ILCC 2026 - Presentation Schedule

SL.No.	Session & Track No.	Session Theme	Date & Time	Location	Session Chairs	Paper ID	Timing	Paper Title	Authors
1	S1 - T1	**Sustainability, Materials and Lean Construction**	27/Nov/2026 2 PM to 3:15 PM	Nakshatra Auditorium (9th Floor)	Dr. Ganesh Devkar & Dr. Venkata Santosh Kumar Delhi	1636	2.00 PM to 2:15 PM	Assessing Barriers to the Implementation of an Integrated Lean–Sustainability Approach in High-Rise Residential Construction Projects: Insights from Industry Practice	Vidya Khanapure and Swaraj Bankar
2						2273	2.15 PM to 2:30 PM	Selection of Alternative Construction Material in Marine Environment Using CBA Approach	Deepak Gupta, Pokkunuri Guru Raju, Sunil Chougule and Arka Mukherjee
3						6473	2.30 PM to 2:45 PM	Application of Lean Principles in Stone Quarrying	Majji Purna Bhavani and Santhosh Loganathan
4						6826	2.45 PM to 3:00 PM	Frugal by Design, Circular by Default: A Lean Six Sigma Operating System for Affordable, Low-Carbon Infrastructure Delivery in India	Indranil Aich
5						8653	3.00 PM to 3:15 PM	Integrating Lean Principles into Modular Off-Site Precast Construction: A Framework for Waste Reduction and Production-Erection Synchronization	Yuvraj Dhargalkar, Shubham Tiwari and Pravin Minde
6	S1 - T2	**Quality, Risk and Reliability in Construction**	27/Nov/2026 2 PM to 3:15 PM	Breakout Area 2 (9th Floor)	Dr. Santhosh Loganathan & Dr. Senthilkumar. V	5012	2.00 PM to 2:15 PM	The Quality Synergy: Blending ISO Certification with Lean Culture in Construction	Amol C Walawalkar, Guru Raju P and Vaidehi A. Dakwale
7						2633	2.15 PM to 2:30 PM	A Lean Readiness Index and Delay Reliability Matrix for Extension of Time Admissibility in Infrastructure Projects	Kartik G, Thimmareddy Tejasri and Anusha Jami
8						4403	2.30 PM to 2:45 PM	The Missing Clause: Premature Structural Failure and the Absence of Design-Life Liability Architecture in Construction Contracts	Vishal Kumar Chaudhary
9						43	2.45 PM to 3:00 PM	Reliable Design-Package Release in Metro Projects: A Lean Integrated Assurance Framework	Pawan Pandey and Sivarama Krishnan
10						8806	3.00 PM to 3:15 PM	Bridging Construction Quality and Lean Thinking: A Causal Loop Framework	Saurabh Kumar, Venkata Santosh Kumar Delhi and Mehrdad Arashpour
11	S1 - T3	**Lean Culture, Collaboration and Organizational Change**	27/Nov/2026 2 PM to 3:15 PM	Breakout Area 3 (9th Floor)	Dr. Murali Jagannathan & Dr. Raja Sekhar Mamillapalli	2831	2.00 PM to 2:15 PM	Lean-Enabled Knowledge Continuity During Leadership Transitions in Construction: A Conceptual Case Study	Palavalasa Vyshnavi and Santosh Loganathan
12						5225	2.15 PM to 2:30 PM	Optimizing Construction Operations Through BIM-Supported Integrated Team Workflows: Linking Lean Construction and IPD in Large Project Delivery	Sourav Kumar Singh, Shubham Mishra, Durga Saripally and Tanay Mohapatra
13						5584	2.30 PM to 2:45 PM	Lean Driven Imperatives: Activity Based Lean Culture	Kaezad Karanjawala, Sagar Karnik, Rahul Ruikar, Vinayak Salvi and Jitendra Bhatt
14						9628	2.45 PM to 3:00 PM	Lean-BIM Integration in Indian Construction: Survey Evidence and Implications for SME Implementation	Vyshak Chandrasekhar and Prasanna Venkatesan Ramani
15						9496	3.00 PM to 3:15 PM	Challenges and Limitations of Collaborative Planning in Small and Medium Construction Projects	Srajan Rana and Vaidehi A. Dakwale

