



An International Conference on Structures, Material and Construction 2021 (ICSMC)

Call for papers

ICSMC 2021 aims to provide a unique international platform and forum for academicians, researchers, professionals, and students engaged in the field of structural design, construction and materials to share their experiences and exchange the ideas pertaining to innovations in design and construction practices with the use of new materials. The conference will play a key role in bridging the existing gap between practitioners and academicians who are aware of with the latest developments in the field structural engineering and provide information on innovations in structural design, new construction materials, and construction techniques. ICSMC 2021 will feature keynote lectures and plenary speeches by world renowned speakers and the oral papers by delegates. Considering COVID-19 pandemic, participants are requested to present their talks/presentations related to their research work in online mode/recorded presentations. All the papers will be peer reviewed, and an extended abstract volume of the papers accepted for ICSMC 2021 will be published.

Two Best Paper Awards will be administered for oral presentations. The Conference Schedule for two days is planned such that participants can easily and actively participate in this conference in online mode from their respective places.

12th -13th November 2021 via Virtual Mode

Organized by:

Department of Civil Engineering,
Jaypee University of Information Technology,
Waknaghat, Solan 173234,
Himachal Pradesh, India.



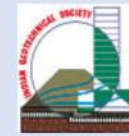
Partner Institutions:



ATRIA
Institute of
Technology,
Bengaluru



Institution of
Civil
Engineers
(India)



Indian
Geotechnical
Society, Shimla
Chapter



Institution of
Engineers
(India), Shimla
Chapter



Indian Green
Building
Council,
Chandigarh
Chapter



*Selected articles will be published in Scopus
Indexed Springer Book Series Lecture Notes in
Civil Engineering.*

Important Dates

Last date for Abstract Submission:	15th April 2021 30 th April 2021
Intimation of Acceptance of Abstract:	30th April 2021 15 th May 2021
The last date of Full Paper Submission:	31 st July 2021
Notification of Paper acceptance/Revision	31 st August 2021
Registration Ends on:	1 st Oct 2021 (Early Bird), 31 st Oct 2021 (Late)
Conference dates:	12 th – 13 th November 2021

Dr. Kong Kian Hau
Academic and
Research Person



Mr. Animesh Jain
Industry Expert



Dr. Arunasis Chakrobarty
Academic and
Research Person



Dr. Souradeep Gupta
Academic and
Research Person



Dr. S. Arunachalam
Academic and
Research Person



Prof. Sandeep Chaudhary
Academic and
Research Person



Mr. Arpit Mehta
Industry Expert



Dr. Geng Guoqing
Academic and
Research Person



Prof. Sandeep Singh
Academic and
Research Person



Prof. S. Suriya Prakash
Academic and
Research Person



Conference Themes

- Automation and Robotics in Construction
- Biomaterial, Solar Material and Nuclear Materials
- Bridge Engineering
- Building Information Model
- Building Information Modeling
- Building Mechanical
- Building Technology
- Bulk Metallic Glass
- CAD/CAE
- Cartography and Geographic Information System
- Claim and Dispute Resolution
- Composite Materials & Structures
- Composites, Intermetallic, Functionally Graded Materials
- Computational Geomechanics
- Computational Mechanics
- Computational Technology
- Computer Simulation and CAD/CAE
- Concrete Structures
- Concrete technologies
- Construction and Control
- Construction Contracts
- Construction Education and Training
- Construction management
- Construction Productivity Improvement
- Construction Project Administration
- Cost, Time, Quality, and Safety Management
- Design and Engineering Management
- Design Code & Design of Structures
- Detection and Transformation
- Disaster Prevention and Mitigation
- Earth Structures
- Electrical, Optical and Magnetic Materials
- Emerging Materials for Energy Storage
- Engineering Management
- Environment-Friendly Construction and Development
- Fatigue, Fracture and Failure Mechanics
- Fatigue/Fracture Mechanics
- Fiber Reinforcement
- Foundations Fuzzy Logic, Neural Networks
- Green materials and construction technologies
- Harbor Engineering

