**About Institute**

Vishwakarma Government Engineering College, Chandkheda is one of the high ranking technical institutes in Gujarat and was established in August 1994, with an objective of imparting higher education in various fields of engineering and technology. This institute is recognized by All India Council of Technical Education(AICTE), New Delhi. The college is administered by Directorate of Technical Education, Gujarat state, Gandhinagar and is affiliated with Gujarat Technological University(GTU).

VGEC puts continuous efforts to create an ecosystem for proliferation of socially responsible & technically sound engineers by motivating students to take part in various activities like SSIP, various technical workshops/seminars/webinars, technical festivals, TEDx, various student chapters like IEI, IEEE, Center of Excellence in association with Bosch-Rexroth India limited, NSS, NCC and many more.

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**About Gujarat Technological University**

Gujarat Technological University is a premier academic institution established by the Government of Gujarat in 2007. GTU is a State University with more than 400 affiliated colleges across the state of Gujarat. The university caters to the fields of Engineering, Architecture, Management, Pharmacy and Computer Science with Diploma, Under Graduate, Post Graduate programs.

**About ISTE**

The Indian Society for Technical Education (ISTE) is the leading national professional non-profit making society for technical education system in our country with the motto of course development of teachers and personality development of students and overall development of technical education system. Being the only national organization of educators in the field of Engineering and Technology, ISTE effectively contributes in various missions of the Union Government. At present, the ISTE has a very large and an effective membership.

**Objectives**

The FDP is designed for improving knowledge in major areas of operation and control of electrical power system and different techniques used in controlling and analyzing in recent era of Electrical Power System. The program also focuses on overview of recent trends in techniques for voltage stability, optimization and control of power system, so as to achieve the best overall system control performance, system economics, optimal generation allocation, system stability and required reliability.

**Course Content**

- Restructured power system.
- Recent advancement in voltage stability assessment method.
- Application of RBE Neural network for power system analysis.
- Finite element method.
- Microgrid operation and control.
- State estimation.
- Power system stability.
- Grid connected wind energy conversion system.
- Futuristic electric power system

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Technical Experts
Course faculty consists of eminent experts from premier institutes like IITs and other national level technical institute and also in house faculty members of electrical engineering department. The speakers are invited to share their views in the field of power system operation and control and their experience with the participants.

Organising Committee
Patron
Prof. (Dr.) R K Gajjar
Principal-VGEC, Chandkheda

Advisory Committee
Dr. Navin Sheth (Vice Chancellor, GTU)
Dr. K N Kher (Registrar, GTU)
Prof. K M Bhavsar (Chairman - ISTE Guj. Section)
Dr. Nikul Patel (Hon. Sec. cum. Treasurer - ISTE Guj. Section)

Coordinator
Prof. R R Kapadia
Head-Electrical Engg. Department

Co-coordinators
Prof. (Dr.) D.P. Maheshwari (Asso. Prof.)
Prof. Y B Bhavsar (Asso. Prof.)
Prof. H N Zala (Asso. Prof.)

Team Members
Prof. N P Shah (Asso. Prof.)
Prof. D R Dobariya (Asst. Prof.)
Prof. M L Patel (Asst. Prof.)

Department of Electrical Engineering
Vishwakarma Government Engineering College
Visat-Koba Highway,
Chandkheda,
Ahmedabad - 382 424, Gujarat.

Eligibility for STTP
Faculty from Engineering Colleges/Polytechnics, PG and Ph.D Research Scholars and Persons from Industry/R&D Organizations/Consultants

How to Apply
Interested candidates are requested to fill-up the attached application form and return it to the Co-ordinator on or before 19/11/2019. Participants must have to apply online.

For Online Registration
https://forms.gle/tGFe9Mojfl59Q5p49

Course Fees
Course fees of Rs. 750/- (non-refundable) are to be paid by all participants on below link.
https://www.onlinesbi.com/sbicollect/icollecthome.htm

Step 1: Type of Corporate : Education Institutions
Step 2: Vishwakarma Governmenteng College
Step 3: Workshop-Conference-Seminar-FDP-STTP fees.

Contact Details
Tel : (M) 9106187992 (Prof. R R Kapadia)
(M) 9825797155 (Prof. D P Maheshwari)
(M) 9173477049 (Prof. Y B Bhavsar)
(M) 9824633779 (Prof. H N Zala)
Email: rtpsoc.vgec@gmail.com

Important Dates
Last date for receipt of application 19/11/2019
Confirmation of selection by email 20/11/2019

APPLICATION FORM
GTU Sponsored and ISTE Approved Faculty Development Program on Recent Trends in Power System Operation and Control November 25 - 30, 2019 at Electrical Engineering Department, Chandkheda Vishwakarma Government Engineering College
(Please file up the details in Block Letters)

1. Name: .................................................................
2. Designation: ...........................................................
3. Qualification: ...........................................................
4. D.O.B: ........................................Gender: [ ] Male [ ] Female
5. Institution/Industry: ....................................................
6. Mailing Address: ...........................................................
   Phone: ........................................Fax: ........................................
   E – mail: ..........................................................
7. ISTE Membership: [ ] Life time [ ] Yearly
   Membership No: ..............................................................
8. Experience:
   Teaching: .................Years .................Months
   Industrial: .................Years .................Months
9. Payment (DU) Ref. No. and Date: ..............................
   Place : ..........................................................
   Date : .................. Signature of Applicant

Sign and Seal of Sponsoring Authority
NOTE : Faculties from Government/GIA Institute are requested to apply through TNA portal only.
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Course fee includes tea, breakfast, working lunch and course material. Participants are required to make their own arrangements for lodging, boarding and travelling.

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