

## **REPORT ON ELECTRIC MOBILITY AND ITS ENERGY STORAGE SYSTEM**

**Date :** 19th November, 2022

**Venue and Time :** Google meet(online),

**Google meet link :** [meet.google.com/tmh-avtw-hdw](https://meet.google.com/tmh-avtw-hdw) 09.00 a.m to 10.00 a.m

**Chief guest :** Ms.Subathra Rajendran, Founder  
CEO of AATRAL Energy solutions provider(ESP)

DEPARTMENT OF MECHANICAL ENGINEERING

SOCIETY OF MECHANICAL ENGINEERS

Solicit your Gracious Presence for the  
Guest lecture on

Electric mobility and it's energy storage system

Resource Person



**Ms. Subathra Rajendran**

Founder & CEO of  
AATRAL Energy solutions provider (ESP)

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**MODE:ONLINE**

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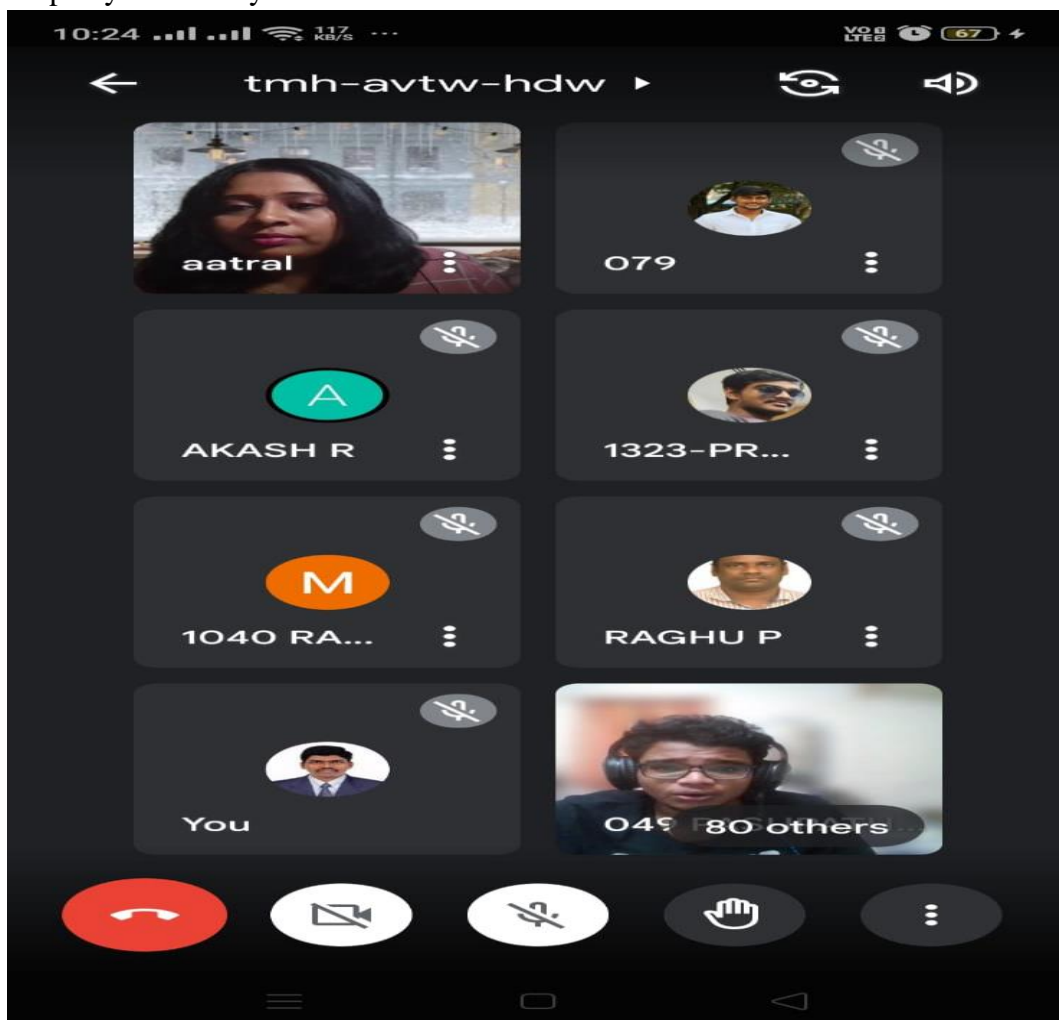


