



LC³ Information Day
Commercial production and application in India
15 December 2025

Indian Institute of Technology Delhi

Venue: Auditorium, Research and Innovation Park, IIT Delhi, Hauz Khas,
New Delhi 110016

Time : 9:00 am to 3:00 pm

Google maps location: <https://maps.app.goo.gl/xTqetZrtNCxbm4HG8>

| Time | Topic |
|----------------|---|
| 09:00-09:30 am | Registration |
| 09:30-10:00 am | Welcome & Introduction to LC ³ (Prof. Shashank Bishnoi, IIT Delhi) |
| 10:00-10:15 am | GIZ project on LC ³ (Vaibhav Rathi, GIZ) |
| 10:15-10:45 am | Decarbonization in Cement Sector (Ms. Ruchika Drall, MoEFCC) |
| 10:45-11:00 am | Tea break |
| 11:00-11:30 am | Production of LC ³ (Dr. Nihar Ranjan Tripathy & Ms. Deepanshi Garg, J K Cement Ltd) |
| 11:30-12:00 pm | Use of LC ³ in residential construction (Mr. Aun Abdullah, Lodha) |
| 12:00-01:00 pm | Panel Discussion – Sustainability in construction Sector |
| 01:00 pm | Lunch |

Training course on chemistry of sustainable cements
16 December 2025
Indian Institute of Technology Delhi

Venue: Auditorium, Research and Innovation Park, IIT Delhi, Hauz Khas, New Delhi 110016

Agenda

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|----------|--|
| 9:15 am | Cement production (Prof. Shashank Bishnoi, IIT Delhi) |
| 9:45 am | Cement hydration (Prof. Shashank Bishnoi, IIT Delhi) |
| 10:45 am | Tea break |
| 11:00 am | Hydration of SCMs (Prof. Piyush Chaunsali, IIT Madras) |
| 12:15 pm | Chemistry of alkali activated binders (Prof. K.V.L. Subramaniam, IIT Hyderabad) |
| 1:15 pm | Lunch |
| 2:00 pm | Microstructure and phase development of cements (Prof. Sreejith Krishnan, IIT Jodhpur) |
| 2:30 pm | Phase quantification using XRD (Prof. Sreejith Krishnan, IIT Jodhpur) |
| 3:30 pm | Tea break |
| 3:45 pm | Thermodynamic modelling of cements (Prof. Keshav Bharadwaj, IISc Bangalore) |
| 4:30 pm | Molecular dynamics (Prof. Aslam Kunhi Mohamed, IIT Madras) |
| 5:15 pm | Closing remarks |

Register on this link: <https://forms.gle/53AigsVxe93Eyx397>

Stakeholder symposium – Future sustainable cement researchers
17 December 2025
Indian Institute of Technology Delhi

Venue: Auditorium, Research and Innovation Park, IIT Delhi, Hauz Khas, New Delhi 110016

Agenda

| | |
|----------|---|
| 9:00 am | Introduction |
| 9:30 am | Aastha Singh, Indian Institute of Technology Delhi Akshat, IIT Mandi Amit Kumar, Indian Institute of Technology Anurag Rajput, IIT Mandi ANWESA SATAPATHY, IIT Delhi Ashirbad Satapathy, Indian Institute of Technology Delhi Chandra Shekhar Changeriya, Indian Architect Chittorgarh Indumathi C, NITK, Surathkal Kartik Saini, Indian Institute of Technology, Roorkee |
| 11:00 am | Tea break |
| 11:20 am | Madhu Sudhan Bolla, IIT Roorkee Mansi Thakur, Indian Institute of Technology Madras Nikita Majhi, Indian Institute Of Technology Delhi, IIT Delhi Nisha M, NITK Surathkal Sanjeet Kumar Mishra, National Institute of Technology Karnataka, Surathkal Sudeshna Purkayastha, Kerakoll R&D Suhail Ahmad Baba, IIT Delhi Supriya, AcSIR, CSIR-CBRI Roorkee Suyash Bhandaree, Indian Institute of Technology, Delhi Gaurav Jain MITS |
| 1:00 pm | Lunch |

Each student will be required to make a 5 minute presentation on their research work. Each presentation will be followed by 5 minutes of questions and comments. Presenters should make an effort to stay concise. Presentation will be stopped precisely 300 seconds from the start.

Register at the link below to submit an abstract for the symposium
<https://forms.gle/ffcyyq5aMwYGcRU8v8>

Register on this link to attend: <https://forms.gle/53AigsVxe93Eyx397>