

StructE Natcon 2024 | Poster Presentation

Day-2 | 9 Nov. 2024 (Saturday) | Time: 14.15–15.00 hrs. | Poster Area: Modi Exhibition Hall

Poster ID	Poster THEME	Poster Title	Presenter Name	Institution/Affiliation	City
67	Advances in Construction Materials & Technologies	Comparative study of compressive strength and permeability of pervious concrete	Sagar Shah	CEPT University	Khambhat
95	Advances in Construction Materials & Technologies	Integrating Augmented Reality With BIM Tools for Modular Construction	Ganugapati Chandramouli	Mahindra University	Hyderabad
103	Advances in Construction Materials & Technologies	Rebar Splicing Solutions with Gas Pressure Welding Technology	Niharika Deora	Assetsu India Pvt. Ltd.	Mumbai
123	Advances in Construction Materials & Technologies	Compression Resistance of High-Density Polyurethane Foam-Filled Light Gauge Steel Tubes: An Empirical Model	Sarat Chandra Malluru	Mahindra University	Hyderabad
108	AI&ML application in Structural Engineering	Predicting Compressive Strength of High-Density PU Foam-Filled Aluminum Tubes Using Machine Learning Algorithms	Padmaja Gokaraju	Kirby Building Systems & Structures India Pvt.Ltd	Hyderabad
45	Global Innovations in Structural Engineering	Study of Wind Force on Cable-Stayed Bridges with Varied Girder Configuration and Fairing Integration	Nishi Gupta	Indian Institute of Technology	Roorkee
82	Global Innovations in Structural Engineering	Seismic Behavior of Soft Story RC Structures with Variable Infill Reductions Using Incremental Dynamic Analysis	Arun Raj Geddam	Anurag University	hyderabad
92	Global Innovations in Structural Engineering	Full-scale Structural Performance Evaluation: State-of-the-Art Test Methods	Moka Eswar	Academy of Scientific and Innovative Research	Roorkee
96	Global Innovations in Structural Engineering	Simulation and Comparing of Hyperelastic Models to Experimental Data in ABAQUS	Dhirendra Patel	Indian Institute of Technology	Varanasi

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Day-3 | 10 Nov. 2024 (Sunday) | Time: 13.45 – 14.30 hrs. | Poster Area: Modi Exhibition Hall

Poster ID	Poster THEME	Poster Title	Presenter Name	Institution/Affiliation	City
111	Health Monitoring, Forensic Structural Engineering	A Review of Forensic Structural Engineering in India	Ganesh Ashok Suryawanshi	Dr. Babasaheb Ambedkar Technological University Lonere	Raigad
124	Health Monitoring, Forensic Structural Engineering	Experimental Approach for Detection of Multiple Damage and Severity Using the Electromechanical Impedance (EMI) Technique	Maheshwari Sonker	MNNIT	Allahabad
37	Structural Resilience - Vision for the Future	Monolithic Design of Walls with Boundary Elements for Axial Force and Bending	Rahul Gupta	Shri G.S. Institute of Technology and Science	Indore
38	Structural Resilience - Vision for the Future	A Review on Seismic Resilience Evaluation in The Indian Himalayan Region	Rahul Kumar	Indian Institute of Technology Mandi	Mandi
109	Structural Resilience - Vision for the Future	Steel Jacketing for Seismic Retrofit of RC Multi-Storey Building Structure	Vivek Kumar Singh	National Institute of Technology Silchar	Faridabad
126	Structural Resilience - Vision for the Future	Effect of Structural Geometry on the Progressive Collapse Resistance of RC Framed Systems	Rama Salman	ITER College, Siksha O Anusandhan (Deemed to be University)	Bhubaneswar
127	Structural Resilience - Vision for the Future	Seismic response of the combination of various slab systems with lateral load resisting systems.	Deep Gopal Rathod	Vidyavardhini's College of Engineering and Technology	Mumbai
128	Structural Resilience - Vision for the Future	Vertical Extension & Retrofitting of the Existing Reinforced concrete Structure	Arpit Amrutbhai Kumbhar	Vidhyavardhini's College of Engineering and Technology	Mumbai
129	Sustainability in Built Environment	Resilient Design: Climate Responsive Buildings in Warm and Humid Terrain of India	Anakha Ajith	CSIR- CBRI	Roorkee