

Institution of Civil Engineers Student Chapter (UK)
Sri Sivasubramanya Nadar College of Engineering
Kalavakkam, Chennai -603110

Objectives of the association:

- ICE Student Chapter's main objective is to "foster and promote the art and science of civil engineering".
- ICE Student Chapter will enhance and broaden the knowledge and perspective of students at SSN by giving them international Civil Engineering exposure.
- ICE student chapter will be a platform for all Civil Engineering students to develop their abilities and share their knowledge.
- ICE student chapter will foster good relations with allied institutions, organizations and learned societies.
- ICE student chapter will organize seminars, workshops, visits and inter-universities competitions regarding Civil Engineering Projects

ARTICLE (Constitutional Set up)

ARTICLE I

Name: Institution of Civil Engineers (ICE) Sri Sivasubramanya Nadar (SSN) College of Engineering.

ARTICLE II

Membership: The membership for this Student Chapter is open to all SSN students who are currently enrolled in the university, and who have become Student Members of the Institution of Civil Engineers.

ARTICLE III

Mission: ICE Student Chapter's main objective is to "foster and promote the art and science of civil engineering". ICE Student Chapter shall enhance and broaden the knowledge and perspective of students in SSN by giving them international exposure to Civil Engineering worldwide.

ARTICLE IV

Executive Board: The board shall comprise of President, Vice President, General Secretary, Joint secretary, Treasurer and Assistant Treasurer.

President: The role of the President is to plan ahead for the future of the Student Chapter as well as to shoulder the responsibility for each decision made by this Student Chapter.

Vice President: The role of Vice President is to assist the President in managing and leading the Student Chapter in the same vision and direction

General Secretary, Joint Secretary: The general secretary shall uphold the responsibility in all the paperwork of the Student Chapter such as minutes of meeting etc.

Treasurer, Assistant Treasurer: The role of Treasurer is to manage, monitor and to maintain a healthy financial status of the Student Chapter

ARTICLE V

Project Committees: For any projects competitions organized by the Student Chapter, the Project Committees shall be carefully and fairly selected by the Executive Board under the supervision of the Advisors.

ARTICLE VI

Impeachment: For any member of the Student Chapter that violates the rules and agreements between the Student

Chapter and member, that particular member's membership shall be ceased under the agreement of 2/3 of the executive board.

ARTICLE VII

Faculty Advisor: The roles of advisors are to provide guidance and advices to the executive board as well as the members of this Student Chapter in order for the Student Chapter to progress in the right direction.

ARTICLE VIII

Financial audit: The financial audit shall be done by the Treasurer without any external influence. It must be checked and approved by the President and the Advisors.

ARTICLE IX

Amendments: Any amendments can be made with the agreement of the President, Advisors and also 2/3 of the executive board. If any of these disagree, then the amendments shall not be approved.

ARTICLE X

Election: All candidates must be a member of this Student Chapter with a minimum of 1 year service in the Student Chapter. All candidates must be nominated and seconded by members of Executive Board and no member can nominate or second more than one candidate per post. No member may nominate or second him or herself.

ARTICLE XI

Voting: All votes shall be by simple majority. Where a vote is tied, the President shall exercise a casting vote. The vote may be by show of hands, or by secret ballot, as decided in the meeting.

ARTICLE XII

Meeting: The Committee session shall align with the Institution session. There shall be a minimum of three full meetings of the Committee per year at times and places selected at the discretion of the Executive members in agreement with the Institution. Executive meetings shall be as required and in agreement with the Institution. At any Committee meeting, the quorum shall consist of one-half plus one of the Committee memberships. Quorum for any other meetings shall be at the discretion of the Committee.

