



**SRM**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
Deemed to be University u/s 3 of UGC Act, 1956  
**VADAPALANI**

**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY  
VADAPALANI CAMPUS  
FACULTY OF ENGINEERING AND TECHNOLOGY  
DEPARTMENT OF ELECTRONICS AND COMMUNICATION  
ENGINEERING**

**E-CHIP**

**DEPARTMENT NEWSLETTER  
JULY 2025 - DECEMBER 2025**

**BUILD 6.02**

# PREFACE

This is a Biannual newsletter of the Department of ECE, SRM Institute of Science and Technology, Vadapalani campus. 'E-Chip' has been successful in delivering the happenings of the Department. The newsletter does not only cover webinars and symposiums but also encompasses various other details such as placements and publications of research papers in various conferences and journals for the readers. This edition of the newsletter has incorporated designs and emerged as a blend of professionalism and innovation. Electronics and Communication have transformed the way we live, connect, and interact with the world around us. From smartphones to satellite communications, smart homes to advanced medical devices, ECE plays a pivotal role in shaping our modern society. As we embark on this exciting journey, we are thrilled to present a compilation of articles and features that showcase the vibrant spirit of our Department.

The editors from the editorial team left no stone unturned. The webinars, symposium and the FDP programmes saw numerous registrations from various Institutions across the nation.

We would like to thank Dr.C.V.Jayakumar, Dean(FET) for his guidance and mentorship, Dr.C.Gomathy, Vice Principal (Academics & Placements) for her words of encouragement, Dr. A.Shirly Edward, HOD/ECE for her unwavering support to the magazine team, Dr. R.Sathiya and Dr. A.Vasuki for providing us with the information we needed and guiding us in a proper way. The design team has invested a significant amount of effort and dedication in crafting the department's magazine. Their commitment and expertise are clearly evident throughout the publication, showcasing a level of professionalism that is truly commendable.

We sincerely hope the newsletter finds you in good health and keeps you informed about the department activities.

Sincerely,  
The Editorial Board  
E-CHIP 6.02

## VISION

To produce globally competitive and socially responsible engineering graduates and to bring out quality research in the frontier areas of Electronics and Communication Engineering.

## MISSION

To provide quality education in the domain of Electronics and Communication Engineering through periodically updated curriculum, State of the Art laboratory facilities, collaborative ventures with the industries and effective teaching learning process. To pursue research and new technologies in Electronics and Communication Engineering and related disciplines in order to serve the needs of Society, Industry, Government and Scientific community.

## MESSAGE FROM THE HOD



Dear Readers,

Warm greetings and best wishes from the Department of ECE!

It gives me immense pleasure to present this BUILD 6.02 edition of our department's newsletter. Over the past months, our students and faculty have continued to demonstrate remarkable dedication, innovation, and resilience. From groundbreaking research to successful participations in national and international events, the achievements highlighted here are a testament to our collective commitment to excellence.

Our department remains focused on nurturing talent, fostering a spirit of inquiry, and building a learning environment that blends academic rigour with real-world relevance. As we move forward, I encourage each member of our community to continue striving for excellence, embracing collaboration, and upholding the values that define our department.

I extend my gratitude to all students, faculty members, alumni, and industry partners whose contributions make these accomplishments possible. Together, we will continue to envision and create a brighter future.

Wishing each of you a fulfilling and successful year 2026.

**With Best Regards,  
Dr. A Shirly Edward**

# THE E-CHIP TEAM

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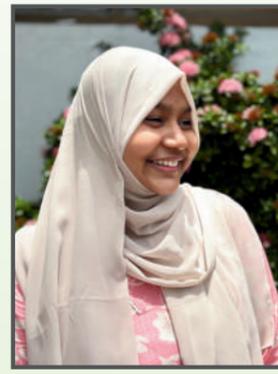
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# INDEX

<u>TITLE</u>	<u>PAGE.NO</u>
EVENTS	1
OUTREACH	15
INDUSTRIAL VISIT	19
PLACEMENTS	22
RESEARCH	28
PATENTS	33
CONFERENCE PRESENTATIONS	34
BOOK CHAPTERS	38
FACULTY DEVELOPMENT PROGRAM	39
Ph.D COMPLETION	44
STUDENT INTERNSHIPS	47
FACULTY NPTEL CERTIFICATIONS	53
ACADEMIC EXCELLENCE AWARDEES	55
STUDENT ACHIEVEMENTS	67
FACULTY ACHIEVEMENTS	74
FIIP	80
COURSES OFFERED	83
FEEDBACK	84

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# **EVENTS**

# Unlock Your Interview Success: Confidence & Communication

**Domain:** Guest Lecture

**Date:** 17<sup>th</sup> July 2025

**Faculty Coordinator:** Mrs. Bhuvaneshwari V

**Resource Persons:** Mrs. Devi Venkatraman, Mrs. Arsia Sulthana & Mrs. Malathi, Azent Overseas Education, Chennai

This Program emphasized the importance of systematic test preparation and long-term career planning. It provided valuable insights on building confidence and career clarity. Students were shared effective strategies for cracking aptitude and technical tests and discussed practical tips for performing well in group discussions, including communication and teamwork skills. The Resource Persons explained best practices for interviews, focusing on body language, presentation, and answering techniques.



## Chips to Start Up Lab Inauguration

**Domain:** C2S Programme

**Date:** 21<sup>st</sup> July 2025

**Industry Experts:** Mr. S. Dorai Rajan & Mr. Venkata Subramanian

On 21<sup>st</sup> July 2025, the Department of ECE, SRMIST Vadapalani, conducted the Chips to Startup (C2S) programme.

A state-of-the-art VLSI & Processor Lab equipped with cutting-edge tools was inaugurated.

The event was inaugurated by Dr. R. Venkatesh Babu, Director, and Dr. C. V. Jayakumar, Dean, FET. The programme was led by Dr. A. Shirly Edward, Head of the Department, ECE, along with Dr. C. Gomathy, Vice Principal (Academics & Placements).

The event highlighted hands-on learning and skill development in VLSI and semiconductor design.



# Digital and Analog VLSI Design Using Cadence EDA Tool

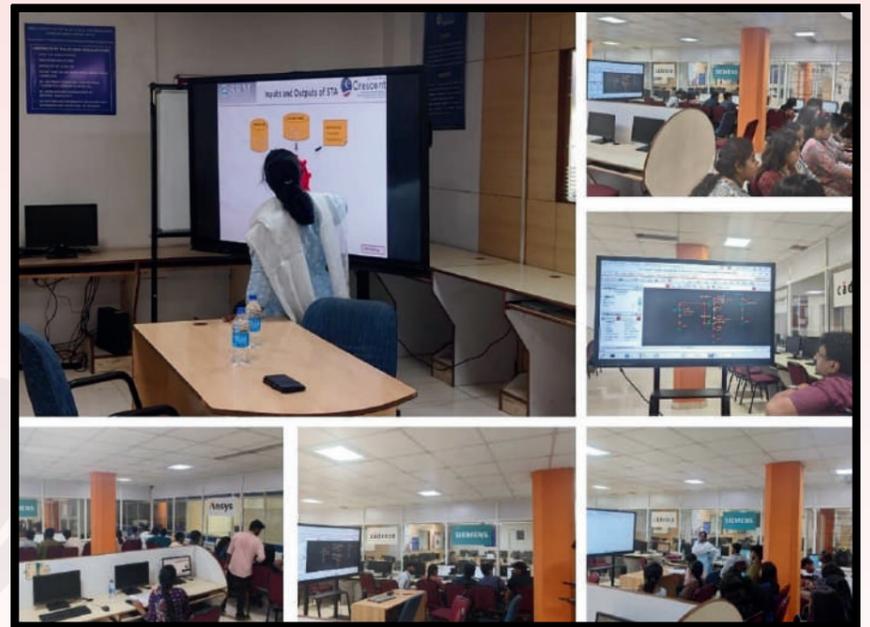
**Domain:** Workshop

**Date:** 21<sup>st</sup> & 22<sup>nd</sup> July 2025

**Faculty Coordinators:** Dr. Karthik S & Dr. Kavitha V P

The Department of ECE, SRMIST Vadapalani Campus, successfully conducted a Two-Day Workshop on Digital and Analog VLSI Design using Cadence EDA Tools, under the C2S-Supported VLSI Lab Initiative.

This workshop aimed to strengthen the semiconductor design workforce by providing hands-on exposure to industry-standard EDA tools received through the C2S initiative by MeitY, with support from ChipIN Centre, CDAC.



## Exploring Global Horizons

**Domain:** Guest Lecture

**Date:** 23<sup>rd</sup> July 2025

**Resource Person:** Mr. Sourabh Rishi, Principal Product Manager, Microsoft, USA

**Faculty Coordinators:** Dr. Vaishali D & Dr. Balaji T S

The ECE Department, under the IETE Student Forum, organized a guest lecture on "Exploring Global Horizons".

The lecture focused on higher studies abroad and global career opportunities. Students from ECE, ECE-DS, and EE - VLSI actively participated in the event.



# STEAM SYNERGY: Co-creating Innovative Environment through Design Thinking

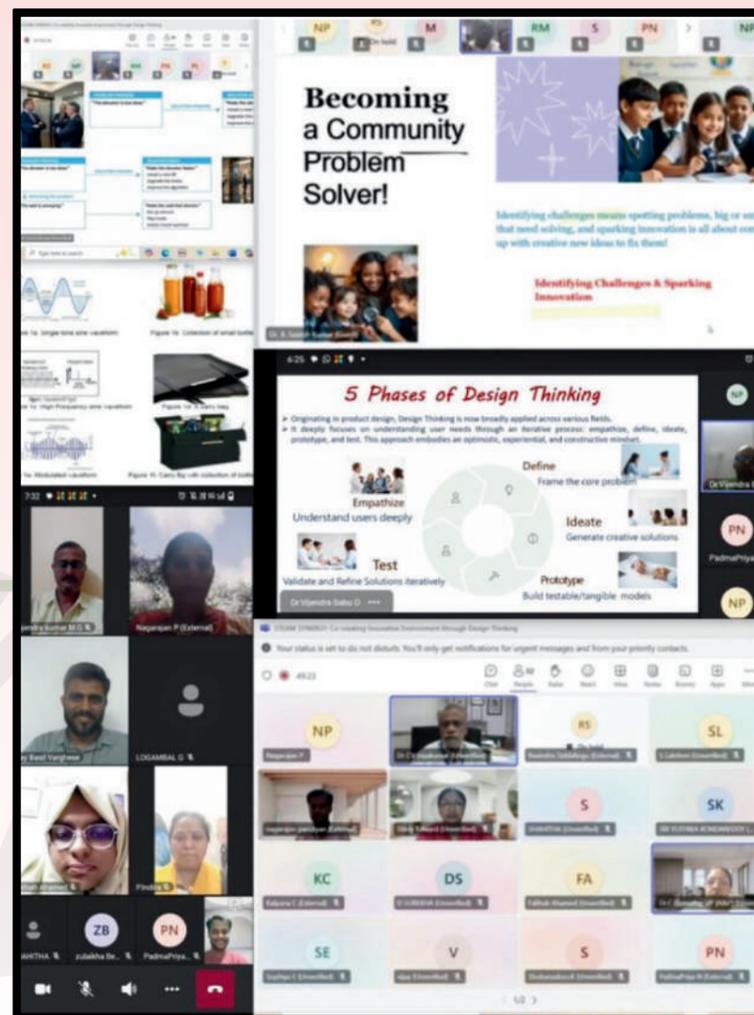
**Domain:** Workshop

**Date:** 28<sup>th</sup> July to 2<sup>nd</sup> August 2025

**Faculty Coordinators:** Dr. Nagarajan P & Dr. Vanitha V

**Resource Persons:** Dr. B. Suresh Kumar – CEO, iNexus STEM Research Pvt. Ltd., Dr. Santhosh Krishna B – Associate Professor, New Horizon College of Engineering, Bengaluru, Mr. Ajay Basil Varghese – Senior Entrepreneur & Startup Coach, Dr. D. Vijendra Babu – Associate Professor, VIT, Vellore.

The ECE Department, SRMIST Vadapalani Campus, conducted a six-day Learners & Educators Workshop on STEAM Synergy: Co-creating Innovative Environment through Design Thinking. The workshop focused on integrating STEAM principles with design thinking to enhance creativity, critical thinking, and collaborative problem-solving. The program included interactive sessions, hands-on activities, and practical exercises that promoted learning among participants.



## One-Day Workshop on Digital and Analog VLSI Design using Cadence EDA Tools

**Domain:** Workshop

**Date:** 31<sup>st</sup> July 2025

**Resource Person:** Dr. Karthik S

**Faculty Coordinators:** Dr. Karthik S & Dr. Kavitha V P

The Department of ECE, SRMIST Vadapalani Campus, successfully conducted a One-Day Workshop on Digital and Analog VLSI Design using Cadence EDA Tools.

This workshop aimed to strengthen the semiconductor design workforce by providing hands-on exposure to industry-standard EDA tools received through the Chips to Startup (C2S) initiative by MeitY, with support from CHIPIN-CDAC. The session included practical demonstrations and hands-on training in digital and analog design using Cadence tools.



# BHAVISHYA '25 – a Self-Defence Awareness Talk

**Domain:** Awareness Programme

**Date:** 1<sup>st</sup> August 2025

**Chief Guest:** Dr. Vanitha G, Deputy Commissioner of Police, Greater Chennai Police

**Faculty Coordinators:** Dr. Shirly Edward A, Dr. Priti Rishi & Dr. Sathiya R

SAKSHAM, in association with the Internal Complaints Committee, organized BHAVISHYA '25 – Self-Defence Awareness Talk, at SRMIST, Vadapalani Campus.

Dr. Vanitha G, Deputy Commissioner of Police, Greater Chennai Police, delivered an insightful session on self-protection, awareness, and empowerment, motivating students to be confident, alert, and self-reliant. The program effectively enhanced awareness on personal safety and women empowerment among students.



## Self-Defence Awareness Session

**Domain:** Self-Defence Awareness

**Date:** 4<sup>th</sup> August 2025

**Faculty Coordinators:** Dr. Priti Rishi & Dr. Sathiya R

Saksham, under the Women Development Cell, organized a Self-Defence Awareness Session in collaboration with Khan's Karate Academy as part of the AVAL Programme at SRMIST, Vadapalani.

The session witnessed active participation from girls across various departments, who were trained in basic self-defence techniques to enhance awareness, confidence, and preparedness for real-life situations. The initiative served as a significant step towards empowering young women by promoting personal safety, resilience, and self-reliance.



# AWS Essentials: A Practical Introduction to Cloud

## Computing

**Domain:** Workshop

**Date:** 4<sup>th</sup> August 2025

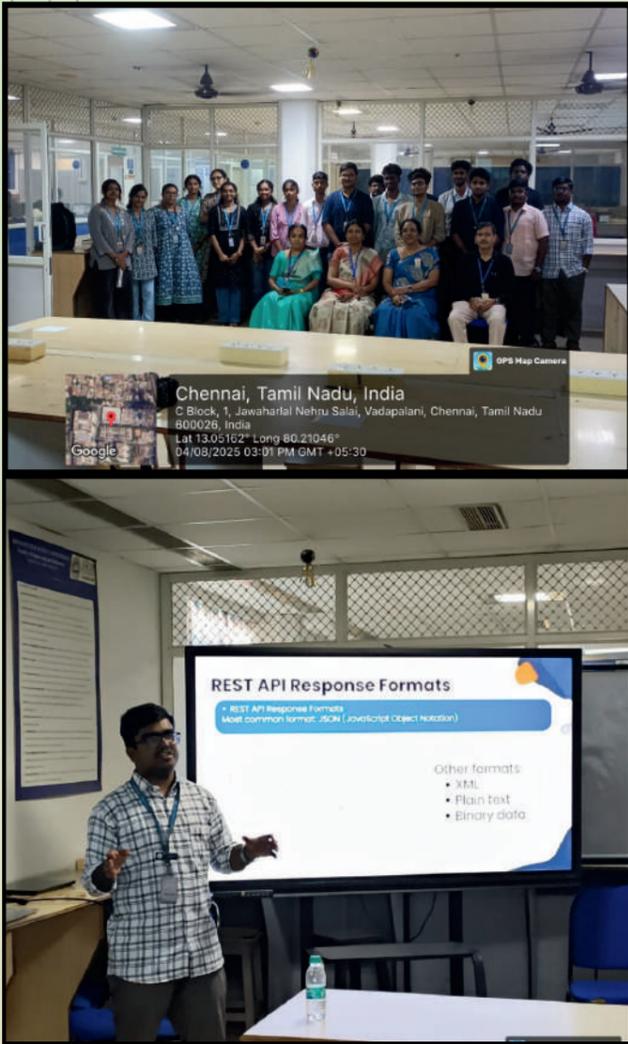
**Resource Person:** Ms. S. V. Abinaya, Data Associate at PwC Acceleration Center and AWS Community Builder

**Faculty Coordinators:** Dr. Vaishali D and Dr. Balaji T S

**Student Coordinator:** Mr. Sujit L, III ECE-DS, AWS Community Builder

The IETE Student Forum of the Department of ECE organized a workshop titled "AWS Essentials: A Practical Introduction to Cloud Computing". The session provided participants with hands-on exposure to cloud computing, AWS services, and API development.

