

## RESOURCE PERSONS



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FACULTY OF ENGINEERING AND TECHNOLOGY  
PRESENTS

Faculty Development Programme  
(FDP)

Intelligent Engineering  
Approaches:  
Artificial Intelligence,  
Machine Learning, IoT, and  
Key Research Directions



5 - 9 January, 2026



Organized by:

Faculty of Engineering and Technology  
SRM University Delhi-NCR, Sonapat, Haryana  
39, Rajiv Gandhi Education City, Delhi-NCR,  
Sonapat- 131029, Haryana (India)



SRM University, Delhi-NCR, Sonapat, Haryana, part of the SRM Group, was established in 2013 in Sonapat, Haryana. Offering diverse undergraduate, postgraduate, and doctoral programs, the university focuses on engineering, management, science, humanities, and law. Accredited with an impressive A+ grade by the National Assessment and Accreditation Council (NAAC), it emphasizes research, innovation, and robust industry-academia collaboration. The university actively collaborates with industries and international institutions to enhance practical exposure and industry relevance for students. The campus provides modern infrastructure, including classrooms, laboratories, and libraries. The university's placement cell aids in career guidance and job opportunities, fostering a holistic learning environment

## FACULTY OF ENGINEERING & TECHNOLOGY

The Faculty of Engineering & Technology (FET) at SRM University Delhi-NCR, Sonapat offers industry-focused B.Tech, M.Tech, and Ph.D. programs in key disciplines such as CSE, ECE, EEE, Mechanical, Civil, and Biomedical Engineering. With outcome-based curricula, advanced laboratories, and project-driven learning, FET ensures strong technical and practical foundations. The faculty promotes active research in areas like AI, renewable energy, VLSI, automation, and smart systems. Internships, industry collaboration, technical clubs, hackathons, and placement training support holistic student development. Through modern infrastructure and a strong academic ecosystem, FET prepares graduates for successful engineering careers.

## OBJECTIVE OF THE FDP

- To enhance faculty knowledge and skills in artificial intelligence, machine learning, and IoT applications.
- To promote interdisciplinary understanding of intelligent engineering solutions.
- To provide hands-on exposure to modern tools, platforms, and frameworks.
- To strengthen research competencies and identify potential research directions aligned with industry and societal needs.
- To support curriculum enrichment and pedagogical improvement through intelligent technologies.

## OUTCOME OF THE FDP

The One-Week Faculty Development Program on “Intelligent Engineering Approaches: Artificial Intelligence, Machine Learning, IoT, and Key Research Directions” will equip participants with enhanced conceptual and practical knowledge of emerging intelligent technologies. Faculty members will gain hands-on experience with AI/ML model development, IoT-based system design, data analytics techniques, and toolsets commonly used in modern engineering applications.

The program will enable participants to integrate intelligent engineering concepts into their teaching, laboratory work, and student projects, thereby improving curriculum delivery and academic quality. They will be able to identify research gaps, formulate impactful problem statements, and explore interdisciplinary research opportunities in smart systems, automation, predictive analytics, and embedded intelligence.

Additionally, the FDP is expected to strengthen participants' capabilities in publishing quality research, preparing grant proposals, and collaborating with industry and research organisations. Overall, faculty members will be better prepared to contribute to innovation, academic excellence, and future-ready engineering education.

## HIGHLIGHTS

- The sessions will be held in physical mode in two sessions.
- The total number of seats is limited to 20.
- The certificates shall be issued to those participants who have attended the programme with 75% attendance
- Registration fee of Rs 1000 will be applicable for external participants. However, food and lodging for external participants are available on request and will be charged.
- Interested external candidate may deposit their fee (bank details given below) and can register on the Google link below.
- Deadline for Registration: 31<sup>st</sup> December, 2025

Share the transaction slip through email on [hod.ece@srmuniversity.ac.in](mailto:hod.ece@srmuniversity.ac.in)

## TARGETED PARTICIPANTS

The program is open to the faculty members of AICTE/UGC approved Engineering/ Institutes/Universities, Ph..D. scholars, and Post Graduate Students.

## REGISTRATION LINK

<https://forms.gle/8xJv7u2GpG2Ueyba6>



## PAYMENT DETAILS

**Account Name:** SRM EDUCATION & RESEARCH INSTITUTE  
**Account Type:** CURRENT ACCOUNT  
**Account No:** 12330100200333  
**IFSC CODE:** FDRL0002116  
**Bank Name:** FEDERAL BANK LIMITED  
**Branch Address:** KUNDLI, HARYANA-131028