Activities organized under ICE:

1. The Inaugural Function

A formal Inaugural function was held on March 12th, 2020. Mr S Paulraj (Vice President of BGR Energy systems limited CEng, ICE member) and Mr. Muthukumar Dorairaj (Chief Engineering Manager at Larsen and Toubro(L&T) constructions, head of section of the civil and structural team) graced the occasion and handed over the ICE approval certificate to the principal, SSNCE. There were about 120+ attendees. Mr. Muthukumar Dorairaj spoke on the “leadership skills in civil engineering” by pointing out 2 case studies, one which on E.Sreedharan, the Metro man on India on the successful completion and execution of the Delhi Metro Rail Project and the other one on Mr. A.M Naik, Chairperson at L&T, on his career growth and building a strong foundation on his company that would have Rs.141 crores annual turnout. Mr. Paulraj spoke on “Professional development and Why ICE?” by listing out the ABCs of ICE. A-Activities to promote professional growth, B-Benefits of being a professional member and C-Competencies required for growth.

Photos: (P.T.O)





**SRI SIVASUBRAMANIYA NADAR
COLLEGE OF ENGINEERING**

(An Autonomous Institution Affiliated to Anna University)

DEPARTMENT OF CIVIL ENGINEERING

Inauguration of
**INSTITUTION OF CIVIL ENGINEERS
STUDENT CHAPTER**

GREETINGS!

The Department of Civil Engineering
and The Institution of Civil Engineers
gladly invite you to the Inauguration of
the **INSTITUTION OF CIVIL ENGINEERS
- STUDENT CHAPTER** on the 12th of
March 2020 at the EEE Seminar Hall
by 9.30 am.



2. Webinar 1: “Soft computing in civil Engineering” by Dr. Shabbir Hossain, Herriot Watt university(Malaysia)

The first webinar that was organized under the ICE banner was on “Soft computing in civil engineering – scopes and benefits” which was delivered to us by an assistant professor of Heriot – Watt university(Malaysia) Dr. Mr. Shabbir Hossain, which was held on the 20th of May. It was on Artificial Neural Network(ANN) – its basics, architecture and application and it’s optimization in civil engineering during the Covid-19 pandemic.

Artificial neural networks are defined as systems that solve complex problems for which doesn’t exist sequential algorithms, only examples of solutions, and it’s generate their own rules of learning from examples. Specific researches addressing various problems using artificial neural networks with varying degrees of success were studied: problems in the field of building materials behaviour, geotechnical engineering and structural engineering, structural identification and control, heat transfer problems, transport infrastructure issues, management and technology in construction and installation issues. There were about 120+ participants and the session lasted for an hour.



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DEPARTMENT OF CIVIL ENGINEERING

**INSTITUTION OF CIVIL ENGINEERS (UK)
STUDENT CHAPTER**

WEBINAR ON

**"Soft Computing in Civil Engineering –
Scopes and Benefits"**

20th May, 2020 (Wednesday) | 1:00 pm (IST)



**Dr. Md Shabbir Hossain
Assistant Professor (EGIS)
Heriot-Watt University, Malaysia**



FACULTY COORDINATORS :

**Dr Jijo James
Dr S V Sivapriya**

**Dr N Sivakumar
HOD**

[CLICK HERE TO REGISTER](#)

**Due date for registration : 18th May, 2020 (Monday) | 5:00pm
LIMITED SEATS 250 PARTICIPANTS ON FIRST COME BASIS**

Participants will be provided with E-Certificates



Photos:

Meet - SSN (ICE-UK) Webinar Reminder - Meet - yuf-nvqx-vsr

REC Md.Shabbir Hossain is presenting

YOKESH R B and 114 more

120 You

ANN: architecture

Variables that influence your target
Example: Rainfall

Variable(s) that are targeting to get
Example: Runoff

W (weights): Importance of inputs

Meeting details ^

Turn on captions

Md.Shabbir Hossain is presenting

Type here to search

13:23 20-05-2020

3. Webinar 2: “Light Gauge Steel Frame (LGSF) technology” by Mr. Shahid Badshah, Business head Mitsumi Housing private limited.

