

International Conference on Structural Integrity and Interactions of Materials in Civil Engineering Structures

Best Paper

SIIMCES051	Abhinand P U	PG Scholar in Structural Engineering, Department of Civil Engineering, National Institute of Technology Calicut, Kozhikode, 673601, India	Seismic Response Reduction Factor Assessment of 4-Storey Special Steel Moment Resisting Frame
SIIMCES071	Lingeshkumar P	M.E. Structural Engineering, Erode Sengunthar Engineering College, Erode, Tamil Nadu	Experimental Investigation on Mechanical Properties of Cenosphere-Based Concrete
SIIMCES075	Maheshwar Bose	Student, Civil Engineering Department, MNNIT Allahabad, Prayagraj	Effect of location and types of bracing on the seismic performance of an unsymmetrical building
SIIMCES087	Shreya Singh	Student & Mtech Structural engineering DTU	Evaluating the Engineering Properties of Lime Mortar Enhanced with Sticky Rice
SIIMCES088	Dr. Md Azhar	Assistant Professor, GEC Khagaria, Bihar	Triaxial Analysis of Jute Geotextile Reinforced Sand
SIIMCES093	Aamir Anwar Nezami	Research Scholar at IIT Kharagpur	Bending and buckling analysis of composites and sandwich plates: A novel higher-order zigzag theory
SIIMCES112	Obero Kabrambam	Student, NIT Manipur	Numerical investigation of 4-point bend test of thin-walled regular hexagonal CFST beam
SIIMCES120	Nithin A V	Research Scholar, Department of Civil Engineering, College of Engineering Trivandrum	Flexural behaviour of ternary blended ambient cured geopolymer concrete slabs
SIIMCES121	Milena Carolina Derlam	Master in Materials and Industrial Processes, Civil Engineer, affiliated with Feevale University, ERS-239, 2755, Novo Hamburgo, ZIP Code 93525-075, Brazil.	Numerical investigation of the influence of fastening screw spacing in OSB sheathing on the stiffness of shear walls in light steel framing systems
SIIMCES126	Sidhartha Parida	Student - Easwari Engineering College, Chennai	Development of self-compacting concrete by replacing fine aggregate with industrial waste

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SIIMCES159	Arpit Singh	Student, Motilal Nehru National Institute of Technology, Allahabad	Evaluation of threshold level of change in impedance signature for incipient, moderate and severe damages in structural system
SIIMCES165	Aman Kumar	Research Scholar, MNNIT Allahabad, Prayagraj, UP, India	Evaluation of Soil Amplification Effects on the Seismic Vulnerability of Irregular RC Buildings
SIIMCES167	N.Vignesh Kumar	Assistant Professor, Department of Civil Engineering, Mizoram University	Compressive Strength Prediction of FRP Confined Concrete Using Machine Learning Based Models
SIIMCES177	Rachit Sharma	iPDF, Department of Civil Engineering, IIT Bombay	Interpretable Ensemble Machine Learning Models for Prediction of Shear Strength of Concrete Beams Reinforced with FRP Rebar.
SIIMCES192	MAHESHWARI SONKER	Maheshwari Sonker, Research Scholar, Department of Civil Engineering, MNNIT Allahabad, Prayagraj, India	Advanced EMI-Based Evaluation of Structural Damage in Composite Fibre Concrete with Integrated Piezoelectric Sensors
SIIMCES244	SREEGOVIND M	Student (MTech) Department of Civil Engineering, Amrita School of Engineering, Amrita Vishwa Vidyapeetham - Coimbatore	Thermal Performance of Cement Mortar Incorporating Expanded Vermiculite as Partial Fine Aggregate Substitute
SIIMCES250	ABHIJEET SINGH	Ph.D Scholar, Amity School of Engineering & Technology, Amity University Uttar Pradesh, Sector-125, Noida 201313, Uttar Pradesh, India.	Performance Evaluation of Concrete with Varying Proportions of Marble Dust as Partial Cement Substitute
SIIMCES230	SAURAV KAR	Assistant Professor, Department of Civil Engineering, Heritage Institute of Technology, Kolkata, West Bengal	Statistical interpretation of strength data for High volume fly ash concrete – a new mix proportioning technique