

Dr. A S Krishnanunni, CEPT University, Ahmedabad

Dr. E V S Kiran Kumar Donthu, IIT BHU, Varanasi

Time	LHC CR0102	LHC CR112
09:30-09:40	Abstract ID: 0728 (FRP reinforced and strengthened lightweight concrete beams: A state of the art review on different structural parameters)	Abstract ID: 8394 (Performance Evaluation of Geopolymer Concrete Incorporating Steel Fiber)
09:40-09:50	Abstract ID: 9012 (Experimental Investigation on Strength Characterization of concrete incorporating Fly Ash and PET Aggregates)	Abstract ID: 8255 (Fresh and Strength properties of fly ash based geopolymer concrete incorporating with plastic waste replacing fine aggregate partially)
09:50-10:00	Abstract ID: 9742 (Impact of Waste Material on Compressive Strength of Concrete)	Abstract ID: 1724 (New-Age Construction Materials Graphene Oxide: Innovations for a Sustainable Future)
10:00-10:10	Abstract ID: 4604 (Cold Bituminous Emulsion Mix: Overview)	Abstract ID: 7251 (Nano materials in concrete: A review of current progress, benefits & challenges)
10:10-10:20	Abstract ID: 1371 (Experimental investigation on combined effects of GGBS and nano silica on the structural properties of RC element with steel fibres)	Abstract ID: 2056 (Sustainable cementitious composites using waste borosilicate glass powder)

High tea for technical chair(s)

10:20-10:50	Abstract ID: 4973 (Geopolymer Concrete- A Carbon Sink Material)	Abstract ID: 3558 (Towards sustainable ternary cementitious composites using borosilicate glass powder and densified silica fume)
10:50-11:00	Abstract ID: 9315 (Effect Of Agro-Waste with Minimum Pre-Treatment Process on the Mechanical Properties on Cementitious Composites)	Abstract ID: 0759 (Performance of Recycled Gypsum from Waste Drywall as a Partial Replacement of Portland Limestone Cement)
11:00-11:10	Abstract ID: 5512 (Development of green concrete for strength and durability)	Abstract ID: 9265 (Performance evaluation of self-healing properties of concrete incorporating silica fume for rigid pavements)
11:10-11:20	Abstract ID: 5649 (Compressive Behaviour of Lightweight Graded Foamed Concrete Blocks in Out-of-Plane Direction)	Abstract ID: 1947 (Bio-Based Building Insulation Using Juncus Acutus Fibers and Recycled EPS: A Thermophysical Performance Study)
11:20-11:30	Abstract ID: 8866 /1149 (Comparative Seismic Risk Assessment of RC Buildings Using RVA Methods: A Case Study in Nicosia's Walled City)	Abstract ID: 5574 (A study of the various materials used in shading systems for reducing heat gain in buildings)
11:30-11:40	Abstract ID: 4760 (Mritinga (Bambusa tulda) Fiber-Reinforced Lime Mortar for Heritage Restoration: A Multi-Analytical Investigation of Mechanical, Durability, and Photoluminescence Properties)	Abstract ID: 6129 (Development of Thermal Insulated Structural Concrete and Its Mechanical Strength Using Different Lightweight Aggregates)
11:40-11:50	Abstract ID: 5780 (Cement composite with brake lining waste and carbon fiber: electrical and mechanical properties)	Abstract ID: 6379 (Performance Analysis of Self-Compacting Concrete Using Recycled Coarse Aggregate and Normal Coarse Aggregate)
11:50-12:00	Abstract ID: 5587 (Impact and durability properties of geopolymer concrete with recycled aggregates)	Abstract ID: 6401 (Interior and exterior effects of mixed microbial culture in plastic waste based aggregate concrete)

Lunch break for technical chair(s)

