

National Institute of Electronics and Information Technology Gorakhpur

Name of Division: Electronics Division

Name of Course: Solar Power Installation, Operation and Maintenance

Objective: This is a skill oriented course in the study of solar photovoltaic (PV) cells, modules, and system components; electrical circuits; PV system design and sizing for use on homes, commercial building etc., understanding energy conversion from sunlight to electricity, and working with solar conversion equipment. This Course will give students the book knowledge and hands on experience needed to become entrepreneur / self employed.

Duration: 4 Weeks

Eligibility: Diploma/Any Graduates (All Streams).

Course Fees (Proposed): Rs. 1,000/- per week (+ GST)

Registration Process: Candidates have to apply in prescribed application form. The forms can be collected from NIELIT Gorakhpur centre or can be downloaded from the NIELIT Gorakhpur website. The duly filled form along with the course fees has to be submitted at NIELIT Gorakhpur centre. The Fees deposited is Non-Refundable.

Course Content:

Modules:	Duration	Contents
Module 1	4 Week	<ul style="list-style-type: none">• Basics of Electricity ,• Introduction to Solar Photovoltaic Energy,• Solar Photovoltaic,• Batteries,• Charge Controller ,• MPPT and Inverter,• Solar PV System Design and Integration,• Installing, Trouble Shooting and Safety

- * There will be 3 Hours Session per day.
- * These sessions will include Theory Classes, Demo and Practical.

Mode of Payment: Fees can be paid either by swiping debit/credit card or by challan.

For any queries and more details please contact
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