



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: 10<sup>th</sup> March 2025 – 14<sup>th</sup> March 2025 (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	10/03/2025
2	Motors in EV	11/03/2025
3	Batteries in EV	12/03/2025
4	Converter, Inverter, Controls & Controllers in EV. Solar Charging system.	13/03/2025
5	Charging technologies in EV, Public Charging station, Future Trends in Electric Cars	14/03/2025

## Prerequisite

- Knowledge of Basic electronics and Electric Machines

## Fee and important dates

<b>Fee</b>	Rs. 1000/- (Including GST)
<b>Last date for registration &amp; payment</b>	9 <sup>th</sup> March 2025
<b>Sharing of Link / passwords &amp; other details</b>	10 <sup>th</sup> March 2025

## Certificate

Participation certificate will be issued to the candidates only those who have attended at least 3 day session / Exit test & submitted the feedback.

## 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 will be shared in the registered email on 10-03-2025,11.00am

## Faculty Profile

Qualification and experience of the faculty handling the sessions

1. **Manoj Kumar MK** – Principal Technical Officer, 30 Years of Experience

## Course Coordinator

### **Manoj Kumar M K**

Principal Technical Officer

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

Email: [manojkumar@nielit.gov.in](mailto: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 to the refund of the course fee and NIELIT shall not be responsible for any consequential damages.
3. 60% attendance/Exit test and feedback submission are mandatory for awarding 'participation' certificate.

For more details about our institution and facilities visit us

Website: <http://nielit.gov.in/calicut>

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

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