



*Confidence Building Technical Training Programme*

**40th Batch**  
**Building Construction and Supervision**  
(Saturdays Course)

**18 Saturdays**  
**(3 Hours)**

**From 21st January 2023 To 20th May 2023**

**Time : 3.00 pm to 6.00 pm**

Click [www.instructindia.org/buildingsupervision](http://www.instructindia.org/buildingsupervision) to register



**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 HOWs 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 online in PDF format.**

### **Faculty**

Faculty are chosen from amongst experts in construction industry, management institutions, practicing 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

Mr. Ajith Kumar S M - 99805 60857

INSTRUCT admin - 91410 42097

### **REGISTRATION FEE**

(Inclusive of GST @ 18%)

<b>INSTRUCT,ACCE(I), ICI, IOV Member</b>	<b>Others</b>	<b>Students of Engineering colleges</b>
₹ 15000/-	₹ 20000/-	₹ 8000/-

## TOPICS COVERED

- 1 Role of supervisor at construction site
- 2 Role Of Architects/ Civil Engineers/consultants And Contractors & Owners
- 3 BDA, BBMP, town municipality, village panchayath stipulations & building byelaws including site registration procedure
- 4 Elements of surveying and theory
- 5 Construction drawing-plan, elevation, section
- 6 Introduction to Auto cad drawings
- 7 Soil investigation
- 8 Vasthu science in residential buildings
- 9 Analysis of rates
- 10 Specification, estimation & costing
- 11 Introduction to scheduling & monitoring of project
- 12 Calculation of area and volumes & measurements
- 13 Project organisation & communications
- 14 Approximate estimates & detailed estimates
- 15 Setting out of buildings
- 16 Excavation and foundations
- 17 Field test on building material !quality & supervision
- 18 Infrastructure facility at construction site
- 19 Cement & its grades
- 20 Stone masonry & brick masonry constructions
- 21 Hollow blocks and solid block construction
- 22 Innovative, alternate, eco-friendly, cost reduction building materials & constructions
- 23 Formwork and scaffolding
- 24 Bar bending of reinforcement detailing & precautions
- 25 Elements of PCC, RCC & concrete technology
- 26 Ready mix concrete
- 27 Safety in construction works
- 28 Doors & window works, wood works
- 29 Plastering and painting work
- 30 Electrical works in residential buildings
- 31 Plumbing works
- 32 Flooring works
- 33 Dramp proofing and waterproofing
- 34 Rainwater harvesting
- 35 Landscaping
- 36 Site visits

## Few feed backs about the programme by the participants



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**  
Proprietor, 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 parson wherein happened to meet the senior most faculty who gives lifetime experience added to his professional expertise.

I would like to mention here about theory classes as well. In which 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 wanted to share their valuable knowledge with the younger generation and others in general as well.

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

So I wish all the best for instruct as well as the participants who look forward to joining 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

## About INSTRUCT

INSTRUCT is a 'not-for-profit' institute in the service of construction industry for over three decades.

It was originally conceived as "Centre of Awareness in Construction and Engineering" (CACE) in October 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 advancements.

During the past three decades, 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 (CIDC), Rotary BSE, etc.,.

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## INSTITUTE FOR RESEARCH DEVELOPMENT TRAINING OF CONSTRUCTION TRADES AND MANAGEMENT

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