

# One-Day Workshop on Concrete Technology for Construction Engineers

Skill Groomers Management Services Pvt. Ltd.  
Presents a Training Programme by  
Mr. Shashank Vaidya



**Saturday, 29<sup>th</sup> January 2022**



**Shah & Anchor Kutchhi Engineering College, Mahavir  
Education Trust Chowk, W.T Patil Marg, D P Rd, next  
to Duke's Company, Chembur, Mumbai, 400088**



## MESSAGE FROM THE FACULTY

*Dear Colleague,*

*Concrete is one of the most widely used material in the infrastructure and Real Estate sectors.*

*About 741 million cubic meters of concrete is produced annually in India.*

*The Concrete industry employs over 45 million people. With Concrete playing such a critical role in national development and business of construction companies, it is very important that the professionals associated with the construction industry must have a thorough understanding of Concrete technology and aspects related to managing its quality.*



skill groomers



FACULTY:

**Mr. SHASHANK VAIDYA**

Director, GEM Engserv Pvt Ltd.

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A respected, renowned and senior construction industry expert with close to four decades of industry experience with leading organizations such as Indian Railways, Indian Railway Institute of Civil Engineering, Konkan Railway, HCC, HIRCO and Gem Engserv.

He has successfully trained over **2000+** engineers on concrete technology through his various training programmes. He has exposure to all aspects of concrete construction ranging from mix design, field supervision, developing specifications and quality management and troubleshooting problems @ concrete.

He has conducted numerous audits of ongoing construction projects involving concrete works and has helped improve the performance @ concrete works. He has been engaged as an expert to diagnose problems associated with concrete structures, both under construction and old. He has also conceived a device for monitoring quality of curing for which he has applied for a patent. He has led the development of a digital App for Quality control of construction works at Gem Engserv.

Mr. Vaidya is a Gold Medallist in M.Tech. (Structures) from IIT Madras. ***He was conferred with Lifetime Achievement Award 2019 by the Indian Concrete Institute.*** Besides being a certified lead auditor of ISO 9001, He also holds professional membership with a number of professional bodies like Indian Concrete Institute, Indian Institute of Bridge Engineers, Institution of Engineers, Indian Roads Congress, ACI (India Chapter), etc.



### Objectives:

- To understand the important characteristics of concrete and factors affecting them
- Know about concrete production
- To learn how to prevent defects in concrete
- Learn to troubleshoot problems regarding concrete production, specifications or end product
- Understand Quality Management of concrete



### Target Audience:

- Engineers in charge of concrete construction
- Concrete Quality Management professionals
- Engineers of owners and PMC who have need to take decisions regarding concrete defects
- Participants should have at least 3 years of work experience, preferably dealing with concrete construction



### Course Contents:

- Concrete making materials
- Codal provisions related to concrete
- Various defects in concrete; visible and invisible ones cause and prevention
- Various characteristics of concrete - strength, serviceability and durability of structures
- Addressing queries of participants
- Quiz to reinforce learning



### Methodology & Style:

- Power point presentation of key concept
- Learning through discussions and interaction
- Probing questions to make participants think and internalize learning
- Focused on practical aspects

## FEE & Payment Details:

Per Participant: Rs 5,000+ GST  
(GST No. 27AAOCS8863Q1Z2)

Payment Terms (100 % advance).

\* Breakfast, Lunch & Refreshment included



**Sanitisation and Covid Appropriate Measure will be followed**

**Name of the account:** SKILL GROOMERS MANAGEMENT SERVICES PVT LTD.

**Account No.:** 08302320001574

**Bank:** HDFC BANK LTD.

**Branch Code:** 0830

**SWIFT Code:** HDFCINBB

**RTGS/NEFT IFSC:** HDFC0000830

**Address of the Bank:** Sai Chambers,  
Shop No. 8,9,10 and 72, Plot No. 44,  
Sector 11, CBD Belapur, Navi Mumbai,  
400614 - Maharashtra, INDIA.



## For Registration:

**Haresh Bamnalikar**

+91 93251 05537 ✉ haresh.b@gemengserv.com

**Parul Verma**

+91 80857 03775 ✉ parul.verma@gemengserv.com