The workshop concluded with student project presentations, highlighting innovation, technical proficiency, and industry-relevant skills. The event played a vital role in fostering cloud-native thinking and preparing students for emerging technological advancements.



## Don't Chase Ideas– Discover Problems – A Practical Guide To Build Real Start-ups

**Domain:** Guest Lecture

**Date:** 11<sup>th</sup> August 2025

**Resource Person:** Dr. Shanmugakumar Murugesan, Founder, MATIC

**Faculty Coordinators:** Dr. Augustine Fletcher A S & Dr. Bestley Joe

This session emphasized problem-driven entrepreneurship by focusing on identifying real-world challenges before building startup ideas. Practical insights from agriculture and technology introduced students to key startup frameworks including funding, team building, and social impact.



# From Blueprints To Flight – Building Innovative Drone Solutions



**Domain:** Guest Lecture

**Date:** 12<sup>th</sup> August 2025

**Resource Person:** Mr. Shreyas Rao, Co-Founder & CEO, Ion Aerospace

**Faculty Coordinators:** Dr. Glaret Subin P & Dr. Sanjay Kumar

The session offered practical insights into designing and deploying innovative drone systems, highlighting real-world applications and technical challenges. Participants were introduced to sensor and AI integration, industry use cases, and emerging trends in drone technology.

## Hands-on Training in Arduino & Its Applications

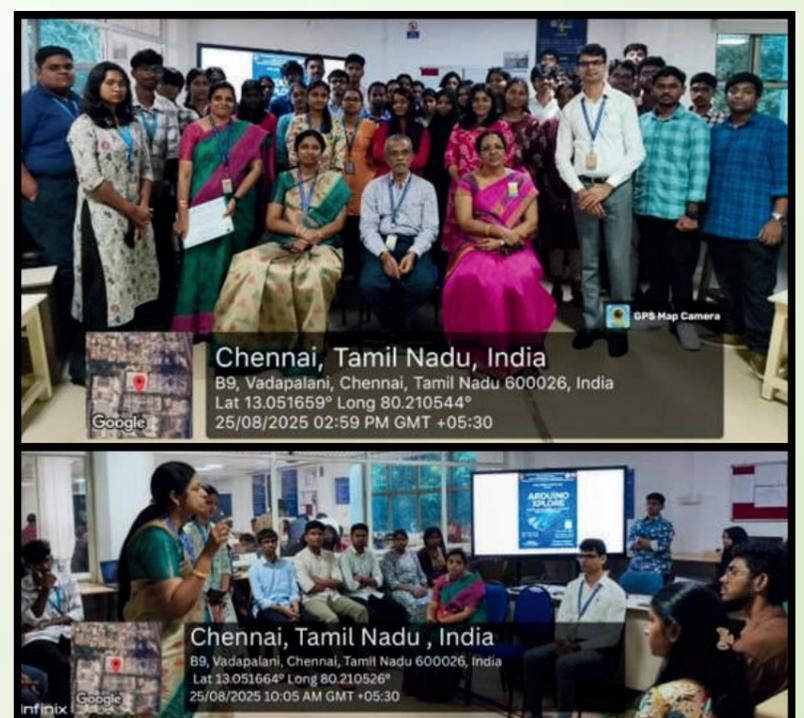
**Domain:** Workshop

**Date:** 25<sup>th</sup> August 2025

**Faculty Coordinators:** Dr. Akila V & Dr. Sanjay Kumar

The Robotics Club – The Department of ECE, SRMIST Vadapalani Campus organized a hands-on workshop on “Arduino & Its Applications”, with 50 participants from ECE, CSE, AIML and VLSI across Vadapalani and Ramapuram campuses.

The session included Arduino IDE setup, WOKWI simulations, LED blinking, ultrasonic sensor interfacing and IoT integration using ThingSpeak. The workshop concluded with certificate distribution, motivating students to build real-time Arduino-based projects.



# Hands-on Workshop on Embedded Systems & IoT



**Domain:** Workshop

**Date:** 2<sup>nd</sup> September 2025

**Resource Persons:** Mr. Paramasivam K, CEO – Founder, Ignite Innovation Techno Solutions, Chennai

Mr. Sudhakar V, , CEO – Co Founder, Ignite Innovation Techno Solutions, Chennai

**Faculty Coordinators:** Dr. Sathiya R & Dr. Vasuki A

The Department of ECE, SRMIST Vadapalani Campus conducted a hands-on workshop on “Embedded Systems & IoT” to strengthen students’ practical understanding of embedded technologies and IoT applications.

The session covered microcontroller fundamentals, sensor interfacing and development of IoT-based solutions for home device control through guided demonstrations.

## AARAMBH’25 – Youth Startup Summit 10<sup>th</sup> Edition

**Domain:** Startup Summit

**Date:** 9<sup>th</sup> September 2025

**Faculty Coordinators:** Mr. Dinesh Babu A & Mrs. Bhuvaneshwari V

The Department of ECE, SRMIST Vadapalani Campus hosted the 10<sup>th</sup> Edition of AARAMBH’25 – Youth Startup Summit, featuring keynote sessions by eminent dignitaries and a platform for student innovators.

Dr. S. Rajasekaran, Managing Director, Infant Engineers Pvt. Ltd., served as the Chief Guest and Dr. Mukesh Krishnan M. B, Academic Chair, Directorate of Entrepreneurship & Innovation, as the Guest of Honour, sharing valuable insights on entrepreneurship. “Startup Arena 2050” showcased student idea pitching before jury members Mr. Balaji Arumugam and Mr. Srivatsan Dakshana, encouraging innovation and startup culture.



# ABHIGYAN' 25

## Sustainable Synergy

**Domain:** Symposium

**Date:** 11<sup>th</sup> September 2025

**Resource Persons:** Mr. Vishwanathan K.G,  
Director – Workforce Development, India Electronics  
and Semiconductor Association

Mr. Kandavel U, Product Marketing Manager at  
Elektronika Sales Private Limited

Mr. Karthikeyan Ramu, Design Manager at Elektronika  
Sales Private Limited

**Faculty Coordinators:** Dr. Priti Rishi, Dr. Sathiya R &  
Dr. Vasuki A



The Department of ECE at SRMIST, Vadapalani Campus proudly hosted its 14<sup>th</sup> National Level Technical Symposium, Abhigyan 2025 – Sustainable Synergy. The theme emphasized innovative ideas and collaborative efforts toward building a sustainable future. The event commenced with a warm welcome address by Dr. A. Shirly Edward, HOD, ECE Department, followed by insightful addresses from Dr. C. V. Jayakumar, Dean, FET and Dr. C. Gomathy, Vice Principal (Academics & Placements).



The presence of the Chief Guest and Guests of Honour enriched the event, while a range of technical and non-technical competitions encouraged innovation, teamwork, and enthusiasm among participants from various Institutions like

- 1.Veltech hightech engineering college
- 2.TJS College of Arts and Science
- 3.Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for Women
- 4.Madras Christian College
- 5.M. O. P. Vaishnav College for Women
- 6.RKM Vivekananda College
- 7.Peri College of Arts & Science
- 8.Sathyabama Institute of Science and Technology
- 9.Saveetha school of engineering(simats)
- 10.Dr.Mahalingam College of Engineering and technology
- 11.Anna Adharsh College for Women
- 12.SRMIST, Ramapuram
- 13.VIT Chennai
14. Vellammal Institute of Science and Technology
15. B.S. Abdur Rahman Crescent Institute of Science and Technology

# Quest Innovate

**Domain:** Project Competition

**Date:** 15<sup>th</sup> September 2025

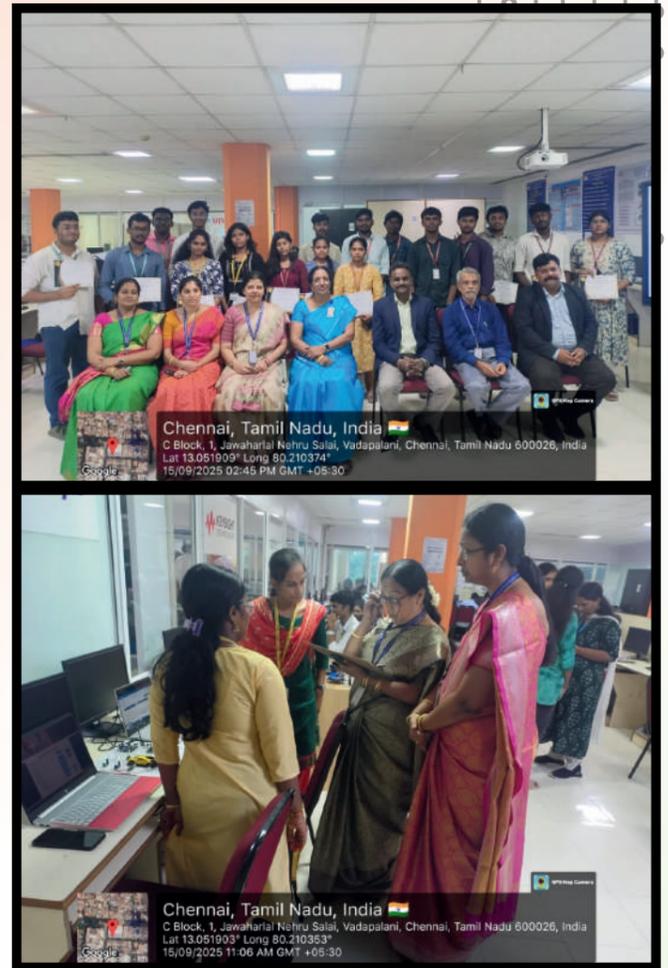
**Faculty Coordinators:** Mrs. Bhuvaneshwari V & Dr. Vanitha V

On Engineer's Day 2025, the Department of ECE, SRMIST, Vadapalani, hosted "Quest Innovate", an inter-college project contest.

The event featured Hardware and Software tracks, encouraging innovation and creativity. Students from several reputed engineering colleges actively participated and presented their projects.

The projects were evaluated by esteemed judges Dr. Nagarajan P and Dr. Vaishali D.

The contest highlighted innovative ideas across various technical domains. Winners were awarded cash prizes and certificates in recognition of their efforts.



## Internal Selection – Smart India Hackathon 2025

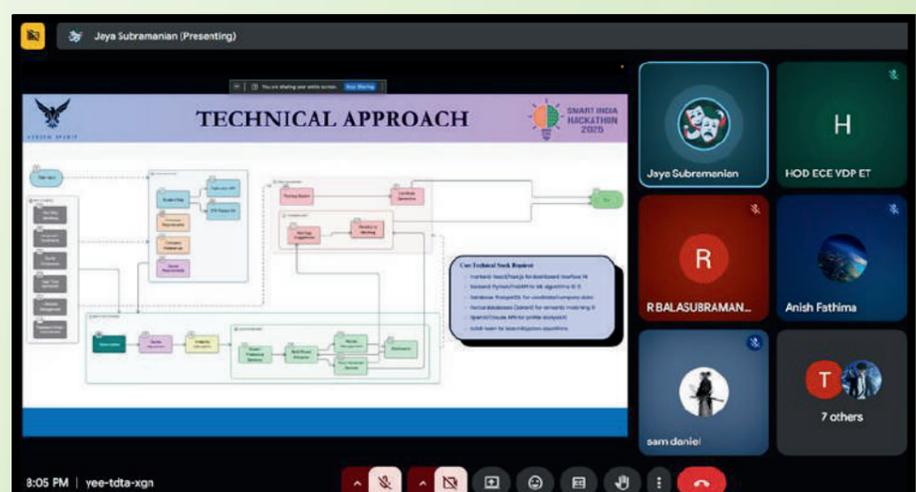
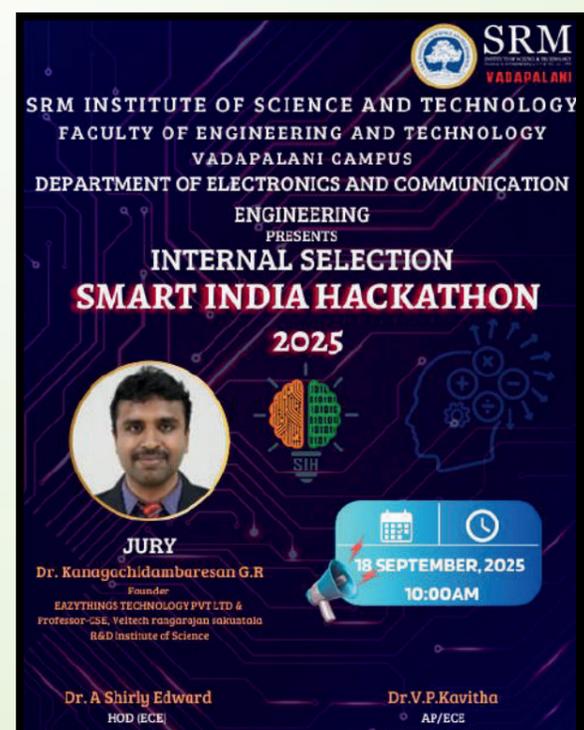
**Domain:** Hackathon

**Date:** 18<sup>th</sup> September 2025

**Chief Guest:** Dr. Kanagachidambaresan G. R., Founder, EAZYTHINGS Technology Pvt. Ltd., and Professor (CSE), Veltech Rangarajan Dr. Sagunthala R&D Institute of Science.

**Faculty Coordinator:** Dr. Kavitha V P

The Department of ECE, SRMIST Vadapalani Campus, successfully conducted the "Internal Selection – Smart India Hackathon 2025". The event aimed to screen and promote innovative, problem-solving ideas aligned with national priorities under the Smart India Hackathon initiative. The internal selection witnessed enthusiastic participation, with 27 teams comprising six members each presenting a total of 29 innovative ideas. After expert evaluation, 17 teams were shortlisted, 2 teams were placed on the waiting list, and 19 teams in total advanced to the next stage of the competition.



# Skill Development Session - SIH 2025

## Hardware Domain Team



**Domain:** Mentoring Session

**Date:** 29<sup>th</sup> September 2025

**Chief Guest:** Mr. Fazul U , Mr. Iyer Mukund , Ms. Anjanasri S

**Faculty Coordinator:** Dr. Kavitha V P & Mr. Dinesh Babu A

The Department of ECE , SRMIST, Vadapalani, hosted a Skill Development Session for SIH 2025 hardware teams. The program was organized in collaboration with the Directorate of Alumni Affairs. Distinguished alumni mentors interacted with students and shared practical guidance. Teams received focused feedback to strengthen their project ideas. The session encouraged active discussions and learning. The event also initiated continued alumni support as teams prepare for the SIH 2025 grand finale.

## Networks of the future: How 5G and 6G Will Transform Industries and Careers

**Domain:** Guest lecture

**Date:** 13<sup>th</sup> Oct 2025

**Resource Person:** Mr. Sunil David, Digital technology consultant, Ex-Regional Director – IoT AT&T, India.

**Faculty Coordinator:** Dr. Bestley Joe S

The Department of ECE, SRMIST, Vadapalani, highlighted how 5G and emerging 6G technologies are transforming industries. The session focused on the role of the telecom sector in India's digital economy and addressed key industry challenges. Network evolution, core features of 5G, and its advantages such as high speed and low latency were briefly explained.



