

A Five-day PDP on
THE FUTURE OF 5G AND BEYOND

4th – 8th August 2025

REGISTRATION

Registration is a must for attending the workshop and you are requested to register using the link:

<https://tinyurl.com/PDP-on-5G-and-Beyond>



PAYMENT

All payments are to be made through crossed Demand Draft / Cheque, drawn in favour of “ECE Association”, payable at Chennai. Or payment through online NEFT to, ECE Association

Name of the Account : ECE Association
A/C Number : 117001000884762
IFS Code : CIUB0000117
Bank : City Union Bank
Branch : Tambaram

REGISTRATION FEE

Students / Faculty / Industry persons : Rs. 800

IMPORTANT DATES

Last date for Registration : 28-07-2025
Date of Intimation : 30-07-2025
Workshop Date : 04-08-2025

Certificates will be provided to all active participants

No Accommodation/TA/DA will be given for the Participants

Lunch and refreshments will be provided for all five days

CONTACT

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CHIEF PATRONS

Dr. T. R. Paarivendhar, Chancellor, SRMIST

Dr. Ravi Pachamoothoo, Pro Chancellor (Administration), SRMIST

Dr. P. Sathyanarayanan, Pro Chancellor (Academics), SRMIST

Dr. S. Niranjan, Vice President, SRMIST

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Prof. M. Leenus J Martin, Dean (CET), SRMIST

Dr. B. Neppolian, Dean (Research), SRMIST

Dr. K. Vijayakumar, Chairperson SoEEE, SRMIST

STEERING COMMITTEE

Dr. M. Sangeetha, Prof. & Head, ECE, SRMIST, Kattankulathur

Dr. B. Ramachandran, Professor, ECE, SRMIST, Kattankulathur

Dr. R. Kumar, Professor, ECE, SRMIST, Kattankulathur

Dr. S. Malarvizhi, Professor, ECE, SRMIST, Kattankulathur

Dr. Shanthi Prince, Professor, ECE, SRMIST, Kattankulathur

Dr. P. Aruna Priya, Professor, ECE, SRMIST, Kattankulathur

ORGANIZING COMMITTEE MEMBERS

Dr. S. Krithiga, Associate Professor, ECE, SRMIST, Kattankulathur

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Mr. K. Prakash, Senior Technical Assistant, ECE, SRMIST, Kattankulathur

Ms. V. D. Reetacarmela, Technical Assistant, ECE, SRMIST, Kattankulathur

STUDENT COORDINATORS

Mr. Aryan Bothra, Final year B.Tech ECE, SRMIST, Kattankulathur

Mr. Shashank Sekhar Pradhan, Final year B.Tech ECE, SRMIST, Kattankulathur

Mr. Abinash Kodamsingh, Final year B.Tech ECE, SRMIST, Kattankulathur

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Mr. Rokin Kunal. K, Final year B.Tech ECE, SRMIST, Kattankulathur



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CONVENOR

Dr. E. ELAMARAN

Assistant Professor, ECE, SRMIST

CO-CONVENORS

Dr. T. DEEPA

Associate Professor, ECE, SRMIST

Dr. R. DAYANA

Associate Professor, ECE, SRMIST

ORGANIZED BY

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SRM Institute of Science and Technology
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A++



