

**DEPARTMENT OF CIVIL ENGINEERING**  
**SRI SIVASUBARAMNIYA NADAR COLLEGE OF ENGINEERING,**  
**KALAVAKKAM – 603110**

**Webinars Organised**

*By*

**DEPARTMENT OF CIVIL ENGINEERING**

**Webinar 1**

**Topic:** Soft Computing in Civil Engineering: Scopes and Benefits

It was organised by ICE (UK) Student Chapter, Dept. of Civil Engineering, SSN College of Engineering on 20.05.2020. **Dr. Md. Shabbir Hossain**, Asst. Professor, Heriot-Watt University, **Malaysia** spoke on the topic “Fundamentals of Artificial Neural Networks and its applications in Civil Engineering”. Topics covered include material behaviour, geotechnical and structural engineering. The webinar attracted more than 350 registrations from students, academicians and research scholars from India as well as from overseas.

**Webinar 2**

**Topic:** An Introduction to Artificial Intelligence

It was organised by ACE, Dept. of Civil Engineering, SSN College of Engineering on 21.05.2020. **Dr. Sheerazuddin.S**, Associate Professor, SSN College of Engineering, Chennai gave a brief introduction about “Artificial Intelligence” and explained the fundamentals with real-time examples. The participants comprised of students, academicians and research persons with more than 150 registrations from India.

**Webinar 3**

**Topic :** Self-Compacting Concrete for Skyscrapers - A Malaysian Case Study

It was organised by IEI Student Chapter, Dept. of Civil Engineering, SSN College of Engineering on 22.05.2020. **Dr. Jegathish Kanadasan**, Manager- Business and Product Development, Build Con Concrete SDN BHD (Subsidiary of YTL Cement, Malaysia), **Malaysia** discussed the Self-Compacting concrete, its properties, applications and intricacies of SCC. The speaker also explained the problems in the pumping of concrete on skyscrapers and how to mitigate it with the help of Viscosity modifying agent in mix design of SCC. This event attracted more than 200 registrations from India and Malaysia.

#### Webinar 4

**Topic :** Flooring and Coating in Construction

It was organised by IEI Student Chapter, Dept. of Civil Engineering, SSN College of Engineering on 24.05.2020. **Mr. Abdilla Mauladda Wilkah**, Manager, Flooring and Coating Product, Segment, Fosroc Asia Sdn Bhd., **Malaysia** has briefed about industrial flooring and need for flooring and coating systems, especially highlighting the adverse effect of carbonation on reinforced concrete. The design criteria for flooring systems namely, protection, safety, durability, aesthetics etc and project-related needs namely, traffic and mechanical wear, chemical resistance, temperature effects, slip and impact resistance, permeability to liquids, UV resistance etc., The participants comprised of students, academicians and industry personnel with more than 320 registrations from India, Malaysia and Indonesia.

#### Webinar 5

**Topic :** Tips to Face Technical Interview

It was organised by ACE, Dept. of Civil Engineering, SSN College of Engineering on 25.05.2020. **Prof. G.Augustine Maniraj Pandian**, SRM Institute of Engineering and Technology, Katangulathur, Chennai gave a time-tight session on basics of Civil Engineering where the students and academicians were the major participants with 110 registrations.

#### Webinar 6

**Topic :** Case Studies on Repair and Rehabilitation of Structures

It was organised by ACE, Dept. of Civil Engineering, SSN College of Engineering on 27.05.2020. **Dr.S.Geetha**, Professor, Rajalakshmi Engineering College, An Autonomous Institution, Chennai introduced students to the area of repair and rehabilitation. The speaker explained grouting with a living example and also explained step- step procedure of structure lifting. The participants comprised of students, academicians and industry personnel with more than 200 registrations.

### Webinar 7

**Topic :** QA/QC in Construction

It was organised by IGBC –Student Chapter, Dept. of Civil Engineering, SSN College of Engineering on 03.06.2020. **Er. S.G.Ashok Kumar**, PMP, IGBC gave an elaborated session about the responsibility of an engineer for ensuring the quality of the products and services offered by the company. The speaker also emphasised the need for QA/QC in the construction field, which motivated the students. The participants comprised of students and academicians with more than 230 registrations from India and overseas.

### Webinar 8

**Topic :** Project Management and documentation

It was organised by IGBC –Student Chapter, Dept. of Civil Engineering, SSN College of Engineering on 16.06.2020. **Mr.Kumar Madaswamy**, IIA Vice President, Project Architect HKS, Dallas TX gave an elaborately on the importance of managing a project and talks about the necessity of documentation. The speaker explained the content with related case studies which attracted the participants. The participants comprised of students and academicians with more than 200 registrations from India and abroad.

### Webinar 9

**Topic :** Light Gauge Steel Framing Technology – A Talk on the Next Big Thing

It was organised by IEI Student Chapter, Dept. of Civil Engineering, SSN College of Engineering on 18.06.2020. **Mr. Shahid Badshah**, Business Head, Mitsumi Housing Pvt. Ltd., Mumbai spoke about a novel and modern construction technology-based use of light gauge steel frames in construction of low to mid-rise structures. The participants comprised of students and academicians with more than 400 registrations.

### Webinar 10

**Topic :** Acoustics as a Career: Exclusive Session on Acoustics and Noise Mapping

It was organised by ICE (UK) Student Chapters, Dept. of Civil Engineering, SSN College of Engineering in collaboration with Jain University, Bangalore and KIIT, Bhubaneswar on 30.06.2020. Dr. Francesca Remigi Senior Acoustics Consultant Jacobs, Croydon, **South London, U.K.**, spoke about career prospects as an acoustics engineer dealing with the experiences of the speaker and projects describing methods and techniques adopted in noise mapping of urban localities. The participants comprise of students and academicians with more than 350 registrations across the world.

### Webinar 11

**Topic :** KRACIVA MUSIC NIGHT

The fun club of Department of Civil Engineering, SSN College of Engineering called KRACIVA have organised a fun and entertaining music programme on 02.07.2020. The students of civil engineering department showcased their hidden talents and entertained the participants. This has received good support by the students of civil engineering department as they are reeling under stress due to the lockdown.

### Webinar 12

**Topic :** Procurement Management

It was organised by IGBC –Student Chapter, Dept. of Civil Engineering, SSN College of Engineering on 05.07.2020. **Er. S.G.Ashok Kumar**, PMP, IGBC briefed about procurement management. The speaker showcased the importance of material procurement and the details need to be included while doing a project. The speaker motivated the students by emphasising the importance of material procurement in a project. The participants comprise of students, academicians and industry people with more than 360 registrations.