

Two Day Programme on
**Essentials of
Formwork & Scaffolding**

30th - 31st May 2014

REGISTRATION FORM

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Organisation	
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Date.....	Signature

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About INSTRUCT

This institute was originally conceived as "Centre of Awareness in Construction and Engineering "(CACE) during October 1989 by few like minded, dedicated professionals to provide vocational training to grass root level and middle level managers in the construction trades and management.

During the December 1993, it was registered as Regional Institute of Construction Management And Research (RICMAR) under Karnataka Co-operative societies Act, In 1997, it is named as 'INSTITUTE FOR RESEARCH DEVELOPMENT AND TRAINING OF CONSTRUCTION TRADES AND MANagements (INSTRUCT).

INSTRUCT has successfully completed a total number of 1000 programmes including several seminars/workshops and trained nearly 25,000 construction staff many of these are also organized at the national level.

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June 2014

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Two Day Programme on
**Essentials of
Formwork & Scaffolding**

30th - 31st May 2014

Venue :
The Citadel Hotel
41, Seshadri Road, Anand Rao Circle,
Bangalore - 560 009.
Tel : 080 4240 2222



Organized by

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INSTRUCT recognized by CIDC

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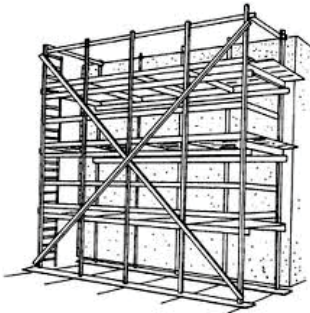
6TH VISHWAKARMA AWARD WINNER 2014 –
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INTRODUCTION

Formwork in the widest meaning is the total system of support for freshly placed concrete to the desired size and shape and control its alignment and position including the mould or sheeting which contacts the concrete as well as supporting members, hardware and necessary bracing, etc. Good Formwork / Scaffolding system is essential for the construction of quality concrete structures. The technique of Form work / scaffolding has developed considerably after the second world war keeping pace with the development of technology. Several failures of form work have focused attention on the need for guidelines in the design and construction of formwork so as to achieve, safety, reliability and economy in concrete construction. The importance of form work at times is not appreciated well. IN this connection IS-14687 Guidelines for formwork for concrete structures is an important document to promote good engineering practice. Hence INSTRUCT is conducting this 2 Day Training Programme to provide knowledge and expertise in the selection, design & erection of form work / scaffolding with particular reference to Indian standards on the subject.

OBJECTIVES

The objective of this programme is to equip the participants with knowledge and experience relating to selection. Design and erection of standard system of formwork / scaffolding with particular reference to IS 14687 : 1999 . Recommended guidelines for falsework for concrete structures.



TOPICS

FORMWORK

- ✦ Importance of Glossary terms related to formwork and Different Material in Use
- ✦ Loads & Criteria for design of formwork , Check list Quality & Stripping Times BIS -456
- ✦ Typical Wood forms for columns Beams & Walls & Slabs and different types of formwork – State of the Art
- ✦ Costing & Recycling of Formwork in different Situations of Construction – In Situ & Precast Situations

SCAFFOLDING

- ✦ Types of Scaffolds and General Safety Requirements in Construction (Working at heights)
- ✦ Do's and Don'ts in erection of scaffolding and Maintenance & Storage of Scaffolding
- ✦ Safety Regulations in scaffolding Assembly & Ladders in integration of safety activities – Case studies on failures
- ✦ Legal Issues Relating to Construction Workers and their Safety

PARTICIPATION

All those who are connected with the Construction Industry, Viz Architects, Consultants, Builders, Developers, Contractors, Designers, Practicing Civil Engineers, Supervisors, Engineers of State, Central Govt. Organizations / Undertakings/ Engineers from Corporate Sectors, Engineers working in Boards / Corporations, R & D Institutions, Academicians, Students of Architecture, Interior Designers, Engg Colleges & other Individual entrepreneurs.

FEE & TARIFF

	FEE / TARIFF	S.T.	TOTAL
DELEGATE FEE			
Non-Member	: ₹ 5,000/-	618/-	₹ 5,618/-
INSTRUCT, ACCE(I), ICI Members	: ₹ 4,500/-	556/-	₹ 5,056/-
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