



Add on Course
ROOF TOP PV SOLAR SYSTEMS
 Syllabus

Fee : Rs. 2000

Duration: 36 Hours

Total available seats: 30

Title	Learning Objective
Module 1 Introduction to the Course	<ul style="list-style-type: none"> ➤ Overview of the course ➤ India's PV Landscape ➤ Skill Council for Green Jobs
Module 2 Basics of Solar Photo Voltaics	<ul style="list-style-type: none"> ➤ Fundamentals of Solar PV energy ➤ Solar resource assessment ➤ Power plant components
Module 3 Balance of System components	<ul style="list-style-type: none"> ➤ Different Power Plant components ➤ Technical data sheets
Module 4 ON/OFF/HYBRID systems	<ul style="list-style-type: none"> ➤ Principles of different configurations of solar plant
Module 5 Solar PV Plant design concepts	<ul style="list-style-type: none"> ➤ Governing laws of solar energy ➤ Codes, standards, rules ➤ Site survey reports
Module 6 Installation of Power plants Part-I	<ul style="list-style-type: none"> ➤ Drawing preparation ➤ Site preparation ➤ Field installation of principal equipment's
Module 7 Installation of Power plants Part II	<ul style="list-style-type: none"> ➤ Field installation of BoS equipment's
Module 8 Field testing and commissioning	<ul style="list-style-type: none"> ➤ Site acceptance tests ➤ Pre-commissioning checks ➤ Test procedures
Module 9 Fault finding and Trouble shooting	<ul style="list-style-type: none"> ➤ Commissioning hiccups ➤ Fault finding methods ➤ Formats of recording
Module 10 Market business models	<ul style="list-style-type: none"> ➤ Different business models
Module 11 Maintenance of Solar PV plants	<ul style="list-style-type: none"> ➤ Preparation of maintenance schedule ➤ Maintenance of solar PV plants
Module 12 Key Performance Indicators	<ul style="list-style-type: none"> ➤ Identification of plant performance parameters ➤ Improving plant life cycle
Module 13 Field visit of participants	<ul style="list-style-type: none"> ➤ Physical product and performance Requirements

Module 14 - Group exercise	➤ Evaluation of understanding of subject
Module 15 Assessment of candidates and valedictory session	➤ Skill assessment by ANERT ➤ Feedback, observation, comments from ANERT