

One day workshop on Electric Vehicle Technology

One day workshop was conducted for our students on 19/02/2020 to motivate and enhance the knowledge in the emerging area of Electric Vehicle Technology. 100 students from various disciplines and 25 staff members were attended the workshop. Mr.M.Aravind, Lead Trainer, from Global Automotive Research centre, a division of NATRIP implementation society, under the ministry of Heavy Industries and PE, Govt of India was a guest and addressed the gathering.

Electrified Indian Mobility Mission 2030

NATRIP Driving India Into The Future

Department of Heavy Industry Ministry of Heavy Industries & Public Enterprises, Government of India National Automotive Board (NAB)

GLOBAL AUTOMOTIVE RESEARCH CENTRE

FAME SCHEME PHASE II INCENTIVES

- Rs. 10000 per kW battery pack For 2w, 3w and passenger cars.
- Rs. 20000 per kW battery pack For electric buses
- Rs. 8596 Cr Total Demand Incentive.
- Rs. 1000 Cr Incentive for setting up charging station.

5x more efficient

traditional engine 17% - 30% efficient	electric motor 90% - 95% efficient
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Lower Fuel Costs

gasoline 5.2 Lakh 7000 litres	electricity 1.3 Lakh 19400 kWh
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Less Maintenance

traditional vehicle 2000+ moving parts	electric vehicle 18 to 20 moving parts
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Decreasing battery costs

70% Decrease in EV battery prices over past 7 years

EV ECOSYSTEM

- REGULATIONS**: MHA, MoP, MoEF, etc., State Government, etc.
- CHARGING INFRASTRUCTURE**: ULBs, private entities, etc.
- POWER**: Feed and electricity payment, DISCOM
- CONSUMERS**: Public Transport, etc.
- VEHICLES & BATTERY**: OEMs, battery manufacturers, etc.

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Workshop Flex banner



Mr.M.Aravind, Lead Trainer train the students



Mr.M.Aravind, Lead Trainer with Coordinators of the Workshop

