

# TRAINING CONSTRUCTION ENGINEERS FOR VIKSIT BHARAT



## ISOI MODULE 3: VALUE ENGINEERING & INNOVATION IN CONSTRUCTION

### WHO SHOULD ATTEND

Managers with authority to implement new ideas

Decision makers in corporate office and senior project personnel

Engineering consultants looking to provide value Engineering services

Participants should have at least 3 years of work experience.



## INNOVATE AND OPTIMIZE FOR SUSTAINABLE, EFFICIENT CONSTRUCTION.

With rapid technological change, globalization, and fierce competition, organizations must find new sources of advantage. Continuous efficiency and effectiveness improvements are critical for survival and growth.

In construction, contractors work with thin margins and strict contractual terms. Value Engineering provides a strategic approach benefiting both contractors and owners by driving innovation through proven methods. Construction engineering requires multi-disciplinary expertise, and cross-functional collaboration can deliver impactful solutions.

It is essential for organizations and individuals to grasp Value Engineering fundamentals and overcome common innovation barriers.

To address this, we present a program on “Value Engineering and Innovation in Construction”, designed and conducted by Mr. Shashank Vaidya.

### COURSE CONTENTS

- Need for value Engineering and Innovation
- Value Engineering, Innovation, R&D and Creativity
- How to unleash your creative streak
- Process of Value Engineering
- Organization Culture Required to Support Value Engineering
- Case Studies and Group Discussions
- Q&A

### PROGRAM HIGHLIGHTS

#### ONE DAY PROGRAM

PROGRAM FEE:  
₹ 10,000\*

#### VENUE

ISOI INCUBATION CENTRE  
A 402, The Great Eastern  
Chambers, CBD Belapur  
Navi Mumbai - 400614

#### CONTACT

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\* Fee is per participant. Taxes as Applicable.



**Mr. Shashank Vaidya**  
Director,  
GEM Engserv Pvt Ltd.,  
Training Professionals for  
over 3 Decades

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

He has **trained over 10,000 engineers** in concrete technology through his programmes and has exposure to all aspects of concrete construction, including mix design, supervision, specifications, quality management and troubleshooting. He has conducted numerous audits of construction projects involving concrete works, helping improve performance, and has been engaged as an expert to diagnose problems in both new and old concrete structures.

Mr. Vaidya is a **Gold Medallist in M. Tech. (Structures) from IIT Madras** and recipient of the **2019 Lifetime Achievement Award from the Indian Concrete Institute**. A certified lead auditor of ISO 9001, he also holds memberships in several professional bodies including Indian Concrete Institute, Indian Institute of Bridge Engineers, Institution of Engineers, Indian Roads Congress and ACI (India Chapter).