

*Confidence Building Technical Training Programme*

**40th Batch Certificate Course**

# **Building Construction and Supervision**

**10 Weeks  
Evening  
Course**

**Start from 12<sup>th</sup> August 2023  
(Monday to Friday)**

**Time : 6.30 pm to 8.00 pm**

**Registration Link :**

**<https://www.instructindia.org/buildingconstructionandsupervision>**

**Construction supervision helps you to complete your project on time and on budget, while meeting all relevant regulations and quality standards.**

Construction project supervisors manage construction projects from the beginning to the end ensuring that projects are completed within the time and budget allocated. A good understanding of the construction processes involved is important for successful completion of the project within the specified parameters.

Construction supervisors must control the time, cost and quality of construction at every phase whether buildings, such as industrial and residential, or infrastructure like roads and bridges they would need to equip with a good working knowledge of several aspects of construction-such as the how's and whys of materials, their QC, installations, etc, to be able to do justice to the role. INSTRUCT has designed Building Construction & Supervision course especially to prepare supervisors to effectively carry out the challenging and thankless roles.



### **Objectives of the course:-**

1. Impart requisite knowledge on every aspect of construction i.e. answers to what, why & how
2. Provide tools to monitor construction phases and control the same to meet project requirements.
3. Expose the supervisors to the key concepts of quality in every process - to measure and to take corrective actions.

**All the participants will be provided course material in PDF format.**

### **Faculty**

Faculty are chosen from amongst experts in construction industry, management institutions, practising consultants, architects and contractors

### **Who Can Benefit**

- All those aspiring to become construction supervisors such as, employees in builder, contractor, developer companies, etc.,
- All those who are planning to build their own house.
- All graduates (any discipline), diploma holders and final semester students in engineering colleges.

### **Contact For further information Required :**

Mr. K M Manjunatha - 98440 49472

INSTRUCT admin - 91410 42097

## TOPICS COVERED

1. Career opportunities in civil engineering field
2. Role of supervisor at construction site
3. Role of Architects/Civil Engineers/Consultants and Contractors & Owners
4. BDA, BCC stipulations and building byelaws including site registration procedure
5. Elements of surveying and theory
6. Soil Investigation
7. Vasthu science in residential buildings
8. Construction drawing- plan, elevation, section
9. Introduction to auto cad drawings
10. Calculation of area and volumes & measurements
11. Specification, estimation and costing
12. Approximate estimates and detailed estimates
13. Analysis of rates
14. Introduction to scheduling & monitoring of project
15. Project organisation and communications
16. Setting out of buildings
17. Excavation and foundations
18. Cement and its grades
19. Stone masonry and brick masonry constructions
20. Readymix concrete
21. Elements of PCC, RCC and concrete technology
22. Hollow blocks and solid block construction
23. Field test on building material-quality and supervision
24. Innovative, alternate, eco-friendly, cost reduction building materials and constructions
25. Barbending of reinforcement detailing and precautions
26. Formwork and scaffoldings
27. Electrical works in residential buildings
28. Plumbing works
29. Plastering and painting works
30. Doors and window works, wood works
31. Flooring works
32. Dampproofing and waterproofing
33. Rainwater harvesting
34. Landscaping
35. NDT & SDT- strengthening of existing building
36. Infrastructure facility at construction site
37. Safety in construction works
38. Site visits

### Registration Fee

(Inclusive of GST @ 18%)

Participation Fee	Rs.17000/-
Students of Engineering colleges	Rs.8000/-

### Discount for Group registration

5-9 participants - 5% discount  
10-14 participants - 10% discount  
Above 15 participants - 15% discount

### Payment :

Payments should be made through e-transfer (i.e. RTGS/NEFT etc.) or Account Payee DD or at par cheque drawn in favour of **"INSTRUCT, BANGALORE"** payable at Bengaluru.

Our bank details are given below :

#### ELECTRONIC PAYMENT DETAILS

Name : INSTRUCT Bangalore  
Bank Name : Union Bank of India  
Branch Name : Nrupatunga Road Branch  
Address : #14/3, Nrupatunga Road, Bangalore-560002  
ACCOUNT No : 520101235036516  
IFSC CODE : UBIN0901750  
PAN : AAATI3463K  
GSTIN : 29AAATI3463K1ZD

#### Pay using QR code



## About INSTRUCT

INSTRUCT is a 'not-for-profit' institute in the service of construction industry for over thirty five years. It was originally conceived as Centre of Awareness in Construction and Engineering in 1989 by a few like minded, dedicated professionals, to provide high quality training to the construction industry fraternity both to upgrade skills of craftsmen and to update engineers on the latest technology.

During the past thirty five years, INSTRUCT has trained over 30 000 personnel through more than 1200 training programmes. It has earned recognition and awards for its service to the industry from premier bodies such as, Construction Industry Development Council, Rotary BSE, etc.,

### Board of Governors (2022-24) of INSTRUCT

#### Office Bearers

Mr Seshadri S. - Hon. Chairman  
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Er Thiagarajan C  
Er Shenoi M P V  
Er Umesh B. Rao  
Er Muthayya J J R  
Dr. Ramprakash N  
Er Bhaskara Rao  
Dr. Narayana Reddy P.

## Few feed backs about the programme by the participants



The supervision course enables experienced and incumbent individuals to hone up one's skills to industry requirements. It gives a brush up to civil engineering and provides a streamlined focus to individuals from other disciplines. In addition, the classes are conducted with dedication and discipline. The faculty also shares their perspective to practical dimension in site and at desk. I therefore, would recommend this programme to every individual who would like to pursue his investment and dreams towards infrastructure development or his / her home.

**Ranganath G.D.** B.E.,M.Tech., MBA  
Mobile: 9900361936



I really enjoyed the online course. I thought it was well planned and layed out, easy for me to follow. The work load was just enough, so i could finish everything with enough time, learn about the topics and not feel over loaded and rushed.

Overall I really like this class because all lectures were straight forward. A couple things. I believe that I have gained more knowledge was about Concrete , bricks, Foundation , flooring , water supply- Plumbing which I can use them in real life.

I really enjoyed this class and the format it was presented in. I will say I learned quite a bit in this course,

I really liked the flexibility of this course. It worked well with busy scheduling, and the expectations were clear and upfront.

**Mr. Amar Narayan**  
Propreitor, KSEPL, Bangalore



I would like to share my experience with you.

About the supervision course which I attended in the corona period, due to which we had all our classes online and culmination class had attended in person wherein happened to meet senior most Umesh sir who gives his

gems of his lifetime experience added to his professional expertise.

I would like to mention here about theory classes as well which did had all good speakers who were well known in their industry but did take time to render these services which shows how good they are at heart and they want to share their valuable knowledge with younger generation and others in general as well.

Being an architect myself I was curious to attend these classes and I must tell it was really worth.

So I wish all the best for instruct as well as participants who look forward to join these classes

**Mrs. Mohini Survarna**  
Architect, Bangalore



Building Construction Supervision Course was good and I have learnt lot of things.

**Mr. Prajwal Urs**

M- Student, Engineering College