

Course Contents

- Solar Fundamentals
- Value Chain of Solar.
- Fundamentals of Poly Silicon Wafer, Cell & Modules.
- Manufacturing Process of Solar.
- Off Grid Projects
- Load Calculations.
- Power Evacuation Strategies from Solar Photo Voltaic Systems.
- Power Converters for Standalone & Grid Connected Solar PV Systems
- Fundamentals of Modules
- Design Parameters.
- BOM Selection.
- Solar Water Pumping System.
- Solar Net Metering Concepts.
- Business Areas.
- Subsidy Schemes.
- MW scale Projects
- Choose your right EPC Partner.
- Precautions on Land Identifications.
- Selection of Modules, Inverters, Transformers & Other BOM's.
- Design tasks for MW scale project
- Use of simulation software
- Matching array & inverter for on-grid system
- PV array design requirements as per IEC 62548
- Financial Analysis on MW Projects.
- PVSYST Analysis.
- Complete Module
- Manufacturing Process.
- AC/DC Smart Micro-grid
- **Site visit to 5MW solar grid-connected PV Power Plant**

The Training comprises of Theory, Exercises, Demonstrations, Practical & Assessment along with Evaluation & Feedback.

Eligibility

This course is designed ideally for students looking to enter solar industry. However, professionals from a range of backgrounds can also use this course to gain entry in India's booming solar industry. This program is beneficial to all Students, Academicians, Senior / Top level Management Executives from O&M staff of Solar Power Plants, Captive Power Plants, Energy Managers / Energy Auditors, Consultants and Policy Makers.

The registration fee is charged as below

Sl. No.	Category	Training Fee	Assessment Fees	* GST	Total (INR)
1	Fee for working engineers & professionals	8,500	800	1530	10,830
2	Early Bird Booking fee **	8,000	800	1440	10,240
3	For a group of 3 or more	7,500	800	1350	9,650
4	Fee for student, women participants ***	7,500	800	1350	9,650

*GST @ 18% | ** Limited to first 5 registrations
*** Limited to 10 participants on first come first serve basis.
(All figures are in INR)

The registration fees can be paid via DD/cheque or can also be directly deposited to SR's Account:

Beneficiary name: S R Corporate Consultant Private Limited, **Bank:** HDFC Bank; **Branch:** Shailendra Nagar; **Account No.:**50200014121463; **IFS Code:** HDFC0001280; **Payable at:** Raipur

Boarding and Lodging

Boarding and lodging including [Hostel stay on twin sharing basis, Lunch & Dinner] for the participants will be arranged in Hostel.

Rs. 10500/- per candidate shall be charged separately.

Important Dates

Last date of receipt of applications: 10th May, 2018.



Solar PV Installer

On Solar Photovoltaic (PV) Systems Design, Installation & Maintenance

15th May – 30th June, 2018

Organized by



**S. R. Corporate Consultant
Private Limited**

*Accredited Partner of
National Institute of Solar
Energy (NISE)*

&

*Affiliated with Skill Council for
Green Jobs*



Introduction

The role and importance of Renewable Energy Sources especially Solar Energy have been increasing significantly in recent times. Due to countries growth in infrastructure, developments, reducing availability and increasing prices of conventional energy sources have shifted focus on alternate energy sources, especially Solar Energy which is abundant across the country.

Solar energy is attracting attention in the research, industry, policy domain, and in academic institutions. Government of India is promoting solar PV systems and many institutions, companies and entrepreneurs have taken the initiative to start programs and businesses in solar energy. Also, people in the country have started feeling the need for installing solar PV systems for their Agriculture, Domestic and Commercial usage.

The course covers fundamental principles behind working of a solar PV system, use of different components in a system, methodology of sizing these components to create a well functioning solar PV system, and methodology of evaluating financial performance of a solar PV system.

The course will be delivered through power point presentations, illustrative reading materials, video clips, working examples, exercises and practical activities. Working exercise and assessment will be carried out at the end of each topic and final assessment will be done on the last day of the course.

About the Organization

SR, recognized as the industry's elite team, SR's advisory and training services provide is cutting-edge solar intelligence and analysis to some of the top companies in India. At SR, we offer quality education support for amplifying the Business, Managements and Technical Skills. This is carried out by organizing Training Camps, Workshops, Seminars, Meets and Conferences etc.

As a Skill Development Centre, Capacity building is a continuous process at SRCCL. Our first and foremost motto is, **"Spread Your Knowledge to Everyone"**. We have organized workshops on behalf of CREDA; seminar for MNRE and other training programs for different organizations. Besides this, SR has been accredited by KVIC Raipur for imparting training under PMEGP Programme for two districts of Chhattisgarh State.

We have successfully imparted training to more than a dozen batches comprising of nearly 966 candidates during last 5 years. Our courses are widely recognized and respected in the industry. SR provides after training support services to its alumni which includes opportunities to update skills and knowledge, finding employment and invitation as well as access to networking events.

Call Now to Reserve your Spot
0 7 7 1 - 2 2 4 1 4 9 9

VENUE: House No. 843, Sunder Nagar,
Opposite Abhinandan Marriage Palace, Ring
Road -1, Kushalpur, Raipur – 492 001 (C.G.)

For further details, please contact:

Mr. Durgesh Verma: 9109998038

Mr. Bhanu Pratap Bharti: 8966000278

Mr. Ankur Srivastav: 7694967707

Email Us At: srsdt@hotmail.com,
srccl@hotmail.com

Visit us for more updates at our website:
srccl.co.in

Solar PV Installer

1. Name (in block letters):
2. Designation:
3. Organization:
4. Address for communication:

5. Ph. No:
6. Email ID:
7. Aadhar No.:
8. Academic Qualification:
9. Preferred Accommodation:

Hostel Own Arrangement

10. Payment Details:

NEFT/Cheque

No : Amount:

Kindly register me for the Solar PV Installer on Photovoltaic (PV) Systems Design, Installation Maintenance to be held by S. R. Corporate Constructors Private Limited.

Place:

Date: Signature of the Applicant

Note:

- Registration form can be sent by E-mail.
- Registration form shall be accompanied with copy of Aadhar Card.