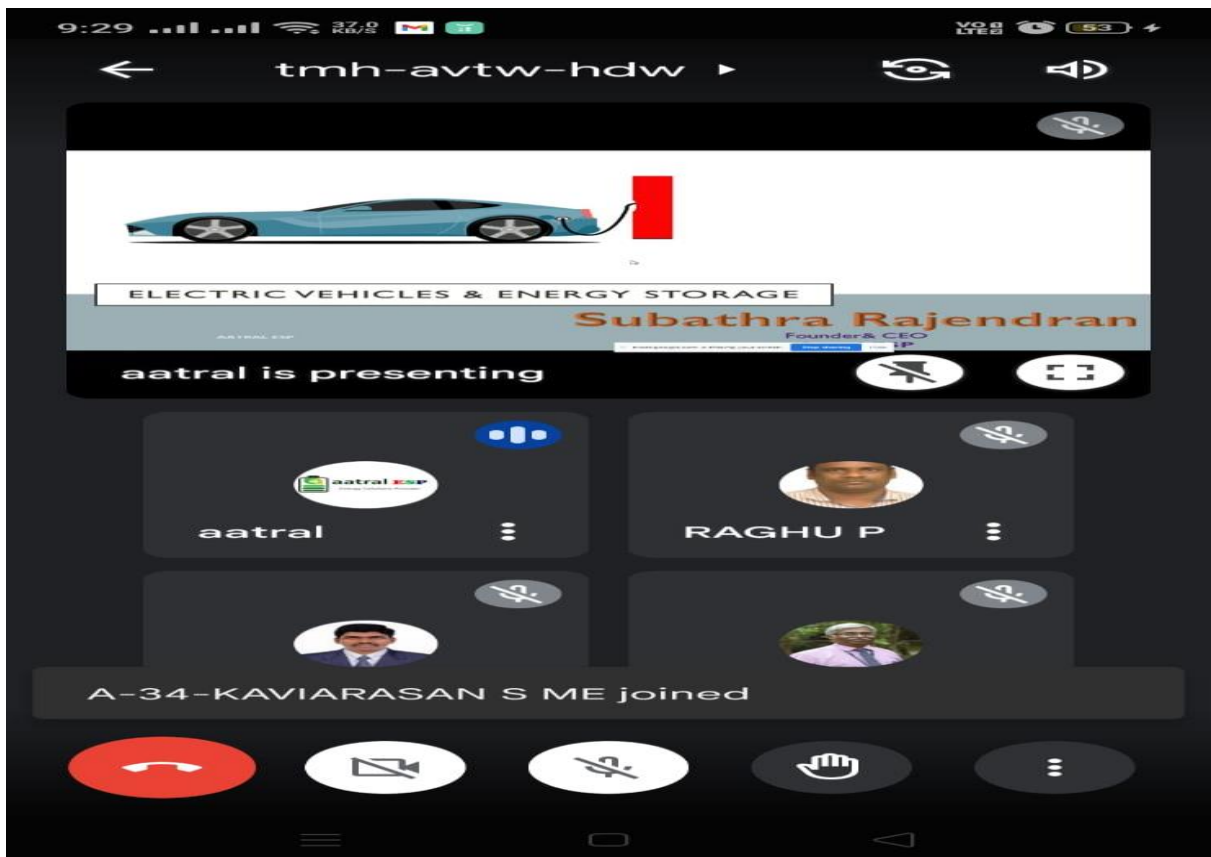
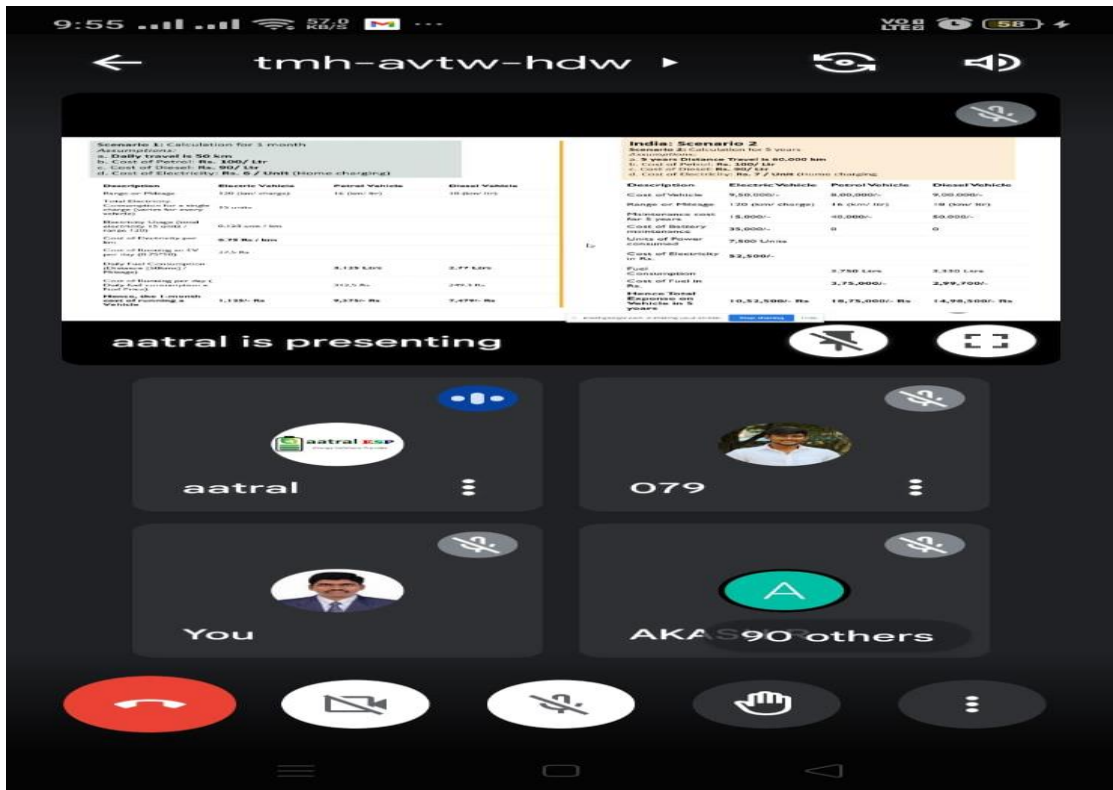
To begin with SME member Manu Raghav from 3rd year delivered his welcome speech. Then Manuraghav gave the chief guest introduction in the presence of our Assistant

