



**AICTE Training and Learning
(ATAL) Online 6 Day Faculty
Training Programme (FDP)
on**

***Electric Vehicles: Technology, Power
System, Energy Management, Testing
and Certification***

Registration Details:

Do online registration by AICTE portal only on: <https://atalacademy.aicte-india.org/signup>

- Participants will be selected on a first-come, first-served basis as per AICTE ATAL FDP guidelines.
- No Charge for Registration, Course and Certification.
- Attendance for sessions is mandatory as per AICTE ATAL guidelines.
- An exam will be conducted for certification.

For more details:

<https://mechanical.pccoepune.com/>

Contact number:

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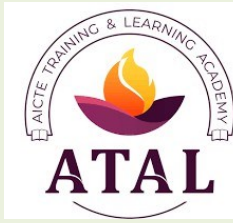
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**AICTE Training and Learning
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***Electric Vehicles: Technology,
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23rd Dec to 28th Dec 2024



**PCCOE - Pimpri Chinchwad College of
Engineering**
**Sector 26, Pradhikaran,
Nigdi, Pune, 411044**
(Near Akurdi Railway Station)

About Institute

Pimpri Chinchwad Education Trust (PCET) was established in 1990 with a vision to provide value-added education in multiple dimensions, from Nursery to Doctoral programs. PCET has seven institutes.

Pimpri Chinchwad College of Engineering (PCCoE), Pune, Maharashtra, established in 1999, is an AICTE-approved Institute permanently affiliated to SPPU, Pune. PCCoE is a promising Autonomous Engineering Institute located in one of the country's industrial hubs, Pimpri Chinchwad. The institute runs 7 U.G, 7 P.G and 3 Ph.D. programs and is ISO 21001:2018 certified. The institute is NAAC accredited with 'A' Grade.



About Department

The Department of Mechanical Engineering at PCCoE is committed to value-added quality technical education. The department is NBA accredited thrice since 2012-13. The department is equipped with laboratories and qualified faculty and staff. Our faculty fosters an innovative and research-oriented culture among U.G., P.G. and PhD students. Students excel in various state and national co-curriculum and extracurricular activities, winning numerous awards. The department implements outcome-based education and has implemented NEP 2020. The department ensures overall student development. Academic excellence is achieved through curricular and co-curricular activities. Research and Innovation competence is developed through training and placement programs. Social commitment is nurtured through NSS activities and societal projects.

Resource Persons

Eminent experts from IITs, reputed foreign universities and Industries will share their knowledge and expertise as per the theme of the FDP.

Programme Objectives

The Indian Governments FAME project aims to accelerates the adoption and growth of Electric vehicles. This workshop aims to provide learners with the necessary skills and knowledge in EV Technology and infrastructure to facilitate Indias sustainable transportation vision.

By participating in this FDP learners will-

- Gain comprehensive knowledge of EV
- Explore latest in charging infrastructure.
- Be well-versed in regulatory standards for EVs.

Target Audience

Participants should be practicing engineers from Industries, Faculty Members, Research Scholars, Post Graduate Students and Scientists.

Venue

Mechanical Seminar Hall
5th Floor,
Department of Mechanical
Engineering, PCCoE, Pune.



“ATAL Online 6 Day Faculty Development Programmes 2024-25 Schedule”



FDP Title: Electric Vehicles: Technology, Power System, Energy Management, Testing and Certification
Start Date: 23/12/2024

End Date: 28/12/2024

Day 1	Day 2	Day 3	Day 4	Day 5	Day 6
6:00PM to 6:30PM Inaugural Session	6:00PM to 7:30PM Session 3 Topic: Innovations in Electric Vehicle Transmission Systems Name of the Expert: Dr. Pravin R. Kale Designation & Organization: Professor & HOD (PCCOE, Pune) Years of Exp: 25	6:00PM to 7:30PM Session 5 Topic: Advancing Battery Thermal Management for fast charging Name of the Expert: Dr. Satyam Panchal Designation & Organization: Professor (Waterloo University, Canada) Years of Exp: 22	6:00PM to 7:30PM Session 7 Topic: Powering Electric Vehicles: Exploring Energy Sources Name of the Expert: Dr. Deepak Watvisave Designation & Organization: Associate Professor (Cummins COE, Pune) Years of Exp: 15	6:00PM to 7:30PM Session 9 Topic: Hybrid power train Name of the Expert: Mr. Swapnil Wadkar Designation & Organization: Manager (ZF India Pune) Years of Exp: 17	2:00PM to 3:30PM Session 11 Topic: Electrical Vehicle Technology and its Charging Infrastructure with Improved Power Quality Name of the Expert: Dr. Shailendra Kumar Designation & Organization: Professor (IIT Bhilai) Years of Exp: 20
6:30PM to 8:00PM Session 1 Topic: Electric Vehicle: Innovation, Developments and Regulatory Standards Name of the Expert: Mr. Manoj Desai Designation & Organization: Deputy Director (ARAI, Pune) Years of Exp: 18	7:30PM to 9:00PM Session 4 Topic: Electric Vehicle model development using MATLAB Name of the Expert: Mrs. Shweta V Patil Designation & Organization: Assistant Professor (PCCOE, Pune) Years of Exp: 17	7:30PM to 9:00PM Session 6 Topic: Introduction to EV and modeling Name of the Expert: Dr. Satyam Panchal Designation & Organization: Professor (Waterloo University, Canada) Years of Exp: 22	7:30PM to 9:00PM Session 8 Topic: Integrated Power Sources and Electronics for Electric Vehicles Name of the Expert: Mr. Manas Vora Designation & Organization: Managing Director (Emerge Pvt. Ltd., Pune) Years of Exp: 15	7:30PM to 9:00PM Session 10 Topic: Retrofitted electric vehicle Name of the Expert: Mr. Jaypal G Designation & Organization: Managing Director (SJT Electric Vehicle Pune) Years of Exp: 22	3:30PM to 5:00PM Session 12 Topic: Design and development of battery pack for 4-wheeler electric vehicle Name of the Expert: Mrs. Shweta V Patil Designation & Organization: Assistant Professor (PCCOE, Pune) Years of Exp: 17
8:00PM to 9:30PM Session 2 Topic: EV Dynamics: Handling, Stability, and Performance Name of the Expert: Dr. Debanand Singdeo Designation & Organization: Senior Engineer (MathWorks, Bangalore) Years of Exp: 15					5:00PM to 7:30PM Session 13 Topic: Testing of e-vehicle from scratch to on road Name of the Expert: Mr. Vijay Walunekar Designation & Organization: Managing Director (Inspired Mobility Technology, Pimpri, Pune) Years of Exp: 17
					6:30PM to 7:30PM Online test & feedback
					7:30PM to 8:00PM Valedictory Session