

## ABOUT CONFERENCE

The intent of organizing the international conference is to provide tremendous opportunities to academics, researchers, and practicing engineers to share the scientific knowledge, industrial experiences, and research outcomes. The theme of conference is "Recent Advancement in Concrete Materials and Engineering Structures" which covers the latest research and techniques applied in Concrete Technology and Structural Engineering arena. Also, this provides an opportunity to develop network and collaborations with International and National Universities and Industries. The beneficiaries of the conference are faculties and research scholars from academia and developers, contractors, and engineers from industry. This would definitely be a platform for knowledge sharing and getting acquainted with latest developments in the emerging technologies in areas such as bridge engineering, tall buildings, steel, masonry and timber structures, earthquake and wind engineering, repair, strengthening and rehabilitation of structures, and optimization of structural elements.

## THEME OF THE CONFERENCE

### CONCRETE MATERIALS

- Green Materials and Technology
- Nano Materials in Concrete
- High Performance Concrete
- Fibre Reinforced Concrete
- Geopolymer Concrete
- Lightweight Concrete
- Pervious Concrete
- Recycled Materials
- Self-Compacting Concrete
- Blast Resistant Concrete
- Application of Industrial Waste in Concrete
- Self-Healing Concrete
- 3D Printing Technology

### ENGINEERING STRUCTURES

- Bridge Engineering
- Earthquake and Wind Engineering
- Tall Buildings
- Structural Analysis and Design
- Repair, Strengthening and Rehabilitation of Structures
- Case Studies of Structural Failures
- Preservation of Historic Buildings
- FRP Applications in Construction
- Steel Structures
- Blast and Impact Resistance
- Fire Engineering
- Timber Structures
- Structural Assessment, Damage Detection and Health Monitoring
- Concrete and Masonry Structures
- Optimization of Structural Elements
- Durability and Long-term performances of Structures
- New Technologies, Methods and Techniques in Structural Engineering
- Steel-Concrete Composite Construction

## ABOUT VIT

VIT was established with the aim of providing quality higher education on par with international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. The campus has a cosmopolitan atmosphere with students from all corners of the globe. Experienced and learned teachers are strongly encouraged to nurture the students. The global standards set at VIT in the field of teaching and research spur us on in our relentless pursuit of excellence. In fact, it has become a way of life for us. The highly motivated youngsters on the campus are a constant source of pride. Our Memoranda of Understanding with various international universities are our major strength. They provide for an exchange of students and faculty and encourage joint research projects for the mutual benefit of these universities. Many of our students, who pursue their research projects in foreign universities, bring high quality to their work and esteem to India and have done us proud. With steady steps, we continue our march forward. We look forward to meeting you here at VIT.

## ABOUT SCE

The School of Civil Engineering (SCE) is a part of the institute since the inception of VIT. The School has grown tremendously over the past thirty years and is now recognized as one of the major engineering school in VIT. The School has faculty members from various reputed institutes such as IITs, NITs etc. Besides high quality teaching and research at both UG and PG levels, the faculty members of the school are actively involved in executing a number of R & D and Consultancy projects from government agencies including DBT, DST, ISRO, UGC, AICTE, and also from many reputed industries. The School offers two postgraduate programs: M.Tech in Structural Engineering & M.Tech in Construction Technology and Management. The School of Civil Engineering with its multifaceted faculty members continues to maintain and cultivate its strong link with the infrastructural industry such as L & T, HCC, DLF, RAMCO, CCL, Godrej, TATA Consultancy, etc. The school has also regularly benefited from international linkages facilitated by University-level MoUs with a number of leading foreign Universities such as Deakin University, Queensland University of Technology (QUT), West Virginia University, North Dakota State University etc.

Two days Virtual Conference on

# 2<sup>nd</sup> International Conference on Recent Trends in Construction Materials and Structures

ICON 2021

Organised by  
**Department of Structural and Geotechnical Engineering School of Civil Engineering, VIT**

In Association with



Jointly Organizing with



25<sup>th</sup> & 26<sup>th</sup> November 2021



Vellore Institute of Technology, Vellore

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<https://vit.ac.in/icon/index.html>

## Important Dates

Abstracts Due	25 <sup>th</sup> August 2021
Extended Abstract Due	3 <sup>rd</sup> September 2021
Abstracts Acceptance Notification	06 <sup>th</sup> September 2021
Full Length Papers Due	27 <sup>th</sup> September 2021
Camera ready papers Due:	14 <sup>th</sup> October 2021
Authors Registration Deadline	28 <sup>th</sup> October 2021
Early Bird Registration:	5 <sup>th</sup> November 2021
Late Registration:	

## Registration

Student (UG/PG/Research Scholar)	INR 1000	INR 1200
Academic/Industrial Delegates	INR 1200	INR 1400
Foreign Authors	USD 90	USD 110

## MEMBERS

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#### Dr. Sundar Kumar S

Senior Scientist Structural Engineering Research Centre (SERC), Chennai

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A Place to Learn and A Chance to Grow

## OUR KEYNOTE SPEAKERS



### Dr. Duc-Hien LE

Faculty of Civil Engineering  
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### M. Yang, Ph.D., P.E.

Associate Professor,  
Department of  
Civil, Construction and  
Environmental  
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### Dr. Ehsan Nikbakht Jarghouyeh

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