

### Keynote Speakers

**Dr. Sudharshan N. Raman**

Associate Professor & Graduate Research Coordinator  
School of Engineering, Monash University Malaysia  
Bandar Sunway, Selangor, Malaysia

**Dr. Amarnath CB**

Head - BIM Strategy  
Larsen & Toubro Limited Chennai, INDIA

**Dr. Moatasem Fayyadh**

Principal Engineer - Civil & Structures, Sydney water,  
Greater Sydney Area, Sydney,  
Australia

**Dr. K.S. Beena**

Dean, Faculty of Engineering  
Division of Civil Engineering, School of Engineering  
Cochin University of Science and Technology,  
Kochi, India

### Participation as Author

If one wants to participate as an author(s), he or she needs to submit an abstract of their work related to the conference theme in the prescribed format to the conference mail id, during the period when call for abstracts is open. All abstracts will be subjected to review and intimation of the selection will be sent to the corresponding author. Following this, the author(s), need to send in their full manuscript in the prescribed format to the conference mail ID when the call for full papers is open. The submitted papers will be subjected to peer review and selected papers for presentation will be intimated to the authors within the stipulated time. Authors whose papers have been selected for presentation need to register for the conference as an author by paying the registration fee when the time for registration is open. Only the registered authors will be allowed to participate and present their papers in the conference

### Advisory Committee

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Department of Civil Engineering  
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Chennai

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NIT Calicut

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CEO and Managing Director, Mahindra Consulting

**Dr. Nemkumar (Nemy) Banthia**

Professor and Senior Canada Research Chair  
(Emeritus) Department of Civil Engineering,  
The University of British Columbia, Vancouver,  
B.C., Canada

**Dr. Ganesan Senthil Kumaran**

Associate Professor, Dept. of Civil Engineering and  
Construction, The Copperbelt University, Kitwe –  
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Associate Professor, Transportation Engineering,  
University of Dar es Salaam, Dar es Salaam, Tanzania

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Vice-Chancellor, Universiti Tenaga Nasional,  
Malaysia.

**Dr. Moatasem Fayyadh**

Principal Engineer - Civil and Structures,  
Sydney water, Greater Sydney Area, Sydney, Australia

### Registration Fees

Academicians	: ₹ 1000
Foreign delegates	: \$ 50
Industry Delegate	: ₹ 1500
PG/Research scholar	: ₹ 750
UG student	: ₹ 500

**ACE**  
Association of Civil Engineers

**SSM**

**SPICE 2022**  
16<sup>th</sup> & 17<sup>th</sup> March 2022

Sri Sivasubramaniya Nadar College of Engineering (Autonomous)

Rajiv Gandhi Salai, Kalavakkam, Chennai-603110, Tamilnadu, India.

**Department of Civil Engineering**  
presents



**Virtual International Conference on**  
**“Sustainable Practices and**  
**Innovations in Civil Engineering”**

[www.spice2022.com](http://www.spice2022.com)

## About the Conference

Civil Engineers innovate, create and renovate, keeping the constructed infrastructure facilities up and functioning at all times, responsible for flourishing civilizations throughout history. The situation is no different in modern times with them responsible for the efficient upkeep of the society. However, the mounting concerns towards environmental degradation due to developmental activities have led to the limelight falling on Sustainable Practices. Sustainability by definition is the method of using resource in a way that the resource is not depleted or permanently damaged. Despite the concept being as old as history, it has gained prominence in recent times. The American Society of Civil Engineers (ASCE) defines sustainability as a set of economic, environmental and social conditions in which all of society has the capacity and opportunity to maintain and improve its quality of life without degrading the quantity, quality or the availability of economic, environmental and social resources. Sustainable development is the application of these resources to enhance the safety, welfare, and quality of life for all of society. Practicing Civil Engineers, who are in control of all things from A to Z for a thriving human civilization, need to be responsible towards the economy, environment and society. This conference, SPICE 2019, thus, aims to be a platform for all stakeholders concerned to present, discuss, cooperate, redefine and innovate sustainable solutions for the continuance of the human civilization to higher levels of sophistication and technological advancement while still being nurtured in the cradle of nature.

Submit your abstract to the following conference mail ID:

**spice@ssn.edu.in**

1st December 2021

**Call for  
Abstract**

7th January 2022

**Abstract  
Submission  
Deadline**

14th January 2022

**Acceptance  
Notification**

## About the Institution

SSN College of Engineering (SSNCE), founded by Padma Bhushan Dr. Shiv Nadar, Chairman, HCL Technologies, stands out as a premier center of higher learning with a mission of pursuing excellence in education and research. The institution, with its diverse and dynamic community of students offers a distinctive combination of some of the finest graduate, undergraduate and research programs, accomplished faculty, world class facilities and a residential campus set on a sprawling 250 acres of sylvan surroundings. SSNCE is a home to aesthetically designed buildings with state of the art computer and internet facilities, modern workshops, seminar halls, auditoriums and well stocked libraries, sports and games fields in addition to an indoor stadium with gym. SSN College of Engineering has faculty strength of 251 with a faculty student ratio of one faculty for every 15 students. Out of the total, 208 faculties are PhDs and 43 are pursuing their Ph.D. SSNCE has been ranked 8th among all the private engineering colleges in the country and ranked 37th among all engineering colleges and 78th among all the educational institutions in the Atal Ranking of Institutions on Innovation Achievements (ARIIA 2019), instituted by the MHRD, Government of India.

### Conference Theme

Green Building & Infrastructure  
Materials, Waste & Recycling  
Sustainable Infrastructure  
Sustainable Soil System  
Geoenvironmental Engineering  
Ground Improvement Techniques  
Environmental Engineering and Sustainability  
Hydraulics, Hydrology and Water Resources Engineering  
Transportation Engineering

..... But not limited to the above.....

For Details about the International Conference, visit

**www.spice2022.com**

15th January 2022

**Call for  
Full Papers**

25th February 2022

**Full Paper  
Deadline**

5th March 2022

**Acceptance  
Notification**

## About the Department

The Department of Civil Engineering was started in the academic year 2011-12 with an aim of promoting high 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 is aiming to transform itself into a centre of excellence both in academics and research. The department provides the right kind of environment for the students to groom themselves for an innovative and challenging future.

### Chief Patron

Dr. Shiv Nadar

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Larsen & Toubro Ltd  
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Dr. G. Ashwinsriram	Dr. N. Surendar

5th March 2022

**Registration  
Opens**

7th March 2022

**Final  
Submission**

12th March 2022

**Registration  
Closes**