Solar Photovoltaics Technician Training Programme

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Centre for Development of Imaging Technology (CDIT), the leading Total Solution Provider (TSP) and Accredited Agency in the state has been working in the domain of Green energy & Technology, particularly in Solar Photovoltaics from 2013 onwards. We have a talented pool of trained faculty, a full- fledged solar photovoltaic laboratory and adequate infrastructure to facilitate our training activities in Solar Photovoltaics. C-DIT have been conducting various short term training programmes and residential programmes funded by NISE, MNRE, Govt. of India in Solar PV technology for different target groups and around 900 technicians/ electricians have been trained so far on design, installation and maintenance of solar PV power plants.

What do we offer?

The Green Energy & Technology Department proposes to conduct a two day training programme to the candidates having NCVT certificates in (wireman/ Electrical/ Electronics) or electricians or technicians having adequate knowledge in electrical and electronics. This two day training will be an excellent opportunity to learn with hands on experience, the design and installation process of off grid solar Power plants. This programme is specifically designed for electricians and other interested persons who are willing to undertake business in the field of Solar PV Technology.

Course Content

The following topics will be covered in the course:

- Basics of electricity and related concepts
- Basics of energy, its units, quantities of energy
- Concepts of solar cells
- Interconnection of solar cells in PV modules
- Design of PV array
- Fundamentals of batteries
- Interconnection of batteries (series and parallel connections)
- Electronics that are used in PV systems
- Design of standalone solar PV system

Eligibility

Individuals having ITI or diploma in the relevant field or individuals having electrical/electronic academic/ professional background can attend the training program.

Date of training

The tentative date of training programme is 31-07-2023 and 01-08-2023

Venue

CDIT Main Campus, Chithranjali Hills, Thiruvallom, Thiruvananthapuram 695027

Fee

The fee will be Rs. 2360/- per participant.

- Fee inclusive of GST @18%
- Fee includes course material, lunch and refreshments.
- No TA/DA or accommodation facility will be provided

Registration Details

Participants are required to register through the website www.cdit.org as soon as possible as the selection will be on first come first served basis.
QR code of the registration page is given in overleaf

Scan here for Registration

Contact Address