- Heating, Gas Supply, Ventilation and Air Conditioning Works
- High Entropy Alloys
- High-performance materials
- Hybrid and composite structures
- Hydraulic Engineering
- Information Technology in Construction
- Innovations in Bridge Engineering
- Innovations in structural design
- Integrated Project Delivery
- International and Global Issues in Construction
- Project Management
- Legal Systems for Construction
- Local and recycled materials
- Long Span Structures & Cables
- Management of the Construction Firm
- Masonry Walls & Structures
- Material Quality and Control
- Material Testing
- Materials Characterization
- Metallic Structures
- Metamaterials
- Micro analysis and Analytical Technique
- Monitoring and Control of Structures
- Multiscale Multiphysics Mechanics
- Natural and Green Materials
- Next Generation Material
- Non-linear Analysis
- Non-metallic reinforcement
- Numerical Modeling
- Operation and Maintenance
- Optimum Design of Structures
- Plumbing Systems
- Polymer, Ceramics and Glass Materials
- Pre- & Post- Processing
- Principles of Construction Management
- Project Controls
- Project Delivery Systems Project Management
- Properties and Characterization of Materials
- Reinforced and Pre-stressed Concrete Structures

- Reliability and Durability of Structures
- Road, Bridge and Railway Engineering
- Safety and Monitoring
- Safety and Reliability
- Sanitary and Ground Water Engineering
- Seismic Engineering
- Shape Memory Alloys
- Shell/Plate/Membrane Structures
- Smart Cities
- Smart Structures and Materials
- Stability of Structures
- State-of-the-Art in Construction Engineering and Management
- Steel Structures
- Stochastic Analysis
- Structural Analysis and Design
- Structural Dynamics
- Structural dynamics and earthquake engineering
- Structural Engineering
- Structural Engineering and Disaster Reduction
- Structural health monitoring, retrofitting, strengthening and rehabilitation
- Structural Mechanics
- Structural Rehabilitation, Retrofitting and Strengthening
- Surveying and Geo-informatics
- Surveying and Photogrammetry
- Surveying Engineering
- Sustainability and the Environment
- Tall Building Structures
- Tall Structures & Cooling Towers
- Theoretical Geomechanics
- Transportation Engineering
- Tunnel, Subway and Underground Facilities
- Tunneling & Underground Spaces
- Urban Planning
- Vibrations and Controls
- Water Supply and Drainage Engineering
- Wind Effects on Large Scale Structures

Keynote Speakers

- > **Dr. Kong Kian Hau**
Academic and Research Person
National University of Singapore
- > **Mr. Animesh Jain**
Industry Expert
Director, JCC Infra projects Pvt. Ltd., India
- > **Dr. Arunasis Chakrobarty**
Academic and Research Person
Department of Civil Engineering, IIT Guwahati, India
- > **Dr Souradeep Gupta**
Academic and Research Person
Centre for Infrastructures Engineering and Safety, UNSW Sydney
- > **Dr. S. Arunachalam**
Academic and Research Person
Director (WEAC), JUET Guna, India
- > **Prof. Sandeep Chaudhary**
Academic and Research Person
Department of Civil Engineering, IIT Indore
- > **Mr. Arpit Mehta**
Industry Expert
Scientific Officer at Department of Atomic Energy (DAE), NPCIL, India
- > **Dr. Geng Guoqing**
Academic and Research Person
Department of Civil and Environmental Engineering, National University of Singapore
- > **Prof. S. Suriya Prakash**
Academic and Research Person
Department of Civil Engineering, IITH, India
- > **Prof. Sandeep Singh**
Academic and Research Person
Department of Earth Science, IITR, India

Dates and Venue

The Conference will be held, from 12th -13th November 2021, at Jaypee University of Information Technology, Wanknaghat, Solan, Himachal Pradesh, India in virtual mode.

Google map link: <https://goo.gl/maps/Z1fzCWRPpha2Azit9>

GPS Coordinates: 31.0166° N, 77.0702° E.

