



ICACI RIT Students CHAPTER



ONE DAY WORKSHOP ON "DESIGN AND TESTING OF HIGH PERFORMANCE CONCRETE"

Date: Monday, 22nd March

Time: 10:00 to 5:00 pm

Under the ICACI chapter a one-day workshop on "Design and Testing of High-Performance Concrete" was organized on 22nd March, 2021 through blended mode. Er. Viraj Bachal was the resource person for this workshop. He is currently working as a Quality Assurance & Quality Control In-charge at Diamond RMC, Pune.

The program was inaugurated in presence of Prof. M. M. Maske, Er. Viraj Bachal & all the student members of ICACI. After the inauguration the podium was handed over to Er. Viraj Bachal and session was planned into two slots morning (10am-12.30pm) & afternoon (1-5pm).

In Slot-1 Technical design of Self Compacting Concrete using relevant codes was conveyed. In Slot-2 actual casting of the concrete which was designed in first slot was done.

The results of the experiment were very similar to the technical design made at the beginning of the programme. According to the feedback given by the members, they got an extra edge over the concepts and practicality to design variant grades of concrete. The programme had successfully achieved its recognition.





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Inauguration of the workshop



Preparation of concrete



Flow test on SCC

The outcome of the workshop was that students received the practical idea about the designing of High-Performance Concrete (Self Compacting Concrete). Students got the first-hand information about analysing and performing workability test on SCC mix and the compressive strength test will be conducted on 28th day after the casting.

Co-ordinator

HOD