



राष्ट्रीयइलेक्ट्रॉनिकीएवंसूचनाप्रौद्योगिकीसंस्थान,कालीकट
National Institute of Electronics & Information Technology,
Calicut



सत्यमेव जयते

Ministry of Electronics and
Information Technology
Government of India

On-line Courses Prospectus

ISO 9001-2015 Certified

EV Technology & Public Charging Station

Date: 27th March 2023 –31st March 2023 (1hr daily)

Time: 4.00PM to 5.00PM

Course Description

This course initiates candidates into the emerging area of Electric Vehicles and helps learn the Basics of Battery driven Electric Vehicle and its Dynamics, Motors, Power Electronics, Batteries, Charging etc. The program consists of instructor led live lecture sessions and demonstrations.

National Institute of Electronics and
Information Technology, Calicut

[Click Here to Register](#)

Who can attend?

Any under graduate/ diploma student/ working professional/ industry people with basic knowledge of Electronics.

- Students pursuing Engineering,
- Professionals working on Electronic /Electric Industry.
- Research students
- Teaching professionals& faculties

Course Content

Session	Topic	Date
1	Introduction to EV Technology	27/03/2023
2	Motors in EV	28/03/2023
3	Batteries in EV	29/03/2023
4	Converter, Inverter, Controls & Controllers in EV. Solar Charging system.	30/03/2023
5	Charging technologies in EV, Public Charging station, Future Trends in Electric Cars	31/03/2023

Prerequisite

- Knowledge of Basic electronics and Electric Machines

Fee and important dates

Fee	Rs. 1000/- (Including GST)
Last date for registration & payment	30 th March 2023

Sharing of Link / passwords & other details	31 st March 2023
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Certificate

Certificate will be issued to all candidates who complete the program.

Minimum Requirements

- Attendees must have a computer system with a good internet connection.
- Computer System Configuration – Windows OS 7/8/10, i3/i5, 64bit processor, Minimum 4GB RAM / Mobile - Android
- Link to attend the course shall be forwarded on 31-03-2023

Faculty Profile

Qualification and experience of the faculty handling the sessions

1. **Manoj Kumar MK** – Principal Technical Officer, 29 Years of Experience

Course Coordinator

Manoj Kumar M K

Principal Technical Officer

9447433175(M), 0495 2287266- Exn-225(O)

Email: manojkumar@nielit.gov.in

Terms and Conditions

1. *In case any registered candidate could not attend the online session due to technical issue at their side there will not be any refund of the course fee and the sessions will not be repeated.*
2. *In case the online course is cancelled /postponed due to some technical issue at NIELIT side and new date is not convenient to the candidate, our liability is limited*

For more details about our institution and facilities visit us

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Autonomous Scientific Society of
Ministry of Electronics & Information Technology,
Govt. of India



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