



Since 1983

Dr. Vishwanath Karad

**MIT WORLD PEACE  
UNIVERSITY** | PUNE

TECHNOLOGY, RESEARCH, SOCIAL INNOVATION & PARTNERSHIPS



# ***M.Tech eMobility***

*Department of Electrical and Electronics Engineering*

*Admissions Open for 2026 Batch!*

# MTech eMobility

*Pace up your career on  
the global track of eMobility.....*

## For Whom?

Fresher as well as working professionals from Industry, academia, and research organizations aspiring to enhance their career in the emerging field of eMobility.

## Eligibility

Bachelor in Electrical/Electronics and Communication/Telecommunication/Instrumentation/Mechanical/Automobile Engineering, or equivalent.

And

Qualified in MIT-WPU CET Or GATE (a positive score in GATE 2024, 2025, 2026 Or PERA CET-2026

Or

Sponsored Candidate (Need 2 years of work experience after graduation, in the related field).

## Why to choose MTech eMobility @ MIT WPU?

Specialized courses in electric vehicle design, battery technology, charging infrastructure, and more

State of the art infrastructure having eMobility Centre of Excellence facilitating experiential hands-on, research, and testing

Research driven program integrating multiple disciplines

Strong Industry interface

Adaptive academic delivery to accommodate diverse (fresh graduates and working professionals) categories

Excellent career opportunities in the expanding frontiers of EVs/eMobility

100 % Internship/Placement assistance

Stipend for candidates having valid GATE score

Dedicated semester for internship in Industries

## Career/Research Prospects

Embedded Systems and Control

Battery Technologies and

Management Systems

EV Telematics and VANETs

EV Life Cycle

EV Safety

Vehicle dynamics and chassis  
design

Charging Infrastructures

Internet of Things and allied areas

Artificial Intelligence

EV Machines and Drives

Power Electronics Hardware

Green Energy

Thermal and cooling systems

Aerodynamics

Control system integration

# Centre of Excellence eMobility

MIT-WPU Department of Electrical and Electronics Engineering has established a cutting-edge, State-of-the-Art Centre of Excellence (CoE) eMobility, specially designed to cater to the advanced academic and research needs. This premier facility enables innovation, research, testing, and consultancy in the rapidly growing electric vehicle (EV) sector.

The Centre is collaborated with the esteemed **International Automobile Centre of Excellence (IACE), Ahmedabad, Gujarat.**

**Investment:** Over 2 Crores

## Key Features and Infrastructure

Our CoE eMobility is equipped with world-class infrastructure, providing hands-on experience with the following specialized equipment and setups:

- Multi and Single Cell BMS Algorithm Development Boards
- Cut-Section Model of Toyota Innova
- "Parikshit 1.0" - A Custom Two-Wheeler for on-vehicle testing
- Battery Testing System
- Customized EV Power Trainer Kit
- Electric Bicycle
- Electric Vehicle Training System
- Automotive Sensors Simulator
- LUKAS Nulle CAN Bus System
- Auto Electrical Components Gallery
- ODIN Station for Battery Pack Assembly System

## Why Collaborate with MIT-WPU?

- Access to world-class EV laboratories and domain expertise
- Opportunity to work with talented student clubs and researchers
- Holistic approach at the university
- Contribution to India's vision for a sustainable future

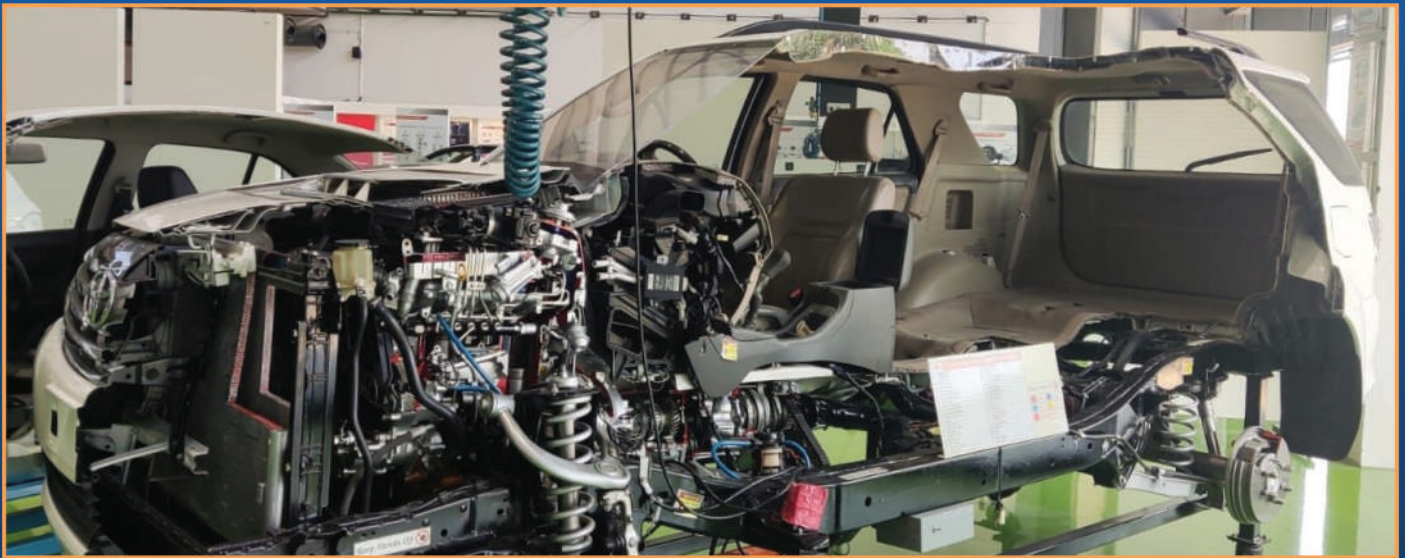
## Collaborative Opportunities

We invite industries, start-ups, institutes, and research organizations to collaborate with us in the following areas:

- MTech eMobility, Training, and Upskilling Programs
- Research and Development
- Testing and Validation
- Consultancy Services

## Prominent MoUs





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## ***Admissions open for 2026 Batch!***

*Get in Touch for MTech eMobility program, collaboration opportunities, industry partnerships.*

### **For more information:**

**Website:** mitwpu.edu.in  
**Address:** Department of Electrical and Electronics Engineering, Dr. Vishwanath Karad MIT World Peace University, S. No. 124, Paud Road, Kothrud, Pune-411038, Maharashtra, India.

*Join us in shaping the future of electric mobility!*

SCAN TO APPLY