# Annual Academic Audit

**Domain:** Academic Audit

**Date:** 13<sup>th</sup> October 2025

**External Expert:** Dr. Jeyalakshmi V, Professor, ECE, College of Engineering, Guindy (CEG), Anna University, Chennai

**Faculty Coordinators:** Dr. Kavitha V P & Dr. Augustine Fletcher A S

The Department of ECE, SRMIST Vadapalani Campus, successfully conducted the Annual Academic Audit (AAA) for the Academic Year 2024–2025.

The audit involved a systematic review of academic processes, curriculum delivery, and assessment practices. Faculty documentation, student performance records, and quality assurance mechanisms were thoroughly evaluated. The audit provided constructive recommendations aimed at continuous academic and institutional improvement.



## Hands-on Workshop on Cyberscan



**Domain:** Workshop

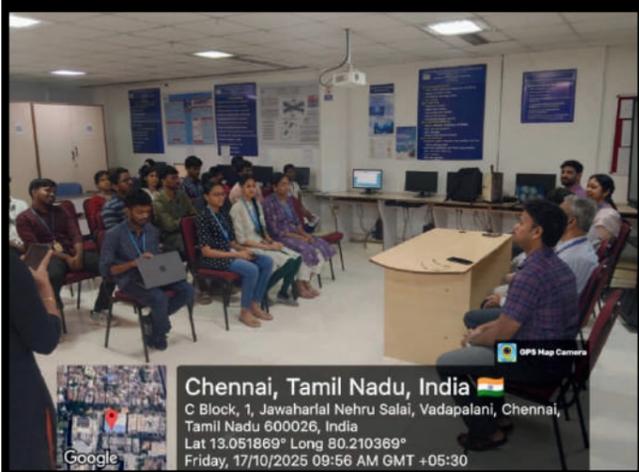
**Date:** 17<sup>th</sup> October 2025

**Resource Person:** Mr. Matheenulla Khan S

Batch: 2010–2014

Lead Risk Approver, Standard Chartered Bank

**Faculty Coordinator:** Mr. Dinesh Babu A, Dr. Balaji S



The Department of ECE, SRM Institute of Science and Technology, Vadapalani Campus, in association with the Directorate of Alumni Affairs, IEI Students Chapter, and Institution's Innovation Council, organized a hands-on alumni workshop titled "Cyberscan: Exploring Network Security and Vulnerability Assessment with Nmap". The session introduced students to basic network security concepts and vulnerability assessment using Nmap through demonstrations and interactive discussions, providing practical exposure to cybersecurity tools.

# Hands-on Training in Machine Learning and Artificial Intelligence for Biomedical Applications

**Domain :** Faculty Development Programme

**Date:** 10<sup>th</sup> to 15<sup>th</sup> November 2025

**Resource Persons:** Dr. Vaishali D, Assistant Professor, Department of ECE, SRMIST, Vadapalani  
Dr. Venkataramani Kumar, Assistant Professor, University of Puerto Rico at Mayaguez, USA, and an alumnus of SRMIST (Batch 2013–2017)

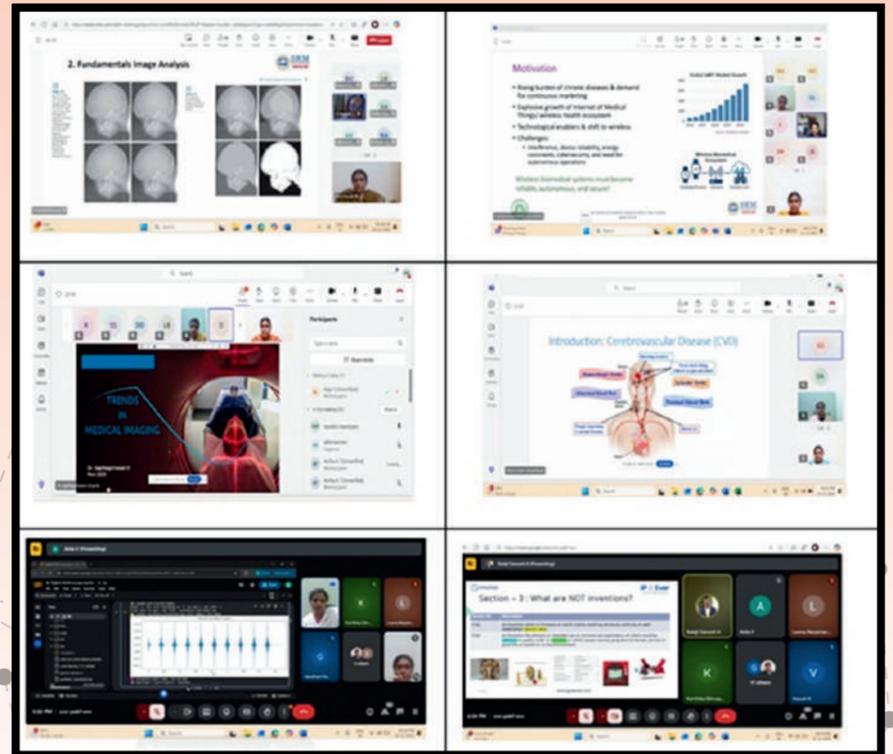
Dr. V. Sathagirivasan, Solution Architect – Engineering R&D, Medical Life Sciences, Capgemini, Bangalore

Dr. P. Glaret Subin, Assistant Professor, Department of ECE, SRMIST, Vadapalani

Dr. V. Akila, Assistant Professor, Department of ECE, SRMIST, Vadapalani

Dr. Balaji Ganesh A, Scientist @ AMTZ CEO, Emsensing Technologies, Andhra Pradesh.

**Faculty Coordinators:** Dr. Vasuki A & Dr. Akila V



The Department of ECE, conducted a six - day online Faculty Development Program (FDP) on hands-on Machine Learning and Artificial Intelligence for Biomedical applications which received enthusiastic participation from research scholars, industry professionals and faculty members across various disciplines. The training program focused on topics like Fundamentals of Biomedical Imaging and Image Processing, Feature Extraction and Classical Machine Learning and Latest Wireless Technologies in Biomedical Applications. A Hands-on Session on Deep Learning Library Functions in MATLAB was also organized.

## Every day AI: Your Smart Assistant at Work for Non-teaching staff

**Domain:** Skill Development Workshop

**Date:** 18<sup>th</sup> November 2025

**Faculty Coordinators:** Dr. Anju M I & Dr. Akila V

This training program was designed specifically for non-technical staff from various departments. Non-teaching staff from the departments of ECE, CSE, CSE - ETech and Mechanical Engineering participated in the event. A hands-on session was also conducted, featuring practical exercises using ChatGPT and Perplexity with different prompt techniques.



# Student Internship Program on Semiconductor Device Modelling

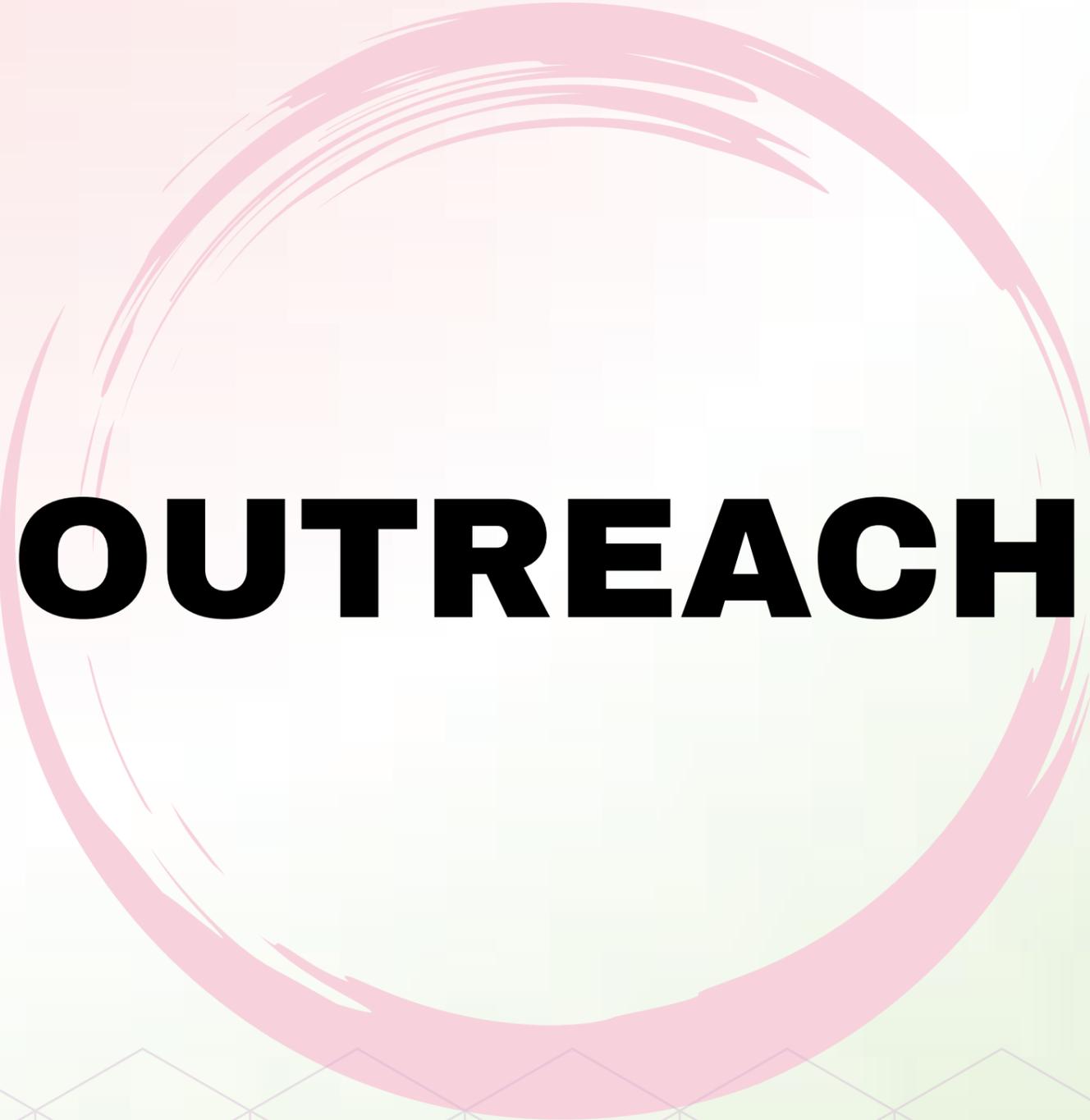
**Domain :** Internship

**Date:** 8<sup>th</sup> to 12<sup>th</sup> December 2025

**Faculty Coordinators:** Dr. Karthik S & Dr. Kavitha V P

The Department of ECE, SRMIST, Vadapalani, organized a five-day intensive Student Internship Program on Semiconductor Device Modelling. The program covered key topics on PN Junction and FET modelling as well as Advanced Device Simulations. This programme provided the participants with practical exposure to industry tools and training for research and teaching, enabling students to enhance their skills in the field of device modelling and VLSI.



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# **OUTREACH**

# TechnoMANIA - Electronics Project Competition 2025

**Domain:** Outreach

**Date:** 30<sup>th</sup> July 2025

**Faculty Coordinators:** Dr. Vasuki A & Dr. Shalini M



The Department of ECE, SRMIST, Vadapalani Campus, organized TechnoMANIA – Electronics Project Competition 2025, for school students. Over 90 students participated across junior and senior categories, presenting innovative projects on emerging technologies. The students from Schools like PSBB Sr. Sec. School, Kola Perumal Chetty Vaishnav Sr. Sec. School, Sri Krish International School, Maharishi Vidya Mandir Sr. Sec. School, SMT Durgadevi Choudhary Vivekananda Vidyalaya Sr. Sec. School, Jawahar Hr. Sec. School, SriMathi Maharani Bai Jamuna Doss Vaishnav Hr. Sec. School & Daniel Thomas Matric Hr. Sec. School participated. The event was evaluated by Dr. Karthik S and Dr. Sathiya R.

## SDG Programme

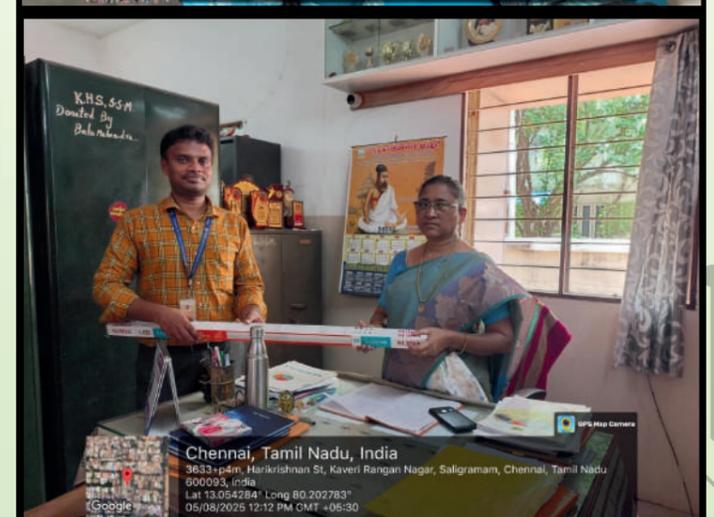
**Domain:** Outreach

**Date:** 5<sup>th</sup> August 2025

**Faculty Coordinators:** Mr. Rathina Kumar P & Dr. Balaji S

The Department of ECE, SRMIST Vadapalani Campus, successfully organized a One Day SDG Programme at Kaveri High School, Saligramam, Chennai. The session saw active participation from 50 enthusiastic 10<sup>th</sup>-grade students.

This programme introduced students to the Sustainable Development Goals (SDGs), inspiring awareness, responsibility, and action toward a sustainable future.



# C2S Awareness Outreach Programme

**Domain:** Outreach

**Date:** 3<sup>rd</sup> September 2025

**Faculty Coordinator:** Dr. Kavitha V P & Mr. Dinesh Babu A

The Department of ECE, SRMIST Vadapalani, organized a C2S Awareness Outreach Program at Pt. Lee Chengalvaraya Naicker Polytechnic College, Chennai.

The program aimed to promote awareness of the India Semiconductor Mission among students.

It highlighted the software tools and infrastructure available under the C2S initiative. Students were informed about career opportunities in public and private sectors, academia, and research. The session also emphasized career prospects in Electronics, VLSI, and Semiconductor technologies



# XION Little Champs 2025

**Domain:** Outreach

**Date:** 7<sup>th</sup> October 2025

**Chief Guest:** Mr. Bezalel S, Founder, Enlight Wisdom Robotics & AI Engineer

**Faculty Coordinators:** Dr. Akila V & Dr. Sanjay Kumar

XION Little Champs 2025 was organized as part of the department's outreach initiative to encourage innovation among school students. Over 30 participants from multiple schools showcased their creative projects, featuring themes such as robotics, AI, and smart systems. The event fostered young talent through evaluation, recognition, and awards, inspiring students to explore technology-driven solutions.



# SCOPE – Student Corporates Outreach Programme

**Domain:** Outreach

**Date:** 24<sup>th</sup> October 2025

**Faculty Coordinator:** Dr. Akila V

The Department of ECE, SRMIST Vadapalani Campus, in association with the Institution's Innovation Council, organized the SCOPE – Student Corporates Outreach Program for the students of Sri Sivasamy Kalalaya Matriculation Higher Secondary School. The program aimed to create awareness about engineering education and innovation-driven learning.

Students were introduced to emerging technologies and industry expectations. The session provided guidance on career pathways and higher education opportunities.

Overall, the outreach program motivated students to explore science, technology, and innovation-oriented careers.



