

**AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY  
VINAYAKA MISSION'S RESEARCH FOUNDATION**

**DEPARTMENT OF MECHANICAL ENGINEERING  
TARG – SAE**

**Organized**

**One day Seminar on “ELECTRIC VEHICLES” – 30.01.20**

The Department of Mechanical Engineering under TARG - SAE organized a One day seminar on ‘**ELECTRIC VEHICLES**’ on 30<sup>th</sup> January 2020.

The chief guest **Mr. Srinivasan**, Product Engineer, Power train Controls, Chennai was welcomed by **Dr. M. Prabhakar**, Professor – Department of Mechanical Engineering. The chief guest was introduced by Mr. Amar Ahmed Pasha, Student, III Year, Department of Mechanical Engineering. Nearly 63 students participated in the seminar.

The students had an interactive session with the expert and the following contents were discussed.

- Current technology applied in vehicles and challenges handling in automotive industries
- Hybrid Electric Vehicles and their complex structure/construction,
- Various electronic components used in Electric Vehicles with major Specification,
- Design and Construction of Electric Vehicles,
- Technology used to control Electric Vehicles.

**Outcomes:**

The seminar was conducted for the awareness of emission control as per Environmental Protection Agency norms in Automotive sector. The Students interacted with the guest regarding various electronic/electric components used in electric vehicles and safety precautions with the Electric Vehicles.

After the completion of this seminar talk, the students were gained:

Knowledge on various components used in electric vehicle,  
Utilization of motor and battery capacity requirement for electric vehicles,  
Design and construction of an electric vehicles, and  
Technology used to control electric vehicles.

Vote of Thanks was proposed by Mr. Amar Ahmed Pasha, Student, III Year, Department of Mechanical Engineering.

