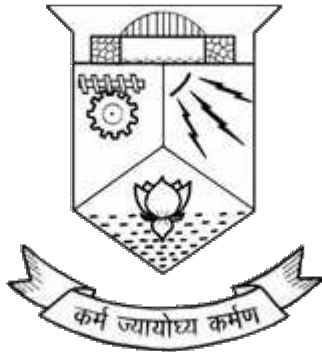


Faculty Development Programme
on

**Operation and Control of
Modern Power Systems**
(24–29 July 2017)

Sponsored by
**Director of Technical Education
Govt. of Kerala**

Organised by
**Dept. of Electrical Engineering
College of Engineering Trivandrum
Thiruvananthapuram
Kerala - 695 016
www.cet.ac.in**



**Co-ordinator
Dr. R. M. Shereef**

Registration Form

Name :

Designation :

Official Address :

Mobile No. :

e-mail :

Qualifications :

Experience :

Food Preference : Veg / Non-Veg

Declaration

I hereby declare that the information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the programme. If selected, I shall attend the course for the entire duration. I also undertake the responsibility to inform the co-ordinators sufficiently in

advance, in case I am unable to attend the course.

Place:

Date: Signature of the applicant

Sponsorship Certificate

Certified that Mr./Ms./Dr.

is an employee of this institution and is hereby sponsored for the FDP on *Operation and Control of Modern Power Systems* at *College of Engineering Trivandrum* during 24–29 July 2017. If selected, he/she will be permitted to attend the course.

Place:

Date: Name & Signature of the Sponsoring Authority

(Seal of the Institution)

Address for Correspondence

Dr. R.M. Shereef,
Associate Professor,
Dept. of Electrical Engineering,
College of Engineering Trivandrum,
Engineering College P. O. ,
Thiruvananthapuram – 695 016
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- **College of Engineering Trivandrum**
College of Engineering Trivandrum was established in 1939 as the first engineering college in the then Travancore state. Over the past 77 years it has grown to the most sought-after institute of engineering studies in the state of Kerala. The College has eight full-fledged engineering departments offering undergraduate, post-graduate and Ph. D. programmes under the University of Kerala and APJ Abdul Kalam Technological University. The College has more than 3500 students, 285 teaching staff and 290 non-teaching staff. Ever since the inception, the college has maintained its commitment to high quality education. It has a vast and strong alumni base, spread across the globe.
- **About the Department**
Department of Electrical Engineering, College of Engineering Trivandrum began its operations along with the establishment of the college in 1939. The department offers an undergraduate B.Tech. programme in Electrical & Electronics Engineering and four M. Tech. programmes (Control Systems, Power Systems, Electrical Machines and Guidance & Navigational Control). The department is recognised as a QIP centre for Ph. D. programme

by the Ministry of Human Resources Development.

- **Objectives of the Programme** This FDP is aimed to impart knowledge about operation and control of modern power systems, especially in the scenario of increasing penetration of renewable energy in the total energy mix.
- **Course Content**
 - Economic dispatch of thermal units and methods of solution
 - Unit Commitment
 - Generation with limited energy supply
 - Hydrothermal coordination
 - Control of generation
 - Power system security
 - State estimation in power systems
 - Optimal power flow
 - Operation of power systems with increasing RE penetration
- **Resource Persons** The resource persons are faculty members from College of Engineering Trivandrum and other reputed academic institutes.
- **How to Apply**
No. of seats is limited to 30. The application included herewith or in a similar format, duly recommended by the

Head of the institution should reach the co-ordinator on or before 18 July 2017. Advance copy of the application may be sent through e-mail. The selected candidates will be intimated through e-mail.

- **Eligibility**

Faculty members from AICTE approved Engineering Colleges and Polytechnic Colleges are eligible to apply.

- **Fee**

There is no fee for participants from Government/Aided/Govt. controlled institutions. Faculty from private self financing institutions need to pay a fee of Rs. 1500/.

- **TA/Accommodation**

Participants have to make their own arrangements for travel, boarding, and lodging. TA and lodging charges of the participants will be disbursed as per the existing Government norms.

- **Important Dates**

Last date of application	18-07-2017
Intimation of selection	18-07-2017
Confirmation of participation	19-07-2017