The second webinar that was organized under the ICE banner was on “LGSF – Light Gauge Steel Framing Technology” which was delivered by Mr. Shahid Badshah, business head of Mitsumi housing private limited, Mumbai, which was held on 18th June. It is a Novel, Modern Rapid Construction Technology pioneered by a select few in India and gaining rapid momentum right now due to the demand for faster and efficient constructions in both the private and

government sector. There were about 110+ participants. The most important thing about this webinar was the question answer session which had questions coming out from multiple directions on this topic.

Photos:



The poster features a background image of a building under construction with a red-tinted overlay. At the top left is the 'ssn' logo in blue, and at the top right is the 'ice' logo in white on a teal square. The main text is centered and reads: 'SRI SIVASUBRAMANIYA NADAR COLLEGE OF ENGINEERING (An Autonomous Institution Affiliated to Anna University) DEPARTMENT OF CIVIL ENGINEERING INSTITUTION OF CIVIL ENGINEERS (UK) – STUDENT CHAPTER WEBINAR ON LIGHT GAUGE STEEL FRAME TECHNOLOGY – A TALK ON THE NEXT BIG THING 18TH JUNE 2020 | 5:30PM IST'. Below this, on the left, is a portrait of Mr. Shahid Badshah, and on the right, his title: 'MR. SHAHID BADSHAH BUSINESS HEAD, MITSUMI HOUSING PVT. LTD., MUMBAI'. Further down, two names are listed: 'Dr Jijo James Faculty Co-ordinator' and 'Dr. N Sivakumar HOD'. Below these, it states: 'DUE DATE FOR REGISTRATION : 17TH JUN 2020, 2 PM LIMITED TO 250 PARTICIPANTS ON FIRST COME FIRST SERVE BASIS E – CERTIFICATES WILL BE PROVIDED'. At the bottom left is a circular seal of the Institution of Engineers (India), and at the bottom center is the text 'CLICK HERE TO REGISTER' in yellow. At the bottom right is the 'ACE' logo in white on a black background.

ssn

ice

**SRI SIVASUBRAMANIYA NADAR
COLLEGE OF ENGINEERING**
(An Autonomous Institution Affiliated to Anna University)

DEPARTMENT OF CIVIL ENGINEERING
INSTITUTION OF CIVIL ENGINEERS (UK) – STUDENT CHAPTER
WEBINAR ON
LIGHT GAUGE STEEL FRAME TECHNOLOGY
– A TALK ON THE NEXT BIG THING
18TH JUNE 2020 | 5:30PM IST



