



**DEPARTMENT OF MECHANICAL ENGINEERING**  
**In association with**  
**SAE - Society of Automotive Engineers**

**Organized**  
**One Day Seminar on Engine Transmission System for Armoured Fighting Vehicle**

The Department of Mechanical Engineering organized a 'One Day Seminar on Engine Transmission System for Armoured Fighting Vehicle' on 24-03-2023.

The session started with welcome address by Dr.M.Prabhakar, HOD, Mechanical Engineering and he also briefed the Activities, Achievements and Prospects of Mechanical Engineering Department at AVIT. The Resource person of the day was **Shri.M.Srinivasan** Scientist 'E' of Combat Vehicles Research & Development Establishment (CVRDE) Chennai.

The Student delegates actively participated in the webinar and clarified their Queries with the guest. The session was attended by around 46 participants from mechanical Engineering II year and III year students.

The topic discussed during the seminar were

- Torque Converter Transmission.
- Semi-Automatic Transmission.
- Types of gearboxes: concentric, parallel, and right angle.
- A fluid coupling or hydraulic coupling

The Seminar In Engine Transmission System for Armoured Fighting Vehicle program gave the students wonderful opportunity for gaining knowledge in the Automotive topics related to their streams and to facilitate initial academic options, course selection and registration. The session was concluded with a vote of Thanks by Dr.M.Saravana Kumar AP GR II AVIT/MECH and Mr.G.Antony Casmir Jayaseelan AP GR II AVIT/MECH Co-Coordinator, Mechanical Engineering.



