Date: 20th to 24th April, 2017 Venue: NISE, Gurugram

# 5-Days Training Program
# On
# "Performance Evaluation and O&M of Solar Thermal Systems"

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. Basic Concept of Solar Thermal Energy Collectors
II. Solar Thermal Power System
III. Solar Thermal Space Heating and Cooling
IV. Details Specifications and Thermal Performance and O&M of Solar Thermal Systems
V. Performance Evaluation and O&M of Solar Desalination Systems
VI. Key Implementation Requirements, Standards, Regulations and Procedures of solar thermal systems
VII. Design, fabrication and installation of solar thermal systems
VIII. Financial issues, economics analysis and payback period of solar thermal systems and solar water heating systems
IX. Hands on experience of solar thermal systems

## Participants

Solar Entrepreneurs, MNRE channel partners, Senior Energy Department Officials of Govt. of India, Faculty members, Research Scholar in the field of Mechanical Engineering, Renewable Energy, Solar Energy and Officers from state Government and state Nodal Agencies etc.

## Training Fee per participant*
## Rs 4,000 plus Service Tax of 15%

** There are a total of 40 seats per batch on first come first serve basis. Lunch, Tea will be provided during Training Programs. Accommodation, TA/DA would not be provided by NISE.*

## Speakers:

| List of anticipated resource persons / experts | | | |
|---|---|---|---|
| **Sl. No.** | **Name of key Experts** | **Affiliation** | **Name of Organizations** |
| 1 | Sh.S.K.Singh | Director General | National Institute of Solar Energy |
| 2 | Prof. H.P.Garg | Senior Consultant *(Former Prof. and Head, CES, IIT Delhi)* | National Institute of Solar Energy |
| 3 | Mr.Abhilakh Singh | Manager (Technical) | IREDA |
| 4 | Dr. Ahmar Raza | Senior Consultant *(Former Director Ministry of New and Renewable Energy)* | National Institute of Solar Energy |
| 5 | Dr. M.R.Nauni | Senior Consultant *(Ex-Advisor Ministry of New and Renewable Energy)* | National Institute of Solar Energy |
| 6 | Dr. A.K.Singhal | National Project Manager | UNDP-GEF, India |
| 7 | Dr. Anil Mishra | National Project Manager | UNIDO-GEF, India |
| 8 | Mr.J.S.Solanki | General Manager | Godawari Green Energy |
| 9 | Mr. Deepak Gadhia | Chief Mentor | EnerSun Power Tech Pvt. Limited |
| 10 | Mr. Prasant Mishra | Manager | Burgeon Group |
| 11 | Mr. Umakant Sahoo | Research Scientist | National Institute of Solar Energy |
| 12 | Miss Anju Singh | Senior Research Scientist | National Institute of Solar Energy |
| 13 | Mr. Lokesh Rana. | Senior Research Scientist | National Institute of Solar Energy |

## Key persons of Lab Visit and other Scientific Activities:

| List of anticipated experts | | | |
|---|---|---|---|
| **Sl.No.** | **Name of key persons** | **Affiliation** | **Name of Organizations** |
| 1 | Mr. Senthil Kumar | Junior Research Scientist | NISE,UNDP-GEF, India |
| 2 | Mr. Vikrant Yadav | Junior Research Scientist | NISE,UNDP-GEF, India |
| 3 | Mr. Prakash Jha | Junior Research Scientist | National Institute of Solar Energy |

# Registration Form

## "Performance Evaluation and O&M of Solar Thermal Systems"

20th to 24th April, 2017

Kindly provide the following details during registration-

*Affix Recent Passport size Photograph*

Name of Delegate/Participant :

Name of the organization/Institution :

Designation :

Contact number :

Email Id :

Address :

NEFT / RTGS Number :

**Payment Details: (Kindly make your payment through RTGS/NEFT) in favor of:**

Account Holder Name : National Institute of Solar Energy
Account type : Saving Bank
Bank Name : State Bank of India
Branch : 14 Centum plaza, Sector-56,Gurgaon
Account No. : 33843408697
IFS Code : SBIN0011443
MICR Code : 110002460

Kindly keep scanned copies of the NEFT copy for your reference, after sending the Internet banking/NEFT transfer to us.

**Briefly Write, what you are expecting to gain after attending the 5 days training program on "Performance Evaluation and O&M of Solar Thermal Systems" & how it going to help in your work in the present position.**

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## Contact Information:

Registration forms details with payment receipt can be sent through only following email: training.thermal@gmail.com or uk.sec.mnre@gmail.com. **The last date for registration is 15th April 2017.**

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

- Mr. Umakanta Sahoo (Program Director, RS, Solar Thermal) - Mob: 8802760453
- Mr. Vikrant Yadav (JRS, Solar Thermal) - Mob:9996559252
- Mr. Senthil Kumar (JRS, Solar Thermal) -Mob:9629970305

*Notes:*

- *In case of the Participants are less than 10 (in case of batch of 40), then, NISE has a right to cancel the course. The fee already paid shall be adjusted for the upcoming sessions at NISE.*

- *Women are strongly encouraged to apply.*

- *Please note that this is a tentative schedule only; NISE reserves the right to modify / change these dates at any time.*

- ***NISE has residential accommodation for person's upto 25, subjected to availability. The room charges are Rs 600 per night + 15% Taxes. Dining charges shall be extra. For booking of accommodation please contact Mr Deepak Mathur, Consultant (Mob: +91-99291 07044) or Mr. Dillip Kumar (Mob: +91-8130778897)***

## How to Reach NISE

NISE is located in a 200 acres campus on Gurgaon-Faridabad Highway. It is appox 10 KM from Guru Dronacharya Metro or Sikanderpur Metro . Radio Taxies / Autos are available from these Metros to NISE and vice versa. When you are coming from Gurgaon to NISE, NISE is located on the left side of the Highway. It is just on the Highway.

If you are coming from Delhi by Car on Mehrauli – Gurgaon Road, after crossing Arjan Garh Metro and crossing Haryana Border take a left turn towards Faridabad at Le Meridien Hotel or at Metro Pillar No. P-14. From this point NISE is located approx at 10 km distance.

If you are planning to come from Faridabad side, NISE is located just 4 km after crossing toll gate on Faridabad-Gurgaon Highway. You would find NISE on the right side of the High Way

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