MR. SHAHID BADSHAH
BUSINESS HEAD,
MITSUMI HOUSING PVT. LTD.,
MUMBAI

Dr Jijo James
Faculty Co-ordinator

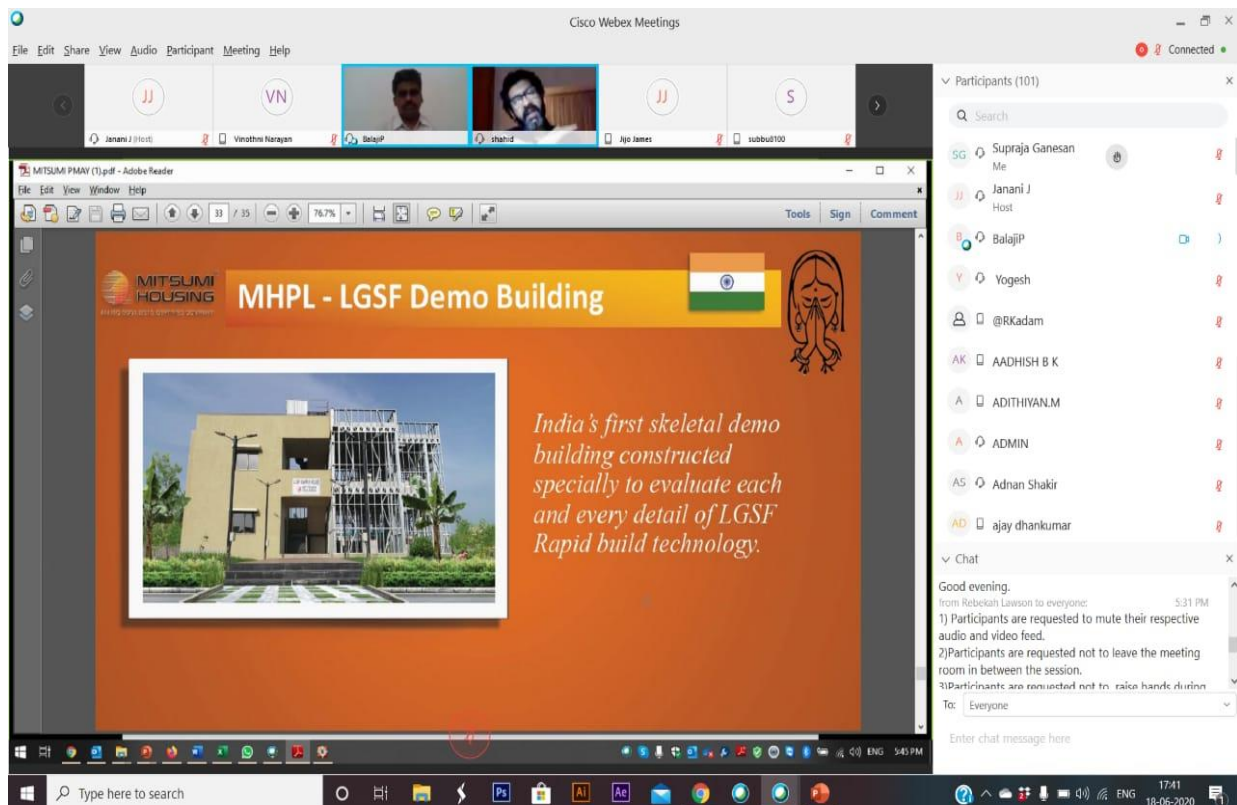
Dr. N Sivakumar
HOD

DUE DATE FOR REGISTRATION : 17TH JUN 2020, 2 PM
LIMITED TO 250 PARTICIPANTS ON FIRST COME FIRST SERVE BASIS
E – CERTIFICATES WILL BE PROVIDED



CLICK HERE TO REGISTER

ACE



4. Student Chapter collaboration event 1: “My life, My passion” series – “Acoustics and Noise mapping” by Dr. Francesca Remigi, chartered civil engineer.

The students chapters of JAIN(Deemed-to-be university), Kalinga Institute of Industrial Technology (KIIT – Orissa) and Sri Sivasubramanya Nadar (SSN) came together in creating “MY LIFE, MY PASSION” series. It is a series of guest talks, intended to encourage students to pursue a career that is full of life and contentment, with each day not just being a new challenge but a new experience. Following this enactment, the collaboration decided to launch its first webinar of the series – “Acoustics and Noise mapping” for those wanted to take acoustics as their profession. Dr. Francesca Remigi was the first guest who was invited to deliver the lecture, which was held on the 30th June 2020. | Dr Francesca Remigi is a chartered civil engineer and a research

doctor in the field of applied physics. She has over 17 years of experience in engineering and acoustics. Here the speaker spoke on what is acoustics, how can it be measured using the devices, what is a noise map and its purpose, how can it be used and told us about her own case study in Venice, in which she conducted experiments and researches and finally generating a noise map of the city that sits on the river. With and 120+ turnouts during the event, we had overwhelming and positive response from audience saying that it was very well organised, which was the moment that we organisers deserved. HODs from all the three institutions lauded this initiative. ICE-UK circulated about the happenings of this event. We had set a global trend and for this collaboration, it was a great and timely success.

