



SREC NEWS

SRIRAM ENGINEERING COLLEGE, CHENNAI

Editorial Board

Patron:

Dr. C. P. Karthikeyan
Principal

Editor:

Mrs. G. Aalin Joys
Assistant Professor/ECE

Design & Artwork:

Mrs. G. Aalin Joys, AP/ECE

From Principal's Desk

It's time for another new edition of SREC News.

We are pleased to highlight the remarkable achievements of SREC's students, teaching staff, and non-teaching faculty in this semi-annual dose of SREC news updates.

To begin, academic achievements of students and faculty are highlighted to exhibit the teaching-learning process at SREC. Following that are our professional events, which include symposiums, conferences, workshops, seminars, and guest lectures that our students and staff members hosted and attended for the episode. This edition also reveals the research capacity of SREC academic staffs and students by identifying publications in national and international journals. A few sports and extracurricular activities are also mentioned to draw attention to the energy levels of students and faculty members at SREC. I'd want to take this opportunity to thank everyone involved for their interest and ongoing support. I wish all students the best in their chosen fields of study, and I am confident that the college is going to rise to greater proportions in the coming years, serving many individuals in society.

Thanks!

Dr. Karthikeyan C P, Principal-SREC

July-Dec, 2022
Volume 18, Issue 1

Inside...

Celebrations

Fresher's Day
Students Induction Program

Beyond Curriculum...

Association Inauguration
Symposium
Seminars/Guest Lectures
Workshop
Webinars

Institute-Industry Interactions

Industrial Visit

Campus Life...

Faculty Achievements & Contributions
Student Achievements & Contributions

Placements...

Fresher's Day

The Fresher's Day of Sriram Engineering College, Chennai was held on Monday, November 14, 2022 in the forenoon session. Dr. P. Saravanan, Head-EEE welcomed the gathering. The Principal Dr. C.P. Karthikeyan addressed the gathering. The Chief Guest was Mr. Vijayakumar Santharaj, Senior Manager, IT infrastructure & Systems. In his address, he mentioned that the students have to be ready to face the challenges in the coming decades and get motivated to emerge as future entrepreneurs. He inspired the students with his thought provoking speech. The trustees of Sriram Educational Trust presided over the function. Students were insisted to follow the footsteps of their seniors who brought laurels to their Parents as well as to the Institution. Also, Student Induction Program was conducted for the fresher's from 14.11.22 to 25.11.22.



Fresher's Day Meet on Nov 14, 2022



Student Induction Program



The Schedule of Students Induction Program was followed as below.

Day	Date / Day order	Session I 09:00am to 11:00am	Session II 11:15 am to 01:00pm	Session III 1.45 pm to 3.00 pm
Day 1	14.11.22 Day Order 4	Welcome Address by the Principal, & Introduction by the Students	Welcome Address by the HoDs & SIP Module 3: Familiarisation of Department/Branch and Innovation Appendix-I	SIP Module 1: Universal Human Values I (UHV I) Appendix-II
Day 2	15.11.22 Day Order 5	SIP Module 1: Universal Human Values I (UHV I) Appendix-II	SIP Module 2: Physical Health And Related Activities Appendix-II	SIP Module 8: Creative Practices Appendix-II
Day 3	16.11.22 Day Order 6	SIP Module 2: Physical Health And Related Activities Appendix-II	SIP Module 6: Proficiency Module Appendix-II	SIP Module 7: Literature/Literary Activities Appendix-I
Day 4	19.11.22 Day Order 1	SIP Module 6: Proficiency Module Appendix-II	SIP Module 1: Universal Human Values I (UHV I) Appendix-II	SIP Module 2: Physical Health And Related Activities Appendix-II
Day 5	20.11.22 Day Order 2	SIP Module 7: Literature/Literary Activities Appendix-I	SIP Module 1: Universal Human Values I (UHV I) Appendix-II	SIP Module 1: Universal Human Values I (UHV I) Appendix-II
Day 6	21.11.22 Day Order 3	SIP Module 1: Universal Human Values I (UHV I) Appendix-II	SIP Module 8: Creative Practices Appendix-II	SIP Module 2: Physical Health And Related Activities Appendix-II

