

**A 6 DAY VALUE ADDED COURSE ON
“ELECTRIC VEHICLE TECHNOLOGY”
for B.Tech and M.Tech students in
Electrical and Electronics Engineering Department, GNITS**

Participants: A total number of 167 students participated

Description about Program:

The VAC started with a note by **Dr. N Malla Reddy** (HOD – EEE) related to the importance of skill development in the field of Electric Vehicles (EV) for young engineers to be graduated. Day started with an introduction session about overview of Electric Vehicles and their different technologies. Later Team division of three happened, to learn different key aspects of design and development of vehicles.

In the consecutive days students learnt the various procedures of developing different parts of Electric Vehicle. There were three subdivisions of Casting, Welding and Battery management systems(BMS) for students training in three sectors of electric vehicle manufacturing. The Trainers gave detailed information on cutting a structure, different types of welding and battery management systems. Students were given hands on equipment to produce all casting structures, joining all the cut parts using welding and BMS electrical connections of EV.

Finally all the three sections were integrated with the chassis of the EV and power train was introduced to students . The connections of power train and electrical connections of motor were integrated for initial testing of the EV. Later all the parts of above said three subdivisions were combined to build a final EV for testing.

Faculty Coordinators:

- P Rama Krishna Reddy
- R & D Team









