

**1ST INTERNATIONAL E-CONFERENCE
ON
SUSTAINABLE APPROACH FOR RESILIENT INFRASTRUCTURE
(IC-SAFRI-2021)
26-27, June 2021**

DAY 1 (26-06-2021)			
Inaugural Session			09:30 to 10:30 AM
SESSION 1 (Sustainable materials and management)			
Keynote Lecture	Dr. Johnson Alengaram U	Encompassing non-traditional construction materials in the development of sustainable construction and challenges	10:30 to 11:00 AM
Session Chair	Dr. Veje, University of Malaya, Malaysia		
Session Co-Chair	Prof. P. Sreenivas Sarma, CBIT, Hyderabad		
Session-Coordinator	M. Aparna		
S.No	Paper ID	Paper Title	Time
1	M4	Studies on Concrete Made of Quartz and Feldspar Mineral Mining Materials for Sustainability B. Udayasree, T. Raja Ramanna	11:00 AM to 01:30 PM
2	M5	A review on the durability and applicability of Geopolymer concrete from the recent research studies Sarfaraz Ali, Dr A. K. Sachan	
3	M8	Mechanical Properties of Geopolymer Concrete Reinforced with Steel and Glass Fibres with Various Mineral Admixtures Y. Naveen Kumar, Dr.B.Dean kumar, Dr.B.L.P Swami	
4	M14	Self-Healing Concrete Mohammed Safiuddin, Shaik Ithessaam, Rizwan Abdul Kareem, Shalam	
5	M37	Life Cycle Assessment of a Building using Open-LCA software Yashwanth Pamu, Dr. VSS Kumar, Mohammad Abdul Shakir, Hemanjali Ubbana	
6	M44	Towards sustainable construction through the application of low carbon footprint products and demonstration projects Ranjetha, U. Johnson Alengaram, Alnahhal AAE, Karthick S, Wan Zurina WJ, Rao K.J.	
7	M48	Cellular lightweight concrete using palm oil industrial waste as cement replacement material and fine aggregate Ahmed Alnahhal, Abraham HB, U. Johnson Alengaram, Walid Deboucha, Karthick S	
8	CT1	Risk Assessment Of Cost Overrun Using Fuzzy Logic Model Alekhyia Gullapudi, Dr. K. Shashikanth, Prof.M Anjaneya Prasad	
9	M24	A Comparative Study Of Mechanical Properties Of M20 Grade Conventional Concrete And Cement Partially Replaced By Cda And Rha Subjected To Different Methods Of Curing Sangam Ekasila, Mohammed Safiuddin, Dr Syed Anisuddin	
LUNCH			01:30 to 02:30 PM
SESSION 2 (Materials and Transportation engineering)			

Keynote Lecture	Dr. Kalaaga Ramachandra Rao	An Approach Towards Sustainable Urban Transportation- Challenges and Opportunities	02:30 to 03:00 PM
Session Chair	Dr. M. Kumar, Principal, OUCE, OU		
Session Co-Chair	Prof. S.S.V. Chalam, CBIT, Hyderabad		
Session-Coordinator	Dr. P. Yugendar		
S.No	Paper ID	Paper Title	Time
1	T3	The Parametric Comparison of Perpetual Pavements with respect to Life-cycle Cost and Greenhouse Gas Emissions Saurabh Kulkarni, M. S. Ranadive	03:00 to 05:30 PM
2	T4	Mitigation Of Black-Spot's On Highways By The Application Of Safe System Approach - A Review Naveen Sagar, Dinesh K Yadav, Sujesh D. Ghodmare	
3	T11	Modelling of choice behaviour of modes in leisure travel: A case study of Indian City S Praveen, Dr M Kumar	
4	M7	Effect of MgSO ₄ Solution On Recycled Aggregate Concrete Sonali Panda, T. Jena, K. C. Panda, C.R. Panda	
5	M18	A Study on Mechanical Properties of High Strength Concrete With Partially Replacement of Cement Bhotla Harish, Dr. N.R. Dhakshina murthy and malegram sridhar	
6	M22	The Flow Properties of SCC with Marble Waste Powder as a Partial Substitute for Cement Vijendra Jarugumalli, L.N.K.Sai.Madupu	
7	M60	Crushed Stone Dust as a Replacement for River Sand in Self Compacting Repair Mortars - A Sustainable Solution Mohammed Faeq Ahmed, Krishna Rao M.V., Bhukya Prakash	
8	M31	Utilization of a Mixture of Waste Plastic Material and Granite Particles as a Partial Replacement of Coarse Aggregate in Concrete Blocks Khaja Musab Manzoor, Shaik Asif Ali, Syed Ehteshamuddin, Ibrahim Ali, Syed Saifuddin, Haseeb Ahmed	
DAY 2 (27-06-2021)			
SESSION 3 (Miscellaneous)			
Keynote Lecture	Dr. M.R. Madhav	Sustainable Developments - Geotechnical alternatives	09:30 to 10:00 AM
Session Chair	Dr. K.S. Raju, Professor, BITS, Hyderabad		
Session Co-Chair	Sri. R. Ranga Reddy, CBIT, Hyderabad		
Session-Coordinator	Mrs. K. Manasa		
S.No	Paper ID	Paper Title	Time
1	G3	An Experimental Study on the Soil Reinforced Blocks Chinoori Shiva Prasad, Shireesha. k, Bhanu Kumar, and Pushpa kumari	10:00 AM to 12:30 PM
2	T10	Evaluation of coir Geotextile to Reinforce the Weak Subgrade Soil under Different Loading Conditions for Low – Volume Roads D. Harinder, P Yugendar, S. Shankar	
3	C4	Evaluation of Water Quality Index at Gandipet Lake Surroundings	

