

Introduction

Electricity plays a vital role for survival of human beings. The features and structure of the modern power systems have assumed a great significance in recent years.

Globally, the power system structure has witnessed a lot of technological advancements. Hence, the course on Emerging Trends in Electrical Power & Energy System is a very important part of electrical engineering curriculum which covers all aspects right from Generation to Utilization of Electricity.

The STTP will cover the basic analysis of power system, operational aspects of power system, issues of integration of renewable energy sources with grid and introduction of IOT and WAMS.

Course objectives

- Realize need for optimization techniques for power system engineering.
- Understanding stability of the power system.
- Learning of different power system analysis software.
- Power system protection.
- Awareness about renewable energy sources and issues of integration with grid.

Eligibility:

Industry people, Faculties, and PG students from engineering colleges.

Resource Persons

The program will be conducted by the faculties of the department and invited experts from the industries and academia.

Course Contents

- Power System Optimization
- Power System Operation & Control
- Renewable Energy and its Grid Integration Issues
- Power system analysis using ETAP
- WAMS
- IOT for Power System

Registration Fee

Faculty : Rs. 1000/-
Industry Person : Rs. 2000/-
PG Student : Rs. 750/-

Send the complete registration form along with demand draft in favor of **SVIT,Vasad** to the coordinators on or before 24th December, 2018. The selected participants will be informed through mail or telephone.

The registration fee includes a program kit, tea, lunch and e-course material. All other expenses are to be borne by the participants.

Participants are requested to make their own arrangements for lodging, boarding and traveling. However, on request, the arrangement for accommodation can be made at reasonable charge.

Registration Form

SHORT TERM TRAINING PROGRAM ON “Emerging Trends in Electrical Power and Energy System” at SVIT, VASAD (7-12 January, 2019)

Name: _____

Designation: _____

Branch: _____

Organization/Institute: _____

En. No/ID No: _____

Qualification: _____

Specilization: _____

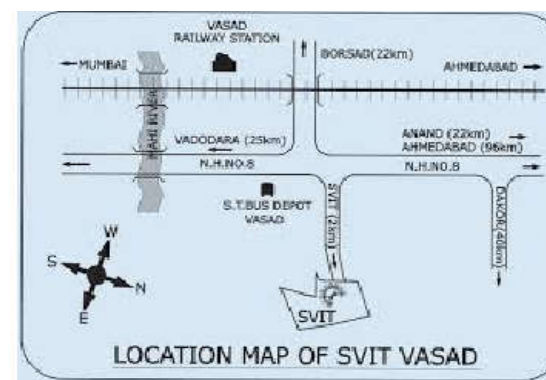
Phone No: _____

Email: _____

Date: _____

Sign of Applicant: _____

Place: _____



Chief Patron:

Shri B.C.Patel, Hon. Chairman

Patrons:

Dr. J.N. Shah, Director(Academic)

Dr. D.P. Soni, Principal

Dr. P.V. Ramana, Dean (R&D)

Coordinator:

Dr. C. D. Kotwal

Head of EE Department

Organizing Committee:

Dr. P.R. Gandhi

Dr. S. M.Pujara

Prof. N.K. Jaiswal

Prof. N. A. Rathod

Prof. N.N. Shah

Prof. N.S. Shah

Duly filled Registration forms should be mailed to:

Dr. S.M. Pujara (9825707091)

Email: sttpsvit.2018@gmail.com

Important Dates

Last date for application : 24-12-2018

Intimation to selected participant :1-1-2019

Program Schedule

Date : 7-12 January, 2019

Timing: 09:45 a.m. to 4:30 p.m.

About the Institute

Sardar Vallabhbhai Patel Institute of Technology (SVIT), established in the year 1997 at Vasad, Dist. Anand, is approved by AICTE, New Delhi and affiliated to Gujarat Technological University, Ahmedabad. The college is located on the bank of river Mahi in a peaceful and pollution free environment, 25 Km. from Vadodara and 20 Km. from Anand on N.H.-8. At present, the institute offers UG courses in Civil, Mechanical, Electrical, Aeronautical, I&C, E&C, IT and Computer engineering, and PG courses in Electrical, Civil, Mechanical, Computer, IT and E&C engineering. SVIT is a premier Institute of Gujarat having unique identity for the quality education, it imparts.

About the Department

Electrical Engineering Department established in 1997-98, approved by AICTE and affiliated with Gujarat Technological University, Gujarat. The department has well qualified and experienced faculty members, state-of-the-art laboratories like High Voltage, Electrical Machine, Power Electronics & Power System Protection and latest software like PSCAD, MATLAB, ETAP, NEPLAN, PowerWorld Simulator etc.

The department subscribes reputed magazines and journals and has wide collection of various teaching aids like models, charts, cut section of machines for thorough understanding of students.

The department offers B.E. (Electrical) with intake of 120 seats and M.E.(Power System) with intake of 18 seats.

**Sardar Vallabhbhai Patel
Institute of Technology**

(Managed by New English School Trust, Vasad)



ELECTRICAL ENGINEERING DEPARTMENT

&

GUJCOST/DST, Govt of Gujarat

JOINTLY ORGANISE

One Week STTP

on

**“Emerging Trends in Electrical Power and
Energy System”**

(7-12 January, 2019)

**SARDAR VALLABHBHAI PATEL INSTITUTE OF TECHNOLOGY,
VASAD-388306**

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