



**AVIT**  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S  
RESEARCH FOUNDATION  
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## DEPARTMENT OF MECHANICAL ENGINEERING

# WEBINAR ON DISRUPTIONS IN THE AUTOMOTIVE INDUSTRY

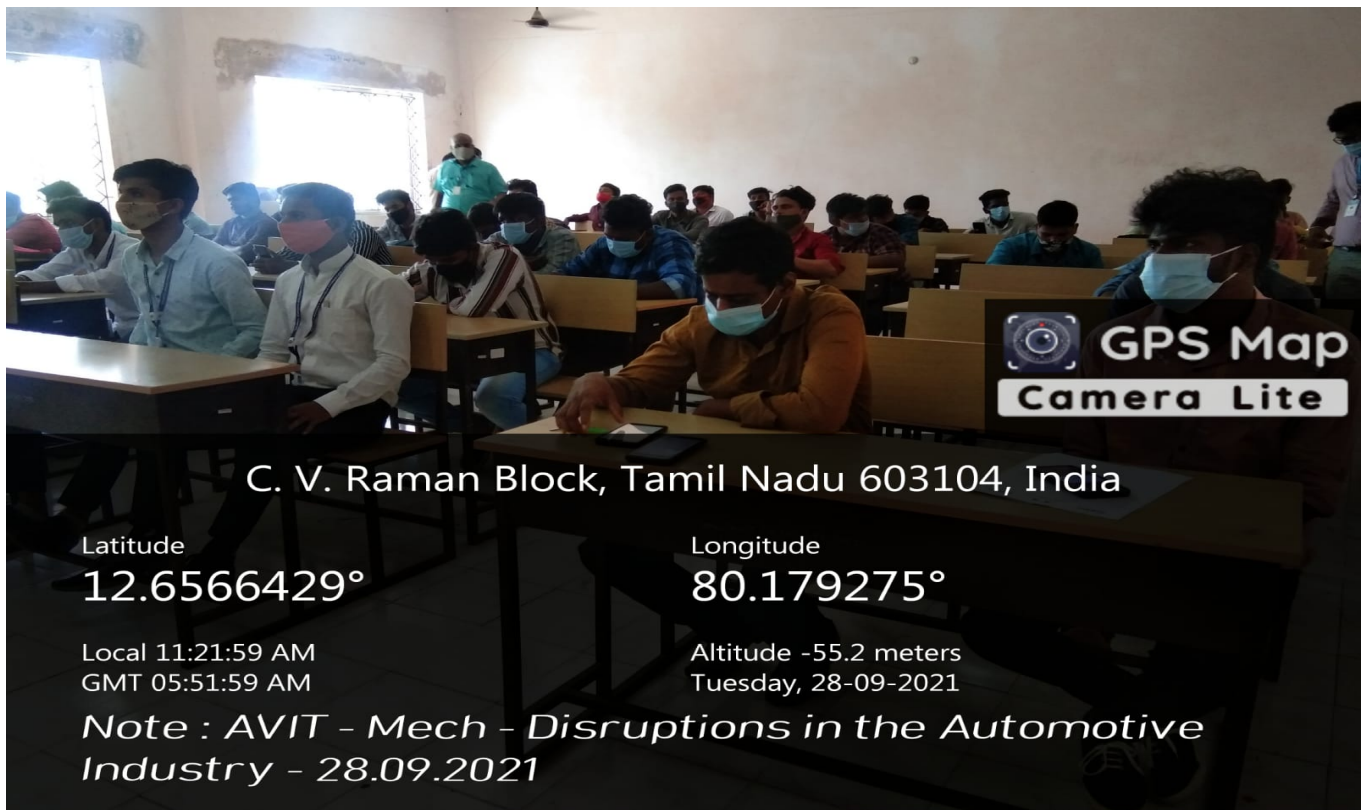
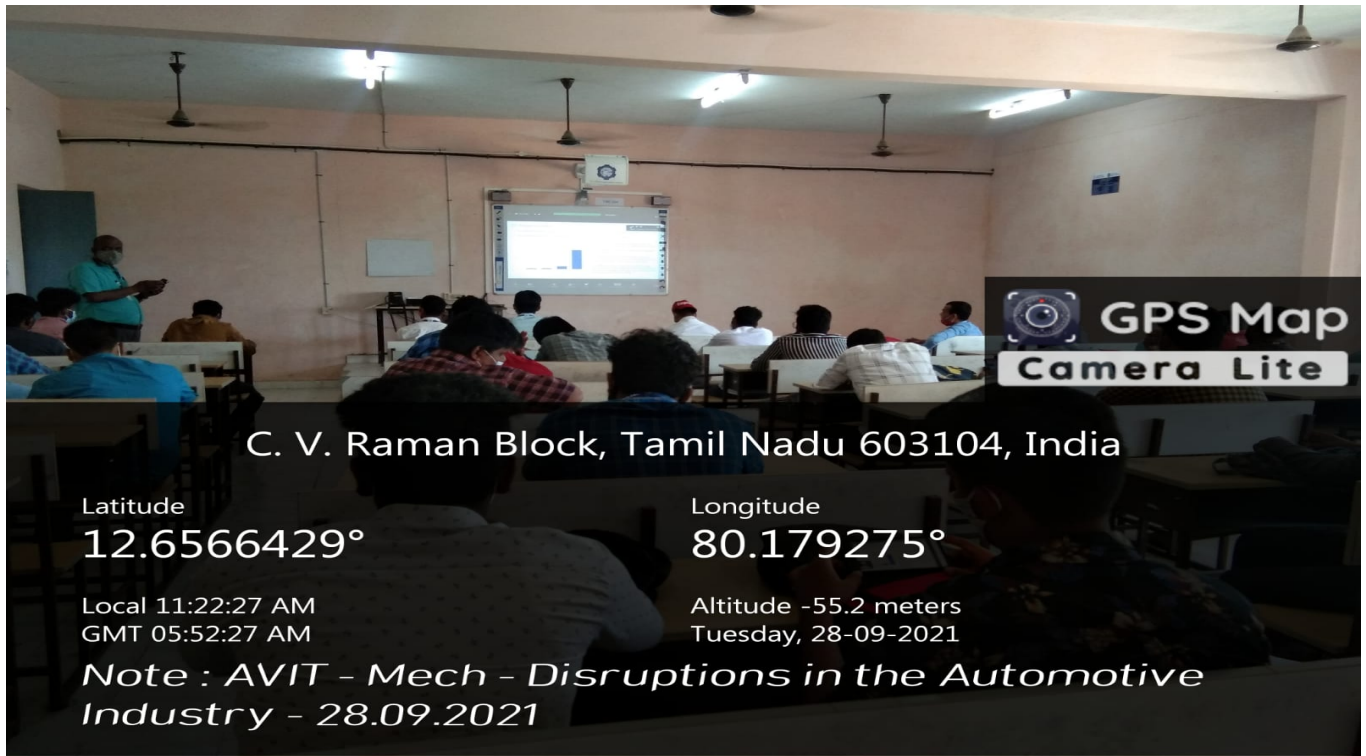
**28<sup>th</sup> September 2021**

