

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

Presents its

2 Day Special Programme on
**DESIGN OF
MACHINE FOUNDATION**



9 - 10 July 2026
(Thursday & Friday)



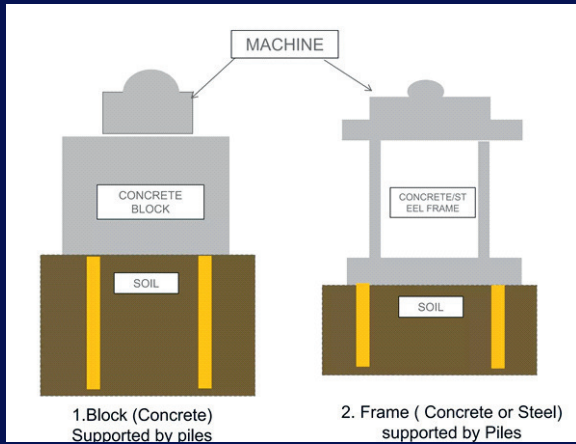
9:00 – 18:00 Hrs IST



Citadel Sarovar Portico
41, Seshadri Road, Bengaluru-560 009

Registration Link :





About the Special Programme:

The analysis and design of structure or foundation subjected to vibratory loading is a complex problem as it involves interaction of three domains viz. Structural Engineering, Geotechnical Engineering and Structural dynamics. The machines used in oil and gas industry are usually supported on a concrete block or a concrete frame and occasionally on steel frames. In majority of the cases machines are supported on a sample concrete block.

Machine foundations are specialized concrete structures designed to support heavy industrial equipment. Unlike standard structural bases, they must safely transmit both static (equipment weight) and dynamic loads (vibrations and operational forces) to the underlying soil or pile system without causing excessive settlement or structural failure.

Objectives of the Special Programme

- To build foundational knowledge of machines and structural systems used in engineering projects.
- To improve understanding of soil behavior and machine–soil interaction.
- To share best practices in construction, geotechnical analysis, and foundation engineering.
- To introduce modern technologies such as automation, sensors, and AI in soil and structural analysis.
- To enhance technical problem-solving and analytical skills.
- To encourage collaboration and knowledge exchange among engineers, students, researchers, and industry professionals.
- To improve safety, efficiency, and sustainability in infrastructure and construction projects.
- To provide practical exposure to tools, testing methods, and engineering skills.
- To support innovation and continuous learning in engineering applications.



TOPICS & SPEAKERS

Overview



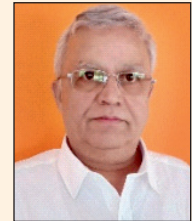
Dr. G P Chandradhara
Structural Consultant &
Former Professor of Civil Engg.
S. J. College of Engineering, JSS STU.
Mysuru.

Geotechnical Investigations



Dr. L Govindaraju
Professor, Department of Civil Engineering
University of Visveshvaraya College of
Engineering, Bengaluru

Isolation joints and grouts



Mr. Seshadri S,
Partner,
Sesvi Construction Solutions
Bengaluru

Machines for Foundations (Reciprocating Type, Impact Type, Rotating Type in Low, Medium and High Frequency)



Er. Arjun C R
Deputy General Manager - Civil
(Special Structures Division)
Tata Consulting Engineers
Bengaluru

Vibration Isolation System



Er. Pratik Bagaria
Senior Manager, Projects
Building Isolation, Seismic Protection,
Tuned Mass Dampers, and Industrial Machinery
GERB Vibration Control System Pvt. Ltd.
Bengaluru

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 Cement, Concrete, Precast Elements, Construction Chemicals, Paints, Green Building Materials, etc.
11. Geotechnical Engineers

Registration Fee

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

Delegates	Fee
Non - Members	₹ 9,440/-
INSTRUCT, ACCE(I) & ICI Members	₹ 8,260/-
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

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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Er. G B Suresh Kumar - Hon. Vice Chairman
Er. Mohan Kumar M - Hon. Secretary
Er. Dhananjai K Naidu - Hon. Treasurer

Ex - Officio

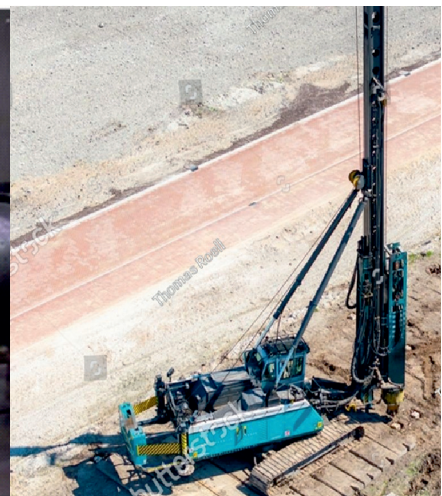
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Health Evaluations LLP**



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