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K.J.S.I.T

SRM UNIVERSITY AP
EPIC - 2025
International Conference on Electronic and Photonic Integrated Circuits
Department of ECE

SRM UNIVERSITY AP
Andhra Pradesh

EPIC - 2025

2nd International Conference on

Electronic and Photonic Integrated Circuits

for Real-World Applications to VLSI Design, Biomedical,
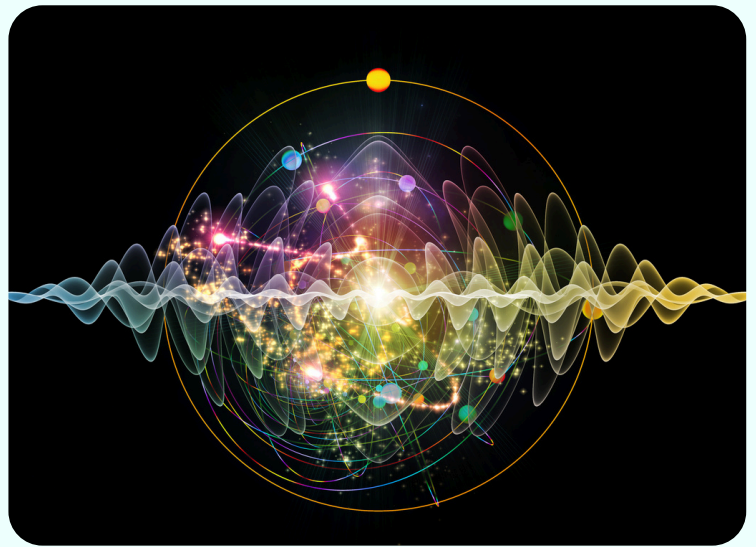MOEMS, RF & THz, AI & ML, Signal and Image Processing

November 06-08, 2025

About the Conference

The Department of Electronics & Communication Engineering, SRM University-*AP,* Amaravati is pleased to announce the 2nd International Conference on Electronic and Photonic Integrated Circuits (EPIC-2025) from November 06-08, 2025. EPIC-2025 is intended to provide a hybrid mode research platform and bring together research scholars, scientists, industry experts, and academic professionals worldwide to share their breakthroughs & accomplishments and exchange challenges and approaches in their expertise in the field of Electronics and Photonics.

The theme of the 3-day technical conference has been chosen considering the recent developments in the areas of Nanoengineering & Nanotechnology, Semiconductor Devices, Artificial Intelligence & Machine Learning, Quantum & Neuromorphic Computing, MEMS & MOEMS, Biomedical, RF & THz Applications.

About the University

SRM University-*AP* is a dynamic, multidisciplinary research-intensive institution with eight years of excellence in higher education. The university offers a wide range of disciplines, including Sciences, Engineering, Technology, Management, Humanities, Social Sciences, and Liberal Arts.
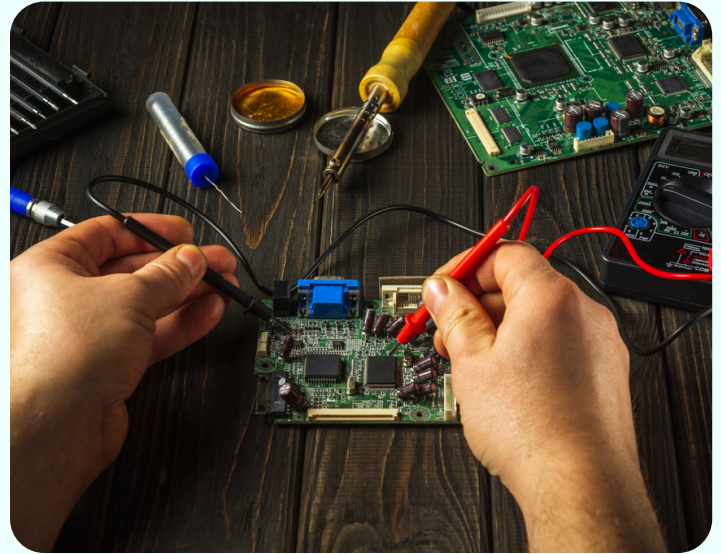
The varsity serves a diverse student body of over 10,100 undergraduates, more than 460 postgraduates, and 400+ full-time Ph.D. candidates. Research is integral to our academic curriculum, extending even to undergraduate programmes. Our faculty comprises over 500 members, each holding a Ph.D. from prestigious institutions and possessing national and international experience.

