SSN College of Engineering
Department of Electrical and Electronics Engineering Organizes

3rd International Conference on
ELECTRICAL ENERGY SYSTEMS
ICEES 2016
MARCH 17–19, 2016

ABOUT THE INSTITUTION

Sri Sivasubramaniya Nadar College of Engineering (SSNCE) is the outcome of the vision and initiative of Dr. Shiv Nadar, Chairman, HCL Technologies, a pioneer in the field of Information Technology. The Institution reflects the ideals of its founder and seeks to achieve excellence as an academic Institution and advanced research centre. The Institution was established in 1996 on a sprawling campus of 250 acres on the Rajiv Gandhi Road (OMR) of Chennai. The campus comprises aesthetically designed buildings that are networked by fiber optic cables. The Institution offers eight B.E./B.Tech. degree programmes in Electrical and Electronics, Electronics and Communication, Computer Science, Information Technology, Chemical, Biomedical, Mechanical and Civil Engineering. The Institution also offers eleven M.E./M.Tech. degree programmes in Power Electronics & Drives, Communication Systems, Applied Electronics, VLSI Design, Computer Science & Engineering, Software Engineering, Information Technology, Environmental Science & Technology, Medical Electronics, Energy Engineering, Manufacturing Engineering in addition to MBA and MCA. The Institution is ISO 9001:2000 certified, with five Under Graduate programs accredited by National Board of Accreditation (NBA) for 5 Years and accredited by NAAC with ‘A’ Grade.

The institution consistently ranks first among all colleges affiliated to Anna University, Chennai. SSN is ranked 24th among all engineering colleges in India (ranked 5th in south zone private Engineering Colleges) and ranked 23rd according to the HR perception-wise ranking. SSN college of Engineering has also been awarded as Asia’s best private Educational Institute in Engineering and Technology category. The management awards over 400 scholarships worth Rs 4.3 crores every year to meritorious and deserving students. The college has Wi-Fi connectivity, e-learning enabled classrooms and state of the art laboratories and softwares.

ABOUT THE DEPARTMENT

The Department of Electrical and Electronics Engineering offers NBA accredited B.E. degree program in Electrical and Electronics Engineering and M.E. degree program in Power Electronics and Drives. The Department has 29 qualified faculty members including 18 Ph.D. The department is recognized as approved research centre by Anna University for pursuing Ph.D / M.S (Research) program. The department has 65 research scholars pursuing Ph.D / M.S (Research) program under 10 recognized supervisors. The broad area of research includes Power Systems, Power Electronics & Drives, Special Electrical Machines, Control & Dynamics, Renewable Energy Systems, Power Electronics & Drives, High Voltage Engineering, Special Electrical Machines and Optimization & Control techniques. The department is equipped with state-of-the-art laboratories like Advanced Power Electronics lab, Solar Energy Research Lab, High Voltage Lab and System Simulation Lab with licensed softwares like MATLAB, MagNet, Labview, PSpice, PSim, PSCAD, Mipower, EMTP, etc. The department has publications in referred impact factor journals and in International / National conference proceedings.

The department has signed MoU with M/s. Danfoss Industries, M/s. Hibrise Technologies and has taken up research projects funded by AICTE, MNRE and C-WET. The Department has organized two International Conferences, six National Conferences, seven Faculty Development Program supported by Anna University, three Short-term Training Program sponsored by AICTE, ISTE and many Workshops.

SCOPE OF THE CONFERENCE

The International Conference on Electrical Energy Systems (ICEES 2016) will be held at SSN College of Engineering, Chennai, India during 17-19 March 2016. The objective of the International Conference on Electrical Energy Systems (ICEES 2016) is to provide a platform for academicians, researchers and industrial engineers to present their research findings and developmental activities in the broad area of Electrical Energy Systems. This conference will provide opportunities for the delegates to exchange new ideas and their experiences to establish research relations for future collaborations.

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Dr. V. Kamaraj
Dr. R. Arumugam

ORGANIZING CHAIR
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Dr. M. Balaji
Dr. N.B. Muthu Selvan

IMPORTANT DATES

Paper Submission due - 30 November 2015
Notification of Acceptance - 30 January 2016
Final Paper Submission - 15 February 2016
Conference Registration Commencement - 15 February 2016
Last Day for Conference Registration - 28 February 2016
CALL FOR PAPERS

Original contributions based on the results of research and developments are solicited on the wide range of topics listed below. Prospective authors are requested to submit their papers in no more than 6 pages, prepared in the two-column IEEE format. The paper should contain the e-mail addresses, postal addresses and affiliation of the author(s). Accepted papers will be published in the proceedings of the conference, provided at least one of the authors registers for the conference. The papers presented in the conference will be submitted to IEEE Xplore Digital Library.


Power Systems: Deregulation - FACTS and HVDC - Evolutionary Algorithm application to Power System - Distributed Generation - High Voltage Power Apparatus

Power Electronics & Drives: Converter/Inverter Topologies - Traction and automotive systems - Power Quality - Motor drives and motion control - Special machine drives

Electromagnetic Design: EMI/EMC - Computational Methods - High Frequency System Simulation


Robotics & Automation: Industrial automation and Process control automation

SUBMISSION OF PAPERS shall be through conference website.
Conference URL: http://icees2016.org/
Institution URL: http://www.ssn.edu.in/

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Registration
Please send the duly filled-in registration form on or before 28th February 2016. The demand draft is to be drawn in favor of “The Principal, SSN College of Engineering” payable at Chennai. The registration fee details are as follows:

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<thead>
<tr>
<th>DELEGATES</th>
<th>NATIONAL</th>
<th>INTERNATIONAL</th>
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<tbody>
<tr>
<td>Student Authors</td>
<td>INR 1000</td>
<td>USD 100</td>
</tr>
<tr>
<td>Research Scholars &amp; Faculty</td>
<td>INR 2000</td>
<td>USD 200</td>
</tr>
<tr>
<td>Industry &amp; Others</td>
<td>INR 4000</td>
<td>USD 400</td>
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The IEEE members will be given a concession of 25% on registration fee.

The cost of registration includes conference kit, participation in all the activities of the conference, lunch and snacks.