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# **INDUSTRIAL VISIT**

# Sudha & Shankar Innovation Hub, IIT Madras

**Domain:** Industrial Visit

**Date:** 23<sup>rd</sup> & 24<sup>th</sup> September 2025

**Faculty Organizers:** Dr. Vaishali D & Dr. Balaji T S

**Faculty Accompanied:** Dr. Shirly Edward A, Dr. Vasuki A, Mr. Dinesh Babu A & Dr. Kabilamani P

The Department of ECE, SRMIST organized an Industrial visit for third year ECE and ECE - DS students to IIT Madras. They explored the Innovation and Pre-Incubator Cell (Nirmaan) along with several interdisciplinary student tech teams at IIT Madras, including solar racing, driverless vehicles, hyperloop, Mars rover, and formula racing (EV & autonomous). The visit offered insight into cutting-edge research, sustainable engineering solutions, and the entrepreneurship ecosystem that supports ideation, prototyping, and incubation. It also highlighted the importance of global competition exposure and emphasized teamwork, leadership, and resilience in modern engineering projects.



# CSIR - Council of Scientific and Industrial Research

**Domain:** Industrial Visit

**Date:** 26<sup>th</sup> September 2025

**Faculty Organizer:** Dr. Kabilamani P

**Faculty Accompanied:** Mr. Rathina Kumar P, Dr. Illayaraja K T, Dr. Shalini M & Mr. Deepjyoti Deb

The Department of ECE, SRMIST organized an Industrial visit for first year ECE, ECE - DS & EE VLSI students to CSIR. Students explored cutting-edge technologies, research infrastructure, and development processes. The visit enhanced their understanding of scientific experimentation, data-driven research, and innovation practices, bridging academic learning with real-world research experiences.



# Spectrum Softech Solution , Kerala

**Domain:** Industrial Visit

**Date:** 8<sup>th</sup> - 12<sup>th</sup> October 2025

**Faculty Organizer:** Dr. Kabilamani P

**Faculty Accompanied:** Dr. Balaji S,  
Dr. Bestley Joe & Dr. Akila V

The Department of ECE, SRMIST organized an Industrial visit for third year ECE & ECE DS students to Kerala. The trip included sightseeing in Munnar, fun activities at Wonderla, and a technical visit to Spectrum Softech Solutions in Kochi. Students learned about software development, hosting, digital marketing, and other IT services during the company visit. They also enjoyed boating experiences, beach views, and cultural exploration.



# Retech Solutions, Chennai

**Domain:** Industrial Visit

**Date:** 24<sup>th</sup> October 2025

**Faculty Organizer:** Dr. Kabilamani P

**Faculty Accompanied:** Dr. Balaji S ,  
Mr. Dinesh Babu A, Dr. Anju M I & Dr. Vanitha V

The Department of ECE, SRMIST organized an Industrial visit for second year ECE, ECE-DS & EE(VLSI) students to Retech Solutions, Chennai. Students interacted with industry professionals and explored automation systems, IoT applications, and embedded hardware design, gaining practical insights into modern engineering workflows and innovation practices. This visit served as a valuable platform to connect classroom learning with industrial experience, enriching students with technical knowledge and professional understanding.



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# **PLACEMENTS**

# PLACEMENTS



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**THARMARAJ R**  
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Yuzhan Technology

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# **RESEARCH**

# JOURNAL PUBLICATIONS

S.NO	Title of the Paper	Name of the Authors	Name of the Journal	Month & Year
1	Design and Optimization of a CNT-FET based Binary Edge Activated Synchronous Trigger Flip-Flop (BEAST) for Low Power ULSI Implementation	<b>Nagarajan P</b> Lalith Kumar S Hariharan M Nitheesh S <b>Anju M I</b> Rahul Krishnan	IEEE Xplore	Jul-2025
2	Development and Implementation of SiC MOSFET in Electric Vehicles in MATLAB Simulink	<b>Sathiya R</b> <b>Priti Rishi</b> Aathirai E Hariprasath B	IEEE Xplore	Jul-2025
3	Investigation of Single Event Transient Effects Induced by Heavy ion in Dual Gate TFET	<b>Balaji S</b> Bhuvanesan B Saruvardhan K S	IEEE Xplore	Jul-2025
4	Optimizing HEMTs: Innovations in Field Plate Design for Superior Performance and Reliability	Lakshmi Priya K <b>Karthik S</b>	IEEE Xplore	Jul-2025
5	Optimized CMOS Device Architecture for Ultra-low Power Integrated Circuits: Design and Performance Analysis	<b>Karthik S</b> Babu D Swetha S Aadhithyan S K	Lecture Notes in Networks and Systems, Springer.	Jul-2025
6	Malicious Website Detection using Machine Learning	<b>Sanjay Kumar</b> <b>K Sri Krishna</b> <b>Santhosh Jerome A R</b> <b>Akash Bharath V S</b>	IEEE Xplore	Jul-2025
7	Enhanced Brain and Lung Tumor Detection by Explainable AI Techniques	Malathi Marichamy <b>Nagarajan Pandian</b> Sujatha Kesavan Mudassir Khan	Traitement du Signal - IETA	Aug-2025

# JOURNAL PUBLICATIONS

S.NO	Title of the Paper	Name of the Authors	Name of the Journal	Month & Year
8	An IoT Based Mini Healthcare Kit for Smart Personal Health Monitoring	Sinthia P <b>Nagarajan P</b> Ashok Kumar Kavitha Thandapani Malathi M	Lecture Notes in Networks and Systems, Springer Nature.	Aug-2025
9	Real-Time Monitoring and Early Detection of Earthquakes Through Wireless Sensor Networks in IOT	Malathi M Sinthia P <b>Nagarajan P</b> Ashokkumar N Kavitha T Arthy G	Lecture Notes in Networks and Systems, Springer Nature.	Aug-2025
10	Improved Ion/Ioff and Drain Current Ratio of Hafnium-Based Biological Field-Effect Transistor Compared with Different Gate Oxide for Better Performances in Low-Power Applications	Karthikeyan P Krishnamurthy M Sathesh Raaj R <b>Nagarajan P</b> Shenbagam P Atchaya R	Lecture Notes in Electrical Engineering, Springer Nature.	Aug-2025
11	Key frame extraction based abnormal vehicle identification technique using statistical distribution analysis	Peer Mohamed Appa M A Y Vanitha V <b>Priti Rishi</b> Shrddha Sagar Asha Paul M	Scientific Reports-nature	Aug-2025
12	Beyond Ideal Models: Non-Idealities in TCAD Simulations of Dielectric-Modulated FETs for Label-Free Biosensing	Rupam Goswami Vivek Menon Unnikrishnan Suman Kr Mitra <b>Deepjyoti Deb</b> Prachuryya Subash Das Hirakjyoti Choudhury Raja Vipul Gautam	Frontiers in Electronics	Sep-2025
13	Design and Implementation of Sequential Element Based on CNTFET Using Multi-Threshold Style for Low Power and High-Performance VLSI Architectures	<b>Nagarajan P</b> <b>Dinesh Babu A</b> <b>Kabilamani P</b> <b>M Mahitha</b> <b>Manoj K</b> <b>Abdul Salaam</b>	IEEE Xplore	Sep-2025
14	An Area Efficient Approach to Realize Vedic Multiplier using 4-2 Compressor adder for Image processing Applications	Dhanasekar S Govindaraj V <b>Augustine Fletcher A S</b>	International Journal of Electronics	Sep-2025

# JOURNAL PUBLICATIONS

S.NO	Title of the Paper	Name of the Authors	Name of the Journal	Month & Year
15	Performance Analysis of Electrical Impedance and Acoustic Tomography for Early Breast Cancer Detection	Annapoorni G Vani R <b>Vaishali D</b>	Progress In Electromagnetics Research	Sep-2025
16	MLVI-CNN: a hyperspectral stress detection framework using machine learning optimized indices and deep learning for precision agriculture	<b>Poornima S</b> <b>Shirly Edward A</b>	Frontiers in Plant Science	Sep-2025
17	Performance evaluation of junction-free and conventional III-V double-gate TFET for high-power analog/RF applications	<b>Tamilarasi R</b> <b>Karthik S</b>	Applied Physics A: Materials Science and Processing	Oct-2025
18	Influence of polarization engineering in In <sub>x</sub> Al <sub>y</sub> Ga <sub>1-x-y</sub> back-barrier on AlGaIn coupled channel MOS-HEMT with HfO <sub>2</sub> gate dielectric for millimeter wave application	<b>Lakshmi Priya K</b> <b>Karthik S</b>	Frontiers in Materials	Oct-2025
19	Design and Implementation of Filter bank multicarrier Transceiver for 5G waveforms	<b>Kabilamani P</b> <b>Gomathy C</b>	Wireless Personal Communication	Oct-2025
20	Integrating Ant Colony Optimization with Deep Learning for Improved Lung Cancer Diagnosis and Prognosis	Sujatha Kesavan Malathi Marichamy <b>Nagarajan Pandian</b> Sinthia Panneerselvam Ashokkumar Nagarajan Jalal Deen Khan Mohamed	The Asian Pacific Journal of Cancer Prevention (APJCP)	Nov-2025
21	Hybrid compression-based routing strategies for enhanced energy efficiency in wireless sensor networks	Sudhanshu Maurya <b>Karthik S</b> Priyadarsini K Karthik P C Saranya V G	Journal of Cloud Computing	Nov-2025
22	Evaluating the Performance of SVM and Random Forest in Air Quality Monitoring and Prediction	Arthy G Malathi M Sinthia P <b>Nagarajan P</b> Ashokkumar N Kavitha Thandapani	Springer Nature	Nov-2025

# JOURNAL PUBLICATIONS

S.NO	Title of the Paper	Name of the Authors	Name of the Journal	Month & Year
23	Multimodal Semantic Segmentation Model for Remote Sensing Image	Ashokkumar N Shaik Javid Basha <b>Nagarajan P</b> Kavitha T Shaik Mohammad Eliyas K Abdul Rahman	PERTANIKA PROCEEDINGS	Nov-2025
24	Dense Net and Clustering Saliency Maps: A Novel Approach for Alzheimer's Diagnosis	Ashokkumar N Shaik Javid Basha <b>Nagarajan P</b> Kavitha T Shaik Mohammad Eliyas Praveen Kumar N	PERTANIKA PROCEEDINGS	Nov-2025
25	Inorganic Nanocatalysts for Energy Systems, Environmental/Industrial Processes and Healthcare Applications: A Comprehensive Review	Ajayan J Sreejith S Mounika B <b>Augustine Fletcher A S</b> Ribu Mathew Saravanan M Puneet Sharma	Materials Today Sustainability	Dec-2025
26	Efficient QoS- Aware and Secure Routing in WSN With IoT Devices Using Snow Geese Optimized Gates- Controlled Deep Unfolding Single- Head Vision Transformer Network	<b>Kavitha V P</b> Lavanya K Magesh V Theivanathan G	International Journal of Communication Systems	Dec-2025
27	A Compact Dielectric Resonator Antenna Based Microwave Sensor for Non-Invasive Blood Glucose Monitoring	Rahul Krishnan Vanaja Selvaraj <b>Nagarajan Pandian</b> Sheela Sammandhan Inam Ullah Khan Sai Kiran Oruganti	Instrumentation Mesure Métrologie	Dec-2025
28	Electronic and structural dynamics of metal oxide nanostructures for gas detection	<b>Balaji T S</b> <b>Balaji S</b> <b>Rathinakumar P</b> <b>Karthik S</b>	Chemical Physics Impact	Dec-2025
29	Reinforcement Learning Based Dynamic Vegetation Index Formulation for Rice Crop Stress Detection using Satellite and Mobile Imagery	<b>Poornima S</b> <b>Shirly Edward A</b>	Scientific Reports- nature	Dec-2025
30	HGANF: a hybrid graph-attentive neural framework for intelligent wireless channel modelling in next generation networks.	<b>Tamilchelvan</b> <b>Gomathy C</b>	Eurasip Journal on Wireless Communications and Networking	Dec-2025

# PATENTS

Sl.No	Invention Title	Name of Inventor(s)	Date of Publishing
1	A SYSTEM OF ERGONOMIC ASSISTIVE WRITING USING A PRESSURE-SENSITIVE DIGITAL PEN	K.Sirushti Sricharan Suresh Saishiva Ganesh Dr.Sridevi Sridhar <b>Dr.Akila V</b>	01.08.2025
2	OFFLINE VOICE-ACTIVATED CHESSBOARD SYSTEM FOR INDIVIDUALS WITH CONGENITAL LIMB AMPUTATIONS	Dr.Anitha R Mr.Aniruth Ramanujam K Ahamed A Mothish Kumar Dr. Jean Shilpa V Dr.Anusooya S Aadhil Ahamed Meeran Dr. Magesh Mani <b>Dr. Sekhar Karthik</b>	24.10.2025
3	SMART BLIND STICK USING GPS	Dr. Dhanusha P B Dr. Binu Mathew K Dr. Sreekala K S Dr. Sita Radhakrishnan <b>Dr. Anju M I</b> Ms. Aparna M Ms. Limi Mathew Ms. Vyshnavi S	31.10.2025
4	RADIO FREQUENCY TRANSCEIVER FOR WIRELESS COMMUNICATION	<b>Dr. Sanjay Kumar</b> Dr. Senthilkumar V Dr. Shrish Bajpai Dr. Divya Sharma Dr. Umarani B Dr. Neelam Sanjeev Kumar	11.12.2025

# CONFERENCE PRESENTATIONS

S.No	Author	Title of the Presentation	Name of the Conference	Organised by
1	Dr. Priti Rishi	Design and Development of a Low-Cost and Energy-Efficient Optical Wireless Communication System using Li-Fi	International Conference on Condensed Matter Physics and Nanotechnology (ICCMNP-2025)	SRMIST
2	Dr. Nagarajan P	Biomaterial Enhanced Multimodal Sensor Model for Early detection of Blood Disorder	International Conference on Condensed Matter Physics and Nanotechnology (ICCMNP-2025)	SRMIST
3	Dr. Nagarajan P	Nanomaterials for Low Power and High Performance Device Modelling	International Conference on Condensed Matter Physics and Nanotechnology (ICCMNP-2025)	SRMIST
4	Dr. Nagarajan P	A Comparative analysis of Various Biosensor with 2D and 3D Materials for Cancer Detection	International Conference on Condensed Matter Physics and Nanotechnology (ICCMNP-2025)	SRMIST
5	Dr. Nagarajan P	Design and Implementation of Sequential Element Based on CNTFET Using Multi-Threshold Style for Low Power and High Performance VLSI Architectures.	2025 International Conference on Computing Technologies and Data Communication (ICCTDC)	Malnad College of Engineering.
6	Dr. Nagarajan P	Advances in Early Detection of Sickle Cell Disease : Current Techniques and Future Directions.	6 <sup>th</sup> International Conference on Smart Electronics and Communication (ICOSEC'25)	Kongunadu College of Engineering and Technology
7	Dr. Nagarajan P	OptiSCDNet : An Optimized Network for Sickle Cell Morphology Analysis with Integrated Binary and Severity Classification	International Conference Nex Gen Networks and Cybernetics (IC2NC 2025)	Nandha Engineering College
8	Dr. Nagarajan P	Twin Nail Clock Triggering D Flip Flop Using CNTFET Technology for Efficient VLSI systems	6 <sup>th</sup> International Conference on Smart Electronics and Communication (ICOSEC'25)	Kongunadu College of Engineering and Technology
9	Dr. Nagarajan P	Transforming Higher Education Through Outcome Based Education and Effective Instructional Design	3rd International Conference on Sustainable Computing and Smart Systems (ICSCSS 2025)	Hindustan College of Engineering and Technology
10	Dr. Nagarajan P	SAFE-IoT: A Smart Analytics Framework for Early Food Spoilage Detection in Street-Vendor Environments	IoT and Sensor Embedded IoT: Driving Smart Connectivity	J.C. Bose University of Science & Technology

