



AEDEI
JOB ORIENTED AND SKILL DEVELOPMENT INSTITUTE

SOLAR DESIGN TRAINING INSTITUTE

(ISO 9001:2008 CERTIFIED INSTITUTE) : NEW DELHI
(SOLAR POWER PLANT INSTALLATION TRAINING)



Email: info@advanceelectricaldesign.com • Website : www.advanceelectricaldesign.com

Contact us : + 91-8467024957, +91-7838328403

SOLAR INSTALLATION TRAINING (SOLAR DESIGN TRAINING INSTITUTE)

Basic Solar Power Plant

- Fundamentals of Installation and Safety
- Brief about PV cell technology and module characteristics
- Evaluate PV array mounting considerations
- PV array structural load calculations
- Type of solar power plant

Testing of Equipment

- PV Module Voc, Vmp Testing
- PV module string wire meggering
- DC power Cable testing
- Module mounting structure alignment
- Foundation testin
- Transformer Testing
- Transformer HT Panel
- HT Cable testing
- CT /PT testing

**Address: 107,B-39,1st Floor Near
Nirman Vihar Metro Station
Laxmi Nagar New Delhi-92**

Contect: 07531923094,08467024957

**Email-solardesigntraining@gmail.com
Web- www.solardesigntraining.com**

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Installation and Commissioning of Solar Power Plant

- Type of Utility interactive inverters and systems
- Determine PV system configuration
- Inverter Selection criteria
- Installation of PV Module
- Installation Of Inverter
- Check list of Inverter and Module
- Inverter installation planning
- Solar power plant conducting
- Solar Power Plant string Wiring
- Solar power plant series –Parallel connection
- PV module Mounting arrangement
- PV module current shorting
- String Combiner Box installation
- SCB Wiring
- Connection of MC4 Connector
- Connection of Y connector
- DC power cable installation
- KW and MW inverter Installation
- ACDB installation
- HT panel Installation
- Transformer Testing



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