

**39th
Batch**

Confidence Building Technical Training Programme

Building Construction and Supervision

(Saturdays Course)

From 7th March 2020 (Saturday)

13 Saturdays

Venue : INSTRUCT Lecture Hall



Organized by

INSTRUCT[®]
Empowering India's Construction

ROTARY BSE – Small & Medium Enterprises National Award 2015-for Skill Development
6TH VISHWAKARMA AWARD WINNER 2014- Achievement For Construction Education
5TH VISHWAKARMA AWARD WINNER 2013- For Partner In Progress

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

Construction project supervisor manage construction projects from beginning to end, ensuring that projects are completed within time and budget. An understanding of the construction business and the ability to work under deadlines in a fast-paced environment are important for project success.

Construction Supervisor control the time, cost and quality projects residential, commercial & industrial buildings to roads, bridges and schools. They coordinate all aspects of the construction process, with engineers, architects and the vendors. A supervisor might oversee the entire construction work at site or might oversee specific aspects of a construction work.

Now a days many individual builders are taking up their own house construction without assigning total contract to anybody. This course will help them a lot.



Objectives

To enhance your career opportunities! Get the right skills, knowledge and techniques to be an effective supervisor in the building construction industry - in small, medium or large operations.

Faculty

Faculty will be experts from Construction Industry, Management Institutions, and Practicing Engineers, Architects, Consultants and Contractors.

Who can benefit

Diploma in Civil Engineering, Employees from Builders and Developers, Contractors, Architects, and Fresh Engineers and Those who want to work in construction sites. Those people who want to build their own houses.

Venue

: INSTRUCT Lecture Hall,
UVCE Alumni Association Buildings,
1st Floor, K R Circle, Bangalore – 560001.

Duration

: 13 Saturdays

Timing

: 10.00 AM – 5.00 PM

Total Course Fee

: Rs. 20,000 + GST @ 18%
(Fee includes Course Material, Refreshments)

Co-ordinators of the Course

Er. H.V.N. Krishna - Mob : 99804 96944

Er. Seetharam L. - Mob : 98451 79503

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 and constructions
- 23 Formwork and Scaffoldings
- 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 Dampproofing and Waterproofing
- 34 Rainwater Harvesting
- 35 Landscaping
- 36 Site Visits

37th Batch Feedback :



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

About INSTRUCT

INSTRUCT was formed in 1989 as 'Centre for Awareness in Construction and Engineering (CACE)'. It was registered as 'Regional Institute of Construction Management and Research (RICMAR)' in December 1993. The institute conducted over 250 training programmes under the Logo of RICMAR.

INSTRUCT is in tune with the emerging demand for high-quality training and skill enhancement in the Construction and Infrastructure Industry, including continuing education and technology across various cadres, commencing from work-personnel on site to Senior and Top Management personnel, RICMAR was renamed as 'Institute for Research, Development and Training of Construction Trades and Management (INSTRUCT)' in February 1997.

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INSTITUTE FOR RESEARCH DEVELOPMENT TRAINING OF CONSTRUCTION TRADES AND MANAGEMENT

1st Floor , UVCE Alumni Association Building , K R Circle, Bangalore – 560 001.

Ph: 080 -22243257 , 22294291 Email : admin@instructindia.org

Website: www.instructindia.org