



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 and four Post Graduate programs accredited by National Board of Accreditation (NBA) for 5 Years. Five Under Graduate programs are also 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 30 qualified faculty members including 19 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, High Voltage Engineering and Optimization 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 NIWE. The Department has organized three International Conferences, six National Conferences, seven Faculty Development Program sponsored by Anna University, three Short-term Training Program sponsored by AICTE, ISTE and many Workshops.

SSN College of Engineering
Department of Electrical and
Electronics Engineering Organizes

International Conference on

POWER AND EMBEDDED DRIVE CONTROL

ICPEDC 2017

16-18 March 2017

SSN

Technical
Co-sponsored by

IEEE
MADRAS SECTION

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IEEE POWER
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SCOPE OF THE CONFERENCE

The objective of the International Conference on Power and Embedded Drive Control (ICPEDC2017) is to provide a common platform for all researchers, professionals and engineers from all over the world to present and exchange their expertise in the field of Electric Power and Embedded Drive Control. The conference will provide premium forum for sharing knowledge, experience and creative ideas of the experts with the researchers, academicians and the participants. It enables to provide sustainable solutions for electrical drives in day to day applications.

► CONFERENCE CHAIR ► ORGANIZING CHAIRS

Dr. Mrunal Deshpande

Dr. M. Senthil Kumaran
Dr. K. Murugesan

IMPORTANT DATES

Paper Submission Due	- 31 December 2016
Notification of Acceptance	- 31 January 2017
Final Paper Submission	- 15 February 2017
Conference Registration Commencement	- 15 February 2017
Last Day for Conference Registration	- 28 February 2017

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Dr. Ramasamy M, Annamalai University, Chidamabaram, India
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Dr. Velusami S, Annamalai University, India

► REGISTRATION

Registration fees can be paid only after the acceptance of the full paper and relevant information will be provided in the acceptance letter.

Please send the duly filled-in registration form on or before 28 February 2017. 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:

DELEGATES	NATIONAL	INTERNATIONAL
Student Authors	INR 1500	USD 120
Research Scholars & Faculty	INR 2000	USD 200
Industry & Others	INR 5000	USD 300

The IEEE members will be given a concession of 20% on registration fee.

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

► ACCOMMODATION & TRANSPORTATION

Limited hostel accommodation is available for outstation participants and provided on payment, as per College norms, on advance intimation.

Bus routes and timings are available in the College website **www.ssn.edu.in**.

Address for Communication

ORGANIZING CHAIR ICPEDC 2017

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► 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 not 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 and will be submitted to the IEEE Xplorer Digital Library, provided at least one of the authors registers for the conference and present the paper.

Embedded & Drives Control: Industrial drive and motion control - Sensorless control of drives - Intelligent control of drives - Linear machines and Levitation control - Special machine drives - Hybrid electric vehicle control

Power Electronics: Modern trends in Converter/Inverter topologies - Power quality analysis

Energy Sources: Wind energy conversion systems - Solar energy - Energy efficient hybrid systems - Battery management in renewable energy and drives

Power Systems: FACTS and HVDC - Evolutionary algorithm application to power system

SUBMISSION OF PAPERS shall be through conference website.

Conference URL : **http://icpedc2017.org/**

Institution URL : **http://www.ssn.edu.in/**

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