



Late Shri. Vishnu Waman Thakur Charitable Trust's

VIVA Institute of Technology

Approved by AICTE, New Delhi, DTE, Government of Maharashtra, Affiliated to University of Mumbai

At- Shirgaon, Post-Virar (E.), Tal-Vasai, Dist-Palghar – 401 305.

Tel.: 777 000 2544 • Website : www.viva-technology.org

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CIVIL ENGINEERING DEPARTMENT

Name of the Course: Advanced concrete technology

AY: 2021-22

Course Duration: 30 hr

SCHEDULE

	Date	Time	Name of Speakers	Topics
Day 1	4/07/2022	9 am-12pm	Session 1: Prof. Mayur Patel	Different types of admixture & their uses.
		1.00 -4.00 pm	Session 2: Prof. Mayur Patel	
Day 2	5/07/2022	9 am-12pm	Session 1: Prof Monica More	High Grade concrete with four blended cementitious Materials
		1.00 -4.00 pm	Session 2: Prof. Akshay Mistry	Importance of CTM in RMC industry
Day 3	6/07/2022	9 am-12pm	Session 1: Prof. Ashish Shetty	Test on fly ash
		1.00 -4.00 pm	Session 2: Prof. Ashish Shetty	Effect of fineness of fly ash obtained by wet sieving method on the properties of cement
Day 4	7/07/2022	9 am-12pm	Session 1: Prof. Monica More	Special concrete
		1.00 -4.00 pm	Session 2: Prof. Monica More	
Day 5	08/07/2022	9 am-12pm	Session : Prof. Yadnesh Patil	Advanced casting methods
		1.00 -4.00 pm		



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Course Objectives:

1. To understand the knowledge of concrete admixtures
2. To learn about various methods & design high grade concrete
3. To learn how CTM can be important in RMC plant
4. To learn effective is fly ash in concrete
5. To understand advance concrete techniques can be used

Course outcomes:

1. Students will be able to understand how admixtures are important
2. Students will be able to understand various design of high grade concrete
3. Students will be able to understand CTM importance
4. Students will be able know effective use of fly ash in concrete
5. Students will be able to analyze advance concrete techniques