



केन्द्रीय शैक्षणिक एवम् तांत्रिक माहिती संशोधन समीती

CENTRAL EDUCATION & INFORMATION TECHNOLOGY RESEARCH COMMITTEE
AN AUTONOMOUS INSTITUTION REGD. BY THE GOVT. OF NCT OF DELHI UNDER ITA 1882 GOVT. OF INDIA
REGD. BY NCS-MINISTRY OF LABOUR AND EMPLOYMENT GOVT. OF INDIA
REGD. AT MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES (MSME), GOVT. OF INDIA
An Autonomous Organization works for IT, HRD & Literacy



Advance Diploma in Solar Energy Technician

As the name suggests, this training program deals with solar power systems, its installation, maintenance and operation.

This trade falls under the sector of 'energy'. This training program is being offered under different types of skill development missions and occupational standards (both National and State levels).

Photovoltaic systems are being used to produce electricity from solar energy. This technology has advanced so much so that both commercial and domestic use systems have been developed.

A photovoltaic system comprises of solar panels, wiring, switch boards, storage unit (electricity), converters, stabilizers, adapters etc. In order to reap the benefits of this system, it becomes very important to install and configure it correctly.

Installing a photovoltaic system is not an easy task. One such system consists of many components such as panels, wire, meters, switches etc. For laymen, it is difficult to install such a system correctly.

This is where a trained solar panel installation technician comes handy. He/she is trained in various aspects of installing and configuring photovoltaic systems.

SYLLABUS AND TRAINING CONTENT

The course primarily focuses on practical training. The program will train you in four main areas –

- Visiting the site and assessing the client's requirements
- Finding the appropriate photovoltaic system
- Installing the system
- Configuring the system
- Educating client about the system



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NCS-REGD. OFFICE
Govt. of India



सत्यमेव जयते

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- Ensuring safety of the system