Dr. T Palanisamy, NIT Surathkal

Dr. Vasudha D Katare, NIT Warangal

12:40-12:50	Abstract ID: 6084 (Sustainable Mortar Development Using Moroccan Waste Clay Bricks: Thermal, and Mechanical Performance)	Abstract ID: 4970 (Buckling behaviour of perforated cold-formed steel columns with stiffeners under axial load: an experimental and numerical study)
12:50-13:00	Abstract ID: 0825 (EA Study on effect of white Topping on Bituminous Roads)	Abstract ID: 0174 (Numerical investigation on behaviour of square CFDST stub column and beam-column)
13:00-13:10	Abstract ID: 2988 (IMPACT OF STEEL FIBERS ON COMPRESSIVE AND TENSILE STRENGTH OF CONCRETE)	Abstract ID: 2939(Investigating the Influence of Permeability on Granular Slope Failures: A Computational Fluid-Granular Approach)
13:10-13:20	Abstract ID: 1233 (Smart Sensor Technologies for Structural Health Monitoring: A Review of Advances and Applications)	Abstract ID: 4554 (Utilization of Waste Materials as Mineral Fillers in Bituminous Mixes: A Comprehensive Review)
13:20-13:30	Abstract ID: 0242 (Effect of Cracked Sections Properties on the Seismic Performance of RC and FRC Buildings)	Abstract ID: 2574 : Green Concrete Solutions: Revolutionizing the Future of Sustainable Construction
13:30-13:40	Abstract ID: 6610 (Multi-objective optimisation of reinforced concrete multi-storey buildings towards a sustainable structural design using the Particle Swarm Optimisation method)	Abstract ID: 8898 (Seismic Fragility Assessment of a RC Bridge)
13:40-13:50	Abstract ID: 9715 (Effect of mineral admixture and natural fiber as partial replacement in self-healing sustainable concrete)	Abstract ID: 225 (Recycled Aggregates and Natural Fibers in Pervious Concrete: A Sustainable Construction Perspective)
13:50-14:00	Abstract ID: 3876 (Analysis of delays in construction projects in Mogadishu: causes and strategic solutions)	Abstract ID: 7088 (Integrated non-destructive evaluation of reinforced concrete bridges: a multi-method approach for structural health assessment)
14:00-14:10	Abstract ID: 6684 (Health monitoring of silica fume-based concrete structures using destructive technique and non-destructive based electro-mechanical impedance technique with PZT sensor)	Abstract ID: 9224 (GeoGuide: A Spatiotemporal Guidance Framework for Optimizing Environmental Data Analysis)
14:10-14:20	Abstract ID: 1611(Rehabilitation of RC beams in shear using cement mortar reinforced with different meshes: An experimental approach)	Abstract ID: 2550(Integrated Suitability Assessment for Sustainable Urban Construction: A Multi-Dimensional Approach)
14:20-14:30	Abstract ID: 2699 (A Structural Framework for Sustainable Building Maintenance Management: Overcoming Key Barriers)	Abstract ID: 5743 (Flexural and shear performance of nano-TiO ₂ concrete infused with micro silica)
14:30-14:40	Abstract ID: 5072 (FLEXURAL BEHAVIOUR OF POLYVINYL ALCOHOL CONCRETE BEAMS BY NON - LINEAR FINITE ELEMENT METHOD)	Abstract ID: 6240 (Artificial aggregates for concrete: From waste to strength)
	Dr. S. Rahima Shabeen, College of Engineering, Guindy	Dr. Mohammed Rihan, NICMAR University, Pune
14:40-14:50	Abstract ID:7060 (Investigation on Eco-Efficient Calcined Clay Ultra-High Performance Concrete Made with ASTM Type IL Cement)	Abstract ID: 2951 (Evaluating Seismic Response of a G+6 RC Structure Using PBD and FBD Approaches)
14:50-15:00	Abstract ID: 3994 (Tortuosity: importance, types, methods)	Abstract ID: 9763 (Amphibious Materials for Flood-Resistant Infrastructure: A Sustainable Solution)

15:00-15:10	Abstract ID: 8859 (Influence of Different Types and Dosages of Pozzolan on Enhancing the Compressive Strength of Khorasan Mortar)	Abstract ID: 6803 (Comparative studies of mechanical properties and wear resistance of Rubber floorings from different sources)
15:10-15:20	Abstract ID: 2619 (A Strategic Framework for Circular Economy Implementation in Construction: Integrating Pareto Analysis with the 5R Approach)	Abstract ID: 1519 (Machine Learning-Based Prediction of SFRC Compressive Strength Under Elevated Temperature Conditions)
15:20-15:30	Abstract ID: 5714 (Assessment of Building Code Requirements for Earthquake Performance of RC Buildings on Hill Slope Regions)	Abstract ID: 7061 (Optimizing the Performance of Topology-Optimized 3D-Printed Concrete Structures)
15:30-15:40	Abstract ID: 1845 (Performance of circular tapered CFST column: Impact of steel thickness on strength and ductility)	Abstract ID: 9175 (Utilizing PM10 and PM2.5 in high strength concrete: A novel use of airborne pollutants into building materials)
15:40-15:50	Abstract ID: 6114 (A Comparative Analysis on Replacement of Reinforced Concrete Shear Walls with Steel X-Bracings in Multistory structure)	Abstract ID: 5144 (Study of Chemically Treated PET Fiber with Micro Silica in M25 Grade Concrete Mix)
15:50-16:05	Abstract ID: 5205 (A Comprehensive Review of Advancements in One-Part Geopolymer Concrete)	Abstract ID: 6995 (Transforming Marble Waste into Sustainable Paver Blocks: A Comprehensive Study)
16:05-16:15	Abstract ID: 3298/5741 (Assessment of Durability performance of Mortar Composite with FA and MD for Acidic and Marine Environment)	Abstract ID: 2371 (Processing Marble Wastes in Development of Sustainable Construction Composite for Affordable Green Buildings: Mix Design and Evaluation of Composite)
16:15- 16:25	Abstract ID: 0845 (Analysis of Cement Performance with Marble Waste Addition and Gradual Reduction of Cement)	Abstract ID: 5749 (Primavera based risk Management in Construction)
16:25-16:35	Abstract ID: 063 (A Case study based review paper for “Advancements in Geotechnical Monitoring Techniques for NATM Tunneling in the Himalayan Terrain)	Abstract ID: 6535 (Performance of Reinforced Concrete Building Structures Subjected to Extreme Loadings)
16:35-16:45	Abstract ID: 4098 (A comprehensive review of international codes for double-skinned non-corrosive tube confined concrete columns)	
	Zoom Link: https://zoom.us/j/97108206916?pwd=gR44Krn82uGoR3Yu3e28cqdyATZa3j.1	Zoom Link: https://zoom.us/j/98874271602?pwd=v6x5Atw0AAM57XLTAXGWW76RWkQDWZ.1
	Meeting ID: 971 0820 6916 Passcode: 675546 Date & Time: Jul 4, 2025 08:45 Mumbai, Kolkata, New Delhi	Meeting ID: 988 7427 1602 Passcode: 900575 Date & Time: Jul 4, 2025 08:45 Mumbai, Kolkata, New Delhi