

Department of Automobile Engineering

Report on “5 Days Electric Vehicle Training Workshop”

“5 Days Electric Vehicle Training Workshop” is organized by Automobile Engineering Department, RMCET, Ambav on during 14/02/2023 to 18/02/2023 at Automobile Engineering Seminar Hall in presence of 02 Trainers from industry and 41 registered participants. Principal Dr. M.M. Bhagwat inaugurated the program and shared the initiatives taken by the institute to promote EV study and guided the students about the importance of EV technology. Mr. A.S. Joshi HOD Automobile introduced the trainers. All departments HOD's were present for inaugural function. The details of this workshop are as follows,

- Event Name: “5 Days Electric Vehicle Training Workshop”
- Date/ Duration: 14/02/2023 to 18/05/2023- 05 Days
- Resource Persons/ Trainers:
 1. Mr. Ankit Patil- CEO, Petric Automotive Pvt. Ltd., Pune
 2. Mr. Prashant Rokade- Co founder Green Mobility Solutions Kolhapur
- Registered Participants- 41 Nos. (SE, TE and BE- Automobile as well as EXTC Students)
- **Objectives of the Event:**
 1. To know fundamentals of EV
 2. To understand functions of Electric Vehicle Components
 3. To know EV Powertrain
 4. To understand Architecture and wiring diagrams
 5. To understand Li-Battery and BMS pack development.
- **Learning Outcomes:** With the above mentioned objectives, the workshop is completed successfully and after completion of this workshop students should,
 1. Understood the Concept of EV and difference between EV and HEV
 2. Differentiate ICE and EV easily
 3. Motor Selection and determination of Output and performances of motors
 4. Develop EV powertrain technology, and its key components
 5. Learned how to build Li-Ion battery Pack
 6. Learned the BMS and its functions in Battery Pack.







- **Feedback and Suggestions:**

1. More Hands On experiments demanded from students
2. The overall Program is excellent and will be beneficial for understanding the concept of EV as well as Battery Pack Manufacturing.

Mr. Swapnil Rawool Asst. Prof. worked as Event In charge for this workshop and **AUTOTRENDZ** committee members and other AUTO students contributed to make grand success of this program. Around 41 students attended the program. The program ended with online test and assignment submission.

President AUTOTRENDZ

Event In charge

HOD AUTO