About the Department

The Department of Electronics and Communication Engineering (ECE) is at the forefront of technological advancement. With its forward-thinking curricula and smart-age pedagogies, the department of Electronics and Communication Engineering aims to equip its students in electronic design, embedded software design, signal processing, and data communications skills.

Here at SRM *AP* our students can choose from a broad spectrum of courses and specialisations, including Embedded Systems, Internet of Things (IoT), VLSI Design, Advanced Communication Systems, and Advanced Signal Processing with a focus on Artificial Intelligence and Machine Learning (AI/ML). These carefully curated programmes are designed to align with the aspirations of students while addressing the dynamic needs of global industries. With this comprehensive education, the department not only ensures a bright future for its graduates but also contributes significantly to the advancement of the field as a whole.

Topics to be Covered

Semiconductor Devices: Advanced materials, device modeling, and applications in energy & electronics

VLSI Design: Low-power chips, SoC/FPGA applications

Biomedical: Wearables, bio-signal & bio-image analysis, AI-driven healthcare

MOEMS: Optical sensing, miniaturised photonic systems

RF & THz: 6G, IoT, THz imaging & spectroscopy

AI & ML: Edge AI, explainable AI, real-world applications

Signal & Image Processing: Real-time speech/video, biomedical & remote sensing

Future Trends: Cross-domain integration & interdisciplinary applications

Plenary Speakers

- **Prof. Lorenzo Pavesi**, University of Trento, Italy
- **Prof. Achanta Venu Gopal**, CSIR NPL, Delhi
- **Prof. Juejun Hu**, MIT, USA
- **Dr Goutam Kumar Dalapati,** Co-Founder and CTO HYDGEN

Keynote Speakers

- **Dr. Bruno Romeiro**, INL, Portugal
- **Prof. Goutam Sengupta**, IIT Kanpur
- **Prof. Shankar K Selvaraja**, IISc Bangalore
- **Prof. T. Srinivas**, IISc Bangalore
- **Prof. Amlan Chakrabarti**, University of Calcutta
- **Prof. Tarun K Bhattacharya**, IIT Kharagpur
- **Prof. Prabir Kumar Biswas**, IIT Kharagpur

Invited Speakers

- **Prof. Pallab Banerji**, IIT Kharagpur
- **Dr Pranabendu Ganguly**, IIT Kharagpur
- **Dr Somak Bhattacharyya**, IIT BHU
- **Dr Debdeep Sarkar**, IISc Bangalore
- **Dr. Ravindra Jha**, IIT Guwahati
- **Prof. Tapan K Gandhi**, IIT Delhi
- **Prof. Enakshi Bhattacharya**, IIT Madras
- **Dr Debidas Kundu**, IIIT Delhi
- **Dr Pradipta Patra**, Samsung Semiconductor India
- **Mr Sanjay Churiwala**, Corporate Vice President, AMD
- **Prof. Edward Wasige,** University of Glasgow, UK
- **Dr Jonnala Kotesh Kumar,** Chief Scientist, CSIR-CIMAP

Chief Patrons

- **Prof. Ch. Satish Kumar,** Pro-Vice Chancellor, SRM University-*AP*
- **Prof. C V Tomy,** Dean - School of Engineering and Sciences, SRM University-*AP*

