



**5 Days Online Workshop**

**On**

**Autonomous Vehicle & Design aspects**

**Fep 15 – 19, 2021**

**Time : 6.00 p.m to 8.00 p.m**

*by*

**Dr. N. Nedunchezhian**



**Registration Link :**

## **Faculty Profile**

Dr.N.Nedunchezhian is currently an Associate Professor in the Department of Automobile Engineering at Institute of Road & Transport Technology, Erode, Tamilnadu, India.

Achievements:

- Engine Testing Laboratory
- Automotive Electronics Laboratory
- Developed State of the art PC based Combustion Analysis and Data logging System.

Awards & Grants Received:

- The Best Paper Award on IC Engines in the XVI National Conference on IC Engines and Combustion for a Technical Paper, 2000.
- The Best Indian Paper Award on Environmental Pollution in the International Symposium on Automotive Technology for the Technical Paper SAE 990014, 1999.
- Awarded the MIT Alumni Association award for Excellence in Academic Performance during B.Tech. studies, Anna University, 1985.
- Obtained Best Teacher awards three times at IRTT.

## Course Contents

- Basic Concepts of Automobiles and Autonomous Vehicles
- The New Normal Automotive World: Electric Vehicles & Autonomous Vehicles
- Ethics of Driverless Electric Vehicles
- Steering System Design for Autonomous Vehicle
- Sensors and their Integration of Autonomous Vehicles
- Electronic Control Modules of Autonomous Vehicles
- Socio-Economic Effect of Driverless Electric Vehicles
- 5G Technology for Driverless Vehicles
- Sensor Technology for Autonomous Vehicles and Perception Sensors, The New Smart Eyes
- Human Factors Issues in Automated Driving
- AI for Autonomous Driving
- Hardware of ECU for Driverless Vehicles
- Impact on Motor Vehicle Act and Regulations
- Vehicle to Vehicle Communication and Connected Autonomous Vehicles

## Who should attend?

Students from Engineering College - UG and PG can attend

## Course Fee

Rs. 500 per delegate for students

(E certificate will be given to those who attend all 5 Days)

## Online Account Details

Account Name: SAEINDIA SOUTHERN SECTION

Account Number : 38517580801

Bank Name & Branch: State Bank of India,  
Kottur

MICR Number : 600002023

IFSC Code : SBIN0001669

PAN No : AABAS2734H

## Contact

### Programme Executive

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