# CONFERENCE PRESENTATIONS

S.No	Author	Title of the Presentation	Name of the Conference	Organised by
11	Dr. Nagarajan P	Evaluating the Performance of SVM and Random Forest in Air Quality Monitoring and Prediction	5 <sup>th</sup> International Conference on Computer Vision and Robotics (CVR 2025)	National Institute of Technology
12	Dr. Nagarajan P	Real-Time Monitoring and Early Detection of Earthquakes Through Wireless Sensor Networks in IoT	Modern Practices and Trends in Expert Applications and Security	IES University Bhopal
13	Dr. Nagarajan P	An IoT Based Mini Healthcare Kit for Smart Personal Health Monitoring	Modern Practices and Trends in Expert Applications and Security	IES University Bhopal
14	Dr. Nagarajan P	Integrated Monitoring System for Railway Wagon Coal Load Tracking: Sensor-Based Detection and Real-Time Notification	6 <sup>th</sup> International Conference on Data Science and Applications (ICDSA 2025)	Malaviya National Institute of Technology
15	Dr. Nagarajan P	Revolutionizing Accessibility with Multi Modal Text to Speech Conversion	6 <sup>th</sup> International Conference on Smart Electronics and Communication (ICOSEC'25)	Kongunadu College of Engineering and Technology
16	Dr. Nagarajan P	Hybrid GDI-CNTFET CLA : A Low Power Solution for Modern VLSI	International Conference on Computational and Cognitive Systems Design ICCSS25	Rathinam Technical Campus
17	Dr. Karthik S	Emerging Trends in Two-Dimensional Semiconductor Field-Effect Transistors: Interface Engineering, Quantum Transport, and Device Integration	International Conference on Condensed Matter Physics and Nanotechnology (ICCMNP-2025)	SRMIST
18	Dr. Karthik S	Reconfigurable Acceleration Paradigms for Deep Learning in Healthcare: A Comprehensive Review	9 <sup>th</sup> International Conference on Electronics, Communication and Aerospace Technology (ICECA 2025)	RVS Technical Campus
19	Dr. Karthik S	From Signals to Smart Systems: A Modern Review of ML Models in Arrhythmia Detection	6 <sup>th</sup> International Conference on Smart Electronics and Communication (ICOSEC 2025)	Kongunadu College of Engineering and Technology,
20	Dr. Karthik S	Data-Driven AI for Dynamic Service Ecosystems: From Intent Mining to Proactive Network Assurance	The 23 <sup>rd</sup> Australasian Data Science and Machine Learning Conference (AusDM'25)	QUT, BRISBANE
21	Dr. Karthik S	Electronic and Structural Dynamics of Metal Oxide Nanostructures for Gas Detection	International Conference on Condensed Matter Physics and Nanotechnology (ICCMNP-2025)	SRMIST

# CONFERENCE PRESENTATIONS

S.No	Author	Title of the Presentation	Name of the Conference	Organised by
22	Dr. Vaishali D	Comprehensive Review of Neurological disorders using Machine Learning	International Conference on Condensed Matter Physics and Nanotechnology (ICCMNP-2025)	SRMIST
23	Dr. Vaishali D	Review of Neurological disorders using Machine Learning	International Conference on Information Technology Enablers for persons with disability	IETE Chennai
24	Dr. Sathiya R	Design and Development of a Low-Cost and Energy-Efficient Optical Wireless Communication System using Li-Fi	International Conference on Condensed Matter Physics and Nanotechnology (ICCMNP-2025)	SRMIST
25	Mr. Rathinakumar P	Various Types of Thoracic Impedance Measurement: A Comparative Review of Modern Approaches	International Conference on Condensed Matter Physics and Nanotechnology (ICCMNP-2025)	SRMIST
26	Mr. Rathinakumar P	Non-Invasive Detection of Varicose Veins	International Conference on Condensed Matter Physics and Nanotechnology (ICCMNP-2025)	SRMIST
27	Dr. Vasuki A	Securing Full Stack Microservices: A Machine Learning Approach	International Conference on Condensed Matter Physics and Nanotechnology (ICCMNP-2025)	SRMIST
28	Dr. Vasuki A	A Review on Intelligent Reflecting Surfaces Enhanced Wireless Communication aided with Deep Learning and NOMA	International Conference on Condensed Matter Physics and Nanotechnology (ICCMNP-2025)	SRMIST
29	Dr. Vasuki A	A Survey on Integrated Sensing and Communication – Signal Processing Perspective	16 <sup>th</sup> International Conference on Business Information Security (BISEC'2025)	Metropolitan University
30	Dr. Balaji T S	Electronic and Structural Dynamics of Metal Oxide Nanostructures for Gas Detection	International Conference on Condensed Matter Physics and Nanotechnology (ICCMNP-2025)	SRMIST
31	Dr. Balaji T S	Emerging Trends in Two-Dimensional Semiconductor Field-Effect Transistors: Interface Engineering, Quantum Transport, and Device Integration	International Conference on Condensed Matter Physics and Nanotechnology (ICCMNP-2025)	SRMIST
32	Dr. Balaji S	Electronic and Structural Dynamics of Metal Oxide Nanostructures for Gas Detection	International Conference on Condensed Matter Physics and Nanotechnology (ICCMNP-2025)	SRMIST

# CONFERENCE PRESENTATIONS

S.No	Author	Title of the Presentation	Name of the Conference	Organised by
33	Dr. Balaji S	Emerging Trends in Two-Dimensional Semiconductor Field-Effect Transistors: Interface Engineering, Quantum Transport, and Device Integration	International Conference on Condensed Matter Physics and Nanotechnology (ICCM PN-2025)	SRMIST
34	Dr. Kavitha V P	Performance Analysis of 10nm Strained N-finfet and P-finfet Devices Using TCAD Sentaurus	International Conference on Condensed Matter Physics and Nanotechnology (ICCM PN-2025)	SRMIST
35	Dr. Kavitha V P	Junctionless FinFET-Based Hydrogen Gas Sensors: A Comprehensive Review of Design, Performance, and Reliability	6 <sup>th</sup> International Conference on Smart Electronics and Communication (ICOSEC'25)	Kongunadu College of Engineering and Technology
36	Dr. Anju M I	Quantum-Inspired Lifting Schemes for Energy-Efficient Biomedical Image Compression in IoT Devices	International Conference on Condensed Matter Physics and Nanotechnology (ICCM PN-2025)	SRMIST
37	Dr. Bestley Joe S	Performance evaluation on the frequency response of quartz based microcantilever beam piezoelectric energy harvester	3 <sup>rd</sup> International Conference on Emerging Research in Computational Science (ICERCS'25)	Karpagam Academy of Higher Education (Deemed to be University)
38	Dr. Bestley Joe S	Smart Maritime Border Alert and Vessel Identification System for Fishermen Using GPS, LoRa Communication and Proximity Detection	3 <sup>rd</sup> International Conference on Emerging Research in Computational Science (ICERCS'25)	Karpagam Academy of Higher Education (Deemed to be University)
39	Mrs. Bhuvaneshwari V	Enhancing memory security using quantum dot cellular automata-based logic locking gates	International Conference on Condensed Matter Physics and Nanotechnology (ICCM PN-2025)	SRMIST
40	Dr. Vanitha V	Quantum-Inspired Lifting Schemes for Energy-Efficient Biomedical Image Compression in IoT Devices	International Conference on Condensed Matter Physics and Nanotechnology (ICCM PN-2025)	SRMIST
41	Dr. Vanitha V	Performance evaluation on the frequency response of quartz based microcantilever beam piezoelectric energy harvester	3 <sup>rd</sup> International Conference on Emerging Research in Computational Science (ICERCS'25)	Karpagam Academy of Higher Education (Deemed to be University)
42	Mr. Deepjyoti Deb	A Machine Learning Based Approach Towards Prediction of RTN-like Signatures in MOSFETs	7 <sup>th</sup> IEEE INTERNATIONAL CONFERENCE ON CYBERNETICS, COGNITION AND MACHINE LEARNING APPLICATIONS (ICCCMLA) 2025	NORDAKADEMIE HOCHSCHULE DER WIRTSCHAFT

# BOOK CHAPTERS

S.NO	Title of the Book	Title of the Book Chapter	Name of Author	Publication
1	Blockchain and IoT	Architecture, Security, and Privacy for Blockchain Using Enabling Technologies	Priyadarsini K <b>Dr. Karthik S</b> Anitha R Jean Shilpa V Anusooya S Jeba Sonia J Charanjeet K	Taylor and Francis
2	Quantum Computing	Analysis of Post-Quantum Cryptography Algorithms	Shiva Prasad Kaleru Ashok Kumar N Bharathi M Sandhyakumari G Neelima K <b>Dr. Nagarajan P</b>	Taylor and Francis - CRC Press
3	AI, Numerical Optimization, IoT and Blockchain for Healthcare 4.0	Smart in-home health monitoring system using IoT: architecture and enhancements	<b>Dr. Karthik S</b>	IET
4	Millimeter Wave and Terahertz Devices for 5G and 6G Systems	Compact Miniaturized-Flexible-Single Layer (CMFS) - FSS for Millimeter-Wave Communication	<b>Dr. Vanitha V</b> Esther Florence S Vimal Samsingh R Radha S Abdul Rahim Sadiq Batcha	Springer

# FACULTY DEVELOPMENT PROGRAM

S.No	Name of the Program	Name of the Faculty	Name of the Institute Organised
1	AI, ML & Deep Learning for Autonomous Vehicles	Ilayarajaa K T	Pantech
2	Generative AI	Glaret Subin P	SRM Institute of Science and Technology
3	SDG,ESG and Industry Innovation	Glaret Subin P	SRM Institute of Science and Technology
4	Generative AI	Balaji T S	SRM Institute of Science and Technology
5	Sensor Technologies: Physics, Fabrication, and Circuits	Balaji T S	NPTEL Swayam
6	AI,ML & Deep Learning for Autonomous Vehicles	Bestley Joe S	Pantech
7	Recent Advancements in AI & ML	Bestley Joe S	St. Josephs College of Engineering
8	Accreditation, ranking and NEP: Strategies for academic Excellence	Bestley Joe S	Jerusalem College of Engineering
9	Recent Advancements in AI & ML	Vanitha V	St. Josephs College of Engineering
10	Reconfigurable and compact antennas: Enabling real-time solutions in wearable and healthcare technologies	Vanitha V	Rajalakshmi Engineering College
11	AI,ML & Deep Learning for Autonomous Vehicles	Vanitha V	Pantech

# FACULTY DEVELOPMENT PROGRAM

S.No	Name of the Program	Name of the Faculty	Name of the Institute Organised
12	Teaching and Learning in general Programs	Nagarajan P	NPTEL Swayam
13	AI, ML & Deep Learning for Autonomous Vehicles	Augustine Fletcher A S	Pantech
14	Recent Advancements in AI & ML	Augustine Fletcher A S	St. Josephs College of Engineering
15	STEAM SYNERGY: Co-Creating Innovative Environment Through Design Thinking	Deepjyoti Deb	SRM Institute of Science and Technology
16	Teaching and Learning in general Programs	Anju M I	NPTEL Swayam
17	Accreditation, ranking and NEP: Strategies for academic Excellence	Anju M I	Jerusalem College of Engineering
18	Hardware Modeling using Verilog	Anju M I	NPTEL Swayam
19	Hardware Modeling using Verilog	Karthik S	NPTEL Swayam
20	30 Day Masterclass on Prompt Engineering	Karthik S	Pantech
21	Demystifying Networking	Akila V	NPTEL Swayam
22	Machine Learning using Verilog	Vaishali D	NPTEL Swayam
23	Quantum Data Science: Introduction, Technologies & Applications" (QDSA-2025)	Bhuvaneswari V	Annant Gyan Knowledge and Skills Private Limited
24	Recent Evolutions in Microwave and Optical Technologies (REMOTE) 2025	Shalini M	SRM Institute of Science and Technology, Kattankulathur

# FACULTY DEVELOPMENT PROGRAM

S.No	Name of the Program	Name of the Faculty	Name of the Institute Organised
25	Phased Array Antenna, Weather Radars and Microwave Circuits	Shalini M	IIT Palakkad
26	Introduction to Machine learning	Shalini M	NPTEL Swayam
27	Hardware Modeling using Verilog	Bhuvaneswari V	NPTEL Swayam
28	Emerging Trends in Quantum Technologies	Bhuvaneswari V	Grover Centre of Quantum Technology, Rajalakshmi Institute of Technology
29	Digital and Analog VLSI Design using Cadence EDA Tools	Bhuvaneswari V	SRM IST
30	Advances in Deep Learning for Medical imaging and disease diagnosis	Akila V	Sambalpur University Institute of Information technology
31	Sensor Technologies: Physics, Fabrication, and Circuits	Karthik S	NPTEL Swayam
32	Generative AI	Karthik S	SRM Institute of Science and Technology
33	Demystifying Networking	Akila V	NPTEL Swayam
34	Generative AI	Kavitha V P	SRM Institute of Science and Technology

# FACULTY DEVELOPMENT PROGRAM

S.No	Name of the Program	Name of the Faculty	Name of the Institute Organised
35	National Level Workshop on "Emerging Trends in Quantum Technologies"	Nagarajan P	Rajalakshmi Institute of Science and Technology
36	ATAL Faculty Development Program on Secure and Intelligent System on Chips	Karthik S	Department of Electronics, Cochin, University Of Science And Technology.
37	6 Days – Online FACULTY DEVELOPMENT PROGRAM (FDP) on "Artificial Intelligence's Impact on Transforming Software, Robotics, Electrical, Electronics & Mechanical fields	Karthik S	Dhaanish Ahmed College Of Engineering
38	Introduction to Wireless and Cellular Communications	Vasuki A	IIT Madras
39	Semiconductor Device and circuits	Deepjyoti Deb	IIT Madras
40	6 Days ATAL - FDP on Smart Sensing for a Greener Tomorrow: Effective Usage of Electronic Sensors for Environmental Sustainability	Balaji T S	Rajalakshmi Institute of Technology
41	6 Days ATAL - FDP on Smart Sensing for a Greener Tomorrow: Effective Usage of Electronic Sensors for Environmental Sustainability	Kavitha V P	Rajalakshmi Institute of Technology
42	AI for Sustainable Development Goals	Kavitha V P	Vishwakarma Institute of Technology
43	AI Driven Innovations in Pedagogy for Enhanced Learning Outcomes	Kavitha V P	SRM Institute of Science and Technology
44	6 Days ATAL - FDP on Smart Sensing for a Greener Tomorrow: Effective Usage of Electronic Sensors for Environmental Sustainability	Balaji S	Rajalakshmi Institute of Technology

# FACULTY DEVELOPMENT PROGRAM

S.No	Name of the Program	Name of the Faculty	Name of the Institute Organised
45	AI Driven Innovations in Pedagogy for Enhanced Learning Outcomes	Vanitha V	SRM Institute of Science and Technology
46	AI Driven Innovations in Pedagogy for Enhanced Learning Outcomes	Akila V	SRM Institute of Science and Technology
47	AI Driven Innovations in Pedagogy for Enhanced Learning Outcomes	Nagarajan P	SRM Institute of Science and Technology
48	6 Days ATAL - FDP on Smart Sensing for a Greener Tomorrow: Effective Usage of Electronic Sensors for Environmental Sustainability	Nagarajan P	Rajalakshmi Institute of Technology
49	7 Days (40 Hours) FDP on VLSI Design Flow From RTL to GDSII	Deepjyoti Deb	Chennai Institute Of Technology
50	Signal Processing for mm Wave Communication for 5G and Beyond	Shalini M	NPTEL Swayam
51	6 Days Online FDP - Artificial Intelligence's Impact on Transforming Software, Robotics, Electrical, Electronics & Mechanical Fields	Balaji T S	Dhaanish Ahmed College Of Engineering
52	6 Days Online FDP - Artificial Intelligence's Impact on Transforming Software, Robotics, Electrical, Electronics & Mechanical Fields	Balaji S	Dhaanish Ahmed College Of Engineering



**Ph.D**  
**COMPLETION**

# Ph.D Completion



**Ms. Tamilarasi R**, a full-time research scholar of the Department of ECE, SRM IST, Vadapalani Campus, successfully defended her Ph.D. Viva Voce on 19<sup>th</sup> September 2025. Her doctoral research, titled “Design and Performance Analysis of Double Gate Junctionless Tunnel Field Effect Transistor for Analog/RF Applications,” presents significant contributions to the field of analog and RF transistor design. The research was conducted under the guidance of Dr. S. Karthik, Associate Professor, Department of ECE.