Category 1
with 12B Status



(2024)
12th Ranked University



(2025) World Ranking
one among 46 Indian Universities



(2024) World Ranking
one among 91 Indian Universities



VERY GOOD
QS 4 Star Rated Globally



(2024) World Ranking
Ranked 5-7 in Indian Universities

ABOUT THE INSTITUTION

SRM Institute of Science and Technology (formerly known as SRM University) is one of the top-ranking Universities and most premier engineering destinations in India, which was established in 1985 by the Founder Chancellor, Dr. T.R. Paarivendhar. Now it is functioning in six campuses located at Kattankulathur, Ramapuram, Vadapalani, Baburayanpettai, Tiruchirappalli and Modi Nagar in Ghaziabad with over 75000 students and 4473 faculty members. It offers a wide range of programs to students applying for undergraduate, postgraduate and doctoral programs in Engineering, Management, Medicine & Health Sciences, Law, Science & Humanities and Agricultural Sciences. SRMIST has been engaged in nurturing minds through a rich heritage of academic excellence. The Institution has moved up through international alliances and collaborative initiatives to achieve global excellence. SRMIST International Advisory Board (IAB) is actively involved in building a stronger international dimension in research and teaching methodology, which creates avenues for research and successful careers. The SRMIST also collaborates with foreign Universities like MIT, Carnegie Mellon University (CMU), Pittsburg University, etc. offering a postgraduate academic program MSIT-ESE. Over 200 students sponsored to 35 foreign Universities like MIT, Carnegie Mellon, UC Davis, Warwick, and Western Australia. Now the Institute enjoys an unsurpassed reputation in academia and corporate circles being the preferred workforce source for vision to be recognized as a world-class learning institution. SRMIST has been categorized as Category I University by the Ministry of Human Resources Development (MHRD), Government of India. It enjoys 12 B status too. SRMIST is accredited by NAAC with A+ + Grade and placed in fourth position in ARIIA (2021). SRMIST has been ranked 12 under University category, 13 under Engineering category 11 under Pharmacy, 18 under Medical 7 under Dental, 11 under Architecture and 24 under Research category in National Institutional Ranking Framework (NIRF) 2024. SRMIST has been recently honoured with the prestigious Platinum Rating by QS

I-Gauge. It has been ranked 221 in QS University Rankings: Asia and in the band 1001-1200 QS WUR 2025.

ABOUT THE DEPARTMENT

- Established in the year 1991.
- Offers 5 Undergraduate programs (4 years), 3 Postgraduate programs (2 years), an integrated M. Tech program (5 years), and doctoral programs.
- B. Tech - Electronics and Communication Engineering accredited by NBA and the Engineering Accreditation Commission (EAC) of ABET, USA (<https://www.abet.org>).
- M.Tech - VLSI Design accredited by NBA.
- Approved by AICTE under Quality Improvement Programme (QIP) Scheme
- Equipped with 8 Research labs funded by DST under FIST, AICTE, DRDO, BRNS, ISRO, UGC, SERB, IEEE EDS, Xilinx.
- Established Center for Electronics Skill Development and Consultancy Services (CESD), to provide trainings on PCB design, Embedded System design, Electronics Manufacturing Services, EDA tools and RF Circuit design and have anechoic chamber for antenna characterization.
- Awarded with 5G Lab by the Department of Telecommunication (DoT), Govt. of India.
- Recognized as a Skill Hub for training of manpower on the job role "VLSI Design Engineer" under Pradhan Mantri Kaushal Vikas Yojana (PMKVY 4.0) scheme of Govt. of India.
- Under Chip to Startup (C2S) Programme of MeitY, Electron Device Automation (EDA) tools such as Cadence, Synopsys, ANSYS and Keysight have been made available to SRMIST to train students in the area of VLSI and Embedded System Design.
- Visvesvaraya Ph.d scheme for Electronics and IT from MeitY, GOI, is granted to full-time and part time research scholars.
- Collaborations with more than 10 industries like Wipro, HCLTECH, Samsung, Volvo, CoreEL Technologies, Keysight Technologies, Entuple Technologies (Synopsys) for skill development of students and faculty members.
- Signed MoU with Nokia Solutions and Networks India Pvt. Ltd, Centre for

Reliability Science and Technology, Chang Gung University, Taiwan, National Sun Yat-sen University, Taiwan, Electronics Sector Skills Council of India (ESSCI), Nano-Academic Technologies Inc., Canada, and Numergion Technology Pvt. Ltd. Pune, India. for the curriculum enhancement, Product development and skill development of students and faculty members.

- The faculty members of the ECE department are versatile in many diversified fields. They have good research potential, with 2900+ research articles published in both SCI and Scopus indexed journals and 59 granted patents to their credentials.

ABOUT THE PDP

The Professional Development Program (PDP) on The Future of 5G and Beyond offers insights into the rapidly evolving landscape of wireless communication, highlighting key advancements such as ultra-high-speed connectivity, low latency, massive device integration, and intelligent network management. It covers the transition from 5G to next-generation technologies like 6G, which will support applications such as smart cities, autonomous systems, immersive virtual reality, and remote healthcare. The program also emphasizes the supporting technologies—including artificial intelligence, edge computing, and advanced hardware components—that make these advancements possible. While antennas remain a crucial enabler of these systems, the focus is broader, exploring the interdisciplinary innovations shaping the future of wireless communication. The event supports SDG 9 by promoting innovation in 5G technology. It also upholds SDGs 4 and 8 by fostering quality education and a skilled technological workforce.

EXPERT MEMBERS

The program is enriched by senior academicians from premier institutions and domain experts from industries, bringing valuable insights from both academic and industrial research perspectives.