

College of Engineering Pune,



Cummins College of Engineering for Women, Pune



and

Savitribai Phule Pune University



in association with

Mahratta Chamber of Commerce, Industries and Agriculture



offers

# ONE YEAR FULL TIME POST GRADUATE DIPLOMA IN ELECTRIC MOBILITY (PG-DEM)

Drive, Derive

ELECTRIC MOBILITY



Our Partners in the initiative



Design

Develop

Deliver

## About the Course:

To the array of courses already offered the Department of Mechanical Engineering has embarked on a “One year post-graduate diploma in the field of Electric Mobility (PG-DEM)”. PG-DEM is an apt course for those who wish to dive into exciting careers in future mobility solutions. The course is designed for fresh graduates and experienced professionals working in industries. The course is a brainchild of the Maharashtra Chamber of Commerce, Industries and Agriculture (MCCIA), an organization that thinks for a holistic development of the nation and has contributed immensely to the industrial development of Maharashtra, making it the Numero-Uno.

College of Engineering, Pune (COEP) Cummins College of Engineering for Women, Pune (CCOEW) and Department of Technology, Savitribai Phule Pune University (SPPU) are jointly hosting the course. COEP is the torchbearer of engineering education in Pune and India, whereas Cummins College of Engineering for Women is walking on the path shown by Bharat Ratna Maharshi Karve, as a guiding principle of Women Education in India while Savitribai Phule Pune University has instilled and delivered distinguished and eminent torchbearers in the country. The professionals of MCCIA and faculty of COEP, CCOEW and SPPU together with eminent resource personalities from other institutes and industries in India, will prepare you for upcoming challenges and opportunities in transition from ICE mobility to Electric mobility.

The course includes class room lectures, video lectures, presentations and tutorials, which are all reinforced with practicals on the state-of-the-art Electric Vehicles(EV) infrastructure. You will be exposed to current developments in EV technology, charging issues, government policies through case-studies and the real-world projects. One of the prime objectives of the course is to create innovators in the field of electric mobility and accordingly, the spectrum of learning is very wide that goes from fundamentals to advanced technology.

## What you will learn?

- Electric Vehicle System Design and Integration
- Energy Storage Systems such as Lithium Ion Batteries, Ultracapacitor and Fuel Cells
- Powertrains and Controls in Electric Vehicles
- Thermal Management and Mechanical Design of EV Components and Systems
- International Standards, Government Policies and Regulations for Electric Mobility

## Faculty:

In-house as well as renowned and experienced faculty from industries / R&D organizations / other reputed institutes will be involved in the teaching-learning process of the entire programme.

## Eligibility Criteria:

Engineering Graduate in Mechanical/ Electrical / Electronics and Telecommunication / Instrumentation / Automobile and all allied branches

## Course Fee:

Rs. 1,55,000/- (Rs. One Lakh Fifty Five Thousand only) for full course

## Selection Criteria for Admission:

Written Test / Interview

## Total Number of Seats:

60 (Seat Allocation to COEP, CCOPW, DoT-SPPU will be made by the selection committee)

## Course Commencement Date :

19<sup>th</sup> August 2019

*For more details, please contact*

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