Day 7	22.11.22 Day Order 4	SIP Module 1: Universal Human Values I (UHV I) Appendix-II	SIP Module 7: Literature/Literary Activities Appendix-I	SIP Module 8: Creative Practices Appendix-II
Day 8	23.11.22 Day Order 5	SIP Module 1: Universal Human Values I (UHV I) Appendix-II	SIP Module 2: Physical Health And Related Activities Appendix-II	SIP Module 8: Creative Practices Appendix-II
Day 9	24.11.22 Day Order 6	SIP Module 2: Physical Health And Related Activities Appendix-II	SIP Module 6: Proficiency Module Appendix-II	SIP Module 7: Literature/Literary Activities Appendix-I
Day 10	25.11.22 Day Order 1	SIP Module 6: Proficiency Module Appendix-II	SIP Module 1: Universal Human Values I (UHV I) Appendix-II	SIP Module 2: Physical Health And Related Activities Appendix-II

SIP Module	Module Name
1	Universal Human Values I (UHV I)
2	Physical Health and related activities
3	Familiarisation of Department/Branch and Innovation
4	Lectures by Eminent people
5	Proficiency Module
7	Literature/Literary Activities
8	Creative Practices

Activities beyond Curriculum

Association Inauguration

Date	Topic	Resource Person & Organization	Department
09-09-2022	ArtiVerse Inauguration	Mr.B.Atchaya Gandhi, PMP,ICP-, MBA,M.Tech., Senior Manager, Brillio, Chennai. Founder & Managing Director Alethic Logic Information Systems	AI&DS/CSE
19-09-2022	Application of electromagnetic fields and ultrasonics in non destructive testing	Mr. Suresh Murugesan, B.E Technical Manager Infinite Computer Solutions Chennai- 600 017	ECE



Principal, Head i/c, Program Co-ordinator & Office Bearers of AIDS/CSE Association with the Guests



Principal, Head i/c, Program Co-ordinator & Office Bearers of ECE Association with the Guests

Symposium

Date	Topic	Resource Person & Organization	Department
14.10.2022	National Level Technical Symposium Zerone_2k22	Mr. Dinesh Kumar Avula Jayaram, Cyber Security, IAM Architect, New Jersey & Guest of Honour Mr. B. Atchaya Gandhi, Senior Manager, Brillio, Chennai	AI&DS/CSE



Dept. Of CSE & AIDS Organized National Level Technical Symposium Zerone-2k22

Seminars/Guest Lectures

A number of Webinars/Guest Lectures from various Institutional and Industrial Experts in the field were organized by various departments for in-depth understanding of the subjects. Table shows the list of some interesting Seminars/Guest Lectures organized by various departments.

Date	Topic	Resource Person & Organization	Department
07-09-2022	Web Technologies	Er.E.D.Sathish Kumar, Associate Academic Head, Image, Chennai.	AI&DS/CSE
28.11.2022	Seminar on Ethical hacking	Mr. K. Natarajan, Chief Technology Officer, FIIT, Avadi Branch, Chennai	CSE
23.11.2022	Significance of Automation and Robotics	Mr.R. SabariDhasan, Senior Business development Engineer, AGIIT, Chennai	MECH



