INSTRUCT®
Empowering India's Construction

Institute for Research, Development and Training of Construction Trades and Management

Presents its

2 Day Special Programme on

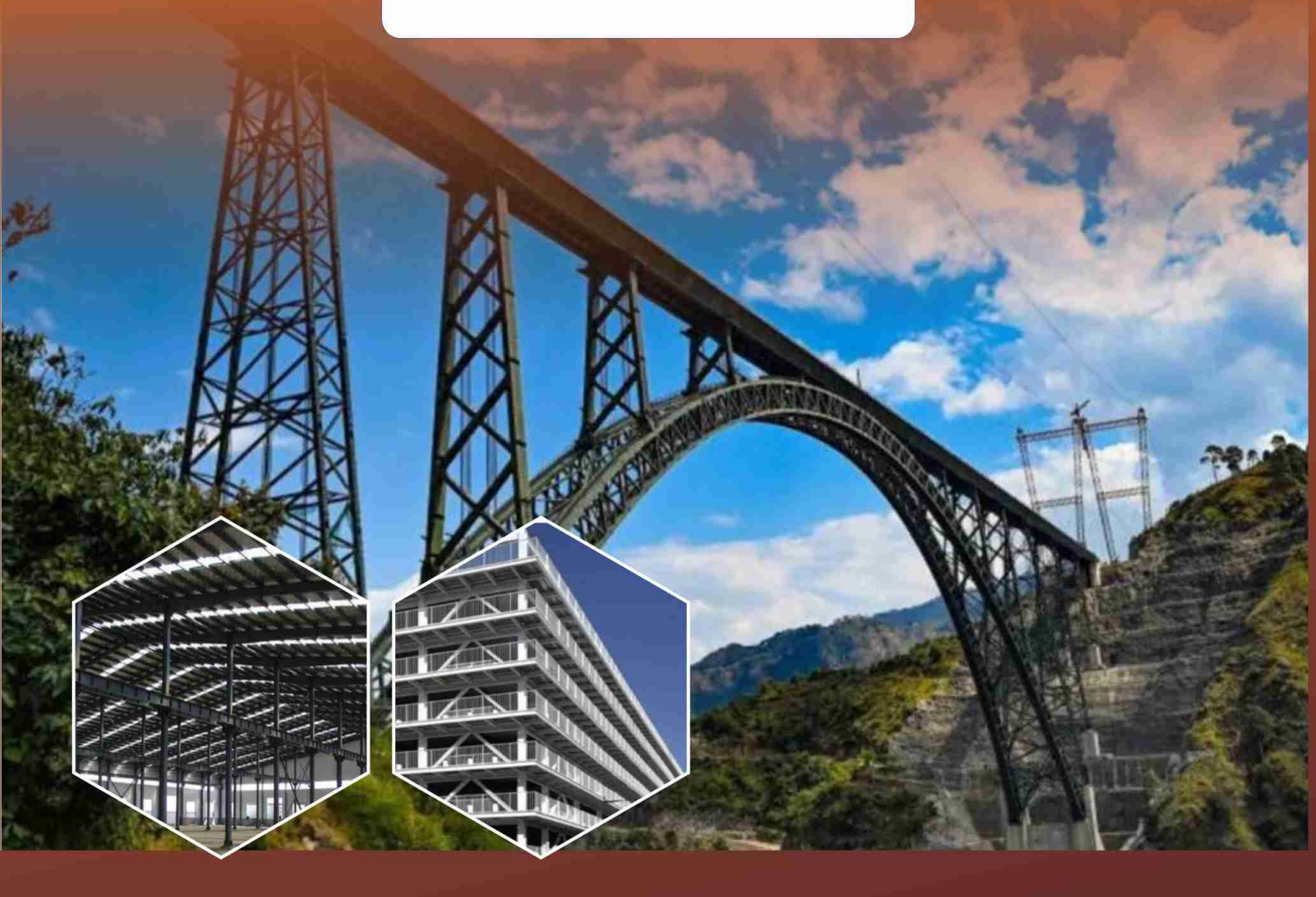
Quality Assurance of Steel Structures Using NDT & PDT Methods

30 - 31 July, 2026
(Thursday & Friday)

9:00 – 18:00 Hrs IST

Hotel Fidalgo
18th June Road, Panaji, Goa 403001

Registration Link :



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About the Special Programme:

Quality assurance (QA) of steel structures is essential to ensure their safety, reliability, durability, and compliance with design specifications and industry standards. Steel structures used in buildings, bridges, industrial plants, offshore platforms, and other engineering applications are subjected to various loads and environmental conditions throughout their service life. Any defects in materials, fabrication, welding, or construction can compromise structural integrity and lead to costly failures.To maintain high quality standards, inspection and testing procedures are implemented during manufacturing, fabrication, erection, and maintenance stages.

