

“Training Program on Solar Energy Systems”

(HAL-IISc Skill Development Program)

Course duration: 4th to 8th Jan 2021

Course Coordinator: Dr Subba Reddy B

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Introduction:

Renewable Energy System is an emerging area in the Power Systems. Solar Energy is a major Renewable Energy Source with the Potential to meet many of the Challenges facing the world. There are many reasons to promote its share in the Energy Demand. Solar Energy is increasingly becoming popular because it is versatile with several benefits to people and the Environment.

The planned course Program helps in understanding not only the Basics of Systems like, Solar Cell, Panels, Inverters, Grid Interfacing to the Existing Grid. Also, aims at Estimation, Installation, Operation and Maintenance, Policy framework of the Solar Power Systems etc.

Whom the Course will benefit? / Eligibility

Middle and Senior level Engineers/officials from Utilities, Industry, R&D Centers, Govt organizations, Faculty of Engg Institutes, Graduated Engineers etc.

Course Objective:

To enhance Knowledge Pertaining to the Renewable Energy Sources, Solar PV, Solar Thermal, Modelling, PV Characterization, Energy Storage, Grid Operation, Policy framework etc.

Course Contents:

- Introduction to various Renewable Energy sources
- Basics of Solar Photovoltaics and Solar Thermal
- PV Characterization
- Introduction to Power Electronics, Design of Inverters, converters
- Application of Solar PV and Solar Thermal
- Energy Storage
- PV Estimation, Installation, Grid Operation and Maintenance.
- Policy framework, Health safety and environment

The Course Consists of Technical lecturers, Virtual/Vedio demonstrations.

Lectures:

Lectures will be delivered by Institute Faculty members / Research Scholars

Course fee: Rs. 1000 INR (Rs One thousand only)

Participants will be entitled for an e certificate and will receive softcopy of the course material.

Details of Bank accounts (A/c holder: Registrar, IISc)

Name of the Bank	CANARA BANK
Bank Branch (full Address)	INDIAN INSTITUTE OF SCIENCE, SCIENCE INSTITUTE POST OFFICE BANGALORE – 560 012
Bank Account Number	0683201000073
Type of Bank Account	Current Account
Telephone Number of Bank	080-23600934
Mode of Electronic Transfer Available in the Bank – ECS/RTGS/NEFT/CBS	RTGS – IFSC CODE NO. CNRB0000683
SWIFT CODE	CNRBINBBLFD 0683201000073
MICR Code of the Bank	560015023

Registration Form: Course duration: 4th to 8th Jan 2021

Name in Block letters	
Affiliation	
Designation	
Email	
Mobile No	
Registration fee paid details	

Please send the Registration along with payment details to: office.sdc@iisc.ac.in or hvereddy@gmail.com

Course duration: 4th to 8th Jan 2021

Last date for Registration: 2nd Jan 2021