Dept. of CSE conducted a Seminar on Web Technologies



Dept. of CSE Organized Seminar on Ethical Hacking



Interaction during the Seminar on Web Technologies



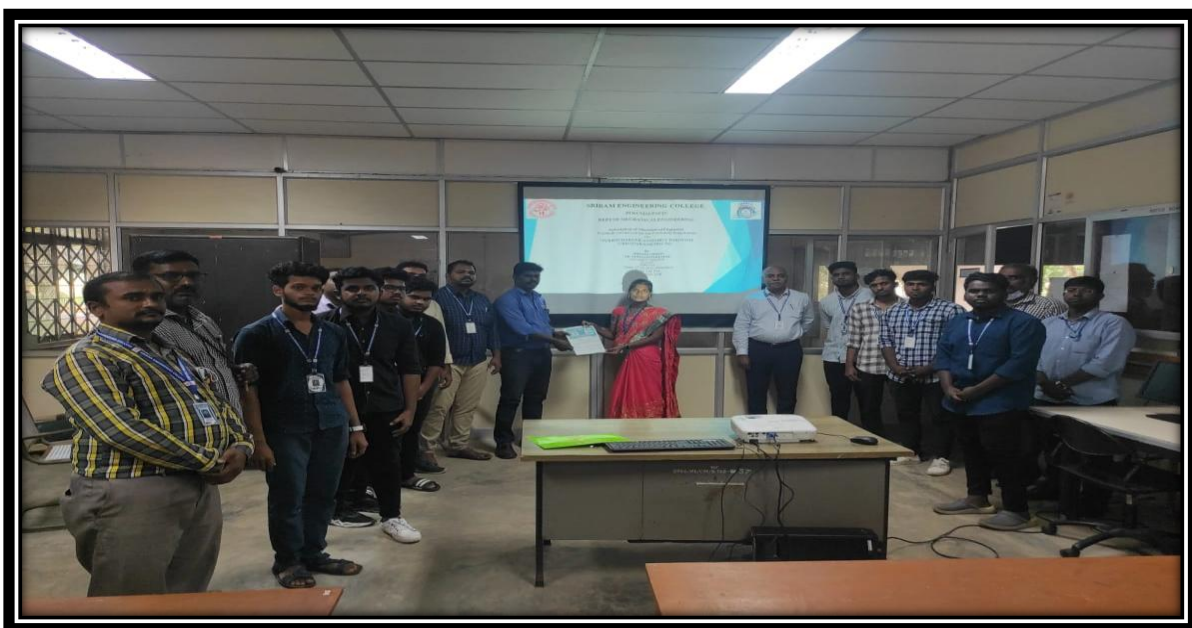
Department of Mechanical Engineering conducted a Seminar on Significance of Automation and Robotics

Workshop

Date	Topic	Resource Person & Organization	Department
12.09.2022	Motivational Session	Mr.Victor Solomon, MD, Rain Tree, Chennai	EEE
17.11.2022	Turbocharger Assembly through "Cero Parametric 5.0"	Mr. M. Ranjith Kumar, Managing Director, i3 CADD DESIGN, Chennai	MECH



Department of EEE organized a motivational Workshop session for final year students



Dept. of Mechanical Engineering organized a Workshop on Turbocharger Assembly through "Cero Parametric 5.0"

Webinar

Date	Topic	Resource Person & Organization	Department
20.10.22	Chasing the dreams to become a successful Entrepreneur	Mr.R.Sathish Raj CEO, E-Crusaders, Chennai	CSE

Institute Industry Interaction

Industrial Visit

Date	Company Name	Class	Department
19.09.22	Axis Global Info Solutions, Robotics Automation Industry Ekkattuthangal Chennai	II Year	CSE



Students of II year CSE visited Axis Global Info Solutions, Robotics Automation Industry, Ikattuthangal, Chennai

Campus Life...

Faculty Achievements

Publications in Journals

List of research publications from Faculty members

Faculty Name	Journal	National/ International	Title	DOI	Dept.
Mr.P.Deepak Franklin	NeuroQuantology	International	Spectro-Temporal Incorporated Deep Neural Network with Residual Connections for Heart Rate-Based Classification of Photoplethysmogram Signal	10.14704/nq.2022.20.8.NQ44051	EEE
N.Velmurugan	Materialie Plastice	International	Experimental Investigation on Mechanical Properties of A/GFRP,B/GFRP and AB/GFRP Polymer composite	Doi.org/10.37358/ /Mat.plast.1964	Mechanical
C.RameshKumar	Metallurgical Research & Technology	International	Process optimization using grey relational analysis in dry sliding wear behaviour on SiC/B4C/Talc reinforced Al6061 hybrid metal matrix composite	Vol. 118..No.6.Dec 2021, PP614. DOI: 10.1051/met al/2021086	Mechanical

Staff Participation in FDPs and workshops (online)

