

**AICTE Sponsored Quality
Improvement Short Term Course**

on

**“Recent Trends in Power System Operation,
Control and Protection”**

26th November to 1st December 2018

REGISTRATION FORM

1) Name: _____

2) Designation: _____

3) Department: _____

4) Address for correspondence:

5) Mobile Number: _____

6) e-mail: _____

7) Educational Qualification: _____

8) Experience: _____

9) Details of Demand Draft:

DD No.: _____ Date: _____

Name of Bank: _____

Place: _____ Signature of applicant

Date: _____

Mr./ Ms./ Dr. _____ is an
employee of this institute and will be sponsored
to attend the course, if selected.

Seal and Signature of the sponsoring authority

CHIEF PATRON

Dr. Abhay Wagh

Director, Directorate of Technical
Education, MS, Mumbai

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Chairman, BoG

Govt. College of Engineering, Amravati

PATRON

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Advisor-I (RIFD), All India Council for
Technical Education

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Joint Director, Technical Education,
Regional Office, Amravati

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Principal, Govt. College of Engineering,
Amravati

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Department of Electrical Engg.

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AICTE SPONSORED

Quality Improvement Short Term Course

On

**“Recent Trends in Power System
Operation, Control and
Protection”**

(26th November to 1st December 2018)



Organized by

**Department of Electrical Engineering
Government College of Engineering,
Amravati**

(An autonomous Institute of Government of Maharashtra)

ABOUT THE INSTITUTE:

Government College of Engineering, Amravati was established in 1964. The institute has been awarded an autonomous status in the year 2006 by Government of Maharashtra and affiliated to Sant Gadge Baba Amravati University, Amravati. Institute offers seven UG and eight PG program in engineering disciplines. The institute has its own campus spread over 105 acres of land. Over the years, the college has developed by leaps and bounds in to a premier institute of India, catering to the needs of industries, public sector undertakings, institutes and community in general.

The institute has successfully completed World Bank assisted project under Technical Education Quality Improvement Program (TEQIP) Phase-I and Phase-II by Govt. of India. The Institute stood at 31st rank all over India as per outlook survey report 2018.

ABOUT THE DEPARTMENT:

Department of Electrical Engineering was established in 1964. Department offers B. Tech. program in Electrical Engineering and M. Tech. program in Electrical Power System, with intake capacity of 60 and 18 respectively. The department has well equipped laboratories, research facilities with highly qualified and experienced faculty. Department is a minor QIP centre for Ph.D. in Electrical Engineering.

ABOUT THE RESOURCE PERSON:

Renowned faculty from IITs, NITs and other reputed institutes will be the resource person for this course.

ABOUT THE COURSE:

During course the participant will be exposed to following broad topics:

- Trends in power system operation and control
- Application of power electronics to power system
- Power electronics interface to non conventional energy sources
- Numerical relaying algorithms and applications
- Relay coordination and system protection
- Trends in power system distribution automation
- Real-time control of power systems and AI techniques
- Nature and bio-inspired algorithms for power system optimization problems
- Multi objective evolutionary algorithms application to power system
- Field visit to SCADA substation

ELIGIBILITY:

The course is for full time teachers of Electrical Engineering discipline, from AICTE approved Engineering Colleges / Polytechnics / University Departments.

REGISTRATION:

Caution money (refundable) of Rs. 1,000/- (Rs. one thousand only) per participant is to be paid in the form of Demand Draft drawn in favor of “Principal, Government College of Engineering, Amravati”, payable at Amravati along with the registration form duly filled and signed by Head of the Institution. In case the selected participant does not attend the course the above amount will be forfeited.

The completed application form should be submitted on or before **15 November 2018**. To avoid delay in postage, the applicants can send scanned copies of DD and registration form by E-mail to course coordinator and send the original DD + registration form by speed post/ courier.

The selected participants will be informed by e-mail only, latest by **17th November 2018**.

ACCOMODATION AND TA/DA:

TA / DA will be provided by this institute to all the participants as per prevailing government norms. Free lodging and boarding facilities will be provided to all the outside participants in the hostel rooms/guest rooms.