



Two Day Seminar on Structural Steel Buildings

28-29th January 2020
Tuesday & Wednesday

Venue : Citadel Hotel
Ananda Rao Circle, Bengaluru



Organized by

INSTRUCT[®]
Empowering India's Construction

In association with



INSTITUTE FOR
STEEL DEVELOPMENT & GROWTH
Kolkata

Institute for Research, Development and 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



Digital Media Partner



Brief Introduction

The construction segment consumes major portion of steel products. In this module the diversity of steel in its wide variety of types, shapes, properties and applications in building and other major structures will be explored. This will be of interest to civil and structural engineers, Architects, designers and fabricators.

Buildings are subjected to various external loads out of which Wind load and Seismic Load are predominant. This course deals with these two loads in details with reference to codal provisions also. Occurrence of Wind Load and development of wind pressure on structures and assessment of design pressure for structural design as per IS 875 (Part 3) is thus being considered for discussion. Additionally, factors affecting the design pressure of wind, secondary effects of wind in structural design are also being dealt.

Similarly effects of Earthquake load on buildings are considered in connection with the codes which are used in the country.

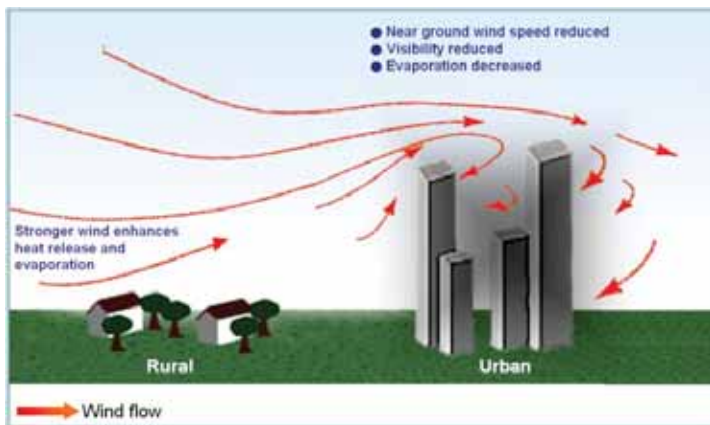
Connections of steel members are an important part in steel structure. Requirement of connections, its detailing and use of bolts as fasteners to develop the connectivity in structural members forms a part of discussion too. Assessment of strength and serviceability of bolted connections depending on the factors affecting such design as per IS 800:2007 has been included. Also considered is the Comparison of earthquake resistant connections as stipulated in IS 800:2007 & Euro Code 3.

Cost effective corrosion protection of structural steelwork should present little difficulty for common applications and environments if the factors that affect durability are recognized at the outset. The key to success lies in recognizing the corrosiveness of the environment to which the structure will be exposed and in defining clear and appropriate coating specifications.

Passive fire protection materials insulate steel structures from the effects of the high temperatures that may be generated in fire. They can be divided into two types, non-reactive, of which the most common types are boards and sprays, and reactive, of which thin film intumescent coatings are the most common example. Thin film intumescent coatings can be either on-site or off-site applied.

Topics

- Overview on Structural Steel for Building
- Measures adopted in Buildings for Wind Resistance
- Introduction to Seismic forces, overview of Seismic Code (IS : 1893-2018)
- Various Structural systems used for buildings including seismic resistance & Design requirement for ductile detailing of Steel Structure - Section 12 of Code IS 800-2007
- Bolted Connection (including Seismic)
- Welded Connection
- Protection of Steel Structures from Corrosion and Fire
- Erection and Fabrication of Structures
- Failures in Steel Buildings



SPEAKERS



Dr S R Satishkumar
Professor
Indian Institute of Technology, Madras



Dr Jayanta Kumar Saha
Deputy General Manager,
INSDAG, Kolkata



Mr Debashis Datta
Deputy General Manager,
INSDAG, Kolkata



Mr Anjaneya Murthy D S
Consulting Engineer
Bengaluru

WHO SHOULD PARTICIPATE

- Architects, Builders, Contractors, Developers and Construction Industry Professionals and decision makers'
- Project management Consultants and Consulting Civil Engineers
- Development authorities & Municipalities practicing Engineers'
- Technocrats
- Engineers from Government, Semi Government, Private and Public Sector
- Professionals, Builders (of mass housing)
- Teachers & Students from Engineering Colleges,
- Structural Engineering Consultants and Designers
- Engineers from Financial Institutions and Banks