Photos:

P.T.O



Student Chapter



KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY (KIIT)
Deemed to be University U/S 3 of the UGC Act, 1956

Membership

My Life, My Passion Series 'Acoustics and Noise Mapping'

Addressed by
Francesca Remigi
CEng, UK
Senior Acoustic Consultant,
Jacobs, Croydon, South London, England.

30 June 2020 17:30 -18: 30 IST

Institution of Civil Engineers is a Registered Charity in England & Wales (no 210252) and Scotland (SC038629).

Instagram: ice.india



My Life My Passion Webinar Series

1 message

Institution of Civil Engineers <email@comms.ice.org.uk>
To: shivomrevankar@gmail.com

Mon, Jun 29, 2020 at 10:19 PM

My Life, My Passion

Having trouble? [View Online](#)



Dear ICE Student Chapter,

The ICE Student Chapter collaboration between the Universities at JAIN, KIIT and SSN in India, have organised an online webinar series, *My Life My Passion*, which will introduce a new guest speaker to discuss their career, projects and interests with the aim to inspire ICE Student members to follow their passion and Civil Engineering as a career.

The first webinar of the series will be held on **Tuesday 30 June 2020 17:30 - 18:30 IST**. Please take a look at the [attached flyer](#) for more details of the lecture, including a brief description about guest speaker, Dr Francesca Remigi.

If you wish to attend this webinar, you will be required to register using the following link [here](#).

Many thanks for your interest and we look forward to seeing as many of you as possible online.

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Contact us

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Google Meet - edr-udqg-wck

meet.google.com/edr-udqg-wck?pli=1&authuser=1

REC francesca Remigi is presenting

JANANI J and 103 more

5:36 PM

Who am I?

Education

- 2003 – MEng in Civil Building Engineering - University of Padova (IT);
- 2005 – Postgraduate Course in Environmental Acoustics University of Ferrara (IT);
- 2007 – Master in Room Acoustics University of Ferrara (IT);
- 2011 - Ph.D. in Industrial Engineering Applied Physics University of Padova (IT);

Membership and Affiliation

- Chartered Member of the Institute of Acoustics (IOA) UK;
- Chartered Member of the Institute of Civil Engineers (ICE) UK;
- Chartered Civil, Environmental and Mechanical Engineer for the Professional Body of Italian Engineers IT;

Work Experience

- Structural Engineer for several companies in Italy (5 years);
- Civil Engineer for ARPAV (Italian Official Environmental Agency for the Protection of Veneto Region) (5 years);
- Acoustic Consultant for AECOM (6 years);
- Senior Acoustic Consultant for Jacobs (since 2019)

Next slide

Who influenced me?

No Notes.

Slide 2 of 36

Shivom Revankar

Christopher Boydell

Alf Greenwood

Sabapathy Y K

Google Meet - edr-udqg-wck

meet.google.com/edr-udqg-wck?pli=1&authuser=1

REC francesca Remigi is presenting

Vikas Suresh Ja... and 113 more

6:17 PM

Noise Mapping

1. Input Data
2. GIS data preparation

Shapefiles

- Three types of shapefile: Points, Lines & Polygons
- Made up of a collection of files: SHP, DBF, SHX, PRJ

Excel

- Standard table OR using x,y coordinates within the excel file to display points

