

National Institute of Solar Energy (NISE)

(Ministry of New and Renewable Energy, Govt. of India)

sponsored

Rooftop Solar Grid Engineers Course

II Batch (Mach 15 –26, 2019)

Registration Form

Participant Details-

PHOTO

Name: _____

Designation: _____

Date of Birth: _____

Address for correspondence: _____

District: _____ State: _____ PIN: _____

E-mail: _____

Phone/ Mobile Number: _____

Adhar Number: _____

Educational Qualification: _____

Work Experience (Years): _____

Organization Details (If Any)-

Name of the organization: _____

Address of the Organization: _____

Contact No. _____

E-mail: _____

(Signature of Applicant with Date)

Chief Patron

Hon. Dr. Abhay Wagh

Director, Directorate of Technical Education,
M.S.Mumbai

Patron

Hon. Shri. Gulabrao R. Thakare

Jt. Director, Directorate of Technical
Education, Nagpur Regional Office, Nagpur

Convener

Prof. Dr. M. B. Kumthekar

Principal
Govt. College of Engineering Nagpur

Advisory Committee

- Dr. D.R.Das, Advisor MNRE
- Dr. Swati Agariya, Jr. Research Scientist
- Dr. Madhuri Chaudhari, VNIT Nagpur
- Dr. P.K.Katti, BATU Lonere
- Mr. Rajesh Mishra, MITCON, Nagpur

Coordinators

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Professor
Deptt. of Electrical Engineering
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Dean (R&D) and Associate Professor
Deptt. of Applied Mechanics
Govt. College of Engineering Nagpur

“Cradle of Technical Excellence”



Govt. College of Engineering Nagpur

(Under Directorate of Technical Education
Govt. of Maharashtra)



**NISE Sponsored Two Weeks Training
Course**

**On
Rooftop Solar Grid Engineer**

II Batch (March 15 – 26, 2019)

Supported by,

**Ministry of New and Renewable
Energy, Govt. of India**



Organized by-

**Department of Electrical Engineering
Govt. College of Engineering,
Sector 27, MIHAN Rehabilitation Colony
Khapari (Rly), Nagpur (M.S.) – 441 108
web: www.gcoen.ac.in**

ABOUT THE INSTITUTE:

Government College of Engineering, Nagpur was established in 2016. It is affiliated to Rashtrasant Tukdoji Maharaj Nagpur University Nagpur and offers five UG programmes in engineering disciplines. The institute has its own campus spread over 11.5 acres of land. In a short period, the college has developed a reputation in Maharashtra and has aimed to achieve the goals as per the Vision. The Institute has established the bonds a premier institute of India, catering to the needs of industries, public sector undertakings, institutes and community in general.

The Institute offers Bachelor of Engineering in Civil, Mechanical, Electrical, Electronics & Telecommunication and Computer Science & Engineering.

This young institute has already conducted many workshops and training programmes for technical upgradation of students, faculty as well as nonteaching staff.

The Institute is very successfully conducting Surya-Mitra programme (a skill development training program for solar equipment maintenance), in association with MITCON. The fourth batch of this programme is under progress

ABOUT THE COURSE:

The Indian Solar Power sector added 9.0 GW solar capacity in 2017-2018, with decrease in the average current price of solar electricity compared to coal-fired power plant. This huge annual growth of Indian Solar Power along with technological advancements and sophistication resulted in demand of trained manpower. The knowledge acquired from various sources provides basic foundation, which needs to be supplemented with the development of Skills related to Solar Energy.

Government of India has set a target of 40 GW installations of Rooftop Systems in the country by 2022. This calls for availability of trained manpower for installation, Operation & Maintenance of Rooftop Systems. In this regard, NISE has launched a 10-days Rooftop Grid Engineer Skill Development program with Target audience as Graduate Engineers with basic knowledge of Electrical Concepts. With the successful conduction of the first batch between 21st Jan- 31st Jan 2019, the Institute is now prepared to conduct the course for second batch between 15th-26th March 2019

COURSE CONTENTS:

- Understand the basics solar energy and concept of Rooftop solar , GCRT (Grid connected rooftop solar)
- Survey a rooftop solar PV installation site,
- Understand all equipment related to the rooftop solar PV system, Management for installation of a rooftop solar PV system
- Design a rooftop solar PV system as per Customer's requirements as well as appropriate codes and standards,
- Prepare the necessary technical documents related to the design, installation and operation of the rooftop PV system,
- Install a rooftop solar PV system based on the relevant designs and drawings
- Post commissioning inspection of the Grid Connected Rooftop Solar PV Power Plant.
- Operate and maintain a rooftop solar PV system including identification and troubleshooting of faults, Undertake project National and State Policies for Grid Integrated SPV Power Plants
- Different Metering mechanisms and Key Implementation Requirements, Standards, Regulations
- Understand necessary formalities with authorities for applications, submissions, approvals, interconnections, inspections, certifications, commissioning, etc.
- Pre commissioning inspection of the Grid Connected Rooftop Solar PV Power Plant

ELIGIBILITY:

Graduate Engineers with basic knowledge of Electrical Concepts; Solar Entrepreneurs; Diploma/Polytechnic plus 5 years of experience; Public Sector Undertaking Officials; EPC contractors; MNRE channel partners; Senior Energy Department Officials of Govt. of India and Officers from State Nodal Agencies etc. Full time teachers of any discipline from AICTE approved Engineering Colleges/ University departments are eligible to apply.

REGISTRATION:

Scanned copy of Registration form should be sent by mail to the mail ids mentioned in contacts or by post to the office latest by 12th March 2019 up to 11.00 am. No registration fee is charged.

SELECTION CRITERIA:

The enrolment in the course will be done on "First Come First Serve" basis. Preference will be given to Female candidates. List of selected candidates will be available on official website on 13th March 2019 at 5.00 pm.

ACCOMODATION TA/DA:

The course is non-residential. No TA / DA will be provided by this institute to any participant. Lunch along with refreshments will be provided by the Institute to the candidates.

CONTACTS:

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