

INSTRUCT[®]

Empowering India's Construction

Workforce Since : 1989

2 Day Workshop on

Design, Construction and Waterproofing of Liquid Retaining Structures

July 26 - 27, 2019, Friday & Saturday

Venue : The Rialto Hotel, Seshadri Road, Bengaluru



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Instruct Trg

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

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Website:www.instructindia.org

Online Media Partner



About the Workshop

This 2 day workshop is planned to give you an overview of the subject of liquid retaining structures. Spread over two days, the workshop features lectures from various experts in the field of design, construction and waterproofing of liquid retention structures.

It begins with a state of the art review of various forms employed for the construction of water towers as well as Ground level reservoirs. The analysis and design of both towers as well as near ground structures are governed by IS Code 3370 in addition to other codes that govern the material of choice and the loading on it.

Depending of their purpose and configuration, liquid retention structures may be subject to special loadings that are unique. Special aspects such as cracking also are additional concerns in the durability of liquid retention structures. The therefore mandates that flexural sections in contact with water remain uncracked and therefore only a working stress analysis is permitted. Lectures from experts cover these and various others aspects involved in the design of liquid retention structures.

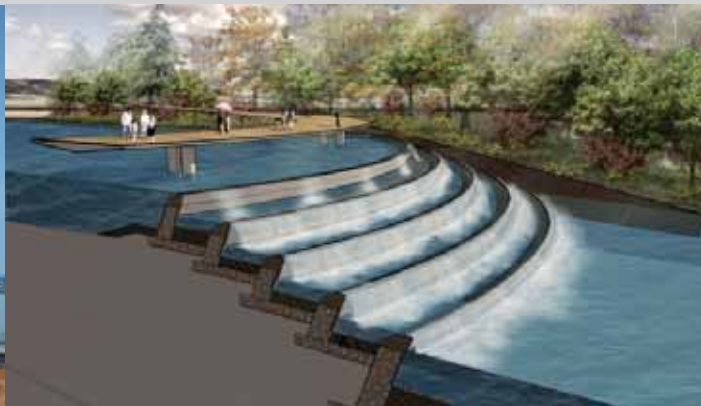
Waterproofing the liquid contact surface is another aspect that impacts durability and require both skill in application and specialty chemicals for durability and impermeability. The application of chemicals is also an imperative during restoration and rehabilitation of distressed and damaged structures. Experts from the chemical industry will address these issues and give practical solutions and durable answers to everyday concerns.

Register for this valuable 2-day workshop to hear from experts and also get a chance to clarify your doubts in the subject over the course of the 2 days. This is valuable educational engagement for every budding engineer and must for any professional dealing with liquid retention structures in the course of his professional involvement.



Topic intended for the workshop

- **Overview and Introduction – Forms for Liquid Retention Structures**
- **Codal provisions for design of water retaining structures.**
- **Design of elevated water tanks & units of treatment plants.**
- **Performance Concrete for Liquid Retention Structures**
- **Scaffolding and Formwork for Liquid Retention**
- **Waterproofing the concrete envelope**
- **Repair, Retrofitting and Maintenance of Liquid Retention Structures**



Knowledge Co-ordinator: PEr. Vidhyashankar N Hoskere

Who Should Participate

- Construction Industry professionals and decision makers (Architects, Builders, Contractors & Developers)
- Project Management Consultants & Consulting Civil Engineers
- Development Authorities & Municipalities Practising Engineers
- Government Construction Apartments and Agencies Engineers
- Town Planners, R & D Institutions, Housing & Infrastructure Finance Institutions
- Engineers from Government, Semi Government, Private & Public Sector
- Academicians, Students from Engineering Colleges
- Water proofing Applicators and Foremen
- Manufacturers of Cement, Construction Chemicals, Steel and many more

REGISTRATION FEE

Participation in this program is through Registration. Delegates are requested to register well in advance as seats are limited. Registration fee is as follows: (Delegate fee includes registration, kit, workshop literature, lunch, tea)

INSTRUCT Members	Others	Students
₹ 5000/-	₹ 5500/-	₹ 2500/-

* GST Extra

SPONSORSHIP OPPORTUNITIES

Entitlement	Platinum	Gold	Silver
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Complimentary Delegates	5	3	1
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Banner Display	✓	✓	✓
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Banner Display ₹ 10,000

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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	AAAT13463K
GSTIN	29AAAT13463K1ZD

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

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Phone : 080 - 22243257, 22294291

Email : admin@instructindia.org

(Please type or write in block letters)**Registration for:**

Name..... Designation

Organization.....

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Delegate Fees

INSTRUCT Members

Others

Students

₹ 5000/-

₹ 5500/-

₹ 2500/-

* GST Extra

Payