

NEWSLETTER



Institute Research (IR) Award

We extend our heartfelt congratulations to Dr. Bipina T, who has been awarded the Institute Research (IR) Award from Indian Institute of Technology Madras for her doctoral research work “Development of Calcium sulfoaluminate-belite cement using alternative raw materials”. IR award was instituted to encourage meritorious research scholars and is awarded to a maximum of 25 top research scholars of the institute every semester. Bipina worked under the guidance of Prof. Piyush Chaunsali.

Conference & Outreach



Professors of CoE on TLC2 attended the C3 Symposium in Chicago, on October 4th 2025 to celebrate the 90th year of Prof. Surendra P Shah along with other participants and IIT Madras alumni



TLC2 faculty members Ravindra Gettu, Manu Santhanam, Radhakrishna Pillai and Piyush Chaunsali with the legendary Prof. Zdenek P Bazant of Northwestern University, Oct. 4th 2025 during the C3 Symposium in Chicago



The 2nd Advisory Board Meeting with the TLC2 Consortium Platinum member companies was held on October 24 at IIT Madras

Since its launch in September 2024 and the establishment of our advisory board in November last year with renowned industry experts, we have made significant strides in advancing research initiatives.

General Recommendations & Future Directions

- Harmonize SCM and durability specifications across public and private sectors
- Expand TLC2 Green Academy training and certification initiatives
- Foster international collaborations for code and testing guideline development
- Focus on digitization, automation, and sustainability for next-generation construction technologies

Platinum Members

Asian Paints

Fosroc

L&T Heavy Civil Infra IC

Schwing Stetter

UltraTech Cement

Core projects Selected for 2026

- Optimization of Concrete Batching Approach to Produce Sustainable Concrete
- Alkali Monitoring to Assess SCM Substitution in Fresh Concrete
- TLC2 Chatbot
- Non-destructive, non-contact, and accelerated condition assessment of reinforced concrete bridges
- Visual Servoing for Automated Rebar Tying Using Robotic Manipulators