3. IMMI Model

4. Analysis
5. Graphics

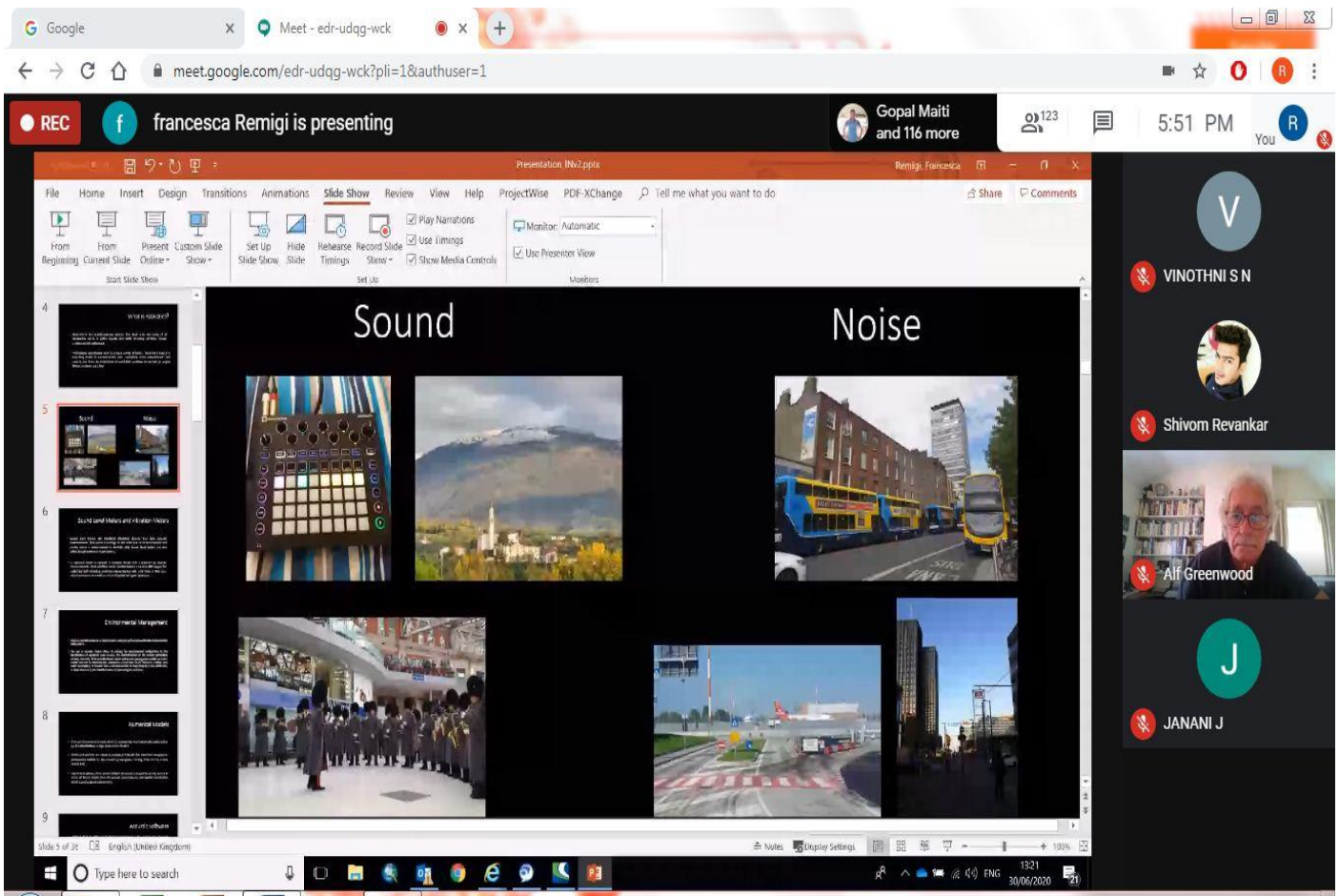
Ashok Ram has left the meeting

JANANI J

Shivom Revankar

VINOTHNI S N

Alf Greenwood



5. Second Pan-India ICE student chapter collab event.

- The Second event under the “My life, My passion” series will be organized soon. The topic would be on Structural engineering. The event is going to be limited only to the colleges of the student chapter and will only entertain about 20+ participants who are really interested to pursue their career in this field. The Event will be like a one-one personal chat with the speaker. This will be organized by the ICE student chapters (Pan-India) of SSNCE (Chennai), Jain (Bangalore), KIIT (Bhubaneswar), MSIT (Kolkata), Jadhavpur university (Kolkata), GVPCOE (Visakhapatnam). PDPU (Gandhinagar).