REGISTRATION FEE

Registration fee is as follows: (Delegate fee includes registration, kit, lunch, tea)

INSTRUCT / INSDAG / ICI / ACCE(I) IOV Members	Non-Members	Students
₹ 6500/- + GST @ 18% - ₹ 1170/- = ₹ 7,670/-	₹ 7000/- + GST @ 18% - ₹ 1260/- = ₹ 8,260/-	₹ 4,000/- Inclusive of GST

SPONSORSHIP OPPORTUNITIES

Entitlement	Platinum	Gold	Silver	Sponsor	Co-Sponsor	Full Page Ad
Sponsorship Amount in ₹ Excluding GST	1,00,000	75,000	50,000	25,000	20,000	15,000
Presentation Time Slot (minutes)	20	15	10	--	--	--
Complimentary Delegates	5	4	3	2	1	1
Logo on Backdrop	✓	✓	✓	✓	✓	--
Banner Display	✓	✓	✓	✓	✓	--
Distribution of Leaflets	✓	✓	✓	✓	✓	--
Advertisement	Full page	Full page	Half page	Half page	Half page	Full page
Table space for Exhibit Display	✓	✓	--	--	--	--

PAYMENT :

All 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 as under.

ELECTRONIC PAYMENT DETAILS

NAME	INSTRUCT, Bangalore
Bank Name	Corporation Bank
Branch Name	Nrupatunga Road Branch
ADDRESS	# 14/3, Nrupatunga Road, Bangalore – 56 00 02.
ACCOUNT NO.	520101235036516
IFSC CODE	CORP0000175
PAN	AAATI3463K
GSTIN	29AAATI3463K1ZD



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.

Core activities of INSTRUCT:-

INSTRUCT specializes in designing and customizing training programme for all levels of personnel in Construction and Infrastructure Industry on sponsorship basis.

INSTRUCT has been at the forefront of providing short term training programs/workshops on Technical subjects such as RCC design and detailing, Practical aspects of Plumbing systems, Practical aspects in Design of Steel Structures, Building construction supervision and management, Quantity surveying, Topographic Survey, Estimation and Costing, Construction management, Health-Safety-Environment Management, Contract Management, Integrity & Ethics, Communication and Personality Development, Quality Assurance and Quality Control Systems, Precast Concrete etc.

Training programmes are designed for artisans like Masons, Plumbers, Bar-benders/ Metal Workers, Electricians, Supervisors etc., for the various Departments of Government and Private Sectors including Academic Institutions.

INSTRUCT has conducted large number of orientation training programs for Young Engineers in reputed Corporates in the Builders and Contractors Sector.

Awards & Recognitions bestowed on INSTRUCT:-

Rotary BSE – Small & Medium Enterprises National Award 2015- for Skill Development.

6th Edition of Vishwakarma Award Winner 2014 - Achievement in Construction Educations

5th Edition of Vishwakarma Award Winner 2013- For Partners in Progress

INSTRUCT is recognised by CIDC – Construction Industry Development Council.

The tremendous contribution of INSTRUCT in training over 30,000 construction Industry professionals and conducting over 2,000 training programmes is the differentiator which sets it a cut-apart in the Construction fraternity and epitomises the spirit of continuous improvement through learning and skill-enhancement.

INSTRUCT Clientele List

- Dept of Roads Minister of Communications, Royal Govt Bhutan
- Central Reserve Police Force (CRPF), New Delhi
- Karnataka Rural Infrastructure Development Ltd Bangalore
- Bharath Electronics Limited, Bangalore
- Bangalore Water Supply & Sewerage Board.
- Karnataka Power Corporation Ltd (KPCL) Bangalore
- Larsen & Toubro, CTEA, Mysore
- Jindal Vijayanagar Steel Ltd
- JMC Projects Ltd Trichy & Ahmedabad
- Gammon India Ltd, Bangalore
- Brigade Group, Bangalore
- Consolidate Construction Consortium Ltd, Chennai (CCCL)
- RNA Corp Pvt Ltd Mumbai
- Planning and Road ASSET Management Centre, KPWD
- National Highway Authority of India Chennai
- Public Works Department of Rajasthan, Jaipur
- Tata Projects, Bangalore
- Chicago-Dubai-UAE
- BMRCL, Bangalore
- Casagrand Builder Pvt Ltd Chennai