List of staff participations in FDPs and workshops

Faculty Name	Duration	Venue	Title	Dept.
G.Muthukumar	1 day	Veranda Solutions, Chennai.	Cloud Essentials Course Organized by "Naan Muthalvan"	AI&DS
G.Muthukumar	6 days	Meenakshi Sunadaram College of Engineering, Chennai. Online Mode	FUNDAMENTALS OF DATA SCIENCE" sponsored by ANNA UNIVERSITY, Organized by Meenakshi Sunadaram College of Engineering, Chennai.	AI&DS
S.Esther Praveena	1 day	Infosys Spring Board TechMahindra, Chennai.	Full Stack Development Course Organized by "Naan Muthalvan"	AI&DS
A.Manju Priya	6 days	Kumarasamy College Of Engineering, Karur.	Amazon Web Services	AI&DS
A.Manju Priya	10 day	Mahatma Gandhi College of Technology.	Recent Trends in IoT	AI&DS
A.Manju Priya	1 day	Sriram Engineering College.	NDLI(IPR)	AI&DS
A.Manju Priya	2 days	Thiruvalluvar University, Vellore	Microsoft Office, Course Organized by "Naan Muthalvan"	AI&DS
R.Lavanya	1 day	Aalim Muhammed Salegh College, Avadi	Data and Image Augmentation for Deep Learning Application	AI&DS
R.Lavanya	6 days	Kumarasamy College Of Engineering, Karur.	Amazon Web Services.	AI&DS
R.Lavanya	6 days	Easwari Engineering College, Chennai.	Data Science Tools	AI&DS
V.Rekha	1 day	Aalim Muhammed Salegh College, Avadi	Data and Image Augmentation for Deep Learning Application	AI&DS
V.Rekha	6 days	Kumarasamy College Of Engineering , Karur	Amazon Web Services	AI&DS
Ms.K.Sudha	22.08.2022 - 27.08.2022	M.Kumarasamy College of Engineering, Karur	Amazon Web Services	CSE
Ms.K.Sudha	19.09.2022- 23.09.2022	GCT,Coimbatore	Next Generation Cyber Security through Block Chain	CSE
Ms.N.Belina	06.06.2022 -10.06.2022	Mahathma Gandhi Institute of Technology	FDP Recent Trends in IOT	CSE
Ms.S.Bhuvana	22.08.2022 - 27.08.2022	M.kumarasamy College of Engineering, Karur	FDP on Web Services	CSE
Mr.P.Arun Prakash	09.08.2022 -17.08.2022	CISCO NETACAD	Software Versioning with GIT	CSE
Mr.P.Arun Prakash	07.11.2022- 11.11.2022	CISCO NETACAD	Physical Networking and Network Programmability in Packet Tracer	CSE

Ms.A.Lavanya	27.06.2022 - 02.07.2022	Meenakshi Engineering College	Fundamentals of Data Science	CSE
Ms.I.Dhanabharathi	8.10.22	CEG, Anna University, Chennai	Workshop on Smart Energy Grid and E- Vehicle, Naan Mudhalvan Training Program	EEE
Mr.K.Vijayakumar	19.09.22 To 23.09.22	MIT, Chennai	FDP on Powering IoT using Arduino/raspberry pi, Naan Mudhalvan Training Program	EEE
Mr.P.Deepak Franklin	4.07.22 to 9.07.22	Dr.NGP Institute of Technology, Coimbatore	FDP on Machine Learning	EEE
Mr.P.Deepak Franklin	19.09.22	CEG, Anna University, Chennai	Workshop on AR / VR Development, Naan Mudhalvan Training Program	EEE
Dr. G. Suganya	06.09.2022 to 10.09.2022	Mahindra City Chennai	Machine Learning	Mechanical
N.Velmurugan	06.09.2022 to 10.09.2022	MIT CAMPUS Chennai	Block Chain Technology	Mechanical
Dr. C. Ramesh Kumar	06.09.2022 to 10.09.2022	Mahindra City Chennai	Machine Learning	Mechanical
Mr. N.Manigandan	06.09.2022 to 10.09.2022	Anna University Chennai	Industry 4.0	Mechanical
Dr. R. Gokuldass	06.09.2022 to 10.09.2022	Anna University Chennai	Robotics Simulation for Manufacturing	Mechanical
Mr D.Nanda Kumar	06.09.2022 to 10.09.2022	Sai ram Engineering college Chennai	Fusion 360 Autodesk	Mechanical
Mr. S.Poyyamozi	06.09.2022 to 10.09.2022	MIT CAMPUS Chennai	Block Chain Technology	Mechanical
Mr. G.Mahesh	06.09.2022 to 10.09.2022	Anna University Chennai	Robotics Simulation for Manufacturing	Mechanical