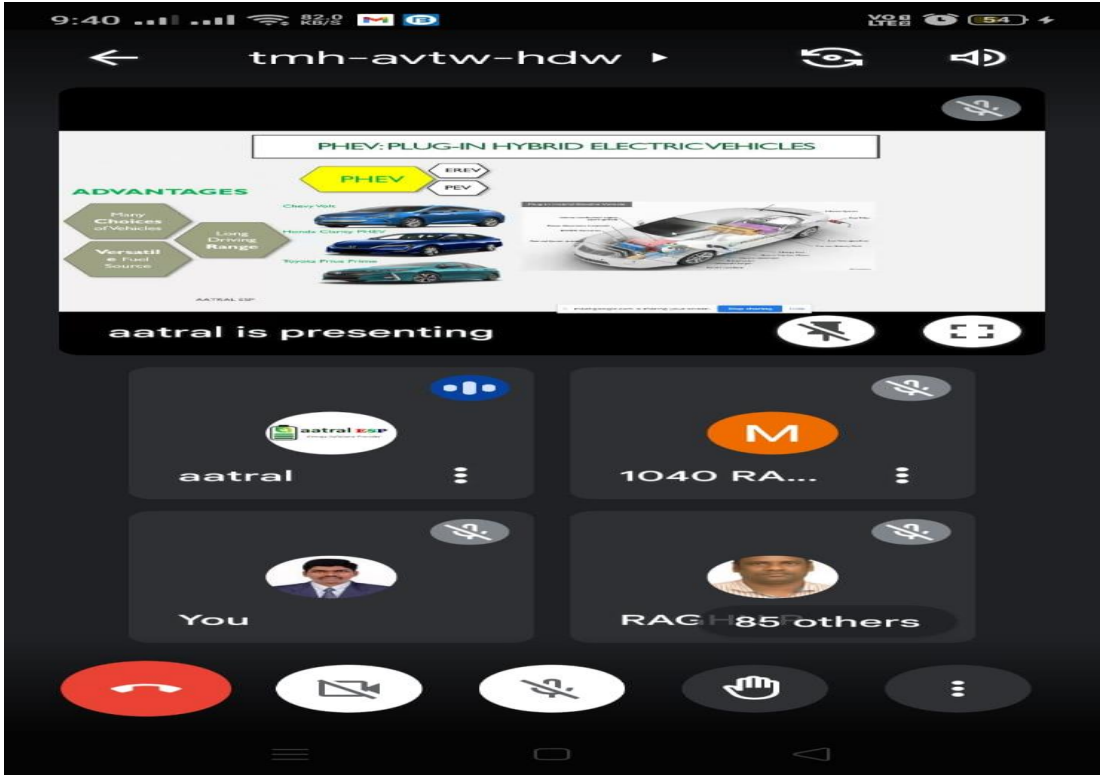
head of the department Dr. M.Mohandass Then our chief guest Ms.Subathra Rajendran gave her speech about the electric mobility and it's energy storage system. She spoke about various things like lowering the emissions, components inside lithium ion battery etc..Then she explained about the advantages of this system. So she instructed all the students to follow this useful method to satisfy future requirements.Electric Mobility and the Powertrain of the Future.Mobility is something like a basic human need. But in view of the challenges of climate change and the associated targets for reducing CO2 emissions, the demands on mobility are also changing – especially in cities. In these conurbations, aspects such as environmental protection, emissions and limited space are particularly important.

