

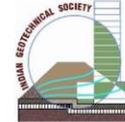


ICSMC 2021

An International Conference on Structures, Material and Construction 2021
Organised By - Department of Civil Engineering JUIT, Wagnaghat



In association with



CONFERENCE SCHEDULE

DAY I

Date: 12 – 11 – 2021 (Friday)

CHIEF GUEST: Dr. Kong Kian Hau, Department of Civil and Environmental Engineering, National University of Singapore

Program	Particulars	Time
Inaugural Function	Welcome Address and Introduction of the Dignitaries by Dr. Tanmay Gupta, Conference Chair ICSMC	10.00AM-10:05AM
	About ICSMC2021 by Dr Tanmay Gupta, Conference Chair ICSMC	10.05AM-10.10AM
	Address by Chief Guest: Dr. Kong Kian Hau, National University of Singapore	10:10AM-10:15AM
	Address by Prof. Rajendra Kumar Sharma, Vice-Chancellor JUIT and Patron ICSMC	10:15AM-10:25AM
	Address by Er. S.L Swami, Chairman ICE India	10:25AM-10:30AM
	Address by Ar. Jit Kumar Gupta, Chairman IGBC Chandigarh Chapter	10:30AM-10:35AM
	Address by Dr. T N Sreenivasa, Principal AIT Bangalore	10:35AM-10:40AM
	Address by Er. Pankaj Dadwal, Chairman IEI Shimla Chapter	10:40AM-10:45AM
	Address by Prof. Ashok Kumar Gupta, Chairman IGS Shimla Chapter (Principal General Chair, ICSMC)	10:45AM-10:50AM
	Address by Prof. Ashish Kumar, HOD Civil, JUIT (Principal General Chair, ICSMC)	10:50AM-10:55AM
	Vote of Thanks by Dr. Tanmay Gupta, Conference Chair ICSMC	10:55AM-11:00AM

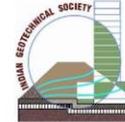


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Program	Particulars	Time	
KEYNOTE	Keynote Address-1	11:00 AM – 12:00 Noon	
	Speaker: Dr. Kong Kian Hau, Department of Civil and Environmental Engineering, National University of Singapore		
	Topic: Chemical Admixtures for Autonomous Healing in Concrete: The Past, Present and Future		
	Moderator: Dr. Tanmay Gupta		
		Particulars	Time
	Keynote Address-2	12:00 Noon – 1:00 PM	
	Speaker: Dr. Souradeep Gupta, Centre for Sustainable Technologies, Indian Institute of Science (IISc), Bangalore		
	Topic: Investigation of biochar from biomass waste as a carbon sequestering admixture in cement-based building materials		
Moderator: Dr. Tanmay Gupta			

Program	Particulars	Time
	Technical Sessions I (3 Parallel Sessions)	11:00AM – 1:00 PM
Program	Particulars	Time
	Lunch Break	1:00 PM– 2:30 PM

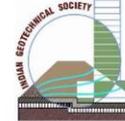


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Program	Particulars	Time	
KEYNOTE	Keynote Address-3 [INDUSTRY KEYNOTE]	03:00 PM – 04:00 PM	
	Speaker: Mr. Arpit Mehta, Scientific Officer at Department of Atomic Energy (DAE), NPCIL, India		
	Topic: Momentum for Young Civil Engineers		
	Moderator: Dr. Tanmay Gupta		
		Particulars	Time
	Keynote Address-4	04:00 PM – 05:00 PM	
	Speaker: Prof. Sandeep Singh, Department of Earth Sciences, IIT Roorkee, India		
	Topic: Vernacular Heritage Practices for Earthquake Resilient Structures in Himalayan Region		
	Moderator: Dr. Tanmay Gupta		
		Particulars	Time
	Keynote Address-5	05:00 PM – 06:00 PM	
	Speaker: Prof. Sandeep Chaudhary, Department of Civil Engineering, IIT Indore, India		
Topic: Development of Sustainable Building Products: Interdisciplinary Approach of Science and Technology			
Moderator: Dr. Tanmay Gupta			
Program	Particulars	Time	
	Technical Sessions II (3 Parallel Sessions)	02:30PM – 04:30 PM	

