

## About the College

Sri Sivasubramaniya Nadar College of Engineering (SSNCE) is the outcome of the vision and initiative of Padma Bhusan Dr. Shiv Nadar, Chairman of HCL Technologies Ltd. SSNCE stands out as a premier center of higher learning with a mission of pursuing excellence in education and research. The institution offers eight UG degree programmes along with twelve PG degree programmes in diverse disciplines. The campus provides a stimulating environment for intellectual development, free thinking, and personal growth, challenging its students with dynamic learning opportunities and equipping them with the necessary skills, insights, attitudes, and practical experiences.

## About the Department

The Department of Civil Engineering was started in the academic year 2011-12 with an aim of promoting quality education in the field of Civil Engineering. The department has well equipped laboratory facilities and highly qualified faculty members having rich experience in teaching and industrial background. The department currently offers Bachelor of Engineering degree program in Civil Engineering following Anna University curriculum. In concurrence with SSN Institutions' mission of pursuing excellence in education and research, the department provides an ambient environment for the students to groom themselves for an innovative and challenging career in the future.

## IEEE Madras Section

The Institute of Electrical and Electronics Engineers Inc. (IEEE), a nonprofit organization, is the world's leading professional association for the advancement of technology. IEEE offers a wide range of learning, career enhancement, and employment opportunities within the engineering sciences, research and other technology areas.

IEEE Madras Section came into existence in 1976 and has crossed its silver jubilee year. IEEE Madras Section has an active membership of 2275. The student membership is around 4716. IEEE Madras Section regularly conducts symposiums, conferences and technical lectures by eminent personalities from several fields.

## SSN College of Engineering | Department of Civil Engineering

organises  
National Conference on

## DISASTER MITIGATION, RESPONSIVENESS & MANAGEMENT

3 & 4 FEBRUARY 2017



## About the Conference

In recent years, scientific communities have realized the need for academia, practicing engineers, and scientists to exchange knowledge and experience on ways to effectively handle the increasing risk of natural and man-made disasters. Major earthquakes, tsunamis, hurricanes, floods, and other natural phenomena have caused huge losses in terms of human lives and infrastructure destruction. It is important to understand the nature of these disasters to be able to develop strategies to prepare for these events and plan effective responses in terms of disaster management and the associated human health impacts. In a world where physical objects in the industrial, societal, and home domains are increasingly being transformed from isolated systems to networked internet-enabled devices that can communicate with each other and the cloud, Internet of Things (IoT) and Information and Communication Technologies (ICT) aid immensely to correctly analyse potential risks and identify measures that can prevent, mitigate or prepare for emergencies. These applications can play a significant role in highlighting risk areas, vulnerabilities, and populations that can be potentially affected. This conference provides a forum for discussion of issues impacting preparedness, resilience, response, and capability in disaster amongst academics and practitioners, and a venue for presentation of the latest developments.



## Call for Papers

Authors can contribute to the conference by submitting original unpublished manuscripts. Main tracks have been identified (see below); however, innovative contributions that do not easily fit into these areas will also be considered as long as they are directly related to the overall theme of the conference.

- Geological Disasters
- Hydro - Meteorological Disasters
- Industrial Disasters
- Accident Related Disasters
- Terrorism and Man-made Disasters
- Resilient Infrastructure & Housing
- Climate Change and Disasters
- Disaster Recovery and Reconstruction
- Disaster Prevention and Mitigation
- Disaster Relief, Resilience and Research
- Emergency Preparedness and Training
- Disaster Management and Health
- Disaster Management and Education
- NGOs in Disaster Management
- Corporate in Disaster Management
- Disaster Monitoring
- Disaster Information Management in Response, Recovery, Preparedness, and Mitigation
- Advanced ICT and Disasters
- ICT Challenges in Disaster Management
- Cloud Computing in Disaster Management
- IoT and Natural Disasters
- Mobile Computing and Disaster Management
- Case Studies

## Important Dates

Last date for abstract submission	19-12-2016
Notification to authors	22-12-2016
Last date for full-length paper submission	12-01-2017
Registration & submission of camera-ready copy	25-01-2017

## Registration Details

Student	Rs. 750
Research Scholar/Faculty	Rs. 1,000
Industry delegates & others	Rs. 1,500

Note: IEEE members are eligible for a concession of Rs. 250.

Registration fee should be paid by Demand Draft, drawn in favor of "The Principal, SSN College of Engineering", payable at Chennai.

Mail your submissions to [ncdmrm@ssn.edu.in](mailto:ncdmrm@ssn.edu.in). The maximum length of the paper should not exceed 6 pages in standard IEEE format ([www.ieee.org/conferences\\_events/conferences/publishing/templates.html](http://www.ieee.org/conferences_events/conferences/publishing/templates.html)). Atleast one author of the accepted paper should register for the conference. The conference proceedings will be published with ISBN number.

## Chief Patron

Dr. Shiv Nadar  
Founder  
SSN Institutions & HCL Technologies

## Patron

Ms. Kala Vijayakumar  
President, SSN Institutions

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Dr. K. Kasthuri, Dean (Academic)  
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