



AISSMS COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय

An Autonomous Institute Affiliated to Savitribai Phule Pune University
Approved by AICTE, New Delhi and Recognised by Govt. of Maharashtra

Accredited by NAAC with "A+" Grade | NBA - 7 UG Programmes

DEPARTMENT OF CIVIL ENGINEERING



REPORT ON

“Expert Session on Advances in Concrete Technology and Industry Practices”

in association with

Indian Concrete Institute (ICI), Pune Centre



Pune Centre

Activity:

The Department of Civil Engineering, AISSMS College of Engineering, Pune, in association with the Indian Concrete Institute (ICI), Pune Centre, organized an Expert Session on “Advances in Concrete Technology and Industry Practices”

Date: Wednesday, 1 April 2026

Venue: Center for Information, Training, and Placement (CITP)

Objective:

- To give basic knowledge about latest developments in concrete technology.
- To understand modern construction methods used in the industry.
- To connect classroom learning with real-life industry practices.
- To improve technical knowledge and practical understanding.

Industry Coordinator:

- Er. Amit Haridas, Chairman, ICI Pune Centre

Faculty Coordinator:

- Dr. Shilpi Bhuinyan and Dr. V. S. Khanke



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Participants Details:

Total No. of Participants for workshop – 90

Details:

The expert session was highly informative and focused on bridging the gap between theoretical knowledge and practical industry applications. Er. Amit Haridas shared valuable insights into modern construction practices and recent advancements in concrete technology, making the session engaging and beneficial for students.

During the session, various important topics related to concrete and construction practices were discussed. The key areas covered include:

- Site practices in concrete construction, highlighting real-world challenges and solutions
- Quality control in concrete work, emphasizing the importance of maintaining standards
- Introduction to Self-Compacting Concrete (SCC) and its advantages
- Concept and applications of mass concreting
- Explanation of different reactions in concrete affecting strength and durability
- Overview of equipment used in Ready Mix Concrete (RMC) and concreting works
- Demonstration through videos of concrete testing methods, such as:
 - 🚧 Slump Cone Test
 - 🚧 Flow Test
- Importance and application of IS Codes in Civil Engineering and concrete practices
- Discussion on basic terms of concrete technology
- Brief explanation of the cement manufacturing process

The session also included practical explanations and visual demonstrations, which helped students understand concepts in a simple and effective manner. The use of videos and real-life examples made the session more interactive and engaging. Students actively attended the session. The session proved to be highly beneficial in enhancing their practical knowledge and understanding of modern concrete



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technology used in the construction industry. The expert session provided a valuable learning experience by connecting academic concepts with real-world engineering practices. It also motivated students to explore advanced topics in civil engineering and stay updated with current industry trends.

The session concluded with a vote of thanks, expressing sincere gratitude to Er. Amit Haridas for sharing his valuable knowledge and insights with students and faculty members.

Photo Gallery:



Expert delivering session



Glimpses of Audience