



AVIT
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



VINAYAKA MISSION'S
RESEARCH FOUNDATION
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DEPARTMENT OF MECHANICAL ENGINEERING

NATIONAL INSTITUTION FOR QUALITY AND RELIABILITY STUDENT CHAPTER (NIQR) & INSTITUTIONS INNOVATION COUNCIL (IIC)

Report – Webinar on Electric Bus Development

24th November 2020

Resource person: Shri Nandakumar Anandaraman
Independent Consultant
EV Energy Management Solutions & Aggregates

Participants: 122

Department of Mechanical Engineering in association with National institution for Quality and Reliability Student Chapter (NIQR) and Institutions Innovation Council (IIC) jointly organised a Webinar on the topic “**Electric Bus Development**” on 24th November 2020.

The topics covered in Webinar

- Introduction to Electric bus
- Fundamental Electric Vehicles & Development Batteries
- EV Global Outlook
- Indian EV Scenario
- FAME-II Proposals by NITI Aayog
- EV Architecture, Technical Brief

Webinar Outcome

- Students understood the importance of electric vehicles & EV Global Outlook
- Indian Electric vehicle Scenario
- Electric vehicle Architecture, Technical details
- Overview of Battery Pack Development, Production Plan & Key Challenges

The Webinar was coordinated by Mr.S.Kalyanakumar Assistant Professor (Gr-II) and Prof L.Prabhu VP(Administration),President-IIC and HOD Mechanical department given the presidential address.

GREEN SAVVY

Abstract of FAME II Proposals

Change of Stance
Govt looking to incentivise electric & hybrid vehicles

Incentive of ₹10k per kWh proposed for EVs including hybrids

Incentive of ₹20k per kWh planned for e-buses

Incentives proposed under FAME II will be reviewed annually

Vehicles with ex-factory price less than a specified threshold value will be eligible

» Effective Apr 01, 2019
 » Rs. 10,000 Cr. Cleared by Union Cabinet
 » 10L e-2 Whlrs, 5L e-3 Whlrs, 55,000 e-4 Whlrs & 7,000 buses.
 » For e-Bus, incentives to OEMs with OPEX Business Model only

Q consulting
nandakumar's screen

Close Participants (103)

Search

- 3/ 3441877503 / Karthick R... (me)
- RV Raghavan Venkates... (Host)
- N nandakumar (Co-host)
- GS Gowri Sankar (Co-host)
- 3A 3441955501 Abdul Bazith ali...
- 3A 3441955505 Abhijith U
- A.L.Fazi Imam
- AV Athay verma
- AR Alizen Fasheed

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PRABHU L

