

**RILEM-ICI Doctoral Course on
Advanced Concrete Technology**

Nov 18-23, 2019

Department of Civil Engineering,
IIT Madras, Chennai – 600036 India



About the Course

This course is designed to disseminate the knowledge on recent advances in science and technology of concrete. It is anticipated that the attendees will learn the underlying mechanisms and the techniques to achieve various properties of today's advanced concrete – by appropriate material selection, mix-design, and construction practices. The lectures and laboratory sessions, which cover the topics listed below, will be delivered with a blend of research- and practice-oriented viewpoints.

- Portland cement chemistry
- Alternative cementitious materials
- Mineral and chemical admixtures
- Fresh and hardened properties of concrete
- Special concretes
- Non-destructive evaluation of concrete
- Concrete deterioration mechanisms
- Durability-based design of concrete
- Performance-based specifications
- Sustainability of concrete
- Good construction practices

Instructors from IIT Madras

- Dr. Piyush Chaunsali
- Dr. Radhakrishna G. Pillai
- Dr. Manu Santhanam
- Dr. Ravindra Gettu
- Dr. K. Ramamurthy
- Dr. Surender Singh
- Dr. Alagappan Ponnalagu
- Dr. Sivakumar Kandasami
- Dr. K. Balasubramanian

Course Duration and Venue

- The course will run for six days during **Nov 18 – 23, 2019**.
- The lectures will be held at the **Visvesvaraya Seminar Hall, Department of Civil Engineering, IIT Madras, Chennai.**

Registration Fee

- Practicing Engineers – Rs. 18000; Young Faculty Members – Rs. 9000; PG Students – Rs. 6000
- RILEM and/or ICI members will get Rs. 2000 **discount** on the registration fee.
- Please fill the online registration form at <https://forms.gle/Md7JmnovZBnVEihD9>
- Selected participants will be intimated by email.

Important Dates

Last date for online registration is **Nov 10, 2019**.

Accommodation and Travel

- Lunch and refreshments will be provided during the course period.
- No accommodation will be arranged by the organizers.

Contact Details

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