

ORGANIZING COMMITTEE

1. Dr. G. S. Chaurasia (Assistant Professor)
2. Dr. Pavan Khetrpal (Associate Professor)
3. Dr. Ravi Chaurasia (Assistant Professor)
4. Dr. Satendra Kushwaha (Assistant Professor)
5. Mr. Naveen Kumar (Assistant Professor)
6. Mr. Bhupendra Bisht (Assistant Professor)

RESOURCE PERSONS

Session will be delivered by the experts from the IITs, NITs, Central/State Universities, R&D Labs, Government organizations and industries. In addition, there will be panel discussions and Q&A sessions covering trending research topics on EVs.

1. Dr. B. K. Panigrahi, IIT, Delhi
2. Dr. Dheeraj K. Khatod, IIT, Roorkee
3. Dr. Purna Gaur, NSUT, Delhi
4. Dr. Vinod Kumar Yadav, DTU, Delhi
5. Dr. Tirupathiraju, NIT, Delhi
6. Dr. Madhusudan Singh, DTU, Delhi
7. Dr. Vijander Singh, NSUT, Delhi
8. Dr. Chetan Khemraj, MIET, Gr. Noida
9. Mr. Arun K. Choudhary, MNRE, New Delhi
10. Mr. Utsav Sharma, Hioki, India Pvt. Ltd

TARGET AUDIENCE

- Faculty members, Ph.D. scholars and PG students of AICTE-affiliated educational Institutions/Universities are eligible to participate.
- All Participants must upload their Identity Card and NOC from their approving authority for attending the FDP and to register for FDP.

HOW TO APPLY

Registration for the FDP is exclusively through the ATAL registration portal. Please follow the instructions provided in the ATAL link below

REGISTRATION

- ATAL FDPs are free.
- No fee will be charged from any participant
<https://atalacademy.aicte-india.org/signup>

USER MANUAL FOR PARTICIPANTS

<https://atalacademy.aicte-india.org/assets/data/portalFlowParticipant.pdf>

IMPORTANT DATES

Last date for Registration: **31st October 2024**
Date of Intimation to the participants: **10th Nov., 2024**
Confirmation by Participants: **15th Nov., 2024**
FDP Date : **25th – 30th Nov., 2024**

CERTIFICATE OF PARTICIPATION

Certificate will be issued to all the participants who physically attend the program with a minimum of 90% attendance. Certificates will be auto generated and available for download from the ATAL Portal after completion of FDP.



ONE WEEK AICTE TRAINING & LEARNING (ATAL) ACADEMY FACULTY DEVELOPMENT PROGRAMME (FDP)

ON

"ELECTRIC VEHICLE: AN EMERGING TECHNOLOGY FOR FUTURE SUSTAINABILITY IN INDIAN SCENARIO"

GO GREEN
GO ELECTRIC



25th – 30th November 2024

SPONSORED BY
AICTE- TRAINING & LEARNING (ATAL) ACADEMY

ORGANIZED BY
Department of Electrical and Electronics
Engineering (EEE)

SRM Institute of Science and Technology
Delhi-NCR Campus, Modinagar, Ghaziabad,
Uttar Pradesh, India – 201204

Coordinator

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RECOGNITIONS AND ACCREDITATIONS



ABOUT THE INSTITUTION

SRM Institute of Science and Technology is one of the top ranking deemed to be university, established under section 3 of the UGC Act 1956 in India with over 52,000 full time students and more than 3200 faculty across the campuses at Kattankulathur, Ramapuram, Vadapalani in Chennai, Tiruchirappalli in Tamilnadu and Modinagar in Uttar Pradesh and three state universities in Sonapat (Haryana), Amaravati (Andhra Pradesh), and Gangtok (Sikkim).

The Institution is accorded the highest 'A++' grade by NAAC, recognized as an "A" Category institution by MHRD, and granted Category 1 status by UGC, SRMIST upholds rigorous standards. The university is ranked 12th in the universities category by NIRF for the year 2024.

SRM Institute of Management and Technology, Delhi-NCR campus, a constituent of SRM IST, Chennai, was established in the year 1997. In the span of 27 years the NCR campus has extended the growth in the fields such as Engineering, Management, Computer Applications and Pharmacy in both at undergraduate and postgraduate level and also in research.

ABOUT THE DEPARTMENT

The Electrical and Electronics Engineering Department at the university, established in 2009, offers undergraduate and research programs across various specializations. Renowned for its commitment to excellence and innovation, the department stands out for its pioneering research in Renewable Energy, Power System Operation and Control and Power Electronics

along with the state-of-the-art facilities and strong industry connections that enhances students learning and employability. Key features include smart classrooms, an interdisciplinary approach and a supportive, inclusive culture. The department also boasts an alumni network, further enriching the academic experience and career prospects for its students.

ABOUT THE ATAL FDP

The Faculty Development Program (FDP) aims to enhance the knowledge and skills of the participants in the field of electric vehicles and their operations. It covers scope of applications of renewable energy in electric vehicles, battery storage system, smart grid and hydrogen fuel cell technology.

FOCUS AREAS

- Electric Vehicle for Sustainable Future of the World.
- Electric Vehicle: Components and Architecture.
- EV Battery Challenges v/s Solutions and Opportunities
- Evaluation, Simulation, and Modeling of Electric Vehicles
- Recent Technologies in the Electric Vehicle sector
- Overview of the Recycling Process of EVs Batteries, Solar Panels and Fuel Cells.
- New opportunities in Electric Vehicles
- Environmental Issues Related to Recycling Process of EVs Batteries, Solar Panels and Fuel Cells

OUTCOME OF THE FDP

This FDP would equip the participants with a deep understanding of EV technology from its basic principles to advanced research. The participants would understand the basic operation of Electric Vehicles (EVs) and charging stations. The participants would be benefited from the vast experience of the experts in the field of renewable energy and its applications in Electric Vehicles charging stations. Participants would also experience the hand-on experience in the Battery Energy Storage Systems (BESS) for EV application.

CHIEF PATRONS

Dr. T. R. Paarivendhar
Founder and Chancellor, SRM IST
Dr. Ravi Pachamoothoo
Pro-Chancellor - Administration, SRM IST
Dr. P. Sathyanarayanan
Pro-Chancellor - Academics, SRM IST

PATRONS

Dr. C. Muthamizhchelvan, Vice Chancellor, SRM IST
Dr. S. Ponnusamy, Registrar, SRM IST
Dr. T. V. Gopal, Dean, CET, SRM IST

GENERAL CHAIRS

Dr. S. Viswanathan
Director, SRM IST, Delhi-NCR Campus
Dr. R. P. Mahapatra
Professor & Dean, SRM IST, Delhi-NCR Campus
Dr. Navin Ahlawat
Professor & Dean (S & H), SRM IST, Delhi-NCR Campus
Dr. N. M. Mishra
Professor & Dean (FMS), SRM IST, Delhi-NCR Campus
Dr. Dhowmya Bhatt
Professor & Dean (IQAC), SRM IST, Delhi-NCR Campus

ORGANIZING CHAIR

Dr. Jitendra Kumar
HOD, EEE, SRMIST, Delhi-NCR Campus

ORGANIZING CO-CHAIR

Dr. Peeyush Kala
Assistant Professor, SRMIST, Delhi-NCR Campus