Among these procedures, Non-Destructive Testing (NDT) and Partially Destructive Testing (PDT) play a vital role in detecting defects, evaluating material properties, and verifying structural performance.Non-Destructive Testing (NDT) refers to inspection techniques that assess the condition and quality of a material or component without causing damage to it. Common NDT methods used in steel structures include Visual Testing (VT), Ultrasonic Testing (UT), Magnetic Particle Testing (MT), Liquid Penetrant Testing (PT), and Radiographic Testing (RT). These methods help identify surface and internal defects such as cracks, porosity, lack of fusion, inclusions, and corrosion while allowing the structure to remain in service.

Partially Destructive Testing (PDT) involves extracting small samples or causing minor localized damage to evaluate material properties more accurately. Examples include hardness testing, pull-out testing, core sampling, and weld coupon testing. PDT methods provide valuable information about the mechanical characteristics and performance of steel components while minimizing the impact on structural integrity.The combined application of NDT and PDT techniques enhances the effectiveness of quality assurance programmes by ensuring compliance with relevant codes and standards, improving structural reliability, reducing maintenance costs, and extending the service life of steel structures. These testing methods are widely adopted in modern structural engineering to achieve safe and sustainable infrastructure development.

TOPICS & SPEAKERS

Topic : Overview

Er. N Venkatesha
Founder and CEO
Rinish Associates
Bengaluru

Topic : Quality Assurance Standard and Case Studies Welding Procedure

Dr. Jayant K Saha
Chief Technical Officer,
Newkem Products Corporation Ltd.
Mumbai

Topic : Fabrication Practices Connection Detailing and Defects

Dr. Ramesh V Meghrajani
NEO Infrastructure Consultants.
Nagpur

Topic : Surface NDT PDT testing Volumetric NDT PDT testing Advanced NDT PDT Case Studies

Dr. Dilip Prabhakar Mase
Director
M/s P. T. Mase & Associates
Nagpur

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Who can be benefit :

1. Designers
2. Architects
3. Consultants
4. Academia
5. Students
6. PMC
7. Construction Engineers
8. Members of INSTRUCT, INSDAG, ACCE(I), ICI
9. Design Engineers from Central and State Government and Private Organisations
10. Manufacturers of Steel, Precast Elements, Construction Chemicals, Fabricating Materials, etc.
11. PEB Element Manufacturers

Registration Fee

(delegate fee includes delegate kit, lunch and hi-teas)

Delegates	Fee
Non - Members	₹ 11,800/-
INSTRUCT, ACCE(I) & ICI Members	₹ 9,440/-
Students of Engineering Colleges	₹ 3,540/-

* Inclusive of GST

Sponsorship Opportunities :-

INSTRUCT invites organisations servicing construction industry to sponsor the programme and take the marketing opportunity to reach out to interested group of engineers from construction industry.

Sponsoring organisations can enjoy the following privileges:

Privileges	Platinum Sponsor ₹ 2,00,000/-	Gold Sponsor ₹ 1,00,000/-	Silver Sponsor ₹ 70,000/-	Bronze Sponsor ₹ 50,000/-	Exhibition Stall Space (3mtrx3mtr) ₹ 30,000/-	Supporting Organisation ₹ 25,000/-
Demo Slot	30 mins	15 mins	-	-	-	-
Banner Display at Venue	✓	✓	✓	✓	✓	✓
Distribution of Marketing Materials	✓	✓	✓	✓	✓	✓
Logo on Power point slides, in the backdrop	✓	✓	✓	-	-	-
Complimentary Delegates	8	4	2	1	1	1

Opportunity to Display Banner at the Venue ₹ 10,000/-

* Plus 18% GST for all the above mentioned Amount

Payment :

Sponsorship 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

You can also pay through
Google pay/ PhonePe to 9141042097
SCAN TO PAY
INSTRUCT

UPI ID : 71201601@ubin

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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 35,000 personnel through more than 1500 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.,

The latest recognition earned for its service in educating construction industry is the prestigious 'Vishwakarma Award' by CIDC for the year 2023. Received 16th CIDC 'Vishwakarma Award' for creating social development and impact recently.

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