.Kothai. Basically the motor structure was explained then stator requirements and measurements details along with rotor details all explained to the students, with a shower of interest the students were doing it in their laptop. Step by step students developed the design, and finally they were able to design the full motor with the given specification. Students learnt the software as well as usage of PBLDC in real life also .

Sairam RAISE EOMS **ARITA** **nirf 157 RANK** **SKILL DEVELOPMENT CLUB** **SUSTAINABLE DEVELOPMENT GOALS**

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www.sairam.edu.in

PELS
IEEE POWER ELECTRONICS SOCIETY IN VELLORE CHAPTER

SKILL DEVELOPMENT CLUB

Sairam

**Skill Development Club in Association with
SEC IEEE Power Electronics Society
Presents**

**HANDS ON TRAINING ON DESIGN OF
BLDC MOTORS**

Resource Person
Dr. L. Kurinjimalar
Asst. Prof dept of EEE

Student Trainers
Ms. Sumitha S, II year M.E. (PED)
Ms. Dhakshina, III year EEE A
Ms. Abinaya VR, III year EEE A

Staff coordinators
Ms. V. Malini & Ms. R. Kothai

**THURSDAY
22 DEC 2022**

**TIME
10.30 AM - 12.30 PM**

GAMMA HALL

Dr. T. Parvathi SEC IEEE PELS ADVISOR & SOCIETY MEMBER	Dr. M. Ananthi HOD/CSBS CAPTAIN	Dr. K. Perikumar PRINCIPAL SEC	Dr. Sai Prakash Leo Murthy CHAIRMAN & CEO SAIRAM INSTITUTIONS
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EVENT TITLE : 5 DAYS VALUE ADDED PROGRAMME ON IOT AND EMBEDDED SYSTEMS

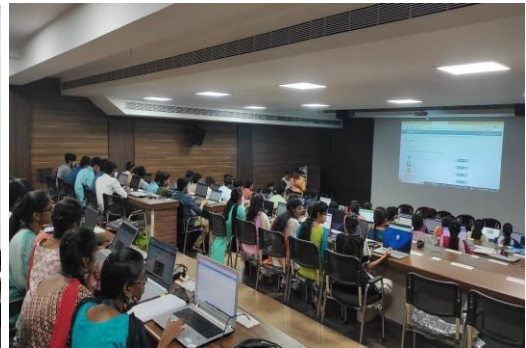
DATE: 12/12/2022 -16.12.2022

Time:9.00am -4.00pm

Venue: Gamma Hall

No of participants: 49

Faculty coordinators:Dr K Sumathi,Associate Professor, Ms V Remya ,AP /ECE, Sri Sairam Engineering College,Chennai



The Value Added training programme with hands-on sessions conducted for Second Year ECE Students for 5 days on Topic "IOT AND EMBEDDED SYSTEMS " from 12.12.2022 to 16.12.2022. The course fees for the training programme is Rs. 1,000/- per student.Total of 49 students attended the programme and benefited. MoU has been signed with Pantech E Learning on 16.12.2022 to conduct training programmes, student internships, symposiums, workshops and technical seminars on topics in recent domains.The feedback collected from students in 5 point scale. Students were happy to practice more with hands-on training and complete projects.

Outcomes :Students were able to gain knowledge and complete the projects based on IoT and Embedded systems during the end of the course.

Title : Embedded Protocol Developer

Duration : Batch I - 17.04.2023 to 21.04.2023 5 DAYS Batch II - 24. 04.2023 to 28.04.2023 5 DAYS

Venue : GB Tech, West Tambaram

Faculty Incharge : Dr.V.Sasikala, Associate Professor, ECE, Sri Sairam Engg. College
Dr.J.Arunarasi, Associate Professor, ECE, Sri Sairam Engg. College

The Value Added training Course with hands-on sessions has been conducted for the interested third year students of ECE Department. This course is conducted for two batches and each batch attended for 5 days on the topic "Embedded Protocol Developer ". The course fees for the training is Rs. 2,500/- per student. Total of 20 students attended the course and benefited.

Outcomes : Students were able to gain knowledge and basic idea of the projects based on IoT and Embedded systems during the end of the course.



Topics covered:

Day 1: HTML, Introduction to CSS

Day 2: Hands on session on CSS and Introduction to JS

Day 3: Java script and PHP server side programming

Day 4: Bootstrap, Ajax, Embedded and IoT products of GB Tech

Day 5: Hands on session using node MCU

The training focused on basics of Embedded Protocol Developing skill in detail. Internship is also planned for all the students and the extended version of training will be covered during that period. The students shall be given the opportunity to interact with the working professionals & Developers during the internship period of 30 days at no additional cost. The internship days will be fixed after their sixth semester exam by having a discussion with the placement cell. Based on the internship feedback, MoU is also planned to utilize the benefit for the forthcoming batches.



EVENT TITLE : KAVACH INTERNAL HACKATHON 2023

Event title	KAVACH INTERNAL HACKATHON 2023
Date	5.4.2023, 10.4.2023 & 11.4.2023
Duration	3 PHASES
No.of.participants	276 STUDENTS & 46 TEAMS
Outcome of the event	<p>The results of the Mock Hackathon were officially announced on 12th April, 2023 at the Smart classroom. Dr. M. Ananthi, College SPOC addressed the Top scorers of the event at the Smart classroom 1 and announced the results. Ten teams were selected to participate in the KAVACH hackathon and Five teams were allotted in the waiting list. The selected teams were instructed to dive deep into their projects and focus more on the implementation part .The doubts of the participants regarding the hackathon were clarified.</p>
Amount Spent	Nil

EVENT TITLE: BUSINESS MODEL WORKSHOP



Event title	BUSINESS MODEL WORKSHOP
Date	1.6.2023
Duration	1 day
No.of.participants	58 IYear CSBS students
Outcome of the event	Students got an idea in approaching their Live-in Lab project from a business perspective. They gained knowledge in how to develop a business model for their innovative ideas.

Amount Spent	Nil
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