

Two Days Skill Development Program On

“Solar Resource Measurement, Assessment and Calibration”

Date: 4th and 5th , July 2017

Venue: NISE Campus, Gurgaon



About NISE:

National Institute of Solar Energy (NISE), an autonomous center of excellence of Ministry of New and Renewable Energy, Government of India, is conducting national skill development programs to meet the needs and upgrade the technical expertise of solar professionals.

Learning Objectives

- I. Learn about Solar Radiation Availability, Sun Path, and Irradiance / Insolation.
- II. Computational methods for assessment of Solar Radiation.
- III. Instrumentation and Requirements for a Solar Radiation Resource Measurement Station.
- IV. Application of Solar Radiation data, to Industry in Technology selection.
- V. Standards and Requirements for calibration of Solar Radiometers.

Participants

Scientists, Researchers, Engineers Technologists, Manufacturers of Solar Business, SNA officials , any individual wishing to know about Sun and its resource Potential.

Agenda

Day 1 (4th July 2017, Tuesday)				
Sl. No.	Session Title	Time	Session Description	Speaker
Registration and High Tea		9:30 – 10:00	Registration and High Tea	
1.1	Welcome, Introduction and Overview of the workshop	10:00 – 10:15	Overview of the workshop and orienting the participants towards the workshop goals	DG-NISE All DDGs Prof. (Dr.) H.P. Garg
1.2	Overview of Renewable Energy Program in India	10:15 - 11:15	Overview of Renewable Energy Program in India	DG-NISE/ Mr. Rahul Pachauri
1.3	Solar Radiation Availability	11:30 – 13:00	About basics of Solar Radiation & its availability.	Prof. (Dr.) H.P. Garg, Senior Consultant NISE
1.4	Solar Radiation Computation and Assessment.		Computation of Solar Radiation using different models.	
Lunch				
1.5	Solar Radiation Resource Measurement Stations in India and Interpretation of Solar Radiation Data	13:40 – 15:30	About SRRA Stations in India, Applications of Solar Resource data to Industry.	Dr. Nikhil P G, SRS, NISE.
Tea break				
1.6	Visit to SRRA Station at NISE	15:45 – 17:00	Visit to SRRA Station at NISE in two groups.	Dr. Nikhil P G/ Mr. Sachin Jain
Day 2 (5th July 2017, Wednesday)				
2.1	Importance of Solar Radiation Data in Technology Selection	10:00 to 12:00	Importance of Solar Radiation Data in Technology Selection	Mr. S K Singh, Scientist G/ Advisor to MNRE

2.2	Calibration of Solar Radiometers.	12:15 to 13:30	Standards in Calibration of Solar Radiometers	Mr. Ishan/ Mr. Ravi
Lunch				
2.3	Site Visit to Solar Calibration Laboratory	14:00 to 15:00	Site Visit	Mr. Ishan/ Mr. Ravi
2.4	Workshop Overview and Feedback	15:30 – 16:00	Q&A Session with the Delegates and Distribution of Certificates on successful completion of the workshop	DG-NISE DDGs Prof. (Dr.) H.P. Garg
***** End of Workshop*****				

Training Fee per participant*

Rs. 5,450 (Inclusive of Service Tax) *

There are a total of 20 seats per batch on first come first serve basis. Lunch, Tea will be provided during Training Programs. TA/DA will not be provided by NISE. However, Accommodation facility is available to limited participants on payment basis. (On advance request).

How to apply?

Participants may kindly make the Payment of **Rs. 5,450** through RTGS/NEFT/Bank Deposit in favor of:

Account Holder Name: National Institute of Solar Energy
Account Type: Savings Bank
Bank Name: State Bank of India
Branch: 14, Centrum Plaza Sector 56 RO , (SBI Branch Code: 11443)
Account No. 33843408697
IFSC Code: SBIN0011443

Submit your registration forms (Attached) through email (nikhilpg_mnre@hotmail.com) or through courier/speed post at the following address at least Four days before the start of training.

Deputy Director General (Skill Development)
National Institute of Solar Energy (NISE)
Gurgaon Faridabad Road, Gwalpahari, Gurgaon-122003, Haryana

Note: The participants must clearly indicate send their bank transfer details (by e-mail) in advance to the Program Director, then only, the participants could be allowed to attend the training programs.

Two-Days Skill Development Program On
“Solar Resource Measurement, Assessment and Calibration” (July 4th and 5th 2017)

Registration Form

Photograph

Kindly provide the following details during registration-

Name of Delegate/Participant :

Name of the organization :

Designation :

Contact number :

Email Id :

Address :

Accommodation Required (On Payment Basis) : **Yes/No**

Amount Transferred : **Rs.5,450**

NEFT / RTGS Number :

Bank Name & Location :

Signature of the applicant with date

Email scan copy of filled in registration form to nikhilpg_mnre@hotmail.com

For any queries please contact between 11:00 am to 5:00 pm during weekdays:

Dr. Nikhil P G, Senior Research Scientist (Lead Coordinator)

nikhilpg_mnre@hotmail.com, Ph: 9560113132

Mr. Rahul Pachauri, Junior Research Scientist (Coordinator) Ph-09990709444

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