**Presented by**

**Mr.C.Suppuraj**

**General Manager- Product Development  
Ford Motor Private Limited, Chennai**

The Department of Mechanical Engineering organized a Webinar on Disruptions in the Automotive Industry on 28<sup>th</sup> September 2021. As a good start, Prof.L.Prabhu, VP (Admin) & Head of the Department, Mechanical Engineering welcomed the guest and participant and also briefed the Importance of various technologies used in Automotive Industry. Mr.Udhayakumar, Student- Final Year Mechanical Engineering briefed about the Guest profile. The Guest Mr.C.Suppuraj, General Manager- Product Development, Ford Motor Private limited, Chennai delivered a more informative lecture with many illustrations. He also elaborated the Factors leading the Disruptions, Trends in Electric Vehicles and Types of Connected Vehicles .The session was much interestingly handled with various technologies used in Autonomous vehicles with some Examples. The Participant actively participated in the webinar and clarified their Queries with the guest. The session was attended by around 51 participants from the Department of Mechanical Engineering, AVIT. The session was hosted live through zoom virtual platform & also streamed live at YouTube channel of the Institution. The session was concluded with a vote of Thanks by Mr.Yogeshwaran, Student- Final Year Mechanical Engineering AVIT. The Webinar session has met the outcome of creating awareness about the Disruptions in the Automotive Industry in the Field of Mechanical Engineering among the participants from Mechanical engineering, AVIT. The Webinar arrangement was well Coordinated by Mr.C.Thiagarajan, Associate Professor, Department of Mechanical Engineering, AVIT.



Easter morning 1900: 5<sup>th</sup> Ave, New York City. Spot the automobile.



Source: US National Archives.

Easter morning 1913: 5<sup>th</sup> Ave, New York City. Spot the horse.



Source: George Grantham Bain Collection.

## Connected Vehicles - Types

### Vehicle-to-Infrastructure (V2I)

- Traffic infrastructures like traffic signals, speed warning, traffic congestion bridge clearance etc will be transmitted within short range
- Data used to alert drivers in advance to reduce speed or control the vehicle
- Data captured by infrastructure can be used by government for better traffic management

