

Two-Day Skill Development Program On

“Solar Resource Measurement, Assessment and Calibration”

Date: 5th -6th May 2016

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 Sun, and Irradiance / Insolation.
- II. Computational methods for assessment of Solar Radiation.
- III. Instrumentation and Requirements for a Solar Radiation Resource Measurement Station.
- IV. Qualitative processing of Solar Radiation Data.
- V. Application of Solar Radiation data, and its prediction from Satellite imageries.
- VI. Standards and Requirements for calibration of Solar Radiometers.

Target Audience

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

Agenda

Day 1 (5 th May 2016, Thursday)				
Sl. No.	Session Title	Time	Session Description	Speaker
Registration and High Tea		10:00 – 10:30	Registration and High Tea	
1.1	Welcome, Introduction and Overview of the workshop	10:30 – 11:00	Overview of the workshop and orienting the participants towards the workshop goals	DG-NISE Mr.S.K.Singh Dr. N.B. Raju Prof. (Dr.) H.P. Garg
1.2	Solar Radiation Availability	11:00 – 12:30	About basics of Solar Radiation & its availability.	Prof. (Dr.) H.P. Garg, Senior Consultant NISE
1.3	Solar Radiation Computation and Assessment.	12:30 – 13:30	Computation of Solar Radiation using different models.	
Lunch		13:30 – 14:30	Lunch	
1.4	Solar Radiation Resource Assessment Stations in India and Interpretation of Solar Radiation Data	14:30 – 15:30	About SRRA Stations in India	Dr. Nikhil P G, SRS, NISE
Tea		15:30 – 15:45	Tea	
1.5	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
***** End of Day 1*****				

Day 2 (May 6 th 2016, Friday)				
Sl. No.	Session Title	Time	Session Description	Speaker
2.1	Application of Satellite imagery for prediction of Solar Irradiation data	10:00 to 11:00	Solar radiation from Satellite imagery	Expert from NRSC, Hyderabad
Tea		11:00 – 11:15	Tea	
2.2	Importance of Solar Radiation Data in Technology Selection	11:15 – 12:30	Importance of Solar Radiation Data in Technology Selection	Mr. S K Singh, Scientist G/DDG, NISE.
2.3	Quality Assessment of SRRA Data	12:30 – 13:30	Quality procedures adopted in the processing of SRRA Data	Expert from NIWE, Chennai.
Lunch		13:30 – 14:00	Lunch	
2.4	Calibration of Solar radiometers	14:00 – 15:00	Various methods involved in the calibration of Solar Radiometers	Mr. Ravi/Mr. Ishan , SECI
Tea		15:00-15:15	Tea	
2.5	Visit to Solar Radiation Calibration facility at NISE	15:15- 16:00	Visit to Solar Radiation Calibration facility at NISE	Mr. Ravi/ Mr. Ishan , SECI
2.6	Workshop Overview and Feedback	16:00 – 16:30	Q&A Session with the Delegates and Distribution of Certificates on successful completion of the workshop	DG-NISE Mr.S.K.Singh Dr. N.B. Raju
End of Workshop				

Training Fee per participant*

Rs. 5,750 (Inclusive of Service Tax) *

There are a total of 30 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. 5,750** through RTGS/NEFT/Bank Deposit in favor of:

Account Holder Name: NISE Skill Development
Account Type: Savings Bank
Bank Name: State Bank of India
 Branch: DLF Qutab Enclave, Gurgaon , (SBI Branch Code: 6604)
Account No. 35245666110
IFSC Code: SBIN0006604

Submit your registration forms (Attached) through email (skill.nise@gmail.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-Day Skill Development Program On

“Solar Resource Measurement, Assessment and Calibration” (May 5th – 6th 2016)

Registration Form

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 of Rs.690 per night) : Yes/No

Amount Transferred : **Rs.5750**

NEFT / RTGS Number :

Bank Name & Location :

Signature of the applicant with date

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

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

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

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