Registration Fees

Category	Early Bird Registration (On or before 01/10/2021)	Late Registration (On or before 31/10/2021)
	Indian Author	Indian Author
UG/P.G/PhD Students/JUIT Faculty	INR 1000/-	INR 1500/-
Faculty/ Researchers/ Industry persons/ Delegates/ Academicians	INR 2000/-	INR 2500/-
	Outside India	Outside India
UG/ P.G/ PhD Students	USD 50/-	USD 70/-
Faculty/ Researchers/ Industry persons/ Delegates/ Academicians	USD 100/-	USD 120/-
Listener (Without Paper Submission)	INR 500/-	INR 500/-

For More Details about fee please visit our website

<https://www.juit.ac.in/ICSMC2021/registration.html>

Or email to us at icsmc@mail.juit.ac.in



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- Acknowledgement during the opening and closing ceremony
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- Logo in e-booklets, flyers, and proceedings
- Logo in main e-poster for the conference
- 10 Minutes presentation opportunity about company's products or services in the congress

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- Acknowledgement during the opening and closing ceremony
- Logo in website with hyperlink
- Logo in social media publication for the event
- Logo in email blasts to all attendees
- Logo in e-booklets, flyers, and proceedings
- Logo in main e-poster for the conference

Interested firms/organisation contact for sponsoring this event, please write an email to: icsmc@mail.juit.ac.in

About the University

Jaypee University of Information Technology, Wanknaghat is Set up by Act No. 14 of 2002 vide Extraordinary Gazette notification of Government of Himachal Pradesh dated May 23, 2002. Approved by the University Grants Commission under section 2(f) of the UGC Act, vide letter no. F.9-10/2002(CPP-I) dated 09 Dec. 2002. At present, 06 UG and 08 PG courses are being offered in engineering. The University is offering Ph.D. in Bioinformatics, Biotechnology, Civil Engineering, Computer Science & Engineering, Electronics & Communication Engineering, Humanities & Social Sciences, Mathematics and Physics & Materials Science.

About the Department

Civil Engineering Department has been accredited by National Board of Accreditation (NBA) since 2008. It is running three full time PG programmes (Structural Engg.; Construction Management; Environmental Science & Engineering) along with UG programme in Civil Engineering. In addition, a Ph.D. degree is offered in the areas of Geotechnical Engineering, Structural Engineering, Construction Management, Hydropower Engineering, Environmental Engineering and Water Resources. The department has the state of art facilities for pursuing various R & D activities. The Department is actively engaged in providing consultancy services and training program to different government and private sector in and around Himachal Pradesh and Haryana.

International Advisory Committee

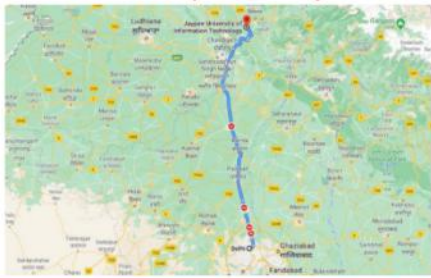
- **Dr. Kong Kian Hau**
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- **Dr. Ajay Shanker**
University of Florida, USA
- **Dr. Souradeep Gupta**
UNSW, Sydney
- **Dr. Geng Guoqing**
NUS, Singapore

Address for correspondence

For sending copy of the registration form, and Full length paper:

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Location Map of University



National Advisory Committee

- **Dr. Arunasis Chakraborty**
IIT, Guwahati
- **Prof. S. Suriya Prakash**
IIT, Hyderabad
- **Prof. Sandeep Singh**
IIT, Roorkee
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Vice Chancellor, Jaypee University of Information Technology, HP, India

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Head, Department of Civil Engineering, Jaypee University of Information Technology, HP, India

Conference Chair

- **Dr. Tanmay Gupta**
Department of Civil Engineering,
Jaypee University of Information Technology

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Abstract and Paper Submission can be done at following address

<https://ocs.springer.com/misc/home/ICSMC2021>

e-mail: icsmc@mail.juit.ac.in

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