**Ms. Saranya V G**, a full-time research scholar in the Department of ECE, SRMIST, Vadapalani Campus, successfully completed her Ph.D. Viva Voce on 25<sup>th</sup> September 2025. Her doctoral research, titled “Energy Efficient and Secure Wireless Sensor Networks Using Optimized Clustering and Localization,” presents significant contributions to the field of Wireless Sensor Networks. The research was carried out under the supervision of Dr. S. Karthik, Associate Professor, Department of ECE.

# Ph.D Completion



**Ms. Vanitha V**, Assistant Professor, Department of ECE, SRMIST, Vadapalani Campus has successfully completed her Ph.D. Viva-Voce on 17<sup>th</sup> October 2025 at Anna University. Her research titled as "Design and Development of Compact Frequency Selective Surfaces for EM Waves " under the guidance of Dr. S. Esther Florence, Associate Professor, ECE Department, CEG, Anna University, Chennai.



**Mr. Janarthanan M**, a part-time (external) research scholar in the Department of ECE at SRMIST, Vadapalani, successfully completed his Ph.D. Viva-Voce on 19<sup>th</sup> December 2025. His research, "Performance Analysis of High-Speed Underwater Visible Light Communication System and Optimization Using Multi-Level Regression", advances underwater communication technologies. The work was supervised by Dr. S. Karthik, Associate Professor, ECE.

A large, hand-drawn pink circle with a brushstroke texture, centered on the page. The background features a light green-to-white gradient and a pattern of faint, light purple hexagons at the bottom.

# **STUDENT INTERNSHIPS**

# STUDENT INTERNSHIPS

S.No	Register Number	Name	Class	Internship Details
1.	RA2411053040004	Falihah Ahamed	II ECE DS	Southern Railway, Electric Loco Shed, Royapuram, Chennai, Tamil Nadu 600013
2.	RA2411053040019	S. Harini	II ECE DS	Southern Railway, Electric Loco Shed, Royapuram, Chennai, Tamil Nadu 600014
3.	RA2411053040049	Divyan	II ECE DS	Southern Railway, Electric Loco Shed, Royapuram, Chennai, Tamil Nadu 600015
4.	RA2411053040023	Jaffrine Refina R	II ECE DS	Southern Railway, Electric Loco Shed, Royapuram, Chennai, Tamil Nadu 600016
5.	RA2411053040036	Aafreen Siddiqha K	II ECE DS	Southern Railway, Electric Loco Shed, Royapuram, Chennai, Tamil Nadu 600017
6.	RA2411053040046	Asra Haaniyah	II ECE DS	Southern Railway, Electric Loco Shed, Royapuram, Chennai, Tamil Nadu 600018
7.	RA2411053040008	R Tharun	II ECE DS	Southern Railway, Electric Loco Shed, Royapuram, Chennai, Tamil Nadu 600019
8.	RA2411053040033	Abu Bakr Siddique	II ECE DS	Southern Railway, Electric Loco Shed, Royapuram, Chennai, Tamil Nadu 600020
9.	RA2411053040053	M Poobesh	II ECE DS	Southern Railway, Electric Loco Shed, Royapuram, Chennai, Tamil Nadu 600021
10.	RA2411053040022	J. Linet Vincy	II ECE DS	The Ramco Cements Limited

# STUDENT INTERNSHIPS

S.No	Register Number	Name	Class	Internship Details
11.	RA2411053040035	S. Kaviya	II ECE DS	The Ramco Cements Limited
12.	RA2411053040021	S. Vedhaviyan	II ECE DS	Axis Global Automation, Thiru.Vi.Ka Industrial Estate, Ekkattuthangal, Chennai - 600032
13.	RA2411053040042	A. Shashank	II ECE DS	Semiconductor Device Modelling
14.	RA2411053040059	Sai Ram K	II ECE DS	L&T Construction Heavy Civil Infrastructure, Manapakkam, Chennai - 600089
15.	RA2411053040015	S. Lakshmi Aashritha	II ECE DS	L&T Construction Heavy Civil Infrastructure, Manapakkam, Chennai - 600089
16	RA2411053040031	Vijayalakshmi S	II ECE DS	Chennai Port Authority
17.	RA2411053040007	Patnam Sanjeeva Namritha	II ECE DS	Chennai Port Authority
18.	RA2411053040007	Patnam Sanjeeva Namritha	II ECE DS	AGNIRVA AI Internship
19.	RA2411053040006	Kalpatesh Madhavan	II ECE DS	Semiconductor Device Modelling
20.	RA2411053040013	Nithin G	II ECE DS	Semiconductor Device Modelling
21.	RA2411053040023	Jaffrine Refina R	II ECE DS	Zynoviq Solutions Private Limited
22.	RA2411053040041	Lathika Chezian N	II ECE DS	VYTCDC Software Training Institute



# STUDENT NPTEL CERTIFICATIONS

NAME OF THE COURSE	SILVER + ELITE	ELITE	SUCCESSFULLY COMPLETED	TOTAL NO.OF STUDENTS COMPLETED
Hardware Modeling using Verilog	1	8	28	37
Introduction to Programming in C	3	6	11	20
Demystifying Networking	-	1	1	2
<b>TOTAL</b>	<b>4</b>	<b>15</b>	<b>40</b>	<b>59</b>

# NPTEL ACHIEVERS



S.No	NAME	CLASS	COURSE	CERTIFICATE
1.	Talari Vamsi	ECE	Hardware Modeling using Verilog	Elite
2.	M SAI JANANI	ECE	Introduction to Programming in C	Elite
3.	Priyanka G	ECE	Introduction to Programming in C	Elite
4.	Sri lakshmi	ECE	Hardware Modeling using Verilog	Elite
5.	Janapareddi Likhitha	ECE	Hardware Modeling using Verilog	Elite
6.	NETHRA V	ECE	Introduction to Programming in C	Elite
7.	Koushik A	ECE	Hardware Modeling using Verilog	Elite
8.	DEEPESH J	ECE	Hardware Modeling using Verilog	Elite
9.	Vishal M	ECE	Hardware Modeling using Verilog	Elite
10.	VIGHNESH S	ECE	Hardware Modeling using Verilog	Elite
11.	TARIKA M	ECE	Introduction to Programming in C	Elite
12.	Anirudh G	ECE	Hardware Modeling using Verilog	Elite
13.	Sagana Y	ECE	Introduction to Programming in C	Elite
14.	Sai Dharshan	ECE	Hardware Modeling using Verilog	Elite+Silver
15.	SRINIDHI V	ECE	Introduction to Programming in C	Elite+Silver
16.	DEV RAJ	ECE	Introduction to Programming in C	Elite+Silver
17.	E P GOKUL	ECE	Introduction to Programming in C	Elite+Silver

# NPTEL ACHIEVERS



S.No	NAME	CLASS	COURSE	CERTIFICATE
18.	Balasanjeevi M	ECE	VLSI Design Flow: RTL to GDS	Elite
19.	Monishree R	ECE	Demystifying Networking	Elite
20.	Abirami S	ECE	Introduction to Programming in C	Elite
21.	D TANISHA	ECE	Introduction to Programming in C	Elite+Silver
22.	Kavinbharath Shanmuagam Pandian	ECE	Introduction to Programming in C	Elite
23.	Kavinbharath Shanmuagam Pandian	ECE	Big Data Computing	Elite

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 VADAPALANI CAMPUS, CHENNAI-26  
 DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

**JULY-DECEMBER NPTEL EXAMS-2025**  
 TO ECE STUDENTS FOR SECURING ELITE SILVER & ELITE IN  
 HARDWARE MODELING USING VERILOG

*Congratulations*

  
**SAI DHARSHAN**  
 III ECE

  
**TALARI VAMSI KRISHNA SAI**  
 III ECE-DS

  
**SRI LAKSHMI**  
 III ECE DS

  
**JANAPAREDDI LIKHITHA**  
 III ECE

  
**KOUSHIK A**  
 III ECE

  
**DEEPESH J - III ECE-DS**  
 VLSI DESIGN FLOW: RTL TO GDS

  
**VISHAL M -III ECE**  
 DEMYSTIFYING NETWORKING

  
**VIGHNESH S- III ECE**  
 BIG DATA COMPUTING

  
**ANIRUDH G -III ECE**

  
**BALASANJEEVI M -IV ECE**

  
**MONISHREE R-IV ECE**

  
**KAVINBHARATH SHANMUAGAM PANDIAN -II ECE**

  
**NAAC**  
 A++

  
 UCC  
 Category I with 12B Status

  
**nirf**  
 (2025) Ranked 11<sup>th</sup> University

  
**QS**  
 (2026) World Ranking one among 54 Indian Universities

  
**THE WORLD UNIVERSITY RANKINGS**  
 (2025) World Ranking one among 51 Indian Universities

  
**SHANGHAI RANKING**  
 (2025) World Ranking Ranked 8-9 in Indian Universities



# FACULTY NPTEL CERTIFICATIONS



S.NO	NAME OF THE FACULTY	COURSE COMPLETED
1	Dr. Karthik S	Hardware Modelling using Verilog
2	Dr. Sanjay Kumar	Sensor Technologies: Physics, Fabrication, and Circuits
3	Dr. Shirly Edward A	Hardware Modelling using Verilog
4	Dr. Nagarajan P	Teaching and Learning in General Programs
5	Dr. Glaret Subin P	Artificial Intelligence: Concepts and Techniques
6	Dr. Balaji T S	Sensor Technologies: Physics, Fabrication, and Circuits
7	Dr. Balaji S	Sensor Technologies: Physics, Fabrication, and Circuits
8	Mr. Rathina Kumar P	Sustainable Energy Technology
9	Dr. Kavitha V P	Demystifying Networking
10	Dr. Augustine Fletcher A S	Selection of Nanomaterials for Energy Harvesting and Storage Application
11	Dr. Vasuki A	Introduction to Wireless and Cellular Communication
12	Dr. Sathiya R	Fundamentals of Electronic Device Fabrication
13	Dr. Bestley Joe S	Design Thinking – A Primer
14	Dr. Deepjyoti Deb	Semiconductor Device and circuits



# FACULTY NPTEL CERTIFICATIONS



S. NO	NAME OF THE FACULTY	COURSE COMPLETED
15	Ms. Bhuvaneshwari V	Hardware Modelling using Verilog
16	Dr. Akila V	Demystifying Networking
17	Mr. Dinesh Babu A	Hardware Modelling using Verilog
18	Dr. Anju M I	Hardware Modelling using Verilog & Teaching and Learning in general Programs
19	Dr. Kabilamani P	Hardware Modelling using Verilog
20	Dr. Shalini M	Introduction to Machine learning & Signal Processing for mm Wave Communication for 5G and Beyond
21	Dr. Priti Rishi	Fundamentals of Electronic Device Fabrication



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 VADAPALANI CAMPUS, CHENNAI



**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**

## Congratulations! NPTEL Achievers

**TOPPERS**

  
**Dr. S. KARTHIK**  
 Associate Professor  
 Hardware Modeling using Verilog  
**ELITE + SILVER**  
 Top Topper 1%

  
**Dr. SANJAY KUMAR**  
 Assistant Professor  
 Sensor Technologies: Physics, Fabrication, and Circuits  
**ELITE + SILVER**  
 Top Topper 5%

**ELITE + SILVER**

  
**Dr. SHIRLY EDWARD A**  
 Professor & Head  
 Hardware Modeling using Verilog  
**ELITE + SILVER**

  
**Dr. P. NAGARAJAN**  
 Associate Professor  
 Teaching and Learning in general Programs  
**ELITE + SILVER**

  
**Dr. P. GLARET SUBIN**  
 Assistant Professor  
 Artificial Intelligence: Concepts and Techniques  
**ELITE + SILVER**

  
**Dr. T. S. BALAJI**  
 Assistant Professor  
 Sensor Technologies: Physics, Fabrication, and Circuits  
**ELITE + SILVER**

  
**Dr. S. BALAJI**  
 Assistant Professor  
 Sensor Technologies: Physics, Fabrication, and Circuits  
**ELITE + SILVER**

**ELITE ACHIEVERS**

  
**Mr. RATHINAKUMAR P**  
 Assistant Professor  
 Sustainable Energy Technology  
**ELITE**

  
**Dr. V. P. KAVITHA**  
 Assistant Professor  
 Demystifying Networking  
**ELITE**

  
**Dr. A. S. AUGUSTINE FLETCHER**  
 Assistant Professor  
 Selection of Nanomaterials for Energy Harvesting and Storage Application  
**ELITE**

  
**Dr. A. VASUKI**  
 Assistant Professor  
 Introduction to Wireless and Cellular Communications  
**ELITE**

  
**Dr. R. SATHYA**  
 Assistant Professor  
 Fundamentals of Electronic Design: Device Fabrication  
**ELITE**

  
**Dr. BESTLEY JOE S**  
 Assistant Professor  
 Thinking - A Primer  
**ELITE**

  
**Ms. V. BHUVANESWARI**  
 Assistant Professor  
 Hardware Modeling using Verilog  
**ELITE**

  
**Dr. V. AKILA**  
 Assistant Professor  
 Demystifying Networking  
**ELITE**

  
**Mr. A. DINESH BABU**  
 Assistant Professor  
 Hardware Modeling using Verilog  
**ELITE**

  
**Dr. ANJU M I**  
 Assistant Professor  
 Hardware Modeling using Verilog  
**ELITE**

















# **ACADEMIC TOPPERS**

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INSTITUTE OF SCIENCE & TECHNOLOGY  
VADAPALANI

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

# **Congratulates toppers**

**I - ECE (BATCH 2025-2029)**



**THILAGAVATHI B**  
SGPA: 10



**BHAVYA SHANKAR**  
SGPA: 10



**SREENANDHA M P**  
SGPA: 10



**NIVEATHA S**  
SGPA: 10



**REEMA SANJANA R**  
SGPA: 10



**PRAYAG SUNDAR**  
SGPA: 9.83



**SHARON P**  
SGPA: 9.83



**ABHILASH S**  
SGPA: 9.83



**SAM DANIEL L**  
SGPA: 9.83



**SARAN V**  
SGPA: 9.78



**NISHANT KAMALES**  
SGPA: 9.78



**AJMAL AHAMED Z**  
SGPA: 9.78

**ODD SEMESTER (ACADEMIC YEAR 2025-2026)**

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**FACULTY OF ENGINEERING AND TECHNOLOGY**  
**VADAPALANI CAMPUS**



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VADAPALANI

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

# **Congratulates toppers**

**I - ECE DS (BATCH 2025-2029)**



**DHANUSHRI M**  
**SGPA: 10**



**B RAGHURAM**  
**SGPA: 9.83**



**DHRUBOJYOTI MUKHERJEE**  
**SGPA: 9.83**



**KRISTOPHER AUGUSTUS JACOB**  
**SGPA : 9.83**



**DEVAGI V**  
**SGPA: 9.78**

**ODD SEMESTER (ACADEMIC YEAR 2025-2026)**

**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**  
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**VADAPALANI CAMPUS**



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VADAPALANI

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# **Congratulates toppers**

**I - EE VLSI (BATCH 2025-2029)**



**LAKSHMI  
NARASIMHAN  
GOPALAKRISHNAN**  
SGPA: 10



**AADARSHINI K**  
SGPA: 9.83



**TEJHASHWINI T**  
SGPA: 9.83



**HARINI G**  
SGPA : 9.78



**NIRANJANA G A**  
SGPA: 9.78

**ODD SEMESTER (ACADEMIC YEAR 2025-2026)**

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# **Congratulates toppers**

**II - ECE (BATCH 2024-2028)**



**E P GOKUL**  
SGPA: 10



**SRINIDHI V**  
SGPA: 10



**PRIYANKA.G**  
SGPA: 10



**DEV RAJ**  
SGPA: 10



**NETHRA V**  
SGPA: 10



**SAGANA Y**  
SGPA: 9.875



**VARUN RAJ S**  
SGPA: 9.875



**TARIKA M**  
SGPA: 9.875



**GAYATHRI  
LAKSHMANAN**  
SGPA: 9.833

**ODD SEMESTER (ACADEMIC YEAR 2025-2026)**

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**FACULTY OF ENGINEERING AND TECHNOLOGY**  
**VADAPALANI CAMPUS**



**SRM**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
VADAPALANI

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

# **Congratulates toppers**

**II- ECE DS (BATCH 2024-2028)**



**M SAI JANANI**  
**SGPA: 10**



**S ABIRAMI**  
**SGPA: 10**



**SRI YUTHIKA KONDAREDDY**  
**SGPA : 9.875**



**C T VAISALI**  
**SGPA: 9.833**

**ODD SEMESTER (ACADEMIC YEAR 2025-2026)**

**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**  
**FACULTY OF ENGINEERING AND TECHNOLOGY**  
**VADAPALANI CAMPUS**