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16	S2 - T1	**Lean Production Planning and Last Planner System**	27/Nov/2026 3:30 PM to 5 PM	Nakshatra Auditorium (9th Floor)	Dr. Venkatesan Renganaidu & Dr. Albert Thomas	270	3:30 PM to 3:45 PM	Takt-Based Production Planning under Variable Work-Front Release: A Case Study of Metro Track Construction	Ashritha Reddy Yeddula and Dr. Santhosh Loganathan
17						4116	3:45 PM to 4:00 PM	Beyond Percent Plan Complete (PPC): The Coerced Commitment Index as a Leading Indicator of Quality Risk in Last Planner System Huddles	Rajapandiyan S and Santhosh Loganathan
18						4129	4:00 PM to 4:15 PM	Beyond TAKT: Creating Flow, Reliable Handoffs, and Production Rhythm Through Digital Delivery	Kaezad Karanjawala, Devendra Dubey, Abhinav Agrawal, Jitendra Bhatt and Sumit Agrawal
19						5642	4:15 PM to 4:30 PM	Bridging the Planned-to-Committed Gap: A Constraint Triage Framework for Planning Reliability in the Last Planner System	Varshni M S, Prof. Virendra Kumar Paul and Rhijul Sood
20						6332	4:30 PM to 4:45 PM	Digital Last Planner System for Resource Optimization	Jyoti Trivedi, Manas Upadhyay, Aritra Roy, Swarali. Nimje and Sagar Gandhi
21						7451	4:45 PM to 5:00 PM	Automated Last Planner System (LPS) in a Residential Construction Project for Construction Performance	Jyoti Trivedi, Anirudhsinh Yadav, Aritra Roy, Swarali. Nimje and Sagar Gandhi
22	S2 - T2	**Lean Construction Logistics and Workflow Optimization**	27/Nov/2026 3:30 PM to 5 PM	Breakout Area 2 (9th Floor)	Dr. Karthik Dasari, Dr. Chirag Kothari	721	3:30 PM to 3:45 PM	Value Stream Mapping for Waste Reduction in Lean Construction Logistics	Suresh Vankudoth, Raja Sekhar Mamillapalli, Venkatesan Renganaidu and Ravindranadh Chowdary Kamma
23						3588	3:45 PM to 4:00 PM	The Smart Kan: Integrating Daily Progress Report into an Automated Kanban Framework for Just-in-Time Logistics	Himanshu Kumar Sinha and Santhosh Loganathan
24						5257	4:00 PM to 4:15 PM	Managing Logistical Interferences and Production Variability in Twin Tunnelling Operations: A Lean Production Framework	Himanshu Singh, Anukriti Chauhan and Santhosh Loganathan
25						5353	4:15 PM to 4:30 PM	Lean Digital Subcontractor Workflow Framework for Streamlining Quantity-to-Payment Processes in Construction Projects	Adarsh T S and Santhosh Loganathan
26						8155	4:30 PM to 4:45 PM	Optimizing Tunnel Boring Machine Productivity: A Planned-vs-Actual Framework Integrating Look-Ahead Planning and Foreman Delay Surveys	Sujith S, Santhosh Loganathan and Vigneshwar R.V.K
27						9913	4:45 PM to 5:00 PM	Lean-Based Process Improvement in Power Transmission Line Construction Using Value Stream Mapping	Rinki Yadav, Ankur Singh Rana and Kartik Gatte
28	S2-T3	**BIM, AI and Digital Twins for Lean Construction**	27/Nov/2026 3:30 PM to 5 PM	Breakout Area 3 (9th Floor)	Dr. Aritra Pal & Dr. Varun Kumar Reja	9270	3:30 PM to 3:45 PM	Model Context Protocol for AI-Assisted Project Scheduling (MCP-APS): A Human-in-the-Loop Framework for Intelligent Primavera P6 Project Controls	Kartik G., Keerthi Appireddy, Anusha Jami and Radhikaa R
29						2799	3:45 PM to 4:00 PM	BIM, Lean and AI in Construction Scheduling: A Systematic Review	Prakash Raja Balasubramaniam and Deepthi Bendi
30						4644	4:00 PM to 4:15 PM	Artificial Intelligence and Lean Construction: A Systematic Literature Review	Venkatesan Renganaidu, Raja Sekhar Mamillapalli, Prasad K V and Phani Poojitha T
31						4716	4:15 PM to 4:30 PM	A Digital Twin-Driven Decision Support Framework for Real-Time Productivity Management in Construction	Krishna Pacheriwal and Varun Kumar Reja