Chairperson of Organising Committee

- **Dr K A Sunitha,** Head Department Of ECE , SRM University-*AP*

Organising Committee

- **Dr Pradyut K Sanki**, Dept. of ECE, SRM University-*AP*, Convenor
- **Dr Goutam Rana**, Dept. of ECE, SRM University-*AP*, Convenor
- **Dr Sibendu Samanta**, Dept. of ECE, SRM University-*AP*, Co-Convenor
- **Dr Raghvendra,** Dept. of ECE, SRM University-*AP*, Co-Convenor
- **Dr Saswat Kumar Ram**, Dept. of ECE, SRM University-*AP*, Organising Secretary
- **Dr Anuj Pradeep Deshpande**, Dept. of ECE, SRM University-*AP*, Technical Secretary
- **Dr MD Najrul Islam**, Dept. of ECE, SRM University-*AP*, Treasurer
- **Prof. Rupesh**, Dept. of ECE, SRM University-*AP*, Technical Programme Chair
- **Dr Leenendra Chowdary Gunnam**, Dept. of ECE, SRM University-*AP*, Tutorial Chair
- **Dr Anirban Ghosh**, Dept. of ECE, SRM University-*AP*, Hospitality & Transportation Chair
- **Dr Bharat Bhushan Upadhyay**, Dept. of ECE, SRM University-*AP*, Programme Management Chair
- **Dr Arun Kumar,** Dept. of ECE, SRM University-*AP*, Registration
- **Prof. Ramesh Vaddi**, Dept. of ECE, SRM University-*AP,* Advisory & Technical Committee Chair
- **Dr Durga Prakash M**, Dept. of ECE, SRM University-*AP*, Publication Chair

Important Dates

Abstract Submission Opens	September 05, 2025
Abstract Submission Closes	September 30, 2025
Abstract Acceptance Notification	October 15, 2025
Early Bird Registration Deadline	October 20, 2025
Full Paper Submission Deadline	October 30, 2025
Regular Registration Closes	November 01, 2025
Conference Dates	November 6-8, 2025
Camera-Ready Paper Submission	November 11, 2025

Sponsorship Categories and Prices

- Diamond: ₹3,00,000
- Platinum: ₹2,00,000
- Gold: ₹1,00,000
- Silver: ₹75,000
- Bronze: ₹50,000

Call for Papers

Last date for submission of abstracts: **September 15, 2025**
Please prepare the abstract using the given template and upload the file during registration.

The abstract will be peer-reviewed and accepted as oral/poster for EPIC2025.

An extended version of paper will be published with
- Journal of electronic materials (under discussion)
- Wiley Publication

Further questions related to abstract submission and the scientific programme can be sent to
conf.epic@srmap.edu.in

Submission Categories:

Track 1	Electronic Materials & Devices
Track 2	Photonic Materials & Devices
Track 3	Signal Processing, Communication & Networks for IoT
Track 4	Artificial Intelligence & Machine Learning
Track 5	VLSI & Embedded Systems
Track 6	MEMS & MOEMS
Track 7	Micro & Nano Fabrication Technology
Track 8	Neuromorphic & Quantum Computing
Track 9	Quantum Devices at RF & THz frequencies
Track 10	Biomedical Applications

Session Chair:

Track 1	Prof. Pallab Banerji
Track 2	Prof. Shankar K Selvaraja
Track 3	Prof. Kailash Chandra Rao
Track 4	Prof. Amlan Chakrabarti
Track 5	Prof. Tapan K. Gandhi
Track 6	Dr Saurabh Chandorkar
Track 7	Prof. Nazanin Bassiri-Gharb
Track 8	Dr Bruno Romeiro/ Dr Chetan Singh Thakur
Track 9	Prof. Edward Wasige

Registration Details

- Industry Persons from India: **15000 INR**

- Industry Persons from Abroad: **1200 $**

- Faculties/Scientists from India: **8000 INR**

- Student contributor from India: **6000 INR**

- Indian Student Participants: **500 INR**

- International Student contributor: **500 $**

- International Student Participants: **100 $**

- International Faculties/Scientists: **1000 $**

*Registration fees covers conference kit, accommodation, breakfast, snacks, Lunch & refreshment during the conference days

Registration Link: https://srmap.edu.in/epic-registration/

For details related to registration, visa assistance, hotel accommodations, and a guide to Andhra Pradesh and more on EPIC-2025, write to us at:

conf.epic@srmap.edu.in

Organised by

Department of Electronics and Communication Engineering

SRM University-*AP*, Amaravati

Neerukonda, Mangalagiri Mandal,
Guntur District, Andhra Pradesh 522240
Helpline: +91-863-2343000 / 1800-599-2233 (Toll Free)