**SRM**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
VADAPALANI

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

# **Congratulates toppers**

**II - EE VLSI (BATCH 2024-2028)**



**A PRABATH**  
**SGPA: 10**



**GOKUL K**  
**SGPA: 9.167**



**P.R GOKUL SHARAN**  
**SGPA : 9.167**



**T ARUN SELVAN**  
**SGPA: 8.875**

**ODD SEMESTER (ACADEMIC YEAR 2025-2026)**

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**FACULTY OF ENGINEERING AND TECHNOLOGY**  
**VADAPALANI CAMPUS**



**SRM**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
VADAPALANI

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

# **Congratulates toppers**

**III - ECE (BATCH 2023-2027)**



**VISHAL M**  
SGPA: 10



**JANAPAREDDI  
LIKHITHA**  
SGPA: 9.85



**G ANIRUDH**  
SGPA: 9.85



**G MONISHA**  
SGPA: 9.85



**ANAND  
YASASWINI**  
SGPA: 9.85



**SAI DHARSHAN K**  
SGPA: 9.85



**PRAVEEN D**  
SGPA: 9.7



**KISHORE N S**  
SGPA: 9.7



**A KOUSHIK**  
SGPA: 9.7



**LAKSSHITHA B**  
SGPA: 9.7



**R SSADHANA**  
SGPA: 9.7

**ODD SEMESTER (ACADEMIC YEAR 2025-2026)**

**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**  
**FACULTY OF ENGINEERING AND TECHNOLOGY**  
**VADAPALANI CAMPUS**



**SRM**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
VADAPALANI

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

# **Congratulates toppers**

**III - ECE DS (BATCH 2023-2027)**



**SUMITHA  
NANDHAKUMAR  
SGPA: 9.85**



**ANIKA JHA  
SGPA: 9.85**



**VAMSI KRISHNA  
SGPA: 9.85**



**LOHITASHVA  
SGPA: 9.85**



**SUPRIYA S  
SGPA: 9.70**



**RHODA  
RAKSHANA  
SGPA: 9.70**



**REKHAPALLI  
MITHESH  
SGPA: 9.65**



**MOHAMMED SHABAR  
SGPA: 9.65**

**ODD SEMESTER (ACADEMIC YEAR 2025-2026)**

**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**  
**FACULTY OF ENGINEERING AND TECHNOLOGY**  
**VADAPALANI CAMPUS**



**SRM**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
VADAPALANI

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

# **Congratulates toppers**

**IV- ECE (BATCH 2022-2026)**



**DEEPIKA P**  
**SGPA: 9.83**



**HEMASRI S P**  
**SGPA: 9.83**



**MONISHREE R**  
**SGPA:9.67**



**GOKULAVAANNAN S H**  
**SGPA:9.67**



**MAHITHA M**  
**SGPA:9.5**



**HARIHARASUBRAMANIAN N**  
**SGPA:9.5**

**ODD SEMESTER (ACADEMIC YEAR 2025-2026)**

**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY**  
**FACULTY OF ENGINEERING AND TECHNOLOGY**  
**VADAPALANI CAMPUS**



**SRM**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
VADAPALANI

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

# **Congratulates toppers**

**IV - ECE DS (BATCH 2022-2026)**



**SARANYA R**  
**SGPA: 10**



**S ABHINAYA**  
**SGPA: 10**



**SYED IRFAN S R**  
**SGPA: 9.833**



**NAVITHYAN P**  
**SGPA: 9.833**



**HARISH KUMAAR S**  
**SGPA: 9.833**



**AVANTIKA S**  
**SGPA: 9.833**



**B BHUVANESAN**  
**SGPA: 9.67**



**RIYAN R**  
**SGPA: 9.67**

**ODD SEMESTER (ACADEMIC YEAR 2025-2026)**



**SRM**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
Deemed to be University u/s 3 of UGC Act, 1956  
**VADAPALANI**

**SRM INSTITUTE OF SCIENCE AND TECHNOLOGY  
FACULTY OF ENGINEERING AND TECHNOLOGY  
VADAPALANI CAMPUS**

**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**

*Congratulates toppers*

**M. TECH - VLSI DESIGN**



**TRISHA A S  
SGPA: 9.06**

**RA2512008040002  
I YEAR**



**KISHAAN PRAKASH  
SGPA: 9.6**

**RA2412008040001  
II YEAR**

**ODD SEMESTER (ACADEMIC YEAR 2025-2026)**

# STUDENTS ACHIEVEMENTS

## Performance Based Merit Scholarship

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY  
FACULTY OF ENGINEERING AND TECHNOLOGY  
VADAPALANI CAMPUS, CHENNAI

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

**Congratulations!** to all the recipients of the Merit Scholarship!

 <b>NETHRA V</b> 1 <sup>st</sup> Rank B.Tech - ECE (II year) Rs. 37500	 <b>SAGANA Y</b> 1 <sup>st</sup> Rank B.Tech - ECE (II year) Rs. 37500	 <b>SRINIDHI V</b> 1 <sup>st</sup> Rank B.Tech - ECE (II year) Rs. 37500	 <b>PRIYANKA G</b> 1 <sup>st</sup> Rank B.Tech - ECE (II year) Rs. 37500	 <b>ABIRAMI S</b> 1 <sup>st</sup> Rank B.Tech - ECE DS (II year) Rs. 37500	 <b>M SAI JANANI</b> 1 <sup>st</sup> Rank B.Tech - ECE DS (II year) Rs. 37500
 <b>JEFFRINE REFINA R</b> 3 <sup>rd</sup> Rank B.Tech - ECE DS (II year) Rs. 33000	 <b>SWETHAASANKARI V</b> 4 <sup>th</sup> Rank B.Tech - ECE DS (II year) Rs. 30750	 <b>SWETHA SRI S</b> 6 <sup>th</sup> Rank B.Tech - ECE DS (II year) Rs. 26250	 <b>PRABATH A</b> 1 <sup>st</sup> Rank B.Tech - ECE VLSI (II year) Rs. 37500		

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY  
FACULTY OF ENGINEERING AND TECHNOLOGY  
VADAPALANI CAMPUS, CHENNAI

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

**Congratulations!** to all the recipients of the Merit Scholarship!

 <b>ANAND YASASWINI</b> 2 <sup>nd</sup> Rank B.Tech - ECE (III year) Rs. 35250	 <b>A KOUSHIK</b> 2 <sup>nd</sup> Rank B.Tech - ECE (III year) Rs. 35250	 <b>S LAKSHEETHA</b> 4 <sup>th</sup> Rank B.Tech - ECE DS (III year) Rs. 30750	 <b>MOHAMMED SHABAR M</b> 6 <sup>th</sup> Rank B.Tech - ECE DS (III year) Rs. 26250	 <b>ISHWARYA LAXMI P</b> 7 <sup>th</sup> Rank B.Tech - ECE DS (III year) Rs. 24000	 <b>S SUPRIYA</b> 7 <sup>th</sup> Rank B.Tech - ECE DS (III year) Rs. 24000
 <b>SRI LAKSHMI S</b> 7 <sup>th</sup> Rank B.Tech - ECE DS (III year)	 <b>V S LOHITASHVA</b> 8 <sup>th</sup> Rank B.Tech - ECE DS (III year)	 <b>SUMITHA NANDA KUMAR</b> 10 <sup>th</sup> Rank B.Tech - ECE DS (III year) Rs. 17750			

# STUDENTS ACHIEVEMENTS

## Performance Based Merit Scholarship

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY  
FACULTY OF ENGINEERING AND TECHNOLOGY  
VADAPALANI CAMPUS, CHENNAI

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

**Congratulations!** to all the recipients of the Merit Scholarship!

 <b>DEEPIKA P</b> 5 <sup>th</sup> Rank B.Tech - ECE (IV year) Rs. 28500	 <b>S ABHINAYA</b> 1 <sup>st</sup> Rank B.Tech - ECE DS (IV year) Rs. 37500	 <b>SYED IRFAN S R</b> 3 <sup>rd</sup> Rank B.Tech - ECE DS (IV year) Rs. 33000
 <b>HARISH KUMAAR S</b> 5 <sup>th</sup> Rank B.Tech - ECE DS (IV year) Rs. 28500	 <b>SARANYA R</b> 5 <sup>th</sup> Rank B.Tech - ECE DS (IV year) Rs. 28500	

## Japanese Language Merit Certification(NAT-TEST)

 <p>合格証 CERTIFICATE NAT-TEST</p> <p><b>D TANISHA</b></p> <p>あなたは日本語 NAT-TEST の次の級に合格したことを証します This is to certify that you have successfully passed Japanese Language NAT-TEST.</p> <p>級 Level: 5Q (N5相当) 受験番号 Examinee's Number: 25080048250079 試験年月 Test Month &amp; Year: 2025年8月 / August 2025 試験会場 Test Site: チェンナイ / インド / CHENNAI / INDIA</p> <p>2025年8月29日 August 29, 2025</p> <p>日本語 NAT-TEST 運営委員会 Japanese Language NAT-TEST Steering Committee</p>	 <p>合格証 CERTIFICATE NAT-TEST</p> <p><b>NETHRA.V</b></p> <p>あなたは日本語 NAT-TEST の次の級に合格したことを証します This is to certify that you have successfully passed Japanese Language NAT-TEST.</p> <p>級 Level: 5Q (N5相当) 受験番号 Examinee's Number: 25080048250185 試験年月 Test Month &amp; Year: 2025年8月 / August 2025 試験会場 Test Site: チェンナイ / インド / CHENNAI / INDIA</p> <p>2025年8月29日 August 29, 2025</p> <p>日本語 NAT-TEST 運営委員会 Japanese Language NAT-TEST Steering Committee</p>
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Tanisha D and Nethra V of II ECE has successfully cleared the Japanese Language NAT-TEST (5Q / N5 Equivalent) conducted in August 2025 at Chennai, marking an important step in Japanese language learning.

# STUDENTS ACHIEVEMENTS

## SPORTS ACHIEVEMENTS

**Mr. Nithik Nathella**, II B.Tech ECE (Registration No.: RA2411004040039),

- Won three **Gold Medals** in the 200 m Backstroke, 4x100 m Freestyle Relay, and 4x100 m Medley Relay.
- Secured one Bronze Medal in the 4x200 m Freestyle Relay at the All India Inter-University Aquatic Championship held at SRMIST December 2025
- Clinched two gold medals in the 100m and 200m backstroke events at the prestigious CM Trophy 2025.



**Ms. N. Sharvani**

I Year B.Tech ECE, (Registration No.: RA2511004040052)

- Secured Second Place in the State Ranking Table Tennis Tournament held at ICF Indoor Stadium, August 2025.
- Secured the Runner-up position in the South Zone Inter-University Table Tennis Championship, held at GITAM University, Visakhapatnam, December 2025.

**Mr. S. Imayavan**

II Year B.Tech ECE, (Registration No.: RA2411004040038)

- Won Silver Medal at the State Elite Men's Boxing Championship, held in Coimbatore December 2025.



# STUDENTS ACHIEVEMENTS

## SPORTS ACHIEVEMENTS

**Darshanaa M(RA2511053040061), 1 Year**

B. Tech ECE-DS

- Secured Bronze Medal in the Rollball Skating Championship conducted by the Tamil Nadu Rollball Association, August 2025.
- Gold Medal in the 2000m Road Race at the State Level Tamil Nadu Speed Skating Competition held in Karur



**Shameena Riaz(RA2511004040051), 1 Year**

B. Tech ECE-DS

- Won the Silver Medal in the prestigious Tamil Nadu Chief Minister Trophy Squash Tournament 2025, held in Chennai , October 2025.
- Finished Top 8 at the Senior National Championships 2025 held in Delhi.

# BEST OUTGOING STUDENTS

## BATCH 2021 - 2025



**Srilakshmi S** (2021–2025 | CGPA: 9.55) secured Super Dream IT offers from Barclays and TCS Digital. She won an International Healthcare Hackathon for developing an AI-based cardiac arrhythmia detection system, earning a ₹70,000 cash prize. She completed internships at Nokia, BSNL, NSIC, and Techindia, gaining hands-on experience in IoT and telecom. She also published an IEEE paper at ICECA 2024 and executed advanced projects in deep learning, HEMT analysis, and graph algorithms. A versatile achiever, she won two Silver medals in Badminton and a Bronze in Arm Wrestling.



**Hariharan M** (2021–2025 | CGPA: 9.69) is the University 1<sup>st</sup> Rank Holder, securing first position in all semesters. He received dual placement offers from KPIT Technologies and Accenture. He completed four prestigious internships at KPIT, L&T (DRDO), Microsoft, and EY, gaining exposure in Embedded Systems, Radar, Cloud, and Data Analytics. His academic portfolio includes high-impact projects in VLSI, Signal Processing, NLP, and PCB Design, along with an IEEE publication. A proven leader, he served as President of XION and the Startup Club, earned 5+ awards, and completed multiple AI/ML and Cloud certifications.

# STUDENT ACHIEVEMENT IN CO-CURRICULAR AND EXTRA CURRICULAR ACTIVITIES

S.NO	REGISTRATION NO.	NAME OF THE PARTICIPANT	NAME OF THE EVENT	MONTH & YEAR
1	RA2311004040015 RA2311004040040	Atchaya R Aashish B	III Prize in Six Eyes Shadow Down at a National Level Symposium held at St. Joseph's Institute of Technology	Aug 2025
2	RA2311004040040	Aashish B	II Prize in Rapid Rest in Puzzle at a National Level Symposium held at St. Joseph's Institute of Technology	Aug 2025
3	RA2411004040038 RA2411004040038	Milan Surya	Won Prizes in Tamil Mandram Chancellor Birthday	Aug 2025
4	RA2511053040035	Sujith Kumar K	Runner Up in Har Ghar Tiranga Campaign held at SRMIST C-Tech Department	Aug 2025

# STUDENT ACHIEVEMENT IN CO-CURRICULAR AND EXTRA CURRICULAR ACTIVITIES

S.NO	REGISTRATION NO.	NAME OF THE PARTICIPANT	NAME OF THE EVENT	MONTH & YEAR
5	RA2411053040004 RA2411053040015 RA2411053040008	Falihah Ahamed Lakshmi Aashritha Tharun R	1st Prize in Intra Institutional Idea Competition / Challenge Ideathon – 2025 held at SIMATS Engineering	Aug 2025
6	RA2311053040002 RA2311053040028 RA2311053040007 RA2311053040039	Dharani Kumar M S S. Paramasivan Gary Nayagam A Tharun Jawaharlal S	Finalist in the event Hack & Beyond held at SRMIST KTR, ECE DEPT	Aug 2025
7	RA2311004040024 RA2311004040040	Kate Jonita Anand Yasaswini	III Prize in Paper Presentation at Slice' 25, a National Level Symposium held at Loyola – ICAM College of Engineering and Technology (LICET)	Aug 2025



