



International Institute of Information Technology (I²IT)

Hinjawadi, Pune- 411057

Department of Electronics & Telecommunication
Activity Report

“Expert Lecture on Power Electronics - Electric vehicle Technology”

Academic Year: 2019-20

Semester: II

Name of Event: Expert Lecture

Date of Conduction: 2/04/2020

Time: 4.00pm to 5.00pm

Targeted Audience: TE E&TC Students

Number of Participants: 25

Venue: online (Zoom) **Meeting ID:** 415-486-609 **Password:** 11223344

Topic: “Expert Lecture on Power Electronics - Electric vehicle Technology”

Resource Person: Mr. Hemank Dabhade

Coordinator: Prof. Varsha Degaonkar

Objectives :

- 1) To present basic study of fundamentals of Electric vehicle
- 2) To give an idea of automation in manufacturing units.
- 3) To demonstrate detailed study of all components of Architecture and configurations of Electric vehicle

Outcomes:

After attending the a session, Students will be able to

- 1) Analyze Vehicle Energy demand and calculations.
- 2) Design Alternative Propulsion Systems.
- 3) Explore design of Energy converters and Transmissions.

Activity Description:

Third Year Electronics Electronics & Telecommunication students have participated in online expert lecture held on 02nd April 2020 on “**Power Electronics - Electric vehicle Technology**”. This session has exposed all students to accelerate knowledge and skill EVT and opportunities in electrical vehicle technology

Event Photos:

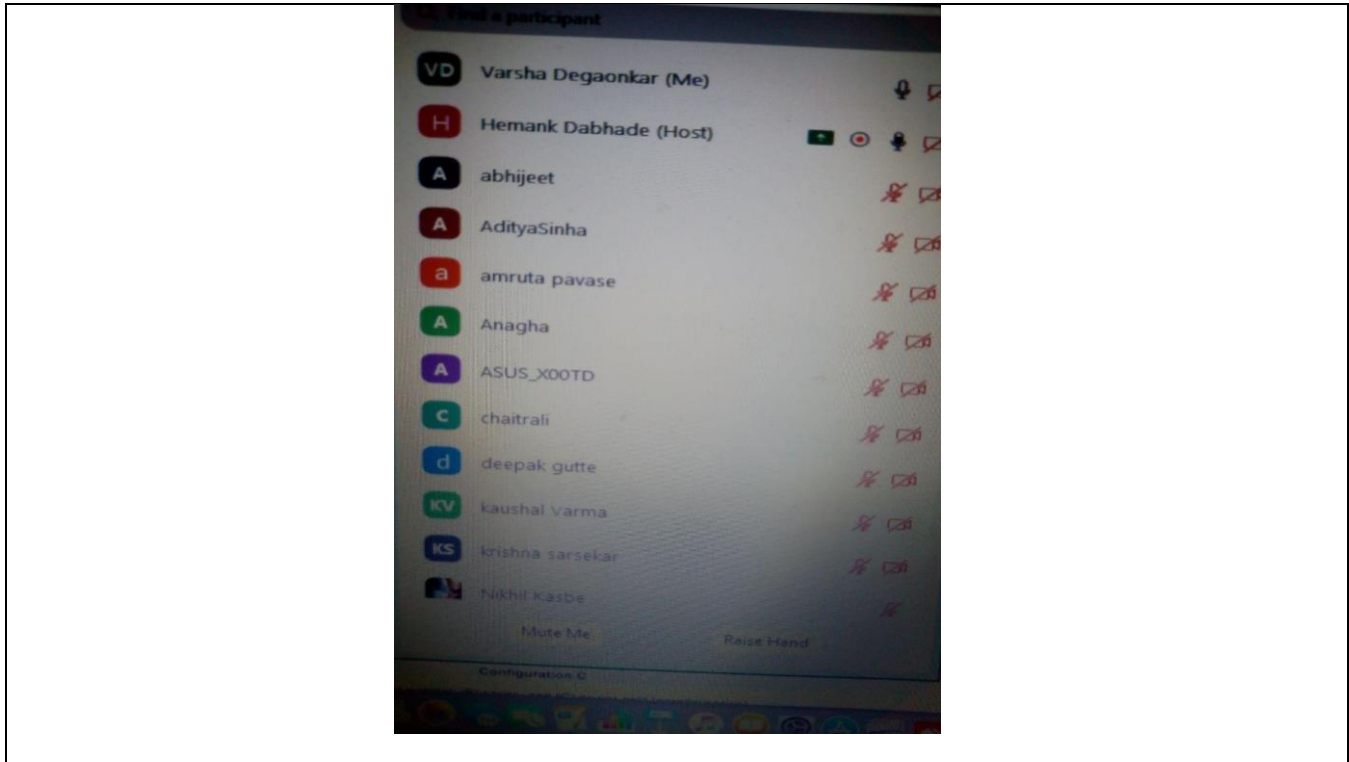


Image 1: Session attendance

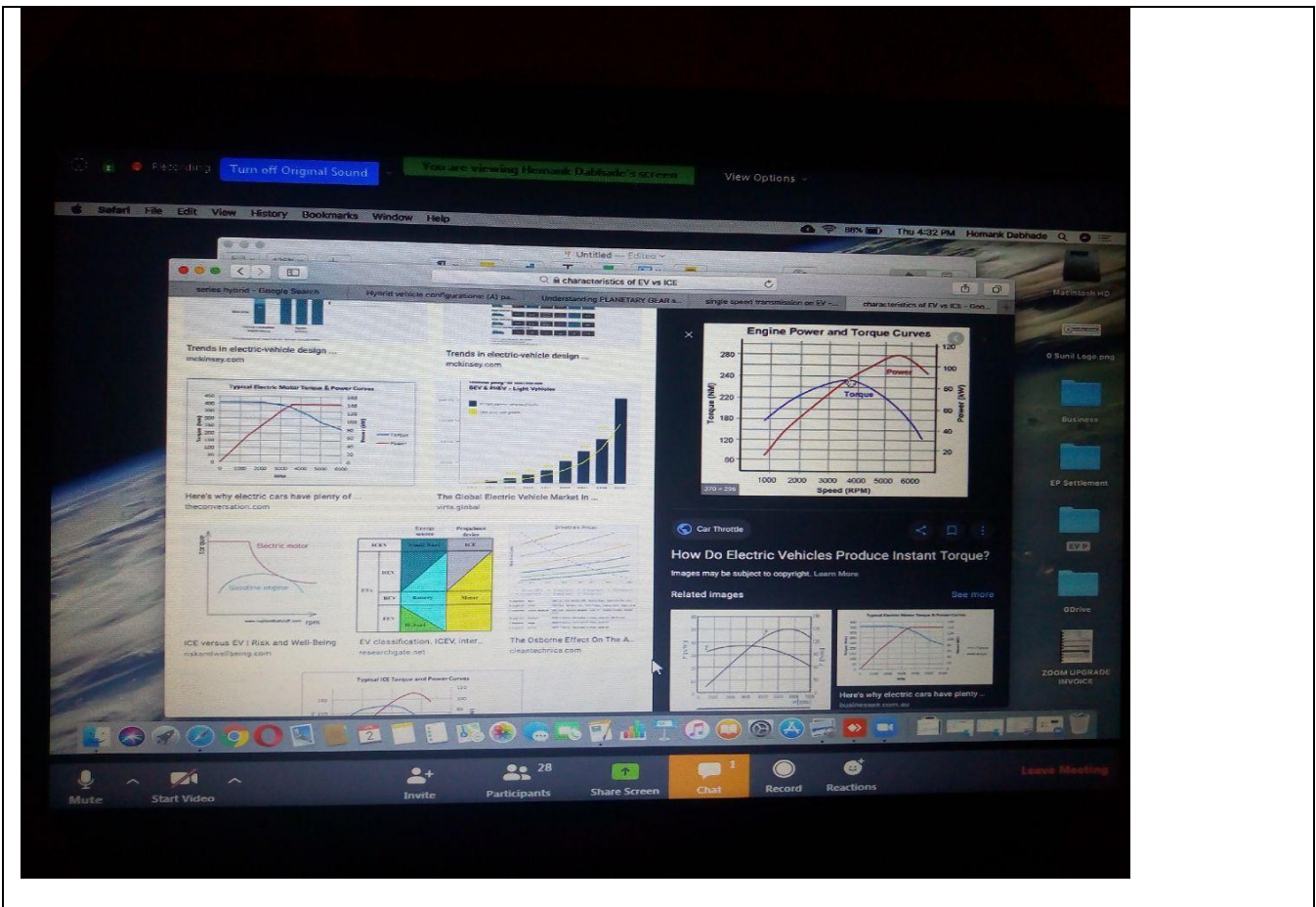


