



S.A. ENGINEERING COLLEGE

(An Autonomous Institution Affiliated to Anna University Chennai)

Accredited by NAAC 'A' Grade & ISO 9001:2015 Certified Institution



**IEEE
COMPUTER
SOCIETY**



**IEEE
PRO COMM**
Professional Communication Society

Department of CSE & CSE (AI and ML)

In association with

IEEE PCS Madras Chapter & IEEE CS Madras Chapter

Organizes

*IEEE Sponsored One Week Faculty Development Programme
on*

"The Art of Research and Development"

26th - 30th December 2023

About the Institution

S. A. Engineering College was established by the Dharma Naidu Educational and Charitable Trust in the year 1998-99. The college is approved by AICTE and affiliated to Anna University, Chennai, Tamil Nadu. The college also acquired the Autonomous status in the year 2019-20. The college is well planned with 5 lakhs sq. ft of constructed area. The college maintains a high standard of Education by providing a world class academic facilities, employing highly qualified and experienced faculty members and creating an ambience conducive for quality education. In recognition of quality policy being implemented by the institution, M/s TUV NORD has accorded ISO 9001:2015 certification. The college is accredited by NAAC with 'A' Grade and NBA, The college offers 11 UG Programmes and 6 PG Programmes. S.A. Engineering College is also conferred Autonomous status for over 10 years from 2019. For more details, visit <https://www.saec.ac.in/>

About Department of CSE

The Department of Computer Science and Engineering was established in the year 1998-99 with an intake of 40 students. It has been enhanced in the year 2012 – 13 with 180 students. It is accredited by National Board of Accreditation, affiliated to Anna University, Chennai. The Post Graduate programme, M.E. – Computer Science and Engineering was established in the year 2006 – 07 with an intake of 18 students. The Department has been recognized as a Research Centre by Anna University in the year 2015. The Department has set up of advanced laboratory facilities like Intel Intelligence Lab, Cisco Networking Lab, Oracle Lab, IoT Lab, Cloud Computing, Mobile Application Development, BigData. The students are trained in these laboratories regularly by allotting suitable time slots in the regular time table. The students have access to high speed Internet network connection of 100Mbps with Wi-Fi connectivity. The Department has a well-equipped department library which is enriched with over 1438 books, 25 printed journals, 52 IEEE Journals and 114 DELNET Online Journals.

About Department of CSE (AI and ML)

The Department of CSE (Artificial Intelligence and Machine Learning) was started in the year 2022. The department has grown to its current strength of 116 students from a humble beginning with 56 students. Our department is equipped with the latest state of the art laboratories and is equipped with an excellent Internet facility. We have a dedicated team of faculty members who will always counsel and motivate the students to bring out their best performance. We encourage the students to join in various professional societies like IEEE and CSI to develop their technical expertise and also to organize several student conferences / symposia / seminars / workshops in various trending topics. To make students well prepared to face the industry, they were imparted the requisite training by utilizing the services of external academia and professional practitioners for contesting in competitions like TCS Code Vita, Smart India Hackathon etc

About IEEE Professional Communication Society (IEEE PCS)

The IEEE Professional Communication Society is a professional society of the IEEE formed in 1978. It helps engineers and technical writers to seek more education and research in their fields, in addition to development of standards in technical communication. It also includes technical, scientific, industrial, and other activities that contribute to the techniques and products used in this field. Visit: <https://procomm.ieee.org/>

About IEEE Computer Society (IEEE CS)

The IEEE Computer Society is the premier source for information, inspiration, and collaboration in Computer Science and Engineering. Connecting members worldwide, the Computer Society empowers the people who advance technology by delivering tools for individuals at all stages of their professional careers.

Visit: <https://www.computer.org/> for more details.

About FDP

The FDP is to provide the expected content structure and guidance on writing high impact research papers and review articles for publication in SCI and nature indexed journals. This FDP aims to enhance the research capabilities of faculty members, enabling them to contribute to the academic and research objectives of their institutions.

