

DTE sponsored STTP
On
**ADVANCES IN OFFGRID & GRID TIED
SOLAR PV SYSTEMS
(AOGSPS 2017)**

13-03-2017 to 17-03-2017

Registration Form

Name :
Gender(M/F) :
Designation :
Qualification :
Specialisation :
Official Address :

Telephone :
Mobile :
Email :
Food Preference : Veg/Non-Veg

Date: Signature of Applicant

Sponsorship Certificate

Certified that the institute has no objection to sponsor Sri / Smt (Name and Designation) for the STTP on 'ADVANCES IN OFFGRID & GRID TIED SOLAR PV SYSTEMS (AOGSPS 2017)' during 13-03-2017 to 17-03-2017 at Govt. College of Engineering Kannur. If selected, he/she will be permitted to attend the course fully.

Place:
Date : Signature of the
Head of Institution

Office Seal

REGISTRATION

Registration can be done either online at <http://gcek.ac.in/fdpeee> or by sending a scanned copy of the application form to fdpeee@gcek.ac.in

A hard copy of the duly filled application form signed by the sponsoring authority should be produced during the registration on the first day of the program

REGISTRATION FEE

There is no Registration fee for the participants.

IMPORTANT DATES

Deadline for online registration:
March 06, 2017

Intimation to selected participants:
March 07, 2017

COORDINATORS

Dr. Baburaj.P
Course Coordinator
Department of EEE
Mob : 9497349095
Email: baburaj@gcek.ac.in

Mr. Bijesh.R
Centre Coordinator
Faculty & Staff Development Training -
Centre, GCE Kannur.
Mob: 9539144860

Short Term Training Programme

On

**ADVANCES IN OFF GRID &
GRID TIED SOLAR PV SYSTEMS
(AOGSPS 2017)**

13-03-2017 to 17-03-2017



Organised by

**FACULTY & STAFF DEVELOPMENT
TRAINING CENTRE**
GOVT. COLLEGE OF ENGINEERING KANNUR

Coordinated by

**DEPARTMENT OF ELECTRICAL &
ELECTRONICS ENGINEERING**
www.gcek.ac.in

Sponsored by



DTE KERALA
Directorate of Technical Education Kerala

About the institute and Department

The institute is functioning in a large 75-acre unified academic complex, having sound and self-sufficient infrastructure, at Mangattuparamba, 15 km from the headquarters of Kannur district. The **Department of Electrical and Electronics Engineering** started its functioning along with the establishment of the college in the year 1986. The department has been established with the firm commitment of developing and producing quality Electrical and Electronic Engineers with high-technical knowledge and good practical basis, combined with leadership skills and decision making capabilities. The department offers an undergraduate B.Tech Programme in Electrical & Electronics Engineering, post graduate M.Tech Course in Power Electronics and Drives and also doctoral programmes under the APJ Abdul Kalam Kerala Technological University.

Vision

A centre of quality education in Electrical Engineering & enrich the youth with sound technical knowledge to intellectually power tomorrow's world in the service of humanity.

Mission

To elevate the infrastructural facilities and impart latest technical knowledge and competency to the students, enabling them to take up a successful career in industry, research and academia or as an entrepreneur, thus contributing to the overall development of the society.

About the Course

The course focuses to equip the participants in different areas of Solar PV Systems, Off grid and On grid installations, Smart grid etc. The course also aims in enhancing the knowledge of independent researchers in academic institutions and other R&D organizations.

Resource persons

Experts from industries, IITs and engineering institutions.

Course contents

- ◆ Fundamentals of Solar Systems
- ◆ Overview of PV Installations
- ◆ Controllers and Invertors
- ◆ Off grid & On grid Installations
- ◆ Smart grid systems
- ◆ Power Quality
- ◆ Solar Radiation Assessment



Expected Outcomes

After successful completion of the course every participant is expected to achieve the following outcomes

- ✓ Understand the fundamental Solar PV Modules and Panels
- ✓ Identify the recent advances in Solar system Installations
- ✓ Understand the challenges in Off Grid and Grid Tied Systems
- ✓ Obtain an overview of charge controllers and invertors
- ✓ Basic understanding of Solar radiation assessment and get hands on experience for Solar Panels
- ✓ Understand Power Quality and Smart Grid systems

Who Can Apply

Faculty members & Technical Staff from Govt./ Aided/ Self Financing Engineering Colleges, Poly Technic Colleges and other Technical Institutions. (EEE/ECE/ME/CE/CSE Branches)

TA/DA. FOOD & ACCOMMODATION

Working lunch, Tea and snacks will be provided for all during the days of STTP

TA/DA will be provided as per Govt. norms to staff from Govt./Aided institutions.

Free Accommodation will be arranged for outstation participants.