Image 2: Vehicle Parameter analysis

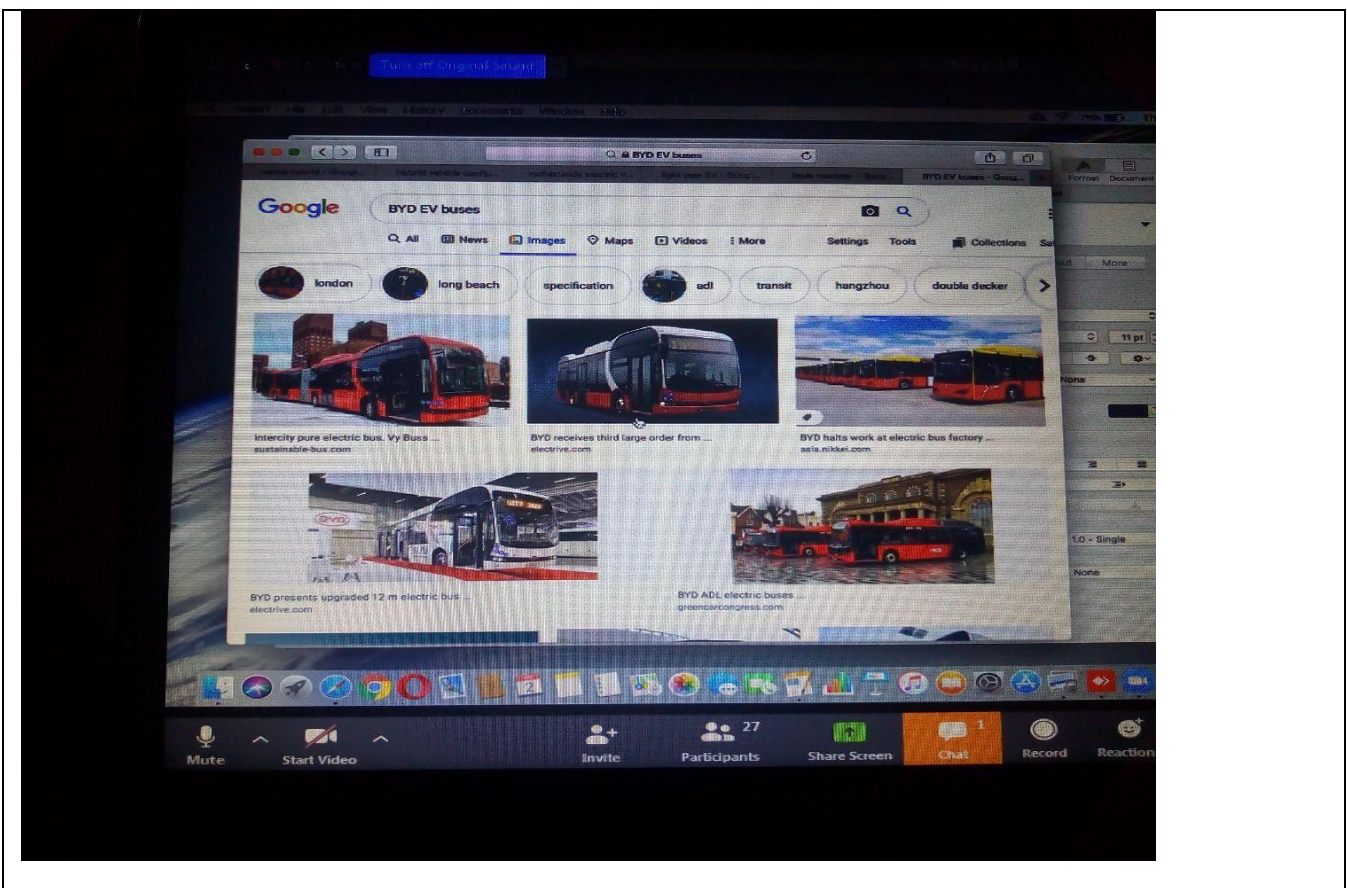


Image 3: Exploring different EV buses