

## ADVISORY COMMITTEE

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Dr. R. N. Awale, Dy. Director, VJTI  
Dr. K. K. Sangle, Registrar & Dean Academics, VJTI  
Dr. F. S. Kazi, Director R&D, University of Mumbai  
Dr. P. M. Karande, Registrar, University of Mumbai  
Dr. S.P. Borkar, Dean Administration, VJTI  
Dr. A. B. Bambole, Dean Infra VJTI

## ORGANIZING COMMITTEE

Dr. S. S. Naik, HOD	Dr. N. Bedi
Dr. V. M. Phalle	Dr. A.M. Warsi
Dr. W. S. Rathod	Dr. A. Mitra
Dr. A.V. Deshpande	Dr. A. Jain
Dr. S. A. Mastud	Dr. P. A. Rajiwade
Dr. H. P. Khairnar	Dr. S. Rathod
Dr. M. V. Tendolkar	Dr. P. P. Raut
Dr. S. J. Jadhav	Dr. K. Vinayak
Dr. G. U. Tembhare	Prof. P. S. Patil
Prof. S. S. Barve	Prof. P. R. Gupta
Dr. V.M. Shinde	

**For more information contact to,**

### Course Coordinators:

Dr. P.A. Wankhade & Dr. N.P. Gulhane  
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## About VJTI:

The Veermata Jijabai Technological Institute (VJTI) was founded in 1887. VJTI has been playing a very vital role in producing quality engineers, introducing new programs and electives in emerging areas. The institute is affiliated to University of Mumbai. The institute is reputed for excellent training in engineering and technology at Diploma, Degree, Post Graduate level and Research.

## Resource Persons :

Experts from ARAI, MathWorks, Spark Technology, Ather Energy, Sciencetech, TATA EV, Bajaj EV & VJTI Mumbai will deliver the sessions and hands on trainings .

## Registration:

Interested faculty from AICTE approved Engineering, Polytechnics, only are requested to fill the application form on or before 3<sup>rd</sup> January 2026. Selected participants will be informed via email. Selection of participants will be sole authority of the organizing committee.

**Registration Fees: Rs.1500/-**



MathWorks®



**Veermata Jijabai Technological  
Institute, Matunga, Mumbai**



ISTE approved  
**One Week Faculty Development Programme**  
On

**“Emerging Trends in Electric Vehicle  
Technology”**

In Association with  
**MathWorks, Spark Technology, Rudved EV, Sciencetech  
Technology**

**12<sup>th</sup> - 16<sup>th</sup> January 2026**

**Call for Registration and Participation**



### Coordinators

Dr. Pramod A.Wankhade & Dr.Nitin P.Gulhane  
Department of Mechanical Engineering, VJTI,  
Mumbai

### Co-Coordinators

Dr. V. B. Suryvanshi, Prof. S. M. Kadam  
& Mr. A. M. Rathod

### Organized by

**Department of Mechanical  
Engineering**

Veermata Jijabai Technological Institute,  
Matunga, Mumbai 400019

One Week Faculty Development Programme  
On  
“Emerging Trends in Electric Vehicle  
Technology”

12<sup>th</sup> to 16<sup>th</sup> January 2026

**Objectives :**

- To impart foundational and advance knowledge of Electric vehicle system including architecture components, powertrains, Battery technology and charging Infrastructures.
- To familiarize participants with state-of-the-art tools and techniques used in EV design, simulation testing, and performance analysis through hands-on laboratory sessions.
- To foster research and collaborative opportunities in EV domains among faculty, encouraging projects in battery management, thermal systems.

**Contents:**

- Introduction & Fundamentals of Electric Vehicles
- Electric Drives and Powertrain Systems
- MATLAB Simulink Simulations
- Battery Technologies and Management Systems
- Battery Pack Demonstration and Testing
- Charging Infrastructure and Energy Management

“Emerging Trends in Electric Vehicle  
Technology”  
organized by  
VJTI Mumbai January 12<sup>th</sup> - 16<sup>th</sup> , 2026  
**REGISTRATION FORM**

Name:

Designation:

Department:

Institute:

Postal Address:

Phone (M):

Email:

LMISTE: (Y/N) if yes please provide your number:

Accommodation Required: Yes/No

Seal of Institute with Authorized Sign:

**About CoE AE&EV:**

The Centre of Excellence in Automotive Engineering and Electric Vehicles at Veermata Jijabai Technological Institute (VJTI), Mumbai, serves as a pioneering hub for advancing sustainable mobility solutions. Established to foster innovation in EV technologies, it integrates multidisciplinary research across mechanical, electrical, and computer engineering disciplines, leveraging state-of-the-art facilities equipped with basic and advanced set up on EV along with simulation labs Dorleco Sim and MATLAB software. The centre supports UG, PG, and Ph.D. programs, including hands-on experiments in battery modeling, regenerative braking, and thermal management systems for EV powertrains.

**Instructions for registration**

1. Registration fees to be paid online through SBI collect. Click on SB collect, select type of category as ‘Educational Institutions’, Select Veermata Jijabai Technological Institute, Select payment Category ‘Registration fees for emerging trends in EVT’, fill mentioned details and pay the fees. Keep E-receipt for record.
2. To register click on the link provided <https://forms.gle/CzuP9Y2qu7jHnpNJ8>
3. Accommodation (Only for outside MMR participants) is limited and will be provided on first come first basis with applicable charges.
4. Participants are required to bring laptops.
5. Breakfast and Lunch will be provided to all participants.