



Chandigarh Engineering College, Landran (Mohali)

Department of Mechanical Engineering

Innovation and Future Trends in Automotive

Conducted By: **Society of Automotive Engineers India (SAE) India.**

Name of Expert: **Dr I.V.Rao (Sr. Fellow TERI & Ex ED , MSIL)**

Mr. S. Ramanathan (MD, Automotive Test System)

Title of Event: **Innovation and Future Trends in Automotive**

Venue of the Event: **Online**

Date of Event: **Oct. 5, 2021**

No. of Participants: **Faculty: 10, Student: more than 100 students**

A brief discussion about the future trends of electric vehicles in India and Advanced Driver-Assistance Systems (ADAS) i.e. how advanced technologies are used in electronic systems to assist the driver.

Photographs of the event: **Yes**

Outcomes of Event: Students and faculty received the important information regarding future trends of electrical vehicles in India and and about Advanced Driver-Assistance Systems (ADAS) i.e. how advanced technologies are used in electronic systems to assist the driver.



**CHANDIGARH
GROUP OF COLLEGES**
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Innovation and Future Trends in Automotive

VIRTUAL EXPERT LECTURE



5th Oct 2021



2 pm to 4 pm



SPEAKERS

Future Prospects of EVs in India

Dr. I.V. Rao

Sr. Fellow TERI & Ex. ED, MSIL



ADAS-Present and Future

Mr. S. Ramanathan,

MD, Automotive Test System








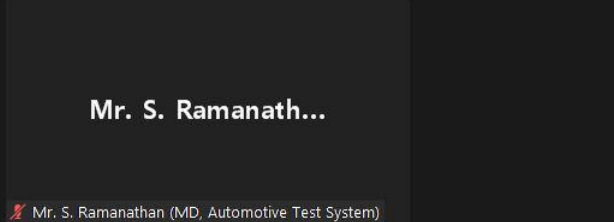


Mr. Tuhin Srivastava
Vice Chair Student Activities, Saenis



Registration link <https://rb.gy/fkl1bf>
















Recording View





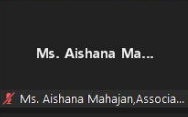
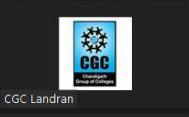
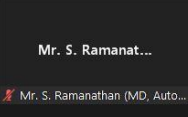

 Dr. J.V. Rao (Sr. Fellow TERI & Ex ED , MSIL)	 Dr. Rajesh Sharma, HOD,	 Dr. Satish Kumar, Associate Professor
 Ms. Aishana Mahajan, Associate Professor,	 Mr. Tuhin Shrivatva	 CGC Landran
 Mr. Jagatpratap		 Mr. S. Ramanathan (MD, Automotive Test System)

Unmute Stop Video Participants 107 Q&A Chat Share Screen Raise Hand Record Leave

Recording View

2000 Millennium Onwards

 Maruti Swift	 Maruti Dzire	 Mahindra Scorpio	 Mahindra Bolero	 Tata Indica
 Honda City	 Honda Jazz	 Tata Indigo	 Toyota Innova	 Toyota Qualis
 Hyundai i10	 Ford Ecosport	 Ford Aspire	 Hyundai Creta	 VW Polo

 Dr. J.V. Rao (Sr. Fellow TERI & Ex E...	 Dr. Rajesh Sharma, HOD,
 Mr. Tuhin Shrivatva	 Dr. Satish Kumar, Associate Pr...
 Ms. Aishana Mahajan, Associa...	 CGC Landran
 Mr. S. Ramanathan (MD, Auto...	 Mr. Jagatpratap

Unmute Stop Video Participants 111 Q&A Chat Share Screen Raise Hand Record Leave

The screenshot shows a Zoom meeting interface. At the top, there are six video thumbnails of participants: Dr. J.V.Rao (Sr. Fellow...), Dr. Rajesh Sharma, H..., Dr. Satish Kumar, Ass..., Mr. Tuhin Shrivatva, Mr. S. Ramanathan (...), and Ms. Aishana Mahajan... The meeting title is "Sustainable Mobility". The slide content is as follows:

Recording

Sustainable Mobility

- Basic Principle Avoid, Shift and Improve

Avoid

- Learning from Lockdown experienceOptimise the requirement of movement ...People and Goods

Shift

Non motorised transport

- Encourage walking for short distances...walking tracks for pedestrian safety

Road infra to specially cater for walk ways

Special tracks for Bi cycles...work force can travel longer distances for better earning

Public transport

For shift from personal transport to Public transport

Augmentation of Buses and Metro rail both capacity and Quality

Public transport should become preferred travel mode by choice

These will help reduce the number of vehicles on road and hence congestion. This will also improve the efficiency of the system and reduce emissions

Unmute Stop Video Participants 95 Q&A Chat Share Screen Raise Hand Record Leave