Board of Governors (2019-21) of INSTRUCT

Office Bearers

- Sri K. L. Mohan Rao - Hon. Chairman
Sri S. Seshadri - Hon. Vice Chairman
Sri Kaushik Hajra - Hon. Secretary
Sri K. M. Manjunatha - Hon. Treasurer

G.C. Members

- Sri H. V. N. Krishna
Sri P. L. Shashidhara

Co-opted Members

- Sri G. B. Suresh Kumar
Sri S. M. Ajith Kumar
Sri D. S. Anjaneyamurthy
Sri Yogananda M.V.
Sri L. Seetharam

Founders

- | | |
|-------------------------|---------------------------|
| Sri A Nagabhashan Rao | Sri C. Thiagarajan |
| Sri H. K. Nanjundaswamy | Sri M. P. V. Shenoi |
| Sri H. Vishwanath Rao | Sri Umesh B. Rao |
| Sri R. Sundaram | Sri J.J.R. Muthayya |
| Sri V. K. Giridhar | Sri Dr. N. Ramprakash |
| Sri M.S. Ramaswamy | Sri Bhaskara Rao |
| Sri K. S. Radhakrishnan | Sri Dr. P. Narayana Reddy |

Ex - Officio

- | | |
|----------------------|-----------------------|
| Sri Umesh B Rao | Sri Vasudev N Murthy |
| Sri H K Najundaswamy | Sri B.A. Madhukar |
| Sri A Nirmal Prasad | Sri Dr. N. Ramprakash |

Organized by

INSTRUCT[®]
Empowering India's Construction

In association with



INSTITUTE FOR STEEL DEVELOPMENT AND GROWTH
Kolkata

Two Day Seminar on

Structural Steel Buildings

28-29th January 2020

Tuesday & Wednesday

Venue : Citadel Hotel
Ananda Rao Circle, Bengaluru

REGISTRATION FORM

To
The Chairman / Secretary
INSTRUCT

1st Floor, UVCE Alumni Association Building,
K R Circle, Bangalore – 560 001.
Phone : 080 - 22243257, 22294291
Email : admin@instructindia.org

(Please type or write in block letters)

Registration for:

Name

Designation

Organization

Address

.....

..... PIN Code

Phone (O) with STD code..... Mobile.....

Email

GSTIN Details :

INSTRUCT / INSDAG / ICI / ACCE(I) IOV Members	Non-Members	Students
₹ 6500/- + GST @ 18% - ₹ 1170/- = ₹ 7,670/-	₹ 7000/- + GST @ 18% - ₹ 1260/- = ₹ 8,260/-	₹ 4,000/- Inclusive of GST

Entitlement	Platinum	Gold	Silver	Sponsor	Co-Sponsor	Full Page Ad
Sponsorship Amount in ₹	1,00,000	75,000	50,000	25,000	20,000	15,000
Excluding GST @ 18.00%						

Payment Details:

Through NEFT or Account Payee Cheque /

Bank Draft No.

for ₹ (Rupees

.....

ELECTRONIC PAYMENT DETAILS

NAME	INSTRUCT, Bangalore
Bank Name	Corporation Bank
Branch Name	Nrupatunga Road Branch
ADDRESS	# 14/3, Nrupatunga Road, Bangalore - 56 00 02.
ACCOUNT NO.	520101235036516
IFSC CODE	CORP0000175
PAN	AAATI3463K
GSTIN	29AAATI3463K1ZD

Favouring **“INSTRUCT, BANGALORE”** payable at Bengaluru towards Registration fee (non refundable) is enclosed.
Participants paying Delegate Fee through Online / NEFT shall ensure that their Name with details reflect in our Bank Transaction.

Place.....

Date

Signature:

Name