Organised by

IEEE POWER ELECTRONICS SOCIETY Bangalore Chapter

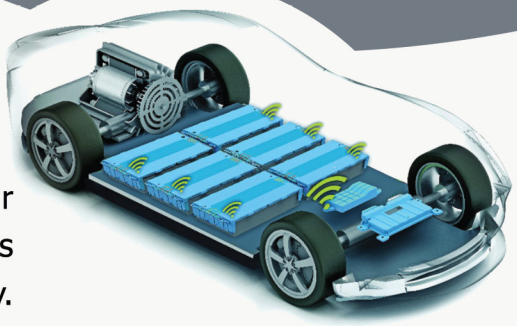
IEEE IES Bangalore Chapter

Power Train Design of Electric Vehicles

20-22 July 2023 (3 Days)

Organized by IISc Department of Electrical Engineering
IEEE PELS and IEEE IES Bangalore Chapter

COURSE CONTENT



We are witnessing a major shift towards electrification of our road transport sector. The engine of the gas-powered vehicle is replaced with an electric motor, and the fuel tank is now a battery. Refueling the tank or charging the battery requires a power electronic converter that converts the AC from the utility grid to a DC. The design of highly compact and efficient onboard chargers to ultra-high power off-board fast DC chargers is filled with numerous challenges. Power Electronics is also present in the battery management system or BMS for cell balancing. An inverter, a power electronic converter, powers the electric motor from the battery. A careful design of the inverter is necessary to meet the traction requirement and safe usage of the battery. This course will give an overview of the working and design of the BMS, charger and traction inverter by industry professionals, faculties from reputed academic institutes and IISc research students.

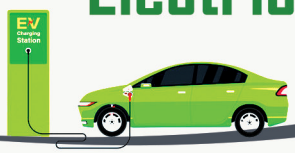
Co-ordinating Faculty:

Prof. Kaushik Basu
Associate Professor,
Department of Electrical Engineering,
Indian Institute of Science , Bengaluru

REGISTER NOW

SCAN ME

Power Train Design of Electric Vehicles



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Place of Training	:	Department of Electrical Engineering, IISc., Bengaluru
Number of participants	:	100 (Students faculties from Engineering colleges and practising engineers from industry)

₹ COURSE FEE

Student Participants	:	**Rs 2000/- + 18% GST**
Faculties from Engineering Colleges	:	**Rs 4000/- + 18% GST**
Industrial Participants	:	**Rs 5000/- + 18% GST**

Registration includes a workshop kit, lunch, tea and coffee

REGISTRATION

Registration link	:	**https://nwevtech.com/registration.php**
Registration deadline	:	15th July 2023

QR Scan

This course can be attended only by registration.
Registration will be accepted on first-come first-serve basis.

Contact Details:

Name: Prof kaushik Basu
Email: kbasu@iisc.ac.in

Name: Dr. Ashiq Muhammed
Email: ashiqm@iisc.ac.in
Mob: +91 94839 10501

Website: www.nwevtech.com