Objectives

- » To explain the fundamentals of research.
- » To write the research article in an effective manner.
- » To make appropriate grammatical and lexical choices while writing research articles and organize information effectively.
- » To recognize the importance of IP and to educate the peoples on basic concepts of Intellectual Property Rights.
- » To familiarize the need for creation, protection, commercialization and valuation of intellectual property, specifically Patents.
- » To create a forum for practicing project proposal development and report writing skills.

Outcomes

By the end of this FDP, faculty will be enriched with:

- » To develop and write a complete research paper (including an abstract, citations, references etc.).
- » To learn how to find, evaluate, and use data for research
- » To improve the quality of research writing through the study of standard published research work in the respective majoring (specialized subject) areas.
- » Distinguish and Explain various forms of IPRs.
- » Analyse rights and responsibilities of holder of Patent, Copyright, Trademark, Industrial Designetc.
- » To structure, present and write a research proposal, using high level written and verbal communication skills
- » Develop skill of making search using modern tools and techniques

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Mr. H. R. Mohan

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Editor – IEEE CS R10 Newsletter,
Former AVP (Systems) – The Hindu, Chennai

Prof. E. Kannan

Chair, IEEE Professional Communication
Society Madras Chapter & Registrar,
Vel Tech Rangarajan Dr. Sakunthala R&D
Institute of Science and Technology, Chennai

Dr. P. Sakthivel

Chair, IEEE CS Madras Chapter &
Vice Chairman (Academics),
IEEE Madras Section

Organizing Chairs

Dr. R. Geetha

HoD, CSE and R&D Coordinator

Dr. S. Koteeswaran

HoD, CSE (AI and ML) & IQAC Coordinator

Convenors

Dr. M. Nalini

Associate Professor, CSE

Dr. D. Chitra Devi

Associate Professor, CSE

Organizing Committee Members

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Professor, CSE

Dr. D. Hemanand

Professor, CSE

Dr. S. Sivakumar

Associate Professor, CSE

Mr. C. Balakrishnan

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Associate Professor, CSE

Ms. S. Lakshmi Priya

Assistant Professor, CSE (AI and ML)

Ms. S. Derisha Mahil

Assistant Professor, CSE (AI and ML)

Ms. V. Praveena

Assistant Professor, CSE (AI and ML)

Who Can Attend ?

Faculty Members of Engineering Colleges / Universities

R&D and Industry Personnel

Research Scholars & PG Students

Registration Fee

IEEE Members / Host Institution : **Rs. 250/-**

Non – IEEE Members / Others : **Rs. 500/-**

For registration please refer the following link:

 <https://forms.gle/HqxksgMcovx2SfS77>

(Or)

Scan Here



Seats are limited and the registration will be on first come first served basis

Important Dates:

Last Date for Registration : **24.12.2023**

Date of Intimation of Acceptance : **25.12.2023**

Account Details

Account Name: **PIXELS**

Account No.: **20061356638**

Bank Name: **Indian Bank**

Branch: **S. A. Engineering College Branch**

IFSC Code: **IDIB000C571**

Selection Process

On first come and first serve basis first 50 participants will be selected and intimated through email.

Contact Details

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Resource Persons

Prof. R. Jayavel,

Dean, Alagappa College of Technology, Anna University, Chennai

Prof. V. Krishna Nandivada,

Head, Department of CSE, IIT Madras

Mr. H. R. Mohan,

Chair – Events & Imm. Past Chair, IEEE CS & PCS Madars Chapter, Editor – IEEE CS R10 Newsletter, Former AVP (Systems) – The Hindu, Chennai

Dr. R. Ramanan,

Joint Director of Collegiate Education, Chennai Region, Chennai

Prof. A. Abdul Rahman,

Eminent Scientist

Dr. M. D. Selvaraj,

Professor, Department of ECE & Former Dean (Sponsored Research, Industrial Consultancy and Continuing Education), IIITDM Kancheepuram

Dr. S. K. M. Varadhan,

Associate Professor, Department of Applied & Biomedical Engineering, IIT Madras

Smt. Susi. K.,

Assistant Controller of Patents and Design, Indian Patent Office (IPO), Chennai

Dr. B. Chitti Babu,

Associate Professor & Head, Department of ECE, IIITDM Kancheepuram

Dr. R. Suganya,

Associate Professor Senior, School of Computer Science and Engineering, VIT, Chennai.

