SRM UNIVERSITY DELHI-NCR, SONEPAT

SRM University Haryana, part of the SRM Group, was established in 2013 in Sonepat, 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

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

The Department of Electrical and Electronics Engineering was established in 2013. The department offers B.Tech. Program at UG level, M.Tech. Program at PG level and Ph.D. program in various specializations. State of the Art laboratories have been established and the department is committed to providing active hands-on and experiential learning to the students of all the programs and supporting the research. The Department also ensures the quality delivery in the classroom teaching through the highly talented and motivated faculty members. The faculty members of the Department deliver the fundamental concepts along with the latest trends in the area to strengthen the learning process and to invoke critical thinking and problem-solving skills among the students so that the students can take the challenge to give the solution of the technical and social problem through technology

Objectives of the Workshop:

1. **Enhance Knowledge:** Provide participants with cutting-edge insights into AI and Machine Learning applications in smart grids for efficient energy management.
2. **Skill Development:** Equip faculty, researchers, and industry professionals with hands-on tools and techniques for data-driven smart grid solutions.
3. **Foster Collaboration:** Create a platform for academia-industry interaction to address real-world challenges in sustainable energy systems.
4. **Promote Innovation:** Inspire participants to explore research and implementation opportunities in smart grid technologies aligned with national missions that includes Make in India and Aatmanirbhar Bharat.
5. **Networking:** Facilitate discussions with experts from IITs, NITs, and industry to bridge theoretical knowledge and practical applications.

Outcomes of the Workshop:

1. **Enhanced Expertise:** Participants will gain advanced knowledge of AI/ML applications in smart grids and energy management.
2. **Practical Skills:** Hands-on experience with data-driven tools for optimizing grid efficiency and demand response.
3. **Research & Innovation:** Exposure to emerging trends, fostering new research ideas in sustainable energy solutions.
4. **Industry-Academia Connect:** Strengthened collaboration between academic institutions and industry experts.
5. **Certification:** Recognized workshop certificates for skill enhancement and professional development.

SRM UNIVERSITY DELHI-NCR, SONEPAT
(An A+ +Grade NAAC Accredited Institution)

3-Days Online Workshop
ON

Data-Driven Smart Grids: AI and Machine Learning for Smarter Energy Solutions
14th–16th July 2025
(Funded by HSCC (India) Ltd.)
Mode of Workshop: ONLINE

Organized by:
Department of Electrical and Electronics Engineering
Faculty of Engineering and Technology
SRM University Delhi-NCR, Sonepat, Haryana 39, Rajiv Gandhi Education City, Delhi-NCR, Sonepat-131029, Haryana (India)

COORDINATORS
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➢ Dr. Ranjit Roy | +91-7496979583

RESOURCE PERSONS

Day 1: 14th July 2025

1. Dr. Kumar Aditya
   Department of Electrical Engineering, IIT Jodhpur
2. Dr. Sishaj P Simon
   Professor & Head, Department of EEE, NIT Warangal
   Topic: To be announced

Day 2: 15th July 2025

3. Dr. Manoj Tripathy
   Professor, Department of Electrical Engineering, IIT Roorkee
4. Dr. E.S.N. Raju P
   School of Energy Science & Engineering, IIT Guwahati

Day 3: 16th July 2025

5. Dr. Dheeraj Khatod
   Associate Professor, Department of Electrical Engineering, IIT Roorkee
6. Dr. Ranjit Roy
   Dean, Faculty of Engineering & Technology, SRM University

CHIEF PATRONS

Dr. T. R. Paari Vendhar
Hon'ble Founder Chancellor
SRM Institute of Science & Technology, Chennai

Dr. Ravi Pachamuthu
Hon'ble Chancellor
SRM University Delhi - NCR, Sonepat

PATRONS

Prof. (Dr.) Paramjit S. Jaswal
Hon'ble Vice Chancellor
SRM University Delhi – NCR, Sonepat

Prof. (Dr.) V. Samuel Raj
Dean Academic Affairs & Registrar
SRM University Delhi – NCR, Sonepat

TARGET AUDIENCE

Faculty, Research Scholars, PG Students, and Industry Professionals.

Registration

- **Fee:** Rs. 100 (Free for SRM Faculty/Students).
- **Deadline:** *10th July 2025*.
- **Link:** Register Here.

https://forms.gle/Jw8QvqBEc8SB6UiR8

KEY PARTICIPATION DETAILS

1. Workshop Format
- ➢ Fully online sessions
- ➢ Daily Structure (14th-16th July 2025):
  - ➢ **Morning Session: 10:30 AM - 12:00 Noon (IST)**
  - ➢ **Afternoon Session: 2:30 PM - 4:00 PM (IST)**
- ➢ Interactive expert-led discussions

2. Participant Capacity
- ➢ Limited to 70 participants
- ➢ Early registration recommended

3. Certification Policy
- ➢ Digital certificates provided
- ➢ Requires full attendance (100%)

4. Fee Structure
- ➢ ₹100 for external participants
- ➢ No fee for SRM faculty & students

5. Registration Process
- ➢ Complete payment (details below)
- ➢ Fill registration form
- ➢ Email payment confirmation

6. Important Dates
- ➢ Registration closes: 13th July 2025
- ➢ Workshop dates: 14th-16th July 2025

7. Contact Information
- ➢ For queries: deepika.y@srmuniversity.ac.in

PAYMENT & REGISTRATION
Bank Details:
Account Holder: SRM EDUCATION & RESEARCH INSTITUTE
Account Type: CURRENT ACCOUNT
Account No: 12330100200333
IFSC: FDRL0002116
Bank: FEDERAL BANK, KUNDLI BRANCH

- ➢ Payment confirmation must be emailed to deepika.y@srmuniversity.ac.in