

**National Conference
on
NATIONAL POWER SECTOR SCENARIO -
PROSPECTS, CHALLENGES AND
OPPORTUNITIES
(NPSS-2012)**

**Sponsored by AICTE &
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IEEE Hyderabad Section**

3rd and 4th APRIL 2012

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Organized by



Department of
**Electrical & Electronics Engineering
Vasavi College of Engineering**

(Sponsored by Vasavi Academy of Education Regd.)
(Affiliated to Osmania University, Hyderabad and
Approved by AICTE)

9-5-81, Ibrahimbagh, Hyderabad-500031.

Phone: +91-40-23146030

Website: <http://www.vce.ac.in>

PROFILE OF THE INSTITUTE

Vasavi College of Engineering (VCE) was founded in 1981 by Vasavi Academy of Education. The mission of the College has been to equip young engineers with competitive technology and nurture their holistic development towards building a better society. With dedicated efforts for three decades, VCE has emerged as a reputed center of learning in Engineering and is currently offering 6 UG and 5 PG programmes. It is affiliated to Osmania University and recognized by AICTE. The stakeholders have rated VCE as one of the top three engineering institutes in the state.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering was started in the year 1999 offering undergraduate programme with nine batches already graduated and tenth batch graduating in the year 2012. A good number of EEE graduates seek admission to higher studies abroad and also in IITs, NITs and IIMs. It has well equipped laboratories, and well qualified, dedicated, experienced and trained faculty with a deep sense of commitment towards the students and the college.

OBJECTIVE OF THE CONFERENCE

The conference provides a forum for exchange of ideas for advanced knowledge in Power Systems, Smart Grid, Power Electronics, Drives, etc. Various National and International experts showed keen interest in this conference. Interaction with these experts will provide enhanced knowledge and exposure to latest developments and better understanding of different topics. The conference provides an opportunity for young teaching faculty who are pursuing graduate and doctoral studies to present their work for validation by peer review and possible publication. Special lectures on latest topics are arranged by experts from premier institutions and industries.

TARGETED AUDIENCE / PARTICIPANTS

Representatives from Academia, Industry and Government Organizations who are either involved or have interest in Power Systems, Smart Grid, Power Electronics, Drives, etc. and their applications, research scholars and Post Graduate students are welcome to take part in the conference.

CALL FOR PAPERS

The original unpublished papers are invited for presentation and publication in the proceedings of the conference.

PAPER SUBMISSION GUIDELINES

IEEE format with maximum 6 pages (MS Word) is to be followed for the e-mail submission of papers to the conference at npsc2012@gmail.com.

The areas included but not limited to:

- EHV Transmission
- Power System Optimal Operation
- Power System Dynamics
- Digital Protection
- Gas Insulated Substations
- Machine Modeling and PS Modeling
- Condition Monitoring of Heavy Equipment
- Wide Area Network
- HVDC
- Smart Grids, FACTS, and Micro-Grids
- Converters for Grid connection
- Active Power Filters
- Distributed Generation
- Power Semiconductor Devices
- Novel Converter Topologies for DC-DC, DC-AC, AC-DC, AC-AC conversions

- Power Converters and Controllers for Wind and Solar Power
- Variable Speed Motor Drives
- Power Electronics in Transportation
- Sensor-less Control of Electric Machines

IMPORTANT DATES

Full paper submission: **24th February, 2012.**

Notification of selection: **9th March, 2012.**

REGISTRATION FEE (per Person)

Industry	:	₹ 1500/-
Academia	:	₹ 1000/-
IEEE Members	:	₹ 750/-
PES/IAS/PELS Members	:	₹ 500/-
Students	:	₹ 500/-

- The registration fee has to be paid by the prospective authors when the paper is selected for the conference.
- Certificates will be issued only to the registered authors.
- No TA & DA will be provided to the participants.

The payment should be made by Cash/Demand Draft drawn in favour of **“Vasavi College of Engineering, Hyderabad”**.

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