Dr. Ram Prasad Padhy,

Assistant Professor, Department of CSE, IIITDM Kancheepuram

Inaugural Function Chief Guests



Dr. K. Porkumaran
Chairman, IEEE Madras Section &
Principal, Sri Sairam Engg. Collage, Chennai



Prof. R. Jayavel
Dean, Alagappa College of Technology, Anna University, Chennai
Former Director Research, Anna University, Chennai



Prof. E. Kannan
Chair, IEEE Professional Communication Society Madras Chapter &
Registrar, Vel Tech Rangarajan Dr.Sagunthala R&D
Institute of Science and Technology, Chennai







Prof. V. Krishna Nandivada
Head, Department of CSE, IIT Madras

Registration & Inaugural Function: 26.12.2023 (Tuesday) – 8.30 AM to 9.00 AM

Date / Time	Forenoon Session (9.00 AM to 12.00 Noon)	Afternoon Session (1.00 PM to 4.00 PM)
26.12.2023 (Tuesday)	 Session 1: General Discussion on Research and Funding Prof. V. Krishna Nandivada Head, Department of CSE, IIT Madras  Session 2: Methodology for Innovative and Translational Research Prof. R. Jayavel Dean, Alagappa College of Technology, Anna University, Chennai Former Director Research, Anna University, Chennai	Session 3: Systematic Literature Review & How To Identify Good Journals Dr. R. Suganya Associate Professor Senior, School of Computer Science and Engineering, VIT, Chennai. 
27.12.2023 (Wednesday)	Session 4: A Research Perspectives on the Art of Research and Development Prof. A. Abdul Rahman Eminent Scientist 	Session 5: Technical Writing Using LaTeX Dr. Ram Prasad Padhy Assistant Professor, Department of CSE, IIITDM Kancheepuram 
28.12.2023 (Thursday)	Session 6: Peer Reviewed Model and Publication Process in SCI / Scopus Indexed Journals Dr. B. Chitti Babu Associate Professor & Head, Department of ECE, IIITDM Kancheepuram 	Session 7: Research Proposals Dr. S. K. M. Varadhan Associate Professor, Department of Applied & Biomedical Engineering, IIT Madras 

FDP Schedule

Date / Time	Forenoon Session (9.00 AM to 12.00 Noon)	Afternoon Session (1.00 PM to 2.45 PM)
29.12.2023 (Friday)	 <p>Session 8: Sponsored Research Dr. M. D. Selvaraj Professor, Department of ECE & Former Dean (Sponsored Research, Industrial Consultancy and Continuing Education),</p>	 <p>Session 9: Intellectual Property Awareness and Finding an Innovation Smt. Susi. K Assistant Controller of Patents and Design, Indian Patent Office (IPO), Chennai</p>
30.12.2023 (Saturday)	 <p>Session 10: SEM and CFA using AMOS Dr. R. Ramanan Joint Director of Collegiate Education, Chennai Region, Chennai</p>	 <p>Session 11: Publishing in IEEE Journals & Conferences – Author Guidance & Mini ICT Quiz on Research (with spot cash prizes) Mr. H. R. Mohan Chair – Events & Imm. Past Chair, IEEE CS & PCS Madras Chapter, Editor – IEEE CS R10 Newsletter, Former AVP (Systems) – The Hindu, Chennai</p>

Valedictory Function: 30.12.2023 (Saturday) – 3.00 PM to 3.30 PM

Valedictory Function Chief Guests

Mr. H. R. Mohan

Chair – Events & Imm. Past Chair, IEEE CS & PCS Madras Chapter,
Editor – IEEE CS R10 Newsletter,
Former AVP (Systems) – The Hindu, Chennai



Dr. R. Ramanan

Joint Director of Collegiate Education,
Chennai Region, Chennai



Break Time

Tea Break: 10.45 AM to 11.00 AM;

Lunch Break: 12.00 Noon to 1.00 PM;

Tea Break: 2.45 PM to 3.00 PM;