



Limestone  
Calcined  
Clay  
Cement

# LC<sup>3</sup>

## Technology Resource Center

### *Two day – Training programme on Science & Applications of LC<sup>3</sup>*

Date: 09.05 2024 – 10.05.2024

Venue: IIT Delhi, Hauz Khas, New Delhi

Timing: [09:00 AM to 5:00 PM](#)

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

Day 1	Session name	
09:00 – 09:30	<b>Welcome and Registration</b>	
09:30 – 10:00	Introduction to LC <sup>3</sup> science	Prof. Shashank Bishnoi
10:00 – 11:00	Science behind clay selection	Dr. Rashmi Sharma
11:00 – 11:30	Characterisation of clays	Dr. Rakhi Tyagi
11:30 – 11:45	<b>Tea break</b>	
11:45 – 12:45	Clay reactivity assessment techniques	Ms. Mehnaz dhar
12:45 – 13:45	Hydration and Microstructure Development	Prof. Shashank Bishnoi
13:45 – 14:30	<b>Lunch</b>	
14:30 – 16:30	<i>Practical Sessions</i>	

Day 2	Session name	
09:00 – 09:30	Workability with LC <sup>3</sup> – Issues and solutions	Mr. Ashirbad Satapathy
09:30 – 10:00	Mechanical properties of LC <sup>3</sup>	Mr. Amit Kumar & Mr. Suhail Baba
10:00 – 11:00	Durability of LC <sup>3</sup> concrete	Mr. Lupesh Dudi
11:00 – 11:15	<b>Tea break</b>	
11:15 – 11:45	Production of LC <sup>3</sup> at industrial scale and standards	Prof. Shashank Bishnoi, IIT Delhi
11:45 – 12:15	Potential of multi-blended cements	Ms. Anwesa Satapathy
12:15 – 12:45	Economic and environmental aspects of LC <sup>3</sup> production	Dr. Neha Gupta and Ms. Isteeda Iqbal
12:45 – 13:05	TRC: Supporting the industry on LC <sup>3</sup>	Dr. Neha Gupta
13:05 – 13:50	<b>Lunch</b>	
13:50 – 16:30	<i>Practical Sessions</i>	