

Course Outline and Objectives:

Renewable energy systems are an emerging discipline in the power systems area. Further, large and small renewable energy systems like photovoltaic based grid connected units are already gaining popularity in many places. Understanding the basics of the systems like, panels, inverters, grid interfacing to the existing grid. This training program aims to train participants of installation, operation and maintenance of the solar PV systems.

Course Contents:

1. Introduction to renewable energy sources
2. Basics of solar photovoltaics and thermal
3. Introduction to power electronics application to solar PV
4. Energy storage
5. PV installation, operation and maintenance

Course Organization:

The course consists of lectures, lab visits, field visits (includes IISc Challekere campus solar field) and technical discussions. IISc Faculty and experts from industry and R&D Institutes will deliver the lectures.

Eligibility:

The course is meant for lecturers/teachers of degree/engineering colleges/industry and unemployed persons having minimum qualification of Diploma/BE/BSc. Selected participants will be paid TA at actual, subject to the limit of Three tier AC train/bus fare by the shortest route from the place of work to Bangalore and back as per rules. They will be provided lodging only for the duration of the course.

Note: few seats are available for teachers, practicing engineers from Utilities, R&D organizations, industries and other interested in this course who are not selected in the list of 20. A course fee of Rs.10,000/- will be charged to these participants (accommodation will be NOT be provided)

Non-sponsored applicants & others should send their application along with a DD for Rs.10,000/- drawn in favour of "Registrar, Indian Institute of Science, Bangalore-560012" payable at Bangalore.



**Interdisciplinary Center for Energy Research
Indian Institute of Science
Bangalore – 560 012**



**Training Program On
SOLAR ENERGY SYSTEMS**

Registration Form

1. Name.....
2. Age: Sex: Male/Female
3. Address.....
.....
.....
4. Mobile.....
5. Email ID.....
6. Academic Qualifications: Degree.....
SubjectYear.....
University.....
7. Professional Experience.....
8. Presently working at:.....
.....
9. Accommodation required Yes/No
10. Attending

1) 22 nd to 26 th January 2018	<input type="checkbox"/>
2) 19 th to 23 rd February 2018	<input type="checkbox"/>
3) 19 th to 23 rd March 2018	<input type="checkbox"/>

I agree to abide by the rules of the courses. If selected, I shall participate in the course for the entire duration.

Date / Place:

Signature

The applicant Mr/Ms/Dr.....

.....
Is suggested to attend the either of 1st, 2nd or 3rd batch training program on “**Solar Energy Systems** (Operations and Maintenance)” at the Indian Institute of Science, Bangalore, if selected for the same.

Recommended/Forwarded by

Name:

Seal

Place:

Date:

Kindly Note:

- (i) Applications should be forwarded through proper channel.
- (ii) In case of unemployed, self attestation of the registration form with details of qualification etc, may be sent.
- (iii) No. of participants to be selected is limited to: **20 (Twenty only)**
- (iv) There will be no Registration fees for the selected candidates.
- (v) Selected candidates will be informed through email/message.

Please mail this application to:

The **Coordinators**
Interdisciplinary Center for Energy Research
Indian Institute of Science
Bangalore 560 012

Email: iiscsolar.field@gmail.com

Applications to reach on or before the respective workshops as below

- 1.) 10th January 2018
- 2.) 10th February 2018
- 3.) 10th March 2018

Application

Intending participants may use the this application form or a Xerox copy of the same.

Training Program

On

SOLAR ENERGY SYSTEMS

22nd to 26th January 2018
19th to 23rd February 2018
19th to 23rd March 2018

Coordinators

Dr. Subba Reddy B & Dr. Praveen C. Ramamurthy

**Inter Disciplinary Centre for Energy Research
Indian Institute of Science,
Bangalore-560012, INDIA**

Sponsored by