		Ramnarayan Sankrithi , Saravanan Subbarayan, Aswari Sultana Begum, Allu Venkatakrishna Reddy, Banoth Naveen	
4	C5	Performance evaluation of composite coagulant in treating textile wastewater E. Sakthivel , R. Manoj Suburam	
5	M 59	To Study on properties of porous concrete incorporating Aloevera and Marble waste powder as a cement Replacement Ankamaraju Oggu , L.N.K.Sai.Madupu	
6	M69	Effect of high temperature on Coconut Fiber Reinforced Concrete Avubothu Maheshwari , Ponaganti Saiteja, Sunkari Ramya and Ganta Mounika	
7	M78	Experimental Study on Strength Properties of Concrete with Partial Replacement of Coarse Aggregate by Rubber Tyre Waste Dhivya K , Priyadarshini K	
8	M80	Experimental Behaviour Of Fibre Reinforced Self Compacting Concrete Under Cyclic Loading P. Jeganmurugan , A. Sree Rameswari, N. Anuja	
9	M81	A Study On Mechanical Properties Of Alkali Activated Ground Granulated Blast Furnace Slag Concrete Manojsuburam R , Sakthivel E, Jayanthimani E	
LUNCH			12:30 to 01:30 PM
SESSION 4 (Structural engineering and sustainability)			
Keynote Lecture	Dr. P. Ratish Kumar	Development of a Framework for Sustainable Materials Assessment – Way Forward	01:30 to 02:00 PM
Session Chair	Dr. V. Bhishma, Professor, OUCE, OU		
Session Co-Chair	Sri. A. Balaji Rao, CBIT, Hyderabad		
Session-Coordinator	Sri. P. Srinivas Reddy		
S.No	Paper ID	Paper Title	Time
1	M10	An Experimental Study on Flexural Performance of RC beams Strengthened by NSM Technique using GFRP Strips for A Resilient Infrastructure System Kusuma Y , Rashmi T, Nikitha Anand V and Balaji N C	02:00 PM to 04:30 PM
2	M12	Optimization of Location of Outrigger System in Tall Buildings of Different Aspect Ratios Pradeep Gunda , Dr. Vimala Anthugari	
3	M13	Dynamic Performance of Soft-Storey Structures with Gap Elements at Beam-Column Joints Mrudula Chanumolu , Dr.Vimala Anthugari	
4	M33	An experimental study on R.C beam-column joints under cyclic loading Avari Nagaraju , V.B. Reddy Suda	
5	M56	Mode Shape Modification Of Irregular Buildings A. Balaji Rao , P. Srinivas Reddy, Ch. Meghana Shaly	
6	M77	Concrete Beam with Profiled Reinforcement E. Arundhava Priya , N. Mohanraj, D. Sarathkumar	
7	M61	Experimental Study on Mechanical and Durability properties of Recycled Aggregate Based Geo- Polymer Concrete R.Swami Ranga Reddy , B. Anand Sagar Rathod	

8	M79	Experimental Study On The Behavior Of Steel Fibre When Used As A Secondary Reinforcement In Reinforced Concrete Beam Pradeep kumar, M. Shahul Hameed	
Valedictory session			04:30 to 05:00 PM