

## REGISTRATION FORM

Full Name: .....

Age: ..... Sex: .....

Qualification:.....

Designation: .....

Department: .....

Institute/College/University:.....

.....

Experience (in years): .....

Address for Correspondence:.....

.....

.....

Phone No.: .....

Mobile No.: .....

E-mail:.....

Accommodation required: Yes / No

Date:

Place:

Signature of Applicant:

\*Fill and email the above registration format to,  
Email id:- events.ee@itgopeshwar.ac.in

## ABOUT THE COURSE

As electricity is one of the earliest incarnation, which impact the human life in diverse way. Hence, this course highlights the innovations in the most emerging source of power i.e. solar energy. In this FDP, recent trends in solar based applications are highlighted. Moreover, solar thermal technologies, recent trends in research, and the optimisations required are also roofed. This course also holds several lab session that target the basic knowledge of the functioning of a PV and thermal system. Several tools used for the designing and analysis are also showcased by several professionals.

### PATRON

Prof. K.K.S MER  
(Director, I.T Gopeshwar)

### ADDRESS OF CORRESPONDENCE

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# TEQIP-III

**Sponsored  
One Week FDP  
On**

**Innovations**

**In**

**Solar Based Application**

**and Recent Trends**

**(11-15 June 2018)**

**Organized by**



**Department of Electrical and Mechanical  
Engineering  
INSTITUTE OF TECHNOLOGY  
GOPESHWAR**

**(A Constituent Institute of Uttarakhand Technical University)**

Kothiyalsain, Chamoli-246424,(Uttarakhand)

Website: [www.itgopeshwar.ac.in](http://www.itgopeshwar.ac.in)

### ABOUT THE INSTITUTE

I.T Gopeshwar established in 2013 by Government of Uttarakhand as, constitute Institute of Uttarakhand Technical University. It is situated in the heart of distt. Chamoli, 7 Km from district headquarter Gopeshwar and on Gopeshwar-Guptkashi National Highway at the bank of the divine river Alaknanda.



It is well connected to all major cities of India, by road, rail and by air. Nearest railway station being Rishikesh which is 205kms from Chamoli and the nearest airport is in Jolly grant Dehradun which is 221 km from the Institute. The institute provides the perfect ambience to the students to pursue their academic interests and push the realm of innovation. Campus is designed with state of art laboratories, world class academic and research facilities & library which foster innovative teaching, learning and personal care to the student. Institute work in the direction of strengthening its quality through the Technical Education Quality Improvement Programme (TEQIP-III), by MHRD, New Delhi.

### TARGET AUDIENCE

Faculties from Indian Universities, Engineering Institutes, Polytechnics and ITI's.

*\*Number of Participants are 50 only, and the registration are done through Email and completely based on first come first serve basis.*

### IMPORTANT DATES

Last Date of Registration.....05 June 2018

### REGISTRATION DETAILS

This course is free for all the participants. Accommodation is also free and should be booked only by prior information.

### PLACES OF TOURIST INTEREST

Chamoli district of Uttarakhand is famous for its tourist places. **Shri. Badrinath Dham** the temple of Lord Vishnu is among the four Dhams of India which is one of the most popular religious places of India and 101 Km far from College. **Tunganath, Rudranath** temples among Panch Kedar's famous for its religious values and its beauty is just 24 km from College. **Valley of flower (Nanda Devi Bio Reserve)** a tourist spot at a distance of 50 km from Chamoli. **Kedarnath** temple of lord Shivais among the 12 Jyotirlingas is just 110 km from College. Whereas, only 21 Km the visitor can raid **Chopta**, which is famous for its scenic beauty.

### ORGANISING COMMITTEE MEMBER

1. Mr. Abhishek Aggarwal  
(Organizing Secretary)
2. Mr. Dinesh Chauhan  
(Co-Organizing Secretary)
3. Mr. Jagnandan Negi
4. Mr. Kavita Goswami
5. Mr. Ramesh Meesala

6. Mr. Rahul Sagwal
7. Mr. Hemant Chauhan
8. Mr. Arun Negi
9. Mr. Divya Prakash
10. Dr. Hemant Kumar Singh
11. Mr. Ravinder Bohra
12. Mr. Vaibhav Sharma

### KEY HIGHLIGHTS

- Need of Renewable Sources in Current World.**
- Importance of Solar based Sources among other Renewable Sources.**
- Innovations in Solar Based Applications.**
- Structure of a Solar Power System.**
- Solar PV Module and Array Designing.**
- Importance of Parameter Estimation in Solar PV.**
- Scope of Research and Development in the field of Solar Based Power and Thermal Systems.**
- Implementation of Optimisation Techniques for the Analysis of Solar based Systems.**
- Tools Available for the Designing and Analysis of Solar based Power Systems.**