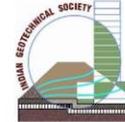


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DAY II

Date: 13 – 11 – 2021 (Saturday)

Program	Particulars	Time
WELCOME	Welcome Address by Dr. Tanmay Gupta, Conference Chair ICSMC	09.45AM-09:50AM
	Summary (Day 1) of ICSMC2021 by Dr. Tanmay Gupta, Conference Chair ICSMC	09.50AM-09.55AM
	Address and Welcome by Principal General Chair: Prof. Ashish Kumar, HOD Civil, JUIT	09:55AM-10:00AM

Program	Particulars	Time
KEYNOTE	Keynote Address-6	10:00AM – 11:00 AM
	Speaker: Prof. S. Arunachalam, FNAE, FIE Director (WEAC), JUET Guna, India	
	Topic: Wind-induced lock-in Effects on Tall Circular Structures	
	Moderator: Dr. Tanmay Gupta	
		Time
	Keynote Address-7	11:00 AM – 12:00 Noon
	Speaker: Prof. S. Suriya Prakash Department of Civil Engineering, IITH, India	
	Topic: Corrosion Free Fibre Reinforced Polymer Reinforcing Bars for Concrete Structures	
Moderator: Dr. Tanmay Gupta		

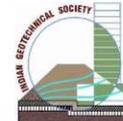


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	Particulars	Time
	Keynote Address-8	
	Speaker: Dr. Arunasis Chakrobarty, Department of Civil Engineering, IIT Guwahati, India	12:00 Noon – 01:00 PM
	Topic: Kalman Filter and Its Advanced Variants for Condition Assessment of Civil Infrastructure	
	Moderator: Dr. Tanmay Gupta	

Program	Particulars	Time
	Technical Session III (3 Parallel Sessions)	10:00AM – 1:00 PM
Program	Particulars	Time
	Lunch Break	01:00 – 2:00 PM

Program	Particulars	Time
KEYNOTE	Keynote Address-9 [INDUSTRY KEYNOTE]	03:00 PM – 04:00 PM
	Speaker: Mr. Animesh Jain, Director, JCC Infraprojects Pvt. Ltd., India	
	Topic: Bridging the Gap Between the Academia and Construction Industry	
	Moderator: Dr. Tanmay Gupta	
	Particulars	Time



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	Keynote Address-10	04:00 PM – 05:00 PM
	Speaker: Dr. Geng Guoqing, Department of Civil and Environmental Engineering, National University of Singapore	
	Topic: Structure and Property of Alkali Silica Reaction Products - Recent Evidence from Synchrotron-Radiation	
	Moderator: Dr. Tanmay Gupta	
Program	Particulars	Time
	Technical Session IV (3 Parallel Sessions)	02:00PM – 04:30 PM

CHIEF GUEST: Dr. Geng Guoqing, Department of Civil and Environmental Engineering, National University of Singapore

Program	Particulars	Time
Valedictory Function	Report of DAY 1 and DAY 2 by Dr. Tanmay Gupta, Conference Chair ICSMC	05.00PM - 05:05PM
	Welcome address by Prof. Ashok Kumar Gupta, Principle General Chair ICSMC	05.05PM - 05.10PM
	Address by Chief Guest Dr. Geng Guoqing, National University of Singapore	05:10PM - 05:15PM
	Declaration of Best Paper Award by Chief Guest	05:15PM - 05:20PM
	Participants Feedback and Address by Prof. Ashish Kumar, HOD Civil, JUIT	05:20PM-05:25PM
	Vote of Thanks by Dr. Tanmay Gupta, Conference Chair ICSMC	05:25PM-05:30PM