List of staff participations in one or two day webinars

Faculty Name	Count	Dept.
G.Muthukumar	2	AI&DS
S.Esther Praveena	2	AI&DS
V.Rekha	3	AI&DS
R.Lavanya	3	AI&DS
U.Jothi Lakshmi	1	AI&DS
A.Manju Priya	3	AI&DS
Ms.K.Sudha	2	CSE
Ms.N.Belina	2	CSE
Ms.S.Bhuvana	3	CSE
Mr.P.Arun Prakash	2	CSE
Ms.A.Lavanya	2	CSE
Dr.P.Saravanan	3	EEE
Ms.I.Dhanabharathi	3	EEE
Mr.K.Vijayakumar	2	EEE
Mr.P.Deepak Franklin	2	EEE
Ms.M.Rajeshwari	3	EEE
Ms.R.Jayalakshmi	3	EEE

Student Achievements & Contributions

Extra-curricular achievements of students

Table lists the students who enthusiastically participated in various events and acquired medals.

Name of the Student(s) & Year/ Sem/ Class	Event/ Venue	Date	Prize/Participation
John Benish J/ II/III/AI&DS	Zonal level 5000m running/ GRT Engineering College	29/11/22 and 30/11/22	Silver
John Benish J/ II/III/AI&DS	Interzonal level 5000m running, Kongunadu Engineering College	17/12/22 and 18/12/22	Participant
P.D.Harees/ IV/VII/CSE	Ranipet District Taekwonda Chamionships-2022(Senior Boys - Under 68 kgs)	27.11.2022	Silver medal
Karthick Raja/IV/VII/EEE	Badminton / Velammal Engineering College, Chennai	16.11.2022	Participation



John Benish-II yr AIDS runner-up of Zonal level 5000m. Appreciation at Principal's Office, SREC

Co-curricular activities of students

The students' participation and achievements in co-curricular activities such as webinars, paper presentation etc. are listed below.

Date	Title	Venue	Event	Name of the Student	Year/ Sem./ Class	Prize
14/09/22	Online Banking System in Python	SA Engineering College	National Level Technical Symposium NAKSHATRA '22	Lalit Kumar R G	II/III/AI&DS	II
14/10/22	Online Banking System in Python	Sriram Engineering College	National Level Technical Symposium	Lalit Kumar R G	II/III/AI&DS	I
14/09/22	Web Designing	SA Engineering College	National Level Technical Symposium NAKSHATRA '22	Rakesh Varma S	II/III/AI&DS	I
14.09.2022	Nakshathra 2022 Symposium	SA Engineering College	Quiz Paper Presentation	Pranav.k.B	II/III/CSE	II Prize
14.09.2022	Nakshathra 2022 Symposium	SA Engineering College	Gaming Quiz Coding	Mohammed Raffiyutheen J	II/III/CSE	Participated
14.09.2022	Nakshathra 2022 Symposium	SA Engineering College	Paper Presentation	RAJINISH CHOUDHARY R	II/III/CSE	Participated
14.09.2022	Nakshathra 2022 Symposium	SA Engineering College	Gaming	ESWAR B	II/III/CSE	III Prize
14.09.2022	Nakshathra 2022 Symposium	SA Engineering College	Gaming	JOTHISRAM R	II/III/CSE	Participated
14.09.2022	Nakshathra 2022 Symposium	SA Engineering College	Gaming Quiz	ARCHANA A	II/III/CSE	Participated
14.09.2022	Nakshathra 2022 Symposium	SA Engineering College	Gaming Quiz	KEERTHANA B	II/III/CSE	Participated
18.11.2022	Diffusa ' 2K22 Symposium	Rajalakshmi Engineering College	Poster Presentation	Pranav.k.B	II/III/CSE	I Prize
21.10.2022	GRT TEXPO '22 Symposium	GRT Engineering College	Connections	Pranav.k.B	II/III/CSE	I Prize
26.09.2022	Techastra '2K22 Symposium	MGR Engineering College	Poster Presentation	RAJINISH CHOUDHARY R	II/III/CSE	Participated
24.09.2022	Chakravyuha-2K22 Symposium	Gojan Engineering College	Box Cricket	VISHWANATHAN T	II/III/CSE	Participated
24.09.2022	Chakravyuha-2K22 Symposium	Gojan Engineering College	Box Cricket	ARUN P	II/III/CSE	Participated
5.11.2022	Ozmenta '2K22 Symposium	Velammal Engineering College	Music Feast Movie Quiz	JEYALAKSHMI SUBIKSHA S	II/III/CSE	Participated
24.09.2022	Chakravyuha-2K22 Symposium	Gojan Engineering College	Buzzer with Wire	ESWAR B	II/III/CSE	II Prize

