

Poster presentation Day 1 (Wednesday, September 25, 2024)

Block E, Ground Floor (EG-08 & 09)

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P1	Drying Shrinkage of low-calcium fly ash Geopolymer: The roles of External conditions and Binder Composition / <i>Mude Hanumananaik*</i> , <i>Kolluru V L Subramaniam/Mude Hanumananaik*</i> , <i>Kolluru V L Subramaniam</i>
P2	Numerical modelling of steel fiber reinforced tunnel segment subjected to flexure / <i>Manas Bhadury*</i> , <i>Keerthana Kirupakaran</i> , <i>Ravindra Gettu/Manas Bhadury*</i> , <i>Keerthana Kirupakaran</i> , <i>Ravindra Gettu</i>
P3	Synergistic Use of Rice Husk and Sugarcane Bagasse: An Approach for Sustainable Agro-waste Ashes Blended Cements / <i>G Jyothsna*</i> , <i>A Bahurudeen</i> , <i>K Sahu Prasanta/G Jyothsna*</i> , <i>A Bahurudeen</i> , <i>K Sahu Prasanta</i>
P4	Preliminary Investigation on use of Raw Marl as partial replacement of Cement / <i>Amitkumar Radheyshyam Chauhan*</i> , <i>Manu Santhanam</i>
P5	Seismic Performance Assessment of Corroded Reinforced Concrete Arch Bridges through Experimental Investigations / <i>Souvik Biswas*</i> , <i>Piyali Sengupta</i>
P6	Numerical study on strengthening of RC beams with Side Near Surface Mounted technique using CFRP bars / <i>Sruthi Kottayan*</i>
P7	Valorization of Low-grade Limestone for Producing Calcium Sulfoaluminate-Belite Cement / <i>Bipina Thaivalappil*</i> , <i>Piyush Chaunsali</i>
P8	Investigation of cathodic protection of reinforced concrete covered with biofilms for the application of Floating Offshore Wind Turbine (FOWTs) / <i>Deeksha Margapuram*</i> , <i>Marie Salgues</i> , <i>Raphaël Lami</i> , <i>Benjamin Erable</i> , <i>Michel Groc</i> , <i>Renaud Vuillemin</i> , <i>Oceane Thibault</i> , <i>Bruno Hesse</i> , <i>Jean-Claude Souche</i> , <i>Florian Stratta</i> , <i>Marine Bayle</i> , <i>Jean-Bernard Memet</i> , <i>Fabrice Deby</i> , <i>Stéphane Laurens</i> , <i>Chantal Chalhoub</i> , <i>Elie Sassine</i> , <i>Laurent Zudaire</i> , <i>Fabien Nougardolles</i> , <i>Deepak Kamde</i> , <i>Alexandra Bertron</i>
P9	Exploring the Viability of Limestone Calcined Clay for 3D Printable Alkali-Activated Mortar / <i>Mangalampalli Anil Kumar*</i> , <i>Sri Kalyana Rama Jyosyula</i> , <i>Visalakshi Talakokula</i>
P10	Analyzing the behaviour of graphene oxide on the durability characteristics of rubberized concrete / <i>Ipshita Pandey*</i> , <i>Gyanendra Kumar Chaturvedy</i> , <i>Umesh Kumar Pandey</i> , <i>Shweta Goyal</i>
P11	Mapping the surface breaking defects in concrete using ultrasonic imaging / <i>Sai Teja Kuchipudi*</i> , <i>Debdutta Ghosh</i>
P12	Investigation on fresh properties, compressive strength, and microstructure of self-compacting geopolymer concrete / <i>Akhil Charak*</i> , <i>Bulu Pradhan</i>
P13	Evaluation of Protective Coating on Steel Rebar : Performance Under Diverse Environmental Conditions / <i>Goldi Gupta*</i> , <i>Naveet Kaur</i> , <i>Shweta Goel</i>
P14	Effect of alkaline solution and age on compressive strength, ionic concentration and microstructure of geopolymer concrete / <i>Leela Sai Rangarao Maradani*</i> , <i>Bulu Pradhan</i>
P15	Enhancing Self-Compacting Concrete Longevity and Performance through Quaternary Blended Binders with SCMs / <i>Shreekanth Birgonda*</i> , <i>Senthilkumar R</i> , <i>Ramesh S.T</i>
P16	The utilization of recycled concrete powder as a partial substitute for filler in the manufacturing of foam concrete mixtures / <i>Amit Kumar Sahu*</i> , <i>Vishal Kumar Mishra</i> , <i>Rahul Kumar Sonker</i> , <i>Indu Siva Ranjani Gandhi</i> , <i>Prakash Nanthagopalan</i>
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P19	Enhancing Durability and Corrosion Resistance of Cementitious Composites with CA/Al-LDH Coated Biochar / <i>Claudiane M.Ouellet Plamondon, saee dharmadhikari, Balasubramanya Manjunath, Vellanki lakshmi, chandrasekhar bhojaraju*</i>
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