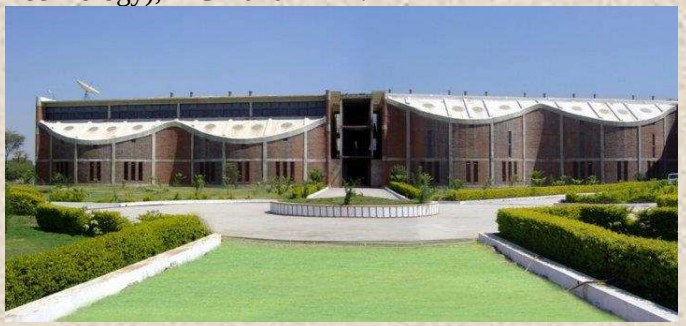
Sankalchand Patel College of Engineering

Sankalchand Patel College of Engineering (S.P.C.E), Visnagar, Gujarat, INDIA established in 1999 is a flagship institute of Nootan Group of Institutions, run by NootanSarva Vidhyalaya Kelavani Mandal, Visnagar. S.P.C.E is affiliated with Gujarat Technological University, Ahmedabad, Gujarat and all the programs are approved by AICTE, New Delhi. It accommodates 8 departments running 6 under-graduate courses namely Computer Engineering, Information Technology, Mechanical Engineering, Civil Engineering, Electronics & Communication Engineering, Electrical Engineering and 5 post-graduate courses namely Master of Engineering in Electrical Engineering (Power Systems), Mechanical Engineering (CAD/CAM), Electronics & Communication Engineering (Wireless Communication Technology), MCA and MBA.



About Electrical Engineering Department

The B.E. & P.G. (Power System) courses in Electrical Engineering of SPCE was started in 1999 and 2009 respectively have been keeping pace with the latest technology in industries. We have always maintained a policy of providing students with state-of-the-art systems with regularly upgraded curriculum. The course is composed of Electrical Engineering as well as relevant software and hardware subjects. Laboratory facilities along with access to the internet bring out the future Electrical Engineers of high caliber.

Department is rich with softwares like Mi-Power, MATLAB, PSCAD and P-Sim required for Electrical Engineering. Department is having a rich Electrical Machine laboratory in 263 sq. mt. area with all kind of A.C. as well as D.C. machines sections separately. The department is also strong in High voltage testing upto 30 KV AC & 40 KV DC Test Set. High Voltage laboratory is also having 100KV, 1000J Impulse Generator.

About Power Research & Development Consultants (PRDC), Bangalore

Power Research & Development Consultant Pvt. Ltd (PRDC), an ISO 9001:2008 TUV-SUD certified company; we are Asia's largest professional power system consulting service firms with over 250 dedicated power system professionals. The core competence of PRDC is in the area of power system consulting, power system design & analysis, design & development of complete solutions for SCADA, industrial automation & engineering simulation software and embedded system solutions. Our customers include Electricity Utilities in India and abroad, Industries, Consultants, Investors in the Energy Sector, Research Organizations and Academia. PRDC's global expertise enables us to provide multi-disciplinary services in power sector with a range of working experience with electrical utilities throughout India, Middle East and South East Asia on World Bank & Asian Development Bank (ADB) funded Projects.

PRDC has provided its "Power System Studies involving simulation & analysis of T&D system" to many Electricity Supply utilities and also developed "Long-Term Perspective Plan for Utilities" in India and abroad. Most of these studies have been carried out using **MiPower™** - a Power systems software package that is indigenously developed and supplied by PRDC.

Objectives of the Programme

The current scenario in the power sector has been undergoing continual development in generation, transmission and utilization. With the existing voluminous size of network, together with the rapid growth in supply and demand, the conventional approach has proved ineffective and there exists need for advanced computational and planning methodologies.

The prime objective of this workshop is to enhance the knowledge of the participants in the Power System Analysis through modern simulation techniques. It is an opportunity and platform for the academicians, researchers and committed engineers to actively learn solve problem and interact with the experts dealing with recent advances in power systems.

Two-Day National Workshop on Power System Analysis using MiPower™

March 4 - 5, 2013

Coordinator

Prof. G.R. Patel
Prof. B.R.Prajapati
(Asst. Prof. EE Dept.)
S.P.C.E, Visnagar

Organized by

Department of Electrical Engineering
Sankalchand Patel College of Engineering, Visnagar
Website:www.spcevng.ac.in

Tel: +91-2765 -232008
Fax: +91-2765 -224982
E-mail: grpatel.ee@spcevng.ac.in
brprajapati.ee@spcevng.ac.in

In Association with
Power Research & Development Consultants Pvt. Ltd. (PRDC), Bangalore
Website: www.prdcinfotech.com
Tel: +91 - 80 - 42455555 / 23192209
Fax: +91 - 80 - 23192210
E-mail: prdc@vsnl.com

How to Apply

Interested faculty members from Engineering colleges, polytechnics, P.G. /Ph.D. Students, are requested to fill up the attached application form and return it to the Coordinator, so as to reach on or before 23rd February, 2013.

Applicant should send the demand draft in favour of **"Sankalchand Patel College of Engineering, Visnagar,"payable at Visnagar.**

Please send the duly filled registration form to:

Prof. N.K.Patel
Electrical Engineering Department,
Sankalchand Patel College of Engineering,
Gandhinagar – Ambaji State Highway Link-Road
Visnagar – 384315, Dist - Mehsana
Gujarat.
Tel : (02765) 232008 (O), Extn : 208
Fax: (02765) 224982

Prof.G.R.Patel (+919173734400)
Prof.B.R.Prajapati (+919429935237)
E-mail: grpatel.ee@spcevng.ac.in
brprajapati.ee@spcevng.ac.in

Program Schedule

Duration: March 04 – 05, 2013
Timings: 9:00 a.m. – 4:00 p.m.

Important Dates:

Last date of receiving application: **23/02/2013**
Confirmation of Selection by Email: **26/02/2013**
Commencement of Programme : **04/03/2013**

Note:

Total Number Participants are restricted upto **50.** Selected participants will be informed through mail.

Workshop Methodology

The workshop methodology envisaged illustrates the concepts involved in the subject through practical considerations of actual real-life problems. The following are the phases of workshop:

Phase 1: Explanation of Power System concepts by experts

Phase 2: Computer-aided case studies. The trainee shall apply the skill learnt to work out the solution with the competent guidance of the trainers.

Workshop Contents

- Computer-aided Power System Simulation & Case Studies
- Power Flow Analysis
- Short Circuit Case Studies
- Optimal Load Flow Techniques
- Transient Stability
- **Hands-on** Training on **MiPower™** on Various Real Time Cases

Faculty

Course will be conducted by experts from Power Research & Development Consultants (PRDC), Bangalore.

Course Fee and Registration

Rs. 500/- for bonafide student.
Rs. 800/- for academicians/ faculty members.
Rs. 1000/- for members from Industry, Utility and R&D Oraganizations.

Participants are required to make their own arrangements for boarding and travelling. However, on request, **the arrangement for accommodation can be made on chargeable basis.**

Eligibility for Admission

Faculty, PG-Students from Electrical / Power System Engg, Professionals from Industries, Utility and R&D Oraganizations.

Registration Form

Two-day National Workshop
on
Power System Analysis using MiPower™

Name of the Applicant (in block letters)
……..……..
Designation:
……
Department:
……..…
Organisation:
……...…….
Address for correspondence:
…….……
Pin Code: …… Phone: ……..
Mobile No.: ……E-mail: ……....

Registration Category: (Please Tick):

- ☐ Participants from Industry
- ☐ PG Students/Research Scholars
- ☐ Institutional Participants/Faculty Members

Details of Registration Fee:
Name of Bank & Branch: ……...
DD No.: …… Date: …….
Amount (Rs.): ……

Date: **Signature of Participant**

The applicant is hereby sponsored and will be permitted to attend this workshop.

Signature and stamp of the Sponsoring Authority