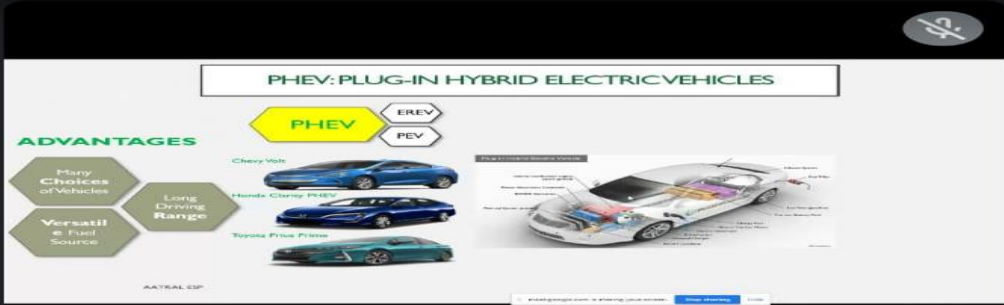
Therefore, in the long term, a wide variety of vehicle concepts from scooters to driverless shuttles will promise to transport people and goods over short and long distances. This also applies to construction sites that face the challenge of reducing emissions in metropolitan areas. An electric excavator, such as the one currently being thought up and tested by Bosch Research, might offer a solution here.

So, it's our gratitude to interact with this person to answer for the student's doubts. So, we whole heartedly thank Ms.Subathra Rajendran to this opportunity and looking forward for this kind of programmes. Finally vote of thanks was delivered by our SME member Mr.Pasupathy from 3rd year.









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