



**AARUPADAI VEEDU  
INSTITUTE OF TECHNOLOGY**  
OMR, PAIYANOR, CHENNAI - 603104



**VINAYAKA MISSION'S  
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## DEPARTMENT OF MECHANICAL ENGINEERING

### INSTITUTIONAL SOCIAL RESPONSIBILITY (ISR) & SOCIETY OF AUTOMOTIVE ENGINEERS (SAE)

### ORGANISED A "SKILL DEVELOPMENT PROGRAM ON AUTOMOTIVE ELECTRICAL AND ELECTRONICS CHARGING" ON 30.08.2019

The Department of Mechanical Engineering AVIT organized a Skill Development Program on **AUTOMOTIVE ELECTRICAL AND ELECTRONICS CHARGING** for Rural community on 30.08.2019. The course started with the Welcome address by Prof L.Prabhu, Head of The Department of Mechanical Engineering. Prof P. Rajasekaran, Vice principal (admin) delivered the Special address. Students from the nearby village of **Arunkundram** actively participated in the programme. Mr.N.Shivakumar, Mr.M.Saravana Kumar and Mr.B.Samuvel Michael from the department acted as the resource persons for the skill development course.

The first session started with the lecture of Mr.N.Shivakumar and he gave an introduction to the students about the following topics.

Auto electrical test bench

Engine Scanner- BOSCH KTS 560

Air Conditioning service



In the second session students were taken to the Two and Three Wheeler lab and was taught about the Electrical and Electronics system in the two wheelers by Mr.B.Samuvel Michael, Asst.Prof of Mechanical Engineering.

Later the students assembled in the BOSCH lab and were practically taught about the different BOSCH Battery load tester, BOSCH Battery tester and to provide a best range of Battery chargers for two wheelers. The students were also practically shown about the Air conditioning maintenance ACS 651 to perform simple and low cost servicing of AC systems. The Electrical test bench with a wide range of alternators and starter motors were explained to the students by Mr.M.Saravana Kumar , Asst.Prof of Mechanical Engineering.



The valediction function was organized at the BOSCH Lab around 3.30 pm.

Prof.L.Prabhu, Head/Mech appreciated the students for their participation and distributed certificates to the students and encouraged them to participate more in such type of activities. The event was organized by Ms.S.Sangeetha ,Assoc. Prof. of Mechanical Department.

