



सत्यमेव जयते

राष्ट्रीयइलेक्ट्रॉनिकीएवंसूचनाप्रौद्योगिकीसंस्थान,कालीक

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National Institute of Electronics & Information Technology.

Ministry of Electronics and
Information Technology
Government of India

Course Prospectus

(Online and One Day Case study at NIELIT Calicut)

English Medium

ISO 9001-2015 Certified

Internship on Solar Power Installation

15th – 26th September

24x7 recorded video classes and
One day case study at NIELIT Calicut

Course Description

Understanding the Solar Photo Voltaic cells parameters, Solar Power Plant System Operation. Design and Integration of Solar Power Plant part of case studies. Solar batteries, Power Protection, Earthing Grounding. Series Parallel connection. Case studies with 40KW Online Grid Tied Solar Power Plant. Solar Power Plant for Electric Vehicle Charging.

Click Here to Register

Who can attend?

Anyone who is interested in learning Solar Power System and is designed for

- Students of Polytechnic & B.Tech including those pursuing can join the course.

Course Content

Sl.No	Topic
1	Understanding solar cell parameter
2	Solar Panel Integration
3	Balance-of-System (BOS) of solar Power Plant
4	Solar System Protection (Earthing & Grounding)
5	40KW Case studies

Prerequisite (optional)

- Basic Knowledge about AC DC voltage, current, power

Fee and important dates

Course Fee	Rs. 5,000/- (Including GST)
Last date for registration & payment	15th September 2025
Intimation to students	15th September 2025

Certificate

Completion Certificate will be issued to students who maintains minimum of 50% online attendance and attend one day hands on practice. There will be online

multiple choice question test. For hands on practice Students should be present in campus at NIELIT Calicut, Kerala.

Minimum Requirements

- Attendees must have a computer system with a good internet connection.
- Computer System Configuration – Windows OS 7/8/10, i3/i5, 32/64bit processor, Minimum 4GB RAM. Or Mobile Phone
- Link to attend the course shall be forwarded on **15th September 2025**

Faculty Profile

Qualification and experience of the faculty:

C. Mohan, M.Tech with more than twenty years of Experience in Power Electronics and related areas.

Course Coordinator

Shri. C MOHAN

0495 2287266(O)

Mobile & Whatsup 9487981147 10AM to 5PM

Email: mohan@calicut.nielit.in

Click Here to Register

Term & condition

- 1. Fees paid will not be refunded*
- 2. Students should be present in the campus during hands on practice at NIELIT Calicut. There will be online test of multiple choice question.*

For more details about our institution and facilities visit us

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

Twitter: https://twitter.com/CAL_NIELIT



NIELIT Calicut

Post Box No. 5, P. O. NIT Campus,
CALICUT – 673601, Kerala

Tel. : 0495-2287266

Email : mohan@calicut.nielit.in / trng@calicut.nielit.in

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

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