



Third International Conference on Construction Materials and Structures on Synergy of Materials and Structures

All poster presenters are requested to be ready with their posters by 9:00 AM

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Day 3, 5th July 2025

Sl. No.	Poster timing	Abstract ID	Poster Title
1	Poster Mounting Time 08:30 Evaluation Time 10:30-12:30	0291	Integrating Construction and Demolition Waste in Concrete: A Pathway to Sustainable Design
2		0547	Effect of Fire on the Properties of Different Concrete at Elevated Temperatures
3		1849	Hybrid Nanomaterials as repair mortar: A multifunctional Approach
4		2386	Statistical analysis using artificial neural networks and regression analysis of UHFRCC at high temperature
5		2846	A review on performance of post-installed mechanical anchors in cracked concrete
6		0840	Effect of vermiculite on strength and thermal insulation properties of clay bricks
7		3567	Prediction of Strength of High Performance Concrete Using Machine Learning
8		3646	Study on Collapse Fragility of RC Buildings Damaged by Türkiye-Syria Multiple Earthquakes
9		3666	Unveiling the causes of structural failure: a case study of the g+1 building at haik secondary school, Ethiopia
10		3831	Effect of Plastic Waste on Concrete: A comprehensive Review
11		4218	Compressive Strength of Concrete Mix using Machine Learning Technique
12		4355	A Comprehensive Review on Structural Health Monitoring (SHM): Bridges in Indian Scenario
13		4463	Streamlined Construction Waste Detection and Segmentation for Waste sorting & Volume estimation with Advanced Deep Learning Techniques
14		4770	Integrated Monitoring and Remediation of Rising Damp in Historic and Modern Masonry Structures : A Multi-Modal Diagnostic Approach
15		5149	Modelling of Concrete Compressive Strength with Support Vector Machine
16		5353	Automated Detection of Concrete Cracks Using Vision-Language Models with Text Prompts
17		5896	Effect Of Fineness Modulus On Properties Of Mortar With P-Sand
18		6125	A Scientometric Analysis on Performance of Glass Fiber Reinforced Polymer (GFRP) Concrete Beams in Flexure-An Analytical Study
19		6147	A Study on the Corrosion Resistance of Steel Rebars Coated with ZnO-PVDF-Epoxy Hybrid Coating in Mortar under Alkaline Environments
20		6164	Impact of Waste Vehicle Tyre Fibers on the Strength and Durability of Porous Paver Blocks
21		6182	Application of biocementation to enhance performance of fly Ash bricks
22		6283	Review on 3D Concrete Printing Technology: Sugarcane bagasse ash as Supplementary cementitious material, Mechanical Properties and Durability.
23		6635	A Systematic Review of Machine Learning Algorithms to Evaluate the Compressive Strength of Concrete
24		7042	A comparative study on performance of high rise frame -tube structure and tube-in-tube structure subjected to lateral loading using ETABS.
25		7080	Prediction of Compressive Strength of Concrete using Machine Learning Techniques
26		7215	Crack Detection in RC Structures Using Machine Learning Techniques
27		8021	Empirical expression for the time period of bare-frame RC Structures
28		8742	Mitigating steel corrosion in reinforced concrete using rice husk ash blended cement polymer composite coatings
29		8909	Modelling of Concrete Slump with Support Vector Machine
30		5934	Effect of binary blend and superabsorbent polymer on self-curing ability of concrete