05.11.2022	Ozmenta '2K22 Symposium	Velammal Engineering College	Gaming Start Music Movie Quiz	GOPIKRISHNAN A	II/III/CSE	Participated
24.09.2022	Chakravyuha-2K22 Symposium	Gojan Engineering College	Gaming Water Bottle	SANTHOSHKUMAR J	II/III/CSE	I Prize
24.09.2022	Chakravyuha-2K22 Symposium	Gojan Engineering College	Box Cricket	DHANUSH KUMAR S	II/III/CSE	II Prize
24.09.2022	Chakravyuha-2K22 Symposium	Gojan Engineering College	Box Cricket	SRINIVASAN K N	II/III/CSE	II Prize
24.09.2022	Chakravyuha-2K22 Symposium	Gojan Engineering College	Box Cricket Music Feast	JAYA SURIYA N	II/III/CSE	Participated
08.10.2022	TARAS-2k22 Symposium	Sri Valliammai Engineering College	Circuitrix	Navin.S	III/V/CSE	I Prize
08.10.2022	TARAS-2k22 Symposium	Sri Valliammai Engineering College	Pixalaze	Navin.S	III/V/CSE	Participated
08.10.2022	TARAS-2k22 Symposium	Sri Valliammai Engineering College	Escape Room	Navin.S	III/V/CSE	Participated
08.08.2022	Independence Day Celebration	Sriram Engineering College	Quiz	Navin.S	III/V/CSE	II Prize
09.08.2022						
08.10.2022	TARAS-2k22 Symposium	Sri Valliammai Engineering College	Pixalaze Escape Room	C.K.Sai Kishore	III/V/CSE	Participated
08.10.2022	TARAS-2k22 Symposium	Sri Valliammai Engineering College	Pixalaze	G.Keerthish	III/V/CSE	Participated
01.09.2022	Workshop	Nikistian Media Pvt Ltd	Ethical Hacking Megamind Workshop	C.Niranjan	IV/VII/CSE	Participated
11.11.2022	Seminar	M.Kumarasamy College of Engineering,Karur.	Seminar on Deep Learning Techniques on Medical Image Classification	S.Naveen	IV/VII/CSE	Participated
27.08.2022	Webinar	Aalim Muhammed Salegh College Of Engineering	Webinar On How TO DO QUALITY PUBLICATIONS	S.Naveen	IV/VII/CSE	Participated
21.10.2022	GRT TEXPO '22 Symposium	GRT Institute of Engineering & Technology	Paper Presentation	NS Nithiksha	IV/VII/CSE	I Prize
21.10.2022	GRT TEXPO '22 Symposium	GRT Institute of Engineering & Technology	Paper Presentation	J.Jayakrishna	IV/VII/CSE	Participated
21.10.2022	GRT TEXPO '22 Symposium	GRT Institute of Engineering & Technology	Code Disaster	J.Jayakrishna	IV/VII/CSE	I Prize
27.08.2022	Webinar	Aalim Muhammed Salegh College Of Engineering	Webinar On How TO DO QUALITY PUBLICATIONS	V.A.A.SriKumR	IV/VII/CSE	Participated
27.08.2022	Webinar	Aalim Muhammed Salegh College Of Engineering	Webinar On How TO DO QUALITY PUBLICATIONS	V.Harini	IV/VII/CSE	Participated
21.11.2022	TANSACS - RRC State Level Competition	Online	Quiz	P.Dhivyadarshini	IV/VII/EEE	1 Star Quality

Placements

Mr. Victor Solomon, Managing Director, Star Tree Consulting, conducted a motivational session for final year students on 12th September 2022. Various activities were conducted during the Motivational Session to enhance and develop the skills required for placements.



Student's participation during the motivational session by Mr. Victor Solomon

Teamwork Triumphs