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Block E, Ground Floor (EG-08 & 09)		
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P69	Enhancing Geopolymer Concrete Performance Using Copper Slag as a Sustainable Fine Aggregate / Aman Deep*, Pradip Sarkar	
P70	Comparison of rheological parameters of cement slurry composed of Portland Pozzolana Cement and Portland Slag Cement / Ahmad Waqar Khan, Prishu Ranjan*, Sanjay Kumar	
P71	Effect of CO2 mineralization on the performance and sustainability of concrete / Lakshmi Vara Prasad Meesaraganda, Md Athar Kazmi*	
P72	Flexural response of Carbon Textile-Reinforced Concrete (CTRC) Panels: A Numerical Study / Sophia Immanuel*, Adesh Pratap Singh, Baskar Kaliyamoorthy	
P73	Monte Carlo Simulation of the hydraulic diffusivity function for water absorption in fieldcrete / Mahesh Kumar*, Kaustav Sarkar	
P74	Performance enhancement of sustainable lime-based concrete / Shashi Bhushan Kumar*, Vishwajit Anand	
P75	Influence of Industrial by products on Structural lightweight self-compacting concrete comprising Sintered fly ash aggregates / Pawan Kumar*, Pasla Dinakar, T. Jothi Saravanan	
P76	Sulfate Resistance of Mortar Incorporated with Rice Straw Ash / Gopinandan Dey*, Nani Gopal Paul, Surajit Munshi	
P77	Evaluating the effects of activated carbon and Feldspar additives to cement in concrete / Lohith K S*, S Kavitha Dr, S Vijaya Dr	
P78	Performance of Low-carbon Concrete Prepared with Reactive Magnesium Oxide and Fly Ash in OPC Binder System / Lalit Singh*, Anurag Misra	
P79	Synergistic Application of Optimized Quality Recycled Concrete Aggregate with Marble dust: An Alternative Concrete for Severe Conditions / Amit Kumar*, Babu Lal Chauhan, Gyani Jail Singh	
P80	Application of Artificial Intelligence in Determining Degradation in Cement-Based Materials Due to Acid Attack / Chinnu Mariam Ninan*, Anandhakrishnan M, Ramaswamy K P, Sajeeb R	
P81	Mass concreting: Lessons learnt from the construction of nuclear facility site at Kalpakkam / Mano R*, Vaithiyanathan H, Padmanabhan G, Rahman K.S	
P82	An Investigation Into The Microfine SCM's Microstructural Hydration Studies To Achieve Sustainable And Durable Concrete / mohammed nadeem*	
P83	Investigating Bio-Based Self-Healing Utilizing Hemp Fiber Reinforcement: Structural Restoration in Cementitious Mortar / Preeti Chaudhary*, T Palanisamy	
P84	Microstructural Performance of Lightweight Volcanic Aggregates as an Internal Curing Material for High-Performance Concrete / Dana Dashti, Antony Joseph, Jayasree Chakkamalayath*, Zainab Awadh	

P85	Self-Healing Nano Additives for Enhancing the Durability and Sustainability of Cementitious Systems / Mainak Ghosal*
P86	Utilization of Fly ash and GGBFS as road base construction material in flexible pavement through geopolymerisation / Aryan Attri*, Abhishek Mittal, Deepak Rathwa
P87	Health assessment, strengthening and rehabilitation of a fire-damaged structure in a refinery complex A case study / Ankit Verma*
P88	Heat of Hydration of Mass Concrete in Controlling by Construction Stages / Vinayga Moorthy*, Banoj Mohapatra, Gurinder bawa
P89	Development of Ambient-cured Glass Fibre-based High Strength High Ductility Concrete / Subhrajit Sinha, Piyali Sengupta*
P90	Seismic Performance Assessment of Heritage Structures through Field Testing and Numerical Simulations / Ayush Chaturvedi*, Piyali Sengupta
P91	Shear behaviour of reinforced concrete beams strengthened with hybrid combination using fibre reinforced polymers and ultra high performance concrete / Rahul Reddy Morthala*, Balla Taraka Malleswara, Suriya Prakash Shanmugam
P92	Mechanical and durability performance of mortar incorporating Malawi clay in limestone calcined clay cement / Uma Shankar Biswal*, Manu Santhanam
P93	Lime as the repair material for heritage structures: Knowing the material and reaction products for better application / Athira V S*, Areeha Mahmood, Swathy Manohar
P94	Post fire performance of concrete-filled steel tubular stub column under axial compression / <i>Preeti</i> .*, <i>Prasanta Kar</i>
P95	Experimental Investigation on Mechanical Properties of Concrete Using Tri- hybrid fiber mix / Sandeep Bansilal Javheri*, Sunilkumar Shankarrao Patil, Sunil Keshavrao Kulkarni
P96	Investigating the clear cover requirement for required fire resistance rating in LC3 concrete columns / Parth Dwivedi*, Sanchit Gutpta, Sandeep Chaudhary
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P98	Resistance of concrete made with the effective replacement of Fly ash against carbonation / Md Marghoobul Haque*, Supratic Gupta
P99	Evaluating the strength and durability of concrete using industrial wastes as potential supplementary cementing materials / Samidha P*, Hemant A
P100	Effect of corrosion inhibiting admixtures on corrosion characteristics of steel in carbonating nanoparticles based fly ash concrete / Umesh Hule*, Chandru Pichaimuthu, Radhakrishna G. Pillai
P101	Al-Based Prediction of Damage Severity in Blended Concrete Under Extreme Environmental Exposure Conditions / Ramesh Gomasa*, Visalakshi Talakokula, Sri Kalyana Rama Jyosyula, Tushar Bansal, Nidhi Goyal
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P103	Development of Lime and GGBFS Based Mortar: A Sustainable Approach to Construction Technology / Gopalakrishna Banoth*, Revanth Kumar Kandagaddala, Prakash Nanthagopalan
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P105	The influence of CO2 curing period and pressure on the uptake of CO2 and compressive strength of concrete / Divya Rachel Rooby*, Jayachandran K
P106	Durability of Geogrid-based Textile Reinforced concrete / Mohan Lal*, Siva Chidambaram R
P107	Corrosion Performance Enhancement of Galvanised Rebar Reinforced Concrete / Reshma P*, Dr. Jayachandran K
P108	Transport properties of the ultra-high-performance concrete made with locally available materials / Dilrabin Kootumpurath*, Jayachandran Karuppanasamy
P109	Effect Of Mixed Recycled Aggregates on Quaternary Blended High Strength Self-Compacting Concrete / Merin Mathew*, Girija K
P110	Al Driven Information Extraction From Construction Materials Literature / Mohd Zaki*, Keshav Bharadwaj, Jayadeva Jayadeva, N. M. Anoop Krishnan
P111	Machine Learning for Cement Science: Predictive Modelling of Clinker Phase Composition / Sheikh Junaid Fayaz*, N.M. Anoop Krishnan, Shashank Bishnoi, Nestor Dario Bhoroquez, Matteo Romano, Manuele Gatti
P112	Expanded Clay Aggregate as an Internal Curing Agent to Produce Stiff Mortar Mixtures for Paving Application – A Laboratory Study / Anusha toshikhani*, Ritika ritika, Solomon Debbarma
	Critical Appraisal on the Interfacial Bonding Mechanism of RAP-PCC Mixes and Ways to Improve it / Ritika Ritika*, Anusha Toshikhani, Solomon
P113	Debbarma An Experimental Study of Ultra High Performance Fiber Reinforced Concrete and Analysis & Design of Multi-storey Building using Applications of UHPFRC / S. S. Kshirsagar*, B. G. Birajdar
P115	Concrete mixed with non-potable water: Probability of compliance to codes of a few countries / Prakhar Agrahari*, Rekha Sharma, Nisarg Jain, Jagriti Kumari, Saha Dauji, Venkata Santosh Kumar Delhi
P116	Retrofitting Measures of Distressed Structural Members of a RCC Building-A case study on the SOPC Building at Kolkata / Aritra Bagchi*, Manab Sinha, Bodhisatwa Roy, Debjyoti Kar, Suman Dutta
P117	Evaluating Manufactured Sand as a Sustainable Alternative to River Sand in Concrete: A Comparative Study of Strength, Durability, and Corrosion Resistance / Smrithy Subash*, Sumedha Moharana
P117	Comparative Study on Properties of Normal and Recycled Aggregate Concrete: Experimental and Numerical Analysis / Manjunath M Patil*, Pranjal V Chechani, Ananth Ramaswamy
P119	Structural Assessment and Rehabilitation of an Institutional Building / Rhythm Garg*, Dr Shweta Goyal, Er Aman Deep
P120	Geopolymer Bricks: A Promising Solution for Sustainable and Climate Resistant Building / MD ZIA UL HAQ*, Vishal Sharma, Saurav Dixit
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P123	Axial buckling resistance of concrete-filled cold-formed steel columns— a new strengthening approach / Chanchal Sonkar*, Mickey Mecon Dalbehera, Ajay Chourasia, Ashish Kapoor
P124	Study on Self Compacting Concrete Using Recycled Aggregate and Metakaolin / Rasheed Abdul, Janardhan Yadav Maganti*
P125	Inspection, Repair and Strengthening of Concrete Structures / Viraj Gupta*
P126	Influence of Potential Additives on the Carbon Dioxide Mineralization of Red Mud / Saranyadevi Duraisamy*, Piyush Chaunsali
P127	Investigations on the effectiveness of zeolite and Coconut Shell Powder as SCMs on the mechanical characteristics of Concrete / Bharath N*, Kavitha S, Vijaya S
P128	Review on the light weight angular aggregate concrete for structural applications / Mohanapriyan Muralidharan*, Mashudha Sulthana U
P129	Comparative Evaluation of Traditional and Scrap Tyre Pad Base Isolators: Characteristics, Costs, and Utilization in Earthquake Resilience / Sreeranjini S Nair*, Ancy Mathew
P130	Heat of Hydration of Mass Concrete in Controlling by Construction Stages / Vinayaga Moorthy*, Banoj Mohapatra, Gurinder Bawa
P131	Factors Influencing the Applicability of Mixed Recycled Aggregates for Granular Aggregate Layers / Suranjit Saha*, Surender Singh
P132	Impact of Aggregate Type and Concrete Grade on Hydrated Cement Mortar Content in Recycled Concrete Aggregates / Abhinav Kumar Thakur*, Surender Singh
P133	Response Of RC Columns Under Blast Loading - A State-of-the Art Report / Md Imran Mohnavi*, G Appa Rao
P134	Spalling Mitigation in High Strength Concrete Exposed to Elevated Temperatures / Vikash Kumar Singh*, Gaurav Srivastava

^{*} Presenting Author