DIGITAL BUILT INDIA 2024

2nd National Summit on BIM & Inclusive Infrastructure Digitalization

22–23 November 2024, IIT Bombay

DIGITAL 2024 BUILT INDIA

Agenda

DAY 1 – 22 NOVEMBER, 2024

Time	Main Event (Auditorium)	Seminar Hall 1	Seminar Hall 2	Board Room
09:00 – 10:00	**Registration**			
10:00 – 11:00	**Inaugural Session & Keynotes**			
11:00 – 11:30	**India's Infrastructure Vision and Our Digital Initiatives**			
11:30 – 11:45	Tea/Coffee Break			
11:45 – 13:15	**Disruptive Digital Technologies and Its Impact on Traditional Business Processes** New technologies such as BIM, AI, Robotics, are enabling more efficient project planning, design, and execution, leading to cost savings, improved safety, and enhanced productivity. For instance, BIM allows for accurate 3D modeling and real-time collaboration, reducing errors and rework. This session will deliberate on how these tech advancements are challenging traditional methods, pushing the industry towards more integrated, data-driven approaches that enhance overall project outcomes.	**DBI 24 Hackathon** Bug Finding	**openBIM Master Class** **Session 1** Introduction to Building Information Modeling (BIM) and Key Terminologies	**Industry Round table 1** Government, Owner Operators (Public & Private), and Policy Makers
13:15 – 14:15	Lunch			
14:15 – 15:45	**Digital Technologies & Processes for Achieving Sustainability Goals** India is recognizing the need to develop resilient and sustainable infrastructure in the wake of rising economic losses from disasters and climate change. Digital technologies and processes play a pivotal role in helping the Indian construction industry achieve sustainability goals. BIM, Digital Twins, sensors can help in reducing the carbon footprint of construction activities. Additionally, they can improve the longevity of infrastructure and minimizing resource consumption. The session will discuss how these digital solutions support sustainable construction practices, aligning the industry with India's broader environmental and economic sustainability objectives.	**DBI 24 BIMathon** Model Making	**openBIM Master Class** **Session 2** Global BIM Standards and Best Practices	**Industry Round table 2** Construction Firms and Builders/ Developers
15:45 – 16:00	Tea/Coffee Break			
16:00 – 17:30	**Digital Standards & Policies: Critical to Achieve Our Infrastructural & Economic Goals** Digital standards and policies are crucial for India to achieve its infrastructural and economic goals, as they provide a unified framework for efficient technology adoption and integration across sectors. By establishing clear digital guidelines, India can enhance transparency, optimize resource utilization, and attract foreign investments, accelerating its journey to becoming a $26 trillion economy.	**DBI 24 Clashathon** Coordination Contest	**openBIM Master Class** **Session 3** OpenBIM: The Importance of Open and Interoperable Solutions	**Industry Roundtable 3** Technology Firms, SI & BIM Consultants
17:30 Onwards	**Closing Remarks**			
19:00 – 21:00	**Networking Dinner (By Invitation only)**			

DIGITAL 2024 BUILT INDIA

Agenda

DAY 2 – 23 NOVEMBER, 2024

Time	Main Event (Auditorium)	Seminar Hall 1	Seminar Hall 2	Board Room
09:30 – 10:00	**Registration**			
10:00 – 10:30	**Inaugural Session & Keynotes**			
10:30 – 11:00	**Overhauling the Education System to make it Industry Ready**			
11:00 – 11:30	**Onboarding India to openBIM certification**			
11:30 – 11:45	Tea/Coffee Break			
11:45 – 13:15	**Challenges of BIM & Digital Initiatives on Architecture & Engineering Business: Pros & Cons** This session will explore the challenges and opportunities associated with BIM and digital initiatives in the Indian AEC industry. While BIM offers significant advantages, such as improved collaboration, enhanced design accuracy, and streamlined project management, its adoption in India faces hurdles like skill gaps, lack of awareness, resistance to change from traditional practices. However, embracing these technologies can lead to better project outcomes and reduced errors.	**DBI 24 Paprep** **Session 1** Paper Presentation	**openBIM Master Class** **Session 4** Understanding Key OpenBIM Components: IFC, MVD, BSDD, and BCF	**Industry Round table 4** Academica, Colleges and Universities
13:15 – 14:15	Lunch			
14:15 – 15:45	**Digital Transformation: Risks and Mitigation Strategies** Digital transformation in the construction industry brings significant opportunities, but it also introduces risks, such as cybersecurity threats, data privacy concerns, and technology integration challenges. Data security issues can lead to data loss or project delays at the national level, while integrating new technologies with existing systems can cause disruptions. To mitigate these risks, the session will dwell upon the necessary counter measures, clear data governance policies, minimizing disruptions and enhancing overall project efficiency.	**DBI 24 Paprep** **Session 2** Paper Presentation	**openBIM Master Class** **Session 5** Building Organizational BIM Capabilities: An Asset Life Cycle Approach	**Industry Round table 5** Design, Engineering and Project Management
15:45 – 16:00	Tea/Coffee Break			
16:00 – 17:00	**DBI 2024 Awards**			
17:00	**Closing Remarks followed by Refreshments**			