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32						4845	4:30 PM to 4:45 PM	Field Installation Knowledge as a Critical Success Factor for Effective VDC Implementation in Construction	Akshat Goyal and Pranav Aparajit
33						613	4:45 PM to 5:00 PM	Generative-AI-Based Visual Management (Gen-VM) for Lean Construction: A Development Framework and Case Verification Without Full BIM	Nikhil Bhanavse, Venkata Santosh Kumar Delhi, Piyush Desai, Milan Singh and Sudheer Kumar Nanduri
34	S3-T1	**Lean Implementation and Project Delivery Strategies**	28/Nov/2026 9 AM to 10:30 AM	Nakshatra Auditorium (9th Floor)	Dr. Nikhil Bugalia & Dr. Vaidehi A. Dakwale	2407	9.00 AM to 9:15 AM	Integrated Framework for Implementing Lean in the Pre Construction Phase for Project Workflow Optimization	Raja Sekhar Mamillapalli, Venkatesan Renganaidu, Sai Varshini K and Mani Teja Reddy Ch
35						2556	9:15 AM to 9:30 AM	Lean Without Lean? Owner-Side Delivery-System Change for Fast-Track Campus Facilities	Kiran R Janjalkar, Sudheer Kumar Nanduri and Venkata Santosh Kumar Delhi
36						5025	9:30 AM to 9:45 AM	Exploring the Impact of Construction Execution Strategies on Project's Performance	Ayushi Agrawal and Chirag Kothari
37						9944	9:45 AM to 10.00 AM	Assessing the Productivity Enabling Effect of 5S Lean Implementation in High Rise Residential Construction	Raja Sekhar Mamillapalli, Venkatesan Renganaidu, Suresh Vankudoth and Dillip Kumar Bera
38						6763	10.00AM to 10:15 AM	Beyond Efficiency – Integrating Lean, Digital and Mechanized Practices for Predictable and Sustainable Project Delivery: A Case Study from the Peerless Trayam Project	Abhishek Mitra
39						9004	10:15AM to 10:30 AM	Scaling Lean Construction: A Comprehensive Delivery Framework for Hillside Residential Project	Kaezad Karanjawala, Diamond Barretto and Jitendra Bhatt
40	S3-T2	**Digital Technologies and Experiential Learning in Construction**	28/Nov/2026 9 AM to 10 AM	Breakout Area 2 (9th Floor)	Dr. Prasanna Venkatesan Ramani	3035	9.00 AM to 9:15 AM	Lean Design Approach for Optimizing Design Process: In the Context of 3DCP	Shuvo Goswami
41						3734	9:15 AM to 9:30 AM	Gamifying Lean Construction: 'FlowState' as a Digital Simulation for Experiential Learning in Production Control and Value Management	Hemant Kumar, Devi Sendhil, Parul Patel, Dhvij Shah, Arjav Chaudhari and Jugal Thakkar
42						5407	9:30 AM to 9:45 AM	Augmented Reality Based Visualization and Rule Guided Stacking Framework for Construction Materials	Aneetha Vilventhan, Aashrith Kairamkonda and Ram Venkataraman Guru
43						6078	9:45 AM to 10.00 AM	A Review of Serious Gaming Based Construction Safety Training	Aum Bhatt and Varun Kumar Reja
44	S3-T3	**Lean Methods for Construction Operations and Productivity**	28/Nov/2026 9 AM to 9:45AM	Breakout Area 3 (9th Floor)	Dr. Kaushik Bhattacharjee	692	9.00 AM to 9:15 AM	Integrating Lean Construction Parameters for Construction Methodology Selection: The Case of a Complex Structural Steel Canopy Erection	Parnish Kumar Ghodki and Santhosh Loganathan
45						3969	9:15 AM to 9:30 AM	Procurement Flow Variability and Cost Performance Analysis: A Category-Based Lean Framework	Srijan Dutta, Santhosh Loganathan and Vigneshwar R.V.K
46						6735	9:30 AM to 9:45 AM	From Barriers to Transformation: An Upstream-Downstream Framework for Lean Construction Implementation in India	Deepjyoti Nath

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	P3	P8	P13
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S2	**T1**	**T2**	**T3**
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S3	**T1**	**T2**	**T3**
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S- Sessions

T- Parallel Tracks

P- Paper Presentations