



FLIGHT 2024

MADRAS INSTITUTE OF TECHNOLOGY DEPARTMENT OF AEROSPACE ENGINEERING ASSOCIATION OF AERONAUTICAL ENGINEERS

EV AND BMS

In partnership with Skill Coach India



MARCH 16- MARCH 17

Description:

Electric vehicles are the saviors of our era. With clean and sustainable energy being our ultimatum for the future, engineers and scientists are aligned towards inculcating the aspect of sustainability in every aspect of structural, propulsive and manufactured engineering models. This makes it imperative that budding technograds are equipped with

enough knowledge about the current trends and developments. Join us in this two-day workshop to know all about electric vehicles right from scratch !

Event format:

March 16

1. Introduction to EV vehicles
2. Mechanical components of an EV
 - Frames
 - Steering
 - Brakes
 - Suspension
 - Transmission
 - Aerodynamics of an EV

March 17

1. Electrical components of an EV
 - Battery
 - Motor
 - Controller
 - Converter
 - Cell modeling and BMS
2. Electric vehicle retrofitting
3. Electric vehicle business

KIT WILL BE PROVIDED

**PARTICIPATION CERTIFICATE WILL BE AWARDED
TO ALL PARTICIPANTS**

CERTIFICATES PROVIDED BY SKILL COACH

For further queries, feel free to contact:

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