रा.इ.सू.प्रौ.सं NIELIT

राष्ट्रीयइलेक्ट्रॉनिकीएवंसूचनाप्रौद्योगिकीसंस्थान,कालीकट

National Institute of Electronics & Information Technology

ISO 9001-2015 Certified

Course Prospectus

(Online 24x7 Hybrid One Day Case study at NIELIT Calicut)

English Medium

Internship on Solar Power Installation

08th June – 19th June 2026 (24x7)
Recorded Video classes (Total course duration 20 Hours)
One day case study at NIELIT Calicut

- ***Link to attend the course shall be forwarded on 08th June 2026***
- ***Attendance & Access to course will be closed on 19th June 2026 at 23:55***

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 installation with minimum qualification of 10th standard on wards 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

Fee and important dates

Course Fee	**Rs. 5,000/-** *(Including GST)*
Last date for registration & payment	**07th June 2026, 23:55**
Sharing of Link / passwords & other details	**08th June 2026**
Attendance and access to course till	***19th* June *2026*, 23:55**

Certificate

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

should be present in campus at NIELIT Calicut, Kerala or visit any installed solar power plant make case study and submit report to faculty.

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

Terms and Conditions

- ***Minimum 50% Attendance is required to issue certificate hence students after receiving link must login, after watching recorded video classes must click mark as done button for each and every video to get attendance.***
- ***Attendance will be taken up to 19th June 2026 till Time 23:55 Hrs***
- *Teaching is in English Medium only*
- ***Students can contact faculty using WhatsApp and email given above***
- *In case the online course is canceled /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.*
- ***Access to course will be blocked after 19th June 2026 23:55 Hrs***
- ***Case study should be completed within a month of course starting date submitting report after due date will not be accepted and certificate will not be issued.***

For more details about our institution and facilities visit us
Website: http://nielit.gov.in/calicut/index.php
Twitter: https://twitter.com/CAL_NIELIT

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https://www.nielit.gov.in/calicut/content/course-calendar

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Govt. of India