# FACULTY ACHIEVEMENTS



S. NO	Name of the Faculty	Honors/Award Received	Name of the Organization	Year of Award	Type of Recognition
1	Dr. Shirly Edward A	IEEE Best Publication Award	IEEE Madras Section	AUG 2025	Appreciation Certificate
2	<b>Dr. Shirly Edward A</b>	<b>NPTEL Silver Medal in Hardware Modeling Using Verilog</b>	<b>NPTEL</b>	<b>NOV 2025</b>	<b>Silver Medal</b>
3	Dr. Priti Rishi	Journal Reviewer	Journal of Innovative Optical Health Sciences (JIOH)	DEC 2025	Reviewer
4	Dr. Priti Rishi	Mentor Certificate	Introduction to Programming in C	DEC 2025	Appreciation Certificate
5	Dr. Nagarajan P	Research Monitoring committee Member	Fifth Research Monitoring Committee meeting	JULY 2025	Research Monitoring committee Member
6	Dr. Nagarajan P	Resource Person	SRM IST, VDP	AUG 2025	Appreciation Certificate
7	Dr. Nagarajan P	Journal Reviewer	Internet Technology Letters	AUG 2025	Journal Reviewer
8	Dr. Nagarajan P	Journal Reviewer	The Open COVID Journal	SEPT 2025	Journal Reviewer
9	Dr. Nagarajan P	Project Reviewer	QUEST INNOVATE - Engineer's Day	SEPT 2025	Project reviewer
<b>10</b>	<b>Dr. Nagarajan P</b>	<b>NPTEL- Silver medal - Teaching and Learning in General Programs: TALG</b>	<b>NPTEL</b>	<b>SEPT 2025</b>	<b>Silver Medal</b>
11	Dr. Nagarajan P	DC Member	Comprehensive meeting	OCT 2025	DC Member
12	Dr. Nagarajan P	Session Speaker	Semiconductor Devices and Circuits Modeling for Modern VLSI Architectures and Advanced Wireless Communication Systems	NOV 2025	Session Speaker
13	Dr. Nagarajan P	Guest for symposium inaguration	Kerala State Council for Science, Technology and Environment Sponsored 2 day Technical Symposium, Sree Buddha College of Engineering, Pattoor, Alleppey, Kerala	NOV 2025	Guest for Inaguration
14	Dr. Nagarajan P	Journal Reviewer	Memories - Materials, Devices, Circuits and Systems	NOV 2025	Journal Reviewer
15	Dr. Nagarajan P	DC Member	DC approval to conduct Viva-voce examination	DEC 2025	DC Member
16	Dr. Karthik S	First Place ITU AI/ML in 5G Challenge ITU FG AINN Build-a-thon 3.0	International Telecommunication Union (ITU)	OCT 2025	International Award for Innovation and Demonstration



# FACULTY ACHIEVEMENTS



S.NO	Name of the Faculty	Honors/Award Received	Name of the Organization	Year of Award	Type of Recognition
17	Dr. Karthik S	Tutorial Presentation	AUSDM 25, Brisbane Australia	NOV 2025	Presenter
18	Dr. Karthik S	<b>NPTEL Silver Medal – Top 1% in Hardware Modeling Using Verilog</b>	<b>NPTEL</b>	<b>NOV 2025</b>	<b>Top 1% Silver Medal</b>
19	Dr. Karthik S	Mentor Certificate	NPTEL SWAYAM - Hardware Modeling using Verilog	DEC 2025	Appreciation Certificate
20	Dr. Augustine Fletcher A S	Reviewer	IEEE TCADICS	JULY 2025	Reviewer
21	Dr. Augustine Fletcher A S	Reviewer	IEEE MWTL	JULY 2025	Reviewer
22	Dr. Augustine Fletcher A S	Reviewer	Journal of Material Science-Springer Nature	JULY 2025	Reviewer
23	Dr. Augustine Fletcher A S	Reviewer	Journal of Material Science-Springer Nature	JULY 2025	Reviewer
24	Dr. Augustine Fletcher A S	Reviewer	Physica Scripta-IOP	JULY 2025	Reviewer
25	Dr. Augustine Fletcher A S	Reviewer	Reviews on Advanced Materials	JULY 2025	Reviewer
26	Dr. Augustine Fletcher A S	Reviewer	IEEE Access	JULY 2025	Reviewer
27	Dr. Augustine Fletcher A S	Reviewer	IEEE TEDEI	AUG 2025	Reviewer
28	Dr. Augustine Fletcher A S	Reviewer	Journal of Engineering-Wiley	AUG 2025	Reviewer
29	Dr. Augustine Fletcher A S	Reviewer	IEEE TCADICS	SEPT 2025	Reviewer
30	Dr. Augustine Fletcher A S	Reviewer	IOP-Semiconductor Science and Technology	SEPT 2025	Reviewer
31	Dr. Augustine Fletcher A S	Reviewer	Silicon-Springer Nature	SEPT 2025	Reviewer
32	Dr. Vaishali D	IETE Best Coordinator Award	IETE ,Chennai Center	SEPT 2025	Certificate
33	Dr. Vaishali D	Journal Reviewer	IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing	SEPT 2025	Reviewer



# FACULTY ACHIEVEMENTS



S.NO	Name of the Faculty	Honors/Award Received	Name of the Organization	Year of Award	Type of Recognition
34	Dr. Vaishali D	Journal Reviewer	PLOS ONE	OCT 2025	Reviewer
35	Dr. Vaishali D	Journal Reviewer	The International Journal of Neuroscience	OCT 2025	Reviewer
36	Dr. Vaishali D	PhD VIVA VOICE	University Of Madras , Presidency College	DEC 2025	Ext. Examier
37	<b>Dr. Balaji T S</b>	<b>NPTEL Silver medal - Sensor Technologies: Physics, Fabrication, and Circuits</b>	<b>NPTEL</b>	<b>SEPT 2025</b>	<b>Silver Medal</b>
38	Dr. Balaji T S	Journal Reviewer	Measurement - Elsevier Journal	NOV 2025	Elsevier Reviewer Recognition
39	Dr. Vasuki A	Journal Reviewer	Scientific Reports, Springer Nature	NOV 2025	Reviewer
40	Dr. Vasuki A	Mentor Certificate	Introduction to Programming in C	DEC 2025	Appreciation Certificate
41	Mr. Dinesh Babu A	ITC 2025 - Faculty Fellowship	ITC	JULY 2025	Fully Funded fellowship
42	Dr. Kavitha V P	Reviewer	Scientific Reports, Spinger Nature	AUG 2025	Reviewer Certificate
43	Dr. Kavitha V P	Journal Reviewer	Eng-MDPI	SEPT 2025	Reviewer
44	Dr. Kavitha V P	Journal Reviewer	Scientific Reports, Spinger Nature	DEC 2025	Reviewer
45	Dr. Anju M I	Resource Person	Skill Development Program at SRMIST VDP	NOV 2025	Resource Person

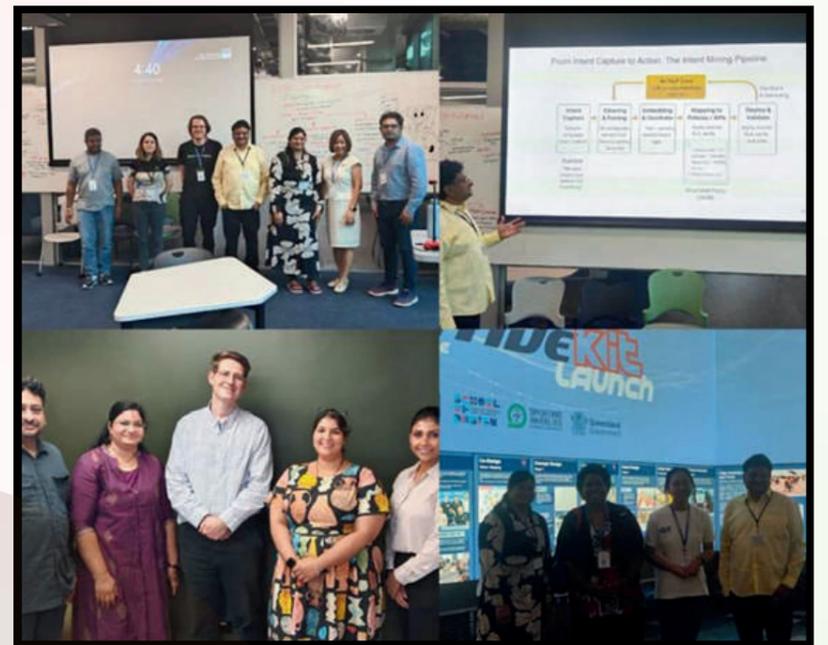
# FACULTY ACHIEVEMENTS

S. NO	Name of the Faculty	Honors/Award Received	Name of the Organization	Year of Award	Type of Recognition
46	Dr. Anju M I	Session Chair	Kerala State Council for Science, Technology and Environment Sponsored 2 day Technical Symposium, Sree Buddha College of Engineering, Pattoor, Alleppey, Kerala	DEC 2025	Appreciation Certificate
47	Dr. Bestley Joe S	Conference reviewer	IEEE 10 <sup>th</sup> International Conference on Smart Structures and Systems	DEC 2025	Reviewer
48	Dr. Bestley Joe S	Journal Reviewer	Journal of Engineering Research and Sciences	DEC 2025	Reviewer
49	Dr. Vanitha V	Resource Person	SRM IST, VDP	AUG 2025	Appreciation Certificate
50	Dr. Vanitha V	Guest Speaker	Rajalakshmi Institute of Technology	DEC 2025	Appreciation Certificate
51	Mr. Deepjyoti Deb	Reviewer	Silicon of Springer Nature , Physica Scripta of IOP Science	JULY 2025	Reviewer
52	Dr. Sathiya R	Mentor Certificate	Introduction to Programming in C	DEC 2025	Appreciation Certificate
53	Dr. Sathiya R	Project Evaluator	TechnoMania - 2025, Outreach Program	JULY 2025	Appreciation Certificate
54	Dr. Karthik S	Project Evaluator	TechnoMania - 2025, Outreach Program	JULY 2025	Appreciation Certificate
55	Dr. Vaishali D	Resource Person	FDP - Hands-on Training in Machine Learning and Artificial Intelligence for Biomedical Applications	NOV 2025	Appreciation Certificate
56	Dr. Glaret Subin P	Resource Person	FDP - Hands-on Training in Machine Learning and Artificial Intelligence for Biomedical Applications	NOV 2025	Appreciation Certificate
57	Dr. Akila V	Resource Person	FDP - Hands-on Training in Machine Learning and Artificial Intelligence for Biomedical Applications	NOV 2025	Appreciation Certificate

# NOTEWORTHY FACULTY

## ACHIEVEMENTS

Dr. S. Karthik represented SRMIST, Vadapalani at the 23<sup>rd</sup> Australasian Data Science & Machine Learning Conference (AusDM 2025) held at QUT, Brisbane, Australia, where he delivered an international tutorial on “Data-Driven AI for Dynamic Service Ecosystems.” He also engaged in research collaborations with faculty from QUT, Griffith University, RMIT University, and ANU, thereby enhancing the international visibility and industry engagement of the ECE Department and SRMIST.



Dr. S. Karthik represented SRMIST, Vadapalani and won 1st Place in the ITU AI/ML in 5G Challenge at the ITU-T FG-AINN Build-a-thon 3.0 held on 9 October 2025, New Delhi, for his innovative AI/ML-driven 5G solution. He also attended IMC 2025, engaging with global experts and strengthening SRMIST’s visibility in telecom standards, AI/ML, and 5G research ecosystems.

# **CERTIFICATION COURSES OFFERED**

**Organization : SRM Madurai College of Engineering and Technology, Madurai**

<b>S. NO</b>	<b>Name of the Faculty</b>	<b>Name of the Course</b>	<b>Offered To</b>	<b>Date</b>	<b>Number of Students</b>
1	Dr. Glaret Subin P	Basic Matlab Course	B.Tech – II Year(All Branches)	07.07.25 to 17.07.25	53
2	Dr. Vaishali D	Embedded System Design	B.Tech – II Year(All Branches)	07.07.25 to 17.07.25	9

# Faculty Industry Immersion Program (FIIP)

S.NO	NAME OF THE FACULTY	INDUSTRY VISITED	DURATION
1	Mr. A Dinesh Babu	Coovum Systems Private Limited	01.12.2025 to 05.1.2025
2	Dr. V. Akila	Zuntra Digital Private Limited	15.12.2025 to 19.12.2025
3	Dr.V.P.Kavitha	Coovum Systems Private Limited	30.6.2025 to 3.7.2025 & 5.7.2025
4	Dr. T.S.Balaji	Coovum Systems Private Limited	01.12.2025 to 05.12.2025
5	Dr. V.Vanitha	Zuntra Digital Private Limited	26.06.2025 to 02.07.2025
6	Dr. Sanjay Kumar	Coovum Systems Private Limited	30.06.2025 to 03.07.2025 & 05.07.2025

# Faculty Industry Immersion Program (FIIP)

## Industrial Visit to

1. CeNSE, IISc Bengaluru
2. GlobalFoundries & IESA, Bengaluru
3. Tessolve Semiconductor Pvt. Ltd, Bengaluru

**Date:** 11<sup>th</sup> to 13<sup>th</sup> December 2025

## Faculty Members Attended:

Dr. Shirly Edward A, Professor / HoD, ECE  
Dr. Vaishali D, Assistant Professor



## Key Highlights:

The visit offered insights into advanced semiconductor technologies and industry best practices, while opening opportunities for partnerships, research collaboration, and curriculum enhancement.



## Industrial Visit to Elektronika Pvt. Ltd. (Technical Wing)

**Date:** 17<sup>th</sup> December 2025

## Faculty Coordinators:

Dr. Shirly Edward A, Professor / HoD, ECE  
Dr. Vaishali D, Assistant Professor

## Total Faculty:

11 faculty members from ECE / SRM IST, VDP

## Key Highlights:

The interaction highlighted solution support, design challenges, and emerging industry needs, providing insights into technology trends and enabling future collaboration.

# CONSULTANCY WORK



The  
**Grass Tree**  
Group

07 3145 0440  
Room 338, Level 5, Watkins Medical  
Centre  
225 Wickham Terrace, Spring Hill QLD  
4000  
admin@grasstreegroup.com.au

## LETTER FOR CONSULTANCY WORKS

22.08.2025

Project Title: Grass Tree Group (GTG) AI development project

Name & Address of the Organisation: Grass Tree Group Pty Ltd ABN: 55677445608 Room 338, Level 5, Watkins Medical Centre, 225 Wickham Terrace, Spring Hill QLD 4000, Australia ("The Practice")

Name of the Representative: Palingu Dhanapala

Designation: Practice Manager - Grass Tree Group Pty Ltd

Telephone: +617 3145 0440 Email: admin@grasstreegroup.com.au

Name of the Principal Investigator: Dr. K. Priyadarsini

Designation: Associate Professor

Department: Data Science and Business Systems

Telephone: 9791515576 Email: priyadak@srmist.edu.in

Name of the Co-Principal Investigator: Dr. S. Karthik

Designation: Associate Professor

Department: Electronics and Communication Engineering

Telephone: 9488043909 Email: karthiks1@srmist.edu.in

Project Cost (estimated): A\$ 1,640

GST: 18%

Total Project Cost: A\$ 2,000

Payment Schedule:

100% Payment: A\$ 2,000

Duration of the Proposed Work: 1 Year

Date of Commencement: 2.10.2025

Date of Completion: 2.10.2026

The Department of ECE, SRMIST has undertaken an International Consultancy Project with Grass Tree Group (GTG), an Australia-based consultancy, titled "**AI Development Project for Grass Tree Group.**" The consultancy is guided by Dr. S. Karthik, Associate Professor, Department of ECE, SRMIST, serving as the Co-Principal Investigator, and focuses on the development of Artificial Intelligence-based solutions aligned with industry requirements. The project duration is one year, from 02 October 2025 to 02 October 2026, with a total consultancy value of **AUD 2,000** (inclusive of GST), **approximately ₹1.24 lakhs** (INR). This international collaboration highlights SRMIST's emphasis on industry engagement, applied research, and global academic partnerships.

# PROGRAMS OFFERED

2025-2026

- **B.Tech - Electronics and Communication Engineering**
- **B.Tech - Electronics and Communication Engineering with specialization in Data Science**
- **B.Tech - Electronics Engineering (VLSI Design and Technology)**
- **B.Tech - Electronics and Communication Engineering (Working Professional)**
- **M.Tech - VLSI Design**
- **Ph.D - ECE**

# FEEDBACK

**FOR ANY QUERIES ,WRITE TO US**

**Mail to: sathiyar1@srmist.edu.in**

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**<https://in.linkedin.com/in/ece-srmist-vadapalani-4a782a26a>**