

**International Conference on Construction, Real Estate, Infrastructure and
Project Management (ICCRIP 2025)
August 22–23, 2025**

Paper Presentation Schedule				
Day 1- Aug 22, 2025			(Indian Standard Time)	3:30- 5:30 pm
Sl. No	Paper id	Authors	Paper title	Venue
Track 1- Construction Project Delivery				
Time: 3:30- 5:30 pm, Venue: A01				
1	149	Birat Gautam, Kishor Bhagwat and Venkata Santosh Kumar Delhi	Exploring the Influence of Resource Availability on Safety Management in the Nepalese Construction Industry: A Scenario-Based Study	A01
2	535	Siddhi Pawar and Pravin Minde	Comprehensive Review of Lean Management in Precast Construction	
3	639	Aman Ahlawat, Arti Chouksey, Saurabh Jaglan, Atul Garg, Sachin Dass, Sunita Kumari, Divya Sharma and Avinash Ojha	Critical success factors along the life cycle of PPP highway projects in India	
4	1000	Devireddy Sowmya, Sourav Sharma, Patel Adnan Ishaq, Athul Thomas and Abhishek Shrivas	Analysis of Interaction among the Critical Success Factor affecting a Successful Claims Management	
5	1426	Samruddhhi Kotecha and Biswanath Mudi	A Comparative Study of Construction Project Management Tools: Identifying Optimal Tool Combinations for Medium-Sized Architectural Firms in India.	
6	9819	Sourabh Patil, Afan Tamboli, Sabir Sayyed, Mayur Maske, Piyush Chandak and Shridhar Kumbhar	Enhancing Rigid Pavement Sustainability: Comprehensive Life Cycle Assessment of Alternative Materials and Maintenance Strategies	
7	0600	Senthilkumar Anantharaman	Enhancing Efficiency in Chennai Metro Through Theory of Constraints (TOC): A Review of Strategic Project Management Practices	

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Day 1- Aug 22, 2025			(Indian Standard Time)	3:30- 5:30 pm
Sl. No	Paper id	Authors	Paper title	Venue
Track 2- Data-Driven Performance Optimization				
Time: 3:30- 5:30 pm, Venue: A02				
8	9048	B Ravinder	Digital Twin Technology	A02
9	9610	Saksham Dixit, Amit Goel and Piyush Chandak	Enhancing Pavement Condition Assessment for Intelligent Road Asset Management Systems	
10	8320	Vandana Bhavsar, Pradeepta Kumar Samanta, Sagar Malsane and Deepak M.D.	Assessing the Impact of Application of Digital Technologies on Optimizing KPAS Across a Construction Project Life-Cycle	
11	4418	Davoud Khatermohammadi, Kambiz Rakhshan and Chris Gorse	Predictive Maintenance Decision-Making Using Optimal Stopping Theory	
12	6864	Suresh Nama, Prachi Ingle and Varun Desai	Operating Speed Model for Horizontal Curves	
13	Offline	Ramesh M. Bhatawdeka, Norhaiza Ahmad, Noraini Ibrahim, Radhikesh Kumar, Danial Jahed Armaghani, Edy Tonnizam Mohamad, Vynotdni Rathinasamy, Anand Ravi Deshpande	PCA-ELM Based Approach for Modeling Average Fragment Size in Blasting Operations	
14	2329	Jayaram M.A and Kavitha G	Digitization in the Construction Industry: A Scoping Review	

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Sl. No	Paper id	Authors	Paper title	Venue
Track 3- Disaster Management and Resilience in the Built Environment				
Time: 3:30- 5:30 pm, Venue: A03				
15	601	Pratima Mahadik and Arati Petkar	Examining sponge city design approach to urban planning for water resource management	A03
16	4546	Shaily Agrawal and Rama Pandey	Advancing Resilient Energy Access through Community-based Planning in India's Tribal Villages of Alirajpur District	
17	4692	Radhika Madhusudhanan and Shruti Vaishampayan	Living with Heat: Sensitivity and Adaptive Capacity in Urban Thrissur	
18	9411	Vishal Bhardwaz, K. A. Patel, D. A. Patel, V. H. Lad and Rohan Majumder	Determining latent factors influencing flood resilience of road network system using SEM	
19	6479	Roshan Raju, Zainab Shaikh, Devang Bhandari and Raiyaan Ansari	Identification of enablers and barriers of Humanitarian logistics: A bibliometric analysis and Systematic literature review	
20	8046	Shivam Priyadarshi, Somnath Bera and Pritha Ghosh	Assessing the cascading impact of debris flow induced disruptions on road network system in the Eastern Himalayan Region	

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Day 1- Aug 22, 2025			(Indian Standard Time)	3:30- 5:30 pm
Sl. No	Paper id	Authors	Paper title	Venue
Track 7- Innovations in Real Estate, Architecture and Urban Planning				
Time: 3:30- 5:30 pm, Venue: B01				
21	207	Tejas Bhor and Aniruddha Chavan	Augmented Reality Holographic Framework for Digital Preservation of Maharashtra's Monuments	B01
22	243	Niramay Pawar and Pooja Gandhile	Analysing Urban Growth Pattern of Ahilyanagar City	
23	3440	B Mahesha, V Dhruva Theja and G Kavitha	Junction Improvement for Timmapuri Circle in Kalaburagi City	
24	5290	Rohan Hore, Murali Krishna Botta and Chetan More	Vertical Solutions for Urban Landscape: Assessing the Impact of Emerging Technologies on Housing Affordability	
25	5362	Ramakrishna Nallathiga, Dhruv Darji, Jaynam Mehta and Dhruvit Patel	The Impact of Town Planning (TP) Schemes on Local Real Estate/ Property Markets: A Study of Mahalunge Maan TP Scheme in Pune	
26	5448	Pavan S, V Anjaneyappa, Archana M R and Lavanya N	Influence of footpath frictions on carriageway width and vehicles speed	

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Day 1- Aug 22, 2025			(Indian Standard Time)	3:30- 5:30 pm
Sl. No	Paper id	Authors	Paper title	Venue
Track 8- Management Solutions to CRIP Sector Challenges				
Time: 3:30- 5:30 pm, Venue: B02				
27	626	Laxmi C Naik, G Kavitha, M. A. Jayaram and C. R. Darshan	O & D Patterns for Kancheepuram District using Clustering Techniques	B02
28	2967	Sarvee Jain and Dr. Yogesh K. Garg	Trends and Transformations in Real Estate Price Prediction Research: A Bibliometric Odyssey	
29	179	Ashutosh Sathe, Awdhesh Kothari, Shubham Rekulge and Vidya Khanapure	Implementation of Lean Construction for Waste Minimization in High-Rise Residential Projects	
30	4444	S.M. Renuka, Rachana Sreekumar, S Amudha, R Divyarinushree and V.S Kiruthika	Implementation of Lean Concepts in Road Construction Projects	
31	4440	Meenu M R, Amritha Dalbroy, Sana Ghodpage and Abhishek Shrivastava	Agile Project Management and its Integration to Sustainable Construction: A Systematic Literature Study	
32	7957	Oviya V K, Akshay S Krishnan, Sreehari S Nair and Abhishek Raj Singh	AI-Based Spatial Localization of Detected Objects in Indoor Residential Environments Using Homography	

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Day 1- Aug 22, 2025			(Indian Standard Time)	3:30- 5:30 pm
Sl. No	Paper id	Authors	Paper title	Venue
Track 9- Sustainability Challenges in the CRIP Sector				
Time: 3:30- 5:30 pm, Venue: B03				
33	379	Perna Pawar, Siya Maliwal and Trupti Bramhankar	Damage Detector	B03
34	1050	Manick Siva H, Mukesh Ram S, Lakshmeeka Arun and Ashish Rastogi	Enablers and Barriers in ESG Implementation: A Structured Literature Review.	
35	2813	Nikhil Dalvi, Jay Satam, Kaustubh Tale and Roshan Raju	Identifying barriers for adoption of circular economy in agri-food supply chain: A Systematic literature review	
36	3030	Amol Bhavsar and Vishal Bhalla	Life Cycle Assessment of Grid Connected PV: A Comprehensive Review	
37	3063	Dhileepan B, Amrutha R, Ritesh Gaikwad and Deepak M D	Evaluation of sustainability performance in the oil and gas sector: A Scoping Review	
38	7877	Mruga Patel and Purva Gupta	Adopting Circular Economy Principles for Sustainable Infrastructure Development	

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Day 1- Aug 22, 2025				3:30- 5:30 pm
Sl. No	Paper id	Authors	Paper title	Venue
Track 10- The Social Infrastructure Sector: Addressing Research and Policy Gaps				
Time: 3:30- 5:30 pm, Venue: C01				
39	5243	Alaknanda Menon	Bridging the Affordable Housing Gap: The Role of Government-Orchestrated Ecosystems in Technology Adoption	C01
40	5543	Archee Verma, Chetna Rathee and Dr. Anil Kashyap	Mapping the Landscape of Low-Carbon Travel Behaviour Research: A Bibliometric Review	
41	7816	Shruti Sheth, Akash Antram Mundhe, Bharat R. Menon and Prof. Avadhoot Dixit	Study of Green Hydrogen based Micro-Grids in India	
42	8171	Chintamani P Angadi and Dr Majid Wahid Shaikh	"Transforming Land Acquisition for Infrastructure Development: A Comparative Study of CIDCO's NMIA Model and International Approaches"	
43	9316	Reshma Edayilliam Kadakath, Chirag Nanjundaswamy, Venkata Subbarao Chunduru, Rakshith Padmanna and Sridharan Kamalakannan	Quantifying Traffic Efficiency Gains from ATCS with Vehicle Actuation: Evidence from Bengaluru	
44	8329	G.S.S.V.A Rama Sanjeev, Selva Kumar P, Subodh Sunil More and Ashish Rastogi	Does perceived ESG performances affect consumer attitudes? A structured literature review	
45	7507	Shreya Das	Sense of Place for Urban Elderly: An analysis of a Historical Neighbourhood in Indian City	

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Day 1- Aug 22, 2025			(Indian Standard Time)	3:30- 5:30 pm
Sl. No	Paper id	Authors	Paper title	Venue
Track 11- Trends in Modern Construction Materials and Methods				
Time: 3:30- 5:30 pm, Venue: C02				
46	27	Bal Krishan, Mohammad Kamran and Suguru Krishna Mohan Rao	Experimental Investigation and Modelling of Drying Curves in Graphene Oxide- Modified Concretes with OPC PPC and LC3	C02
47	111	Praveen Kumar K, Sona Bv, Sundaresh Rao, Radhakrishna Krishna and P S Ramesh	Structural Behaviour of Rice Husk Fiber Reinforced Concrete Slabs Subjected to Flexure	
48	258	Abhijeet Gandage and V. Vinayaka Ram	Experimental Investigation to evaluate Temperature Differential across Self Compacting Concrete Slabs	
49	1422	Praveen Kumar K, Shashank B S, Sona B V, P S Ramesh and Radhakrishna Krishna	Studies on Properties of Concrete with Polymer Pre- coated Rice Husk	
50	1475	Sidharth Rajagopal and Shalaka Hire	Sustainability-Driven Building Information Modeling (BIM) Adoption: Insights from a Bibliometric Study	

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Sl. No	Paper id	Authors	Paper title	Venue
Track 11- Trends in Modern Construction Materials and Methods				
Time: 3:30- 5:30 pm, Venue: D01				
51	8272	Madhur Kadu, Abhishek Patidar, Vaidehee Khandelwal and Dr. Shashank B.S.	Mycelium-Based Concrete: A Durable and Energy-Efficient Alternative to Lightweight Concrete: A Review	D01
52	8536	N. Rithik Kumar, R. Suresh Kumar, L. Krishnaraj, Js. Sudarsan, V.R. Prasath Kumar and Swati Sinha	A Study on Mechanical and Durability Properties of Different Types of Bricks and its applications in Construction Industry – A Review	
53	8984	Harshitha M, Reshma E.K, Vidyashree Jc and Jaya Rs	Sustainable Subgrade Enhancement: Leveraging Non- Woven Geotextiles for Long-Term Infrastructure Resilience	
54	8994	Chandrakant S Gokhale	Application of EPS Geofoam in Cellular Compensated Foundation for a Building	
55	9198	Saurabh Mishra, Manoj Sadafale and Mangesh Madurwar	Development of Geopolymer Concrete by inclusion of Quasi Discarded Quarry Waste	
56	7807	Maaz Ahmed Shaikh and Shubhangi Shekokar	Advancements in Construction Materials for Enhanced Durability and Sustainability	

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Sl. No	Paper id	Authors	Paper title	Venue
Case study				
Day 1- Aug 22, 2025, Time: 3:30- 5:30 pm, Venue: D02				
57	8377	Neha Jiseja	Innovations in Project Management and Processes in Civil Engineering: A BIM-Centric Perspective	D02
58	4610	Amal Bhattacharya, Rinaj Pathan, Dr Janardan Konar, Vinay Kumar H.G, Mr Jaysingh Mahadeo Jadhav, Pritesh Madhukar Kulal, Manoj Kumar Singh, Maruti Srivastava and Sagar Raosaheb Badhe	Innovative urban Infrastructure: A case study of Double Decker flyover at Pune	
59	4747	Ravindra Munje, Ajinkya Joshi, Vilas Patil and Vaibhav Khond	Selecting an Optimal Motor for Electric Two-Wheeler Application: A Decision-Making Dilemma	
60	5237	Shaela Anjum	Effective Substantiation of an Extension of Time (eot) Claim to mitigate project delays in Vashi Truck Terminal Project, Navi Mumbai.	
61	5679	Prof. Dibyendu Nandy, Dr. Parijat Upadhyay and Dr. Anirban Mandal	Granite Grip: Supply Chain Network Optimization	
62	6614	Onkar Chothe, Arun Chandramohan and R Sathish Kumar	Comparative Analysis of UPV and Rebound Hammer Testing for Bridge Structural Integrity Assessment	

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Practitioners' Perspective				
Day 1- Aug 22, 2025, Time: 3:30- 5:30 pm, Venue: Mini-Auditorium				
63	Invited Paper	Mr. Anil Banchhor, MD & CEO-RDC Concrete India	Innovations in UltraFine™ Additives for High-Performance Concrete and Reduced Carbon Footprint	Mini Auditorium
64	1298	Amit Kumar	Current Challenges in Scaling Up Retrofitting of Existing Critical Infrastructure and Potential Solutions- Experience from South and Central Asia	
65	3777	Harish Jakhmola, Suprasad Guchhait, Siddharth Yadav and Poonam Singh	Prevention of Insulator Damage During Supply & Storage	
66	L&T	Abhilash CV	Cultivating a Safety-Conscious Workforce: A Case Study	
67	L&T	Brig Gurjeet Singh Kambo	Financial Model for Hazard-Free ROW in Linear Projects	
68	L&T	Swami Tejaswini Pugalendhi	Optimizing Scope Change Control Using Quantitative Techniques	
69	VisiLean	Paramjit Lota, Vijay Balah	Groundbreaking Success – How VisiLean Reshaped Infrastructure Projects at Implenoria Norway	

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Sl. No	Paper id	Authors	Paper title	Venue
Doctoral Colloquium				
Day 1- Aug 22, 2025, Time: 3:30- 5:30 pm, Venue: F01				
70	1245	Devansh Goel and Dr. Sudarshan D. Kore	Harnessing Agricultural Waste Materials for Sustainable Construction: A Short Review	F01
71	0486	Sanjeet Kumar Mishra, Bibhuti Bhusan Das and Salim Barbhuiya	Enhancing Printability of 3D Printable Mortars Using Quaternary Blended Binders	
72	2677	Riyaz Ranganekar and Dr. Mrs. Sushma Kulkarni	Using Computational Fluid Dynamic (CFD) for Computing Blast Load on Structure due to Explosion of EHV Power Transformer	
73	2376	Abhijeet Sangapurkar, Dr. Mrs. Sushma Kulkarni and Deepak M.D.	Barriers and Enablers for adopting Digitalization in Construction Safety - A Systematic Literature Review using PRISMA and TCCM Approach.	
74	3152	Avinash Kumar Reddy N and Sri Chandana Panchangam	Effect of Photocatalytic Nano TiO ₂ On Self-Cleaning and Mechanical Properties of Cement Mortars	
75	9181	Yuvraj Patil, Shalaka Hire and Rinkal Dudhwala	Development of Sustainable Pervious Paver Blocks using Steel Slag as an Alternative Aggregate	

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Sl. No	Paper id	Authors	Paper title	Venue
Doctoral Colloquium Day 1- Aug 22, 2025, Time: 3:30- 5:30 pm, Venue: F02				
76	0012	Kanchan Gupta and Meenal Mategaonkar	Mitigating Construction Delays: Practical Strategies for Improving Project Efficiency and Reducing Costs	F02
77	1199	Hemanth Kumar N and Dr. S P Sreenivas Padala	Computer Vision-Based Framework for Multi-Equipment Monitoring in Construction Projects	
78	6489	Siddhartha Erelli	Monetary Policy's Influence on Construction Industry Labor Markets and Project Economics	
79	9721	T S Thiruvenghadam and Anand Prakash	Construction Equipment Management Resilience in Infrastructure Projects: A Soft Systems Approach	
80	6667	Ramya Devi A, Renuka S M, Anushka Gopakumar, AnandMuthusamy and Gayathri D	Risk Management Strategies in Public-Private Partnership (PPP) Road Infrastructure Projects	
81	5801	Snehal Pagay and Dr. Virendra Balon	Barriers in Construction Supply Chain Management; A Literature Survey	

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Doctoral Colloquium Day 1- Aug 22, 2025, , Time: 3:30- 5:30 pm, Venue: S02				
82	7355	Aditya Tiwary, Ashwini Kumar and Sparsh Johari	Predicting Building Damage Levels in the 2015 Gorkha Earthquake Using Data-Driven Analysis and Machine Learning Techniques	S02
83	0575	Himadri Gohil and Rama Pandey	Mitigating Cascading Impacts for Cyclone Disaster Recovery: A Case of Energy Infrastructure In Somnath District, Gujarat	
84	1721	Seema Anil and Dr.Shyni P Anilkumar	Urban Coastal Resilience Revisited: Bridging Gaps in Research, Infrastructure, and Policy for Sustainable Development	
85	4625	Zimmy Naorem and Putul Halder	Instability and Premature Collapse of Step-Back Buildings in Hilly Regions: Engineering Insights	
86	4740	Shreya Joshi, Sameer Deshkar, Vibhas Sukhwani and Bijon Mitra	Investigating multi-pronged resilience through Agrivoltaics: Understanding knowledge gaps in localized implementation through a consultative approach in Nagpur (India)	

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Day 2- Aug 23, 2025

Day 2- Aug 23, 2025				(Indian Standard Time)	9:30- 11:00 am
Sl. No	Paper id	Authors	Paper title	Venue	
Track 1- Construction Project Delivery					
Day 2- Aug 23, 2025, Time: 9:30- 11 am , Venue: A01					
87	3461	Siddhey Phatkar, Pravin Minde and Jagruti Patil	Advances and Applications of UAVs in Structural Health Monitoring: A Comprehensive Review	A01	
88	4115	Junead M, Ketan Mahale and Shruti Bhat	Resolving Construction Disputes: A Python-Based Relative Importance Index Analysis in Pune, India		
89	4131	Srishti Singh, Suhail Khan, Satyam Kumar Jha and Tushar Jadhav	Tools and techniques for controlling project cost in construction projects		
90	4527	Anurag Ingole and Suyog Dharmadhikari	Recommendation of a Suitable Agile Framework for Effective Project Management in the Construction Industry		

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Sl. No	Paper id	Authors	Paper title	Venue	
Track 1- Construction Project Delivery					
Day 2- Aug 23, 2025, Time: 3:30- 5:30 pm, Venue: A01					
91	4780	Unnati Agrawal, Virendra Gomase, Radha Peshattiwar and Bhargav Patil	Impact of External Variables on Scheduling in Construction Supply Chain Management: Challenges and Mitigation Strategies - A Review	A01	
92	5431	Abhishek V Prem, Aman K Anvar, Prithviraj K R and Ashish Rastogi	Enablers and Barriers to BIM adoption: A structured literature review using TCCM approach		
93	5876	Olatunji Joseph Oladiran and Chukwudi Okonkwo	Application, Challenges and Effects of Government Policies on Construction Sector in Nigeria		
94	7061	Ananya Anshu, Himanshu Soni, Ankit Joshi, Divyansh Sinha, Abhishek Shrivastava and Dr.Smitha Yadav	Framework for Successful Implementation of Integrated Project Delivery: Insights Through ISM.		
95	7563	Suraj Thampan Nair, Sanjana M, Gautham J Raj, Amrithraj K and Aritra Halder	Transforming Complex Projects with Agile Practices: Synergizing Stakeholder Engagement and Innovation for Sustainable Project Delivery		
96	7616	Nandhini Sree S and Ramesh Kannan M	Scheduling of Residential Construction Project Using Queueing Graphical Evaluation and Review Technique (Q-GERT)		

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Track 1- Construction Project Delivery Day 2- Aug 23, 2025, Time: 3:30- 5:30 pm, Venue: A02				
97	9353	Sandra Sudhakaran, Akhil Prem P and Aritra Halder	A Triadic Approach to Construction Project Success: Lean Six Sigma, Sustainability, and Stakeholder Integration: A Literature Review.	A02
98	9632	Omkar Thongire, Gaurav Dubey, Aditya Chavan, Sara Syeda and Hindavi Gavali Tikate	Leveraging BIM for Sustainable Construction Practices and Integrated Project Delivery: TCCM Approach for Review	
99	5139	Ramakrishna Nallathiga and Priyanka Bendigiri	Pedagogical Innovations towards Teaching and Learning in CRIP: Applying Blended Learning Approach to Post- Graduate Studies	

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Track 1- Construction Project Delivery Day 2- Aug 23, 2025, Time: 3:30- 5:30 pm, Venue: A02					
100	8069	Tharun Dusa and Greegar George	Identification and evaluation of the most significant factors contributing to lining cracks in metro tunnels	A02	
101	8364	Dhairya Joshi and Parul Patel	Implementation of Value Stream Mapping to Enhance the Efficiency of Column Construction: A case of real Estate Project in India		
102	1644	Cypriyaan J, Dhivya R, Divyanand Sv and Vidya Khanapure	Optimizing Precast Production: Leveraging Digital Simulation and Lean Techniques		
103	9693	Pankaj Mani, Rakesh Kumar and Jagadish Patra	Evaluating flood risk at an industrial site using 1D-2D coupled hydrodynamic flow model under cascading effect of dam failure		
104	6688	Subhadarshan Panda, Ruchita Phulkar, Ansh Avtaar Moharana and Priyanka Bendigiri	Resilient Waterfront Urbanization: Sustainable Approaches for Coastal Real Estate Development		

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Sl. No	Paper id	Authors	Paper title	Venue
Track 7- Innovations in Real Estate, Architecture and Urban Planning Day 2- Aug 23, 2025, Time: 9:30-11:00 am, Venue: B01				
105	Offline	Dr. Ramesh Bhatawdekar	Smart Cooperative Housing Societies in India for Sustainability	B01
106	7808	Sameer Gujar	The Evolution and Role of Residential Open Spaces Concerning Social Sustainability – A Historical Review	
107	7849	Pooja Kanawade and Dr. Arati Petkar	Spatial Analysis of Peri-Urban Areas for Medium Town	
108	8350	Charvi Sawai, Chetna Rathee and Anil Kashyap	Linking Sustainable Urban Mobility with Economic Development: Insights from Sonipat, Haryana	
109	5315	Eesha Vinod and Anuja Pednekar	Tech-Integrated Urban Development: A Strategic Framework for Green Cities in India	

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Track 7- Innovations in Real Estate, Architecture and Urban Planning Day 2- Aug 23, 2025, Time: 3:30- 5:30 pm, Venue: B01					
110	9553	Sasiprasanth Sv and Chetna Rathee	Sustainable Freight Mobility: Time Data and Optimization Models for Urban Logistics Planning	B01	
111	6670	Shravni Wagh, Mitali Alavani, Rohit Sawant and Dr. Poulomee Ghosh	Understanding rental housing demand through literature review		
112	7706	Rohit Yadav and Rajni Kant Rajhans	Integrating Artificial Intelligence for Credit Assessment and Property Price Prediction		
113	8952	Dr. Arpita Mathur, Dr. Hindavi Tikate, Viir Viaan Kogalii, Pradhiksha B P, Rakshith M K and Purav Patel	Comparative Study of Embodied Energy and Embodied Carbon in conventional and non- conventional buildings		
114	9519	Milind Tiwari, Shruti Sonawane, Om Powar and Priyanka Bendigiri	Blueprint for Change: Constructing a Sustainable Future with ESG Reporting in Indian Real Estate.		
115	9785	Anish Yedgaonkar, Purval Mahajan, Shivratna Jagtap, Vivek Sutar and Avadhoot Dixit	A comparative Analysis of various photovoltaic software using actual output of 97.4 KWp Grid connected solar system at NICMAR University, Pune		

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Sl. No	Paper id	Authors	Paper title		Venue
Track 8- Management Solutions to CRIP Sector Challenges					
Day 2- Aug 23, 2025, Time: 9:30-11 am, Venue: B02					
116	4991	J C Edison and Pradeepta Kumar Samanta	Project Cost Estimation Using Morphological Analysis and Regression Modelling: Evidence from Indian Residential Construction Projects		B02
117	5101	Avinash Bagul	Six Sigma Methodology: A Case of Quality Improvement for Precast Structural Components		
118	6890	Kirti Rajhans and Mangalam Agarwal	Exploring the Interrelationship between Organisational Commitment Factors and Factors affecting Individual Employee Performance		
119	6919	Shripada Patil and Kirti Rajhans	Followership Traits for Modern Managers – Exploring the Case of Hanuman and Arjun from Indian Mythology		
120	9263	Alaknanda Menon	Innovating Public Private Partnerships: Global Housing Technology Challenge India		

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Day 2- Aug 23, 2025				(Indian Standard Time)	3:30- 5:30 pm
Sl. No	Paper id	Authors	Paper title		Venue
Track 8- Management Solutions to CRIP Sector Challenges Day 2- Aug 23, 2025, Time: 3:30- 5:30 pm, Venue: B02					
121	8167	Shripada Patil and Chanakya Kumar	A Study on Compensation Structures and Economic Volatility for Gig Workers in the Construction Sector		B02
122	3391	Sarvee Jain and Dr. Yogesh K. Garg	Mapping the Money: A Predictive Model for Urban Housing Prices in Class I Cities – A Case of Aurangabad, Maharashtra		
123	9005	Jefferson Charles J, Nitesh Aggarwal, Rishabh Pathak and Dr. Poulomee Ghosh	Key Enablers Driving the Success of Ports in India's Maritime Industry		
124	3261	Abhishek Shinde, Swarali Khardikar, Nilesh More, Aniket Kolpe and Abhishek Shrivastava	Assessing Service Quality Of Project Management Consultancy: Quality Function Deployment Approach		

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Sl. No	Paper id	Authors	Paper title		Venue
Track 9- Sustainability Challenges in the CRIP Sector Day 2- Aug 23, 2025, Time: 9:30-11 am, Venue: B03					
125	7380	Mohak Relan, Ekansh Bagul, Prerana Nikumbe and Sargam Navsare	Enhancing Groundwater Recharge Efficiency Through Eco-Friendly and Modular Infiltration Pits: A Hydrological Assessment of Jaltara Pits.		B03
126	7564	Vidya Khanapure, Edeeksha Shekhawat and Akash Shrivastava	Sustainable High-Rise Residential Construction: Evaluating Stakeholder Perceptions, Practices, and Policy Gaps		
127	4252	Manasi Patil, Asmita Hate, Mathili Gole and Ashish Rastogi	Impact of ESG Practices on Firm Performance: A structured literature review		
128	5098	Janhavi Ukidave, Sai Aravind Nimmakayala, Aparna I and Prof Avadhoot Dixit	Towards a Greener Campus: Techno-Economic Feasibility and Implementation of a Solar PV System for NICMAR University, Pune		

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Sl. No	Paper id	Authors	Paper title	Venue
Track 9- Sustainability Challenges in the CRIP Sector Day 2- Aug 23, 2025, Time: 3:30 -5:30 pm, Venue: B03				
129	Offline	Shivam Srivastava	From Silos to Systems: Rethinking Sustainability Governance in the Building and Infrastructure (B&I) Sector	B03
130	6017	Afan Tamboli, Sourabh Patil, Sabir Sayyed, Mayur Maske, Shridhar Kumbhar and Piyush Chandak	Comprehensive Life Cycle Assessment of Walling Systems for Sustainable Institutional Buildings in India	
131	6471	Nilesh Agarchand Patil	Impacts of Sustainable Construction Practices on Indian Stakeholders: As a Part of Integrated Project Delivery	
132	6508	Pragati Mishra, Shrajit Gupta, Saiteja Kanapur and Vidya Khanapure	Exploring the Constrains and Barriers to Implementing a Sustainable Lean-Integration Approach in High-Rise Residential Projects	
133	7190	Ts Hrishika, Seepana Harshavardhan, Ruchi Malpani and Pavan Totla	Understanding Regional Dynamics for Offshore Wind Energy in India: A Comparative Assessment of the East and West Coasts	
134	8580	Rhea Anne D'Costa, Dr. Abhijat Abhyankar and Dr. J. S. Sudarshan	Framework for treatment of grey water using Nature Based Solutions.	

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Sl. No	Paper id	Authors	Paper title	Venue
Track 11- Trends in Modern Construction Materials and Methods Day 2- Aug 23, 2025, Time: 9:30-11 am, Venue: C02				
135	3863	Ajay Kumar, Nikhil Kumar Verma, Shailendra Kumar and M. Chakradhara Rao	Application of ANFIS Model For Predicting Mechanical Traits of GPC	C02
136	4038	Snehal Srivastava and Rutuja Sunil Ulhe	3-D Printing Technology: An Enquiry into its Affordability Aspects in India	
137	5372	Praveen Kumar K, Shashank B S, Shivani S, Aravinda P T and Radhakrishna Krishna	Studies on Geopolymer Concrete with Bottom Ash and M-sand	
138	5776	Varshini Amruthashree C, Hemanthakumar H P, Kshitij Chandrashekar Wankhede, Hemanth Y N, Varuna M and Anjaneyappa Venkateshappa	Cracking Resistance of Stone Matrix Asphalt mixes Incorporating RAP, Shredded Plastic Waste using WMA Technology	

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Sl. No	Paper id	Authors	Paper title		Venue
Track 11- Trends in Modern Construction Materials and Methods Day 2- Aug 23, 2025, Time: 3:30-5:30 pm, Venue: C02					
139	6125	P S Ramesh, Murali Krishna N, B. V. Ravi Shankar, Praveen Kumar K and Radhakrishna Krishna	Performance of CFDST beams – An Analytical Approach		C02
140	6135	Tenepalli Jaisai	Impact of Sodium Chloride (NaCl) on Fresh Properties and Microstructure of Class F Fly Ash Geopolymer Mortar		
141	6393	G. Divya Anusree and Amol Pawar	A Review of Bacteria-Based Self- Healing in Cementitious Materials		
142	7154	Mrunmayee Joshi, Sharvari Kamble, Amaan Nalband, Yash Minache and Joyluis Rodrigues	A Comparative Analysis of Engineering Properties of Natural and Artificial Aggregate Fabricated with Steel Slag, Silica fume and GGBS.		
143	7448	Ashwini C, Manisha S, Ranjan G M and Varuna M	Influence of rap age and content on the mechanical properties of dense graded bituminous mixes		
144	7667	Sahana Siddu Rakkasagi, Nityananda J and Chethana R	Validation of Established Criteria for Maintenance and Sensitivity Analysis for Road Improvement Project Using HDM-4		

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Sl. No	Paper id	Authors	Paper title	Venue
Track 11- Trends in Modern Construction Materials and Methods Day 2- Aug 23, 2025, Time: 3:30-5:30 pm, Venue: D01				
145	9633	Vaishnavi Halade, Shruti Kamble, Yash Shirolkar, Suraj Salgar and Joyluis Rodrigues	Comprehensive evaluation of structural characteristics In hybrid fiber (Aramide & Basalt) reinforced concrete (HFRC)	D01
146	9028	Shashank B S and Ashish Rastogi	Assessment of the Feasibility of Implementing Structural Health Monitoring (SHM) in Indian Building Projects through the Use of the Internet of Things (IoT)	
147	1678	Shivani S, Sona B V, Praveen Kumar K, Radhakrishna Krishna, P S Ramesh and Shashank B S	Comparative analysis of PEB structures in different seismic zones of India	
148	9606	Jayaram M.A and Ramachandra V R	Metaverse in Infrastructure Engineering Technologies, Issues, and Future Directions	

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Sl. No	Paper id	Authors	Paper title	Venue
Case Study				
Day 2- Aug 23, 2025, Time: 9:30- 11 am, Venue: D02				
149	9582	Purushothaman Srinath, Manish Jantikar and Jim Jr	A case study on Linear Scheduling Method (LSM) using TILOS for analysing critical resource utilization in elevated corridor projects	D02
150	2585	Suresh Nama, Prachi Ingle and Varun Desai	Assessment of Noise Pollution and Mitigation Strategies for Urban Rail Transit: A Case Study of the Pune Metro	
151	7785	Aniket Thakur and Shobha Ramalingam	Lean Construction for sustainability Development: Investigating the interaction of SDG's and Lean Principles	
152	3537	Sahil Lande, Kshipra Akare, Siddhesh Sonar, Parimal Raut and Avadhoot Dixit	Clean Energy Transition using Hydrogen in Steel industry	
153	6433	Dr. Rajni Kant Rajhans, Poornima V R, Chitranshi Singh, Hardik Aggarwal and Shubham Patil	The Rise and Fall of HDIL	

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Sl. No	Paper id	Authors	Paper title	Venue
Practitioners' Perspective				
Day 2- Aug 23, 2025, Time: 9:30- 11 am, Venue: Mini Auditorium				
154	Invited Paper	Dr. Bharga Dave CEO & Co-Founder VisiLean	Automation in Lean Construction Planning	Mini Auditorium
155	5048	Lakshmi Kumari	Navigating complexities at all levels	
156	L&T	Vishva Mohan Srivastav Devendra Kumar	Process Innovation and Performance Transformation in Aggregate Manufacturing	
157	VisiLean	Paramjit Lota, Vijay Balah	Scaling Heights with VisiLean: Transforming the 40 Leadenhall Project for Mace	
158	L&T	Keerthi Appireddygari Anusha Jami Kartik G.	Applying Lean Principles of Mura, Muri, Muda to Improve Reliability in Project Scheduling	

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Sl. No	Paper id	Authors	Paper title	Venue
Practitioners' Perspective Day 2- Aug 23, 2025, Time: 3:30- 5:30 pm, Venue: Mini Auditorium				
159	5490	Vivek Singh and Pradeep Kumar Singh Bhadauria	Bridging the Gap: A Practitioner's Guide to Designing Effective Training Programs for Construction Quality Control	Mini Auditorium
160	5827	Rahul Kadukar	The Leadership Blueprint: Enhancing Coordination & Execution in Construction	
161	L&T	Jami Anusha Radhikaa R Agarwal Akash Subhash	Flexible Scheduling in Linear and Iterative Construction Projects – A Resource-Centric Approach	
162	6954	Binna Paul Mandapathil Gauri Seth	How Real-Time Dashboards Solve the Client's Biggest Pain: Delays, Disputes, and No Updates	
163	L&T	Radhikaa R Keerthi Appireddygar Agarwal Akash Subhash	Proactive Forensic Analysis: Mitigating Schedule Risks	
164	VisiLean	Paramjit Lota, Vijay Balah	Digital Lean Transformation in Data Centre Construction: The DPF Campus Case Study	

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Sl. No	Paper id	Authors	Paper title	Venue
Practitioners' Perspective Day 2- Aug 23, 2025, Time: 9:30-11:00 am, Venue: E01				
165	Offline	Dr. Santosh Prasannan	Lifecycle Project Management in Infrastructure Delivery: Lessons from Projects in the UAE and USA	E01
166	L&T	Mr. R.Lakshmanan Mr.V.N.Ramakrishnan Mr. Aniket Ahilu Lohote	Strategies for Effective Contracts Management	
167	3066	Vivek Singh and Deepak Gupta	Conducting Quality Audits in Large Bridge Projects: A Methodical Framework From A Practitioner's Perspective	
168	L&T	Prabhu, Manager – Planning	Driving Productivity Through Lean Thinking	
169	L&T	Mr. R.Lakshmanan Mr. V.N.Ramakrishnan Mr. Joshan John	Uncovered Price Variation in Mega Infra Projects	
170	0319	Santosh Wagh and Om Wagh	Morphometric Analysis of Nashik District using Geospatial Techniques	

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Sl. No	Paper id	Authors	Paper title	Venue
Doctoral Colloquium				
Day 2- Aug 23, 2025, Time: 9:30-11:00 am, Venue: F01				
171	5246	Manish Khandare and Anilkumar Agarwal	A Review on the Types and Effects of Fibers on the Performance of Cementitious Materials	F01
172	0407	Sanskar Gupta, Vakeel Raghuwanshi, Awnish Gupta, Manoj Sadafale and Mangesh Madurwar	Expansion Joints in Modern Construction: Design, Challenges, and Solutions	
173	5333	Manisha Pendlimarri, Burri Gurusekhar, Bhukya Bharadwaj, Bibhuti Bushan Das, Saikat Dutta and Salim Barbhuiya	Performance Analysis of Particle Size Of Biochar On Biochar-Modified Mortars	
174	6703	M Nisha, A P Sreehari, Bibhuti Bhusan Das, B V Gopalakrishna and Salim Barbhuiya	Sustainability through Slag Based Geopolymer Admixed with Biomass Ash	

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Sl. No	Paper id	Authors	Paper title	Venue
Doctoral Colloquium Day 2- Aug 23, 2025, Time: 9:30-11:00 am, Venue: F02				
175	2043	Saumya Bansal and Komal Handore	Reimagining Urban Public Spaces to Enhance Urban Liveability: Exploring the role of inclusive, accessible and environment friendly public spaces-A Systematic Review	F02
176	5341	Aarushi Dwivedi, Dr. Aanchal Sharma and Dr. Seema Praliya	Priliminary Assessment of The Gaps Between Architectural Education And NEP-2020 In India	
177	7131	Radhika Joshi and Dr.Medha Joshi	Beneath the Surface: Uncovering Risks in Metro Tunnel Construction	
178	4849	Vairavan M, Madhumitha K and Karthikadevi S	Modelling of Factors Affecting Heavy Equipment Productivity and their Influence in Construction Projects	

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Sl. No	Paper id	Authors	Paper title	Venue
Doctoral Colloquium Day 2- Aug 23, 2025, Time: 9:30-11:00 am, Venue: S02				
179	979	Prince Chittimala, Yuvraj Patil, Vaidehi Dakwale and Rahul Ralegaonkar	Analytic Hierarchy Process – Method to Establish Optimal Location of Recycling Plant	S02
180	2034	Mrinalini Jha and Dr. Rajni Kant Rajhans	Analyzing the Impact of Credit Availability on Housing Price Dynamics Using Machine Learning	
181	2147	Garima Buragohain and Poulomee Ghosh	A literature review to establish development phases of Urban Villages and associated challenges	
182	6598	Ajinkya Kanitkar, Upasana Patgiri and Premjeet Das Gupta	Implications of Mobility as a Response (MaaR) Framework with Urban Floods for Disaster Risk Mitigation: Case of Bengaluru	

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Doctoral Colloquium Day 2- Aug 23, 2025, Time: 3:30-5:30 pm, Venue: F01				
183	2459	Siddhartha Erelli	Intelligent Cost Management and Financial Transparency in Construction A Data-Driven Automation Framework	F01
184	2054	Rumjhum Bandyopadhyay, Prof. Dr. Seema Singh, Amal Bhattacharya, Dr Jonardan Koner and Manoj Kumar Singh	Virtual Reality Technology driven Safety Training in the Construction Industry: A Bibliometric Analysis	
185	7978	Anagha Galagali, Sayali Sandbhor and Kirti Ruikar	A Review on Enterprise Resource Planning in Construction	
186	3476	Shivam Priyadarshi	Assessing Critical Infrastructures risk to extreme events induced geo-hydrological hazards in a mountainous settlement in Eastern Himalayas	
187	9801	Rukhsar Sayed and Dr. Smita Patil	Carbon Offsetting in Construction: Leveraging Circular Practices with LCA	

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Doctoral Colloquium Day 2- Aug 23, 2025, Time: 3:30-5:30 pm, Venue: F02				
188	3086	Manoj Panwar, Vaishali Saini and Kavita Rathi	Assessment of the Public Healthcare System in the state of Haryana using spatial inequalities	F02
189	2997	Biplab Kumar Dey	Leadership and HRM Strategies for Overcoming Project Challenges in the Steel Industry	
190	1609	Sanjeeva Rao A and Rahul Deshpande	Public–Private Partnership models in Railway Infrastructure Delivery in India: Challenges and Way Forward	
191	4761	Dhananjay Bhosale and Dr. Smitha Yadav	Analyzing Contractual Disputes and Delays in Public Building Projects: Evidence from Case Studies	
192	9013	Sibatosh Debnath and Sudhir Ambekar	Delay and Cost Overrun in Hydropower Projects – A Systematic Literature Review	

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Innovations in CRIP				
Day 2- Aug 23, 2025, Time: 9:30-11:00 am, Venue: D04				
193	5332	Yuvraj Patil and Shubhangi Desai	Groundwater Budget Evaluation in a Semi-Arid Region: A Case Study of Solapur, Maharashtra, India	D04
194	8469	Sunrut Nanoti and Arpita Mathur	The Social Fabric of Migration: Indian Construction Labourers in the UAE and Their Networking Dynamics	
195	3382	Parul R P.R.Patel and Kavya Patel	Assessment of risk factors affecting time and cost for bridge construction projects: A case study-based approach	
196	3610	Ujwal Pasalkar and Rohit Salgude	RERA 2016 and The Transformation In Indian Real Estate: Challenges, Compliance And Consumer Protection	
197	6577	Varad Chowgule, Ketaki Kulkarni	Cost Overrun Analysis of Water Resources Projects	

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Innovations in CRIP				
Day 1- Aug 22, 2025, Time: 3:30-5:30 pm, Venue: E-02				
198	9366	Sharon Brown	Work-Life Balance and Childcare Challenges for Women in Construction: Barriers and Pathways to Advancement	E02
199	6081	Nowbuth Manta Devvi, Spataru Catalina, Carvalho Priscilla and Esteban Miguel	Status of awareness and engagement of coastal communities to the compound impacts of drought and heatwaves	
200	3270	Prasad Deshpande, Sourajit Dey, Nishadini Widanagamage and Gaurav Jha	Evaluation of GraphCast forecasts for the Central Plains of the USA	
201	7666	Antonio Torres Valle, Juan C. Sala Rosario, Yanelba Elisa Abreu Rojas and Ulises Jauregui Haza	Comprehensive Modeling of Climate Risk in the Dominican Republic Using a Multivariate Simulator	
202	9943	Olatunji Joseph Oladiran	Optimization of Admixtures' Impacts in Concrete Production for Construction Projects	

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Innovations in CRIP				
Day 2 – Aug 23, 2025, Time: 3:30-5:30 pm, Venue: E-02				
203	5709	Sparsh Chowdhary, Sonali Srivastava, Ritiksha Rajkumari, Kshitija Raje and Dr. Shobha Ramalingam	Assessing Energy – Efficiency for a Green Campus	E02
204	7623	Manta Nowbuth, Nakka Sai Bhaskar Reddy and Gibbs Anne	Community engagement in flood management in flood prone areas	
205	2729	Devansh Goel, Dr. Sudarshan D. Kore and Dr. Nilesh Patil	Influence of Sand Size and Ultrafine GGBS on the Performance of Blended Cementitious Mortars	
206	8765	Nicolás Esteban Azcona Rodríguez, Pamela Mármol Mendaz and Santiago Mota Páez	Seismic Hazard and Physical Vulnerability of Buildings in the Coastal/Southern Municipality Area (BARAHONA), DOMINICAN REPUBLIC	
207	0238	Balkis A, Dr. Shashank Bs and Dr. Rajesh Goyal	Enhancement of Strength Properties of Concrete by Replacing OPC with GGBS and Microfine and Incorporating Graphene Oxide	

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Innovations in CRIP				
Day 1 – Aug 22, 2025, Time: 3:30-5:30 pm, Venue: S01				
208	8386	Parthvi Sawant, Ishika Maheshwari, Manali Ghadge, Pooja M and Aritra Halder	Analyzing the Impact of Stakeholder Engagement, Project Resilience, and Citizenship Behavior on Project Complexity and Success: A PLS-SEM Approach	S01
209	0480	Avinash Ojha and Unnati Agrawal	Performance Assessment of Geopolymer Paver Blocks Designed Using IS 10262 and IS 17452 Standards	
210	2688	Shyam Kumar Inturi, Raja Sekhar Mamillapalli, Pramadha Varakavi and Ravindranadh Chowdary Kamma	Implementation of Quality Management Practices in Construction	
211	6051	Raja Sekhar Mamillapalli, Venkatesan Renganaidu and Abhishek P S	Circular Business Ecosystems in global construction and non-construction Industries	
212	6386	Komal Handore	Analyzing Socio-Economic Determinants of Urban Infrastructure Using Regression Models: A Case Study of Pune	
213	6823	Aishwarya Bali, Kanika Bansal and Utsav Choudhury	Building Inclusive Resilience: Integrating the Needs of Persons with Disabilities in Disaster Management	
214	8524	Krishna Dayama, Shekhar Modi, Nikhil Jadhav and Abhijat Abhyankar	A Framework for Identification Of Landfill Sites Using GIS And Remote Sensing. A Case Study of Pune City, Maharashtra.	

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Doctoral Colloquium				
Day 2- Aug 23, 2025, Time: 9:30- 11:00 am, Venue: A02				
215	2171	Abhilasha Kumbalwar, Bhagyashri Lanjewar, Manoj Wankhede and Rahul Ralegaonkar	Adaptability of Volumetric Construction Practices for Developing Countries; Stakeholders' Perception and Promotional Strategies	A02
216	6152	Shrivas Abhi Mukesh, Abhilasha Kumbalwar and Rahul V Ralegaonkar	Review of ML models in predicting the Compressive Strength of 3D Printed Concrete	
217	5981	Shivani Senthilkumar and Poulomee Ghosh	Multi-storey residents' perception of their home's thermal comfort: Evidence from Pune and relationship to building elements	
218	5370	Neha Priyadarshini and Dr Vikas Prasad	Spatiotemporal Analysis of Shoreline Dynamics and Coastal Zone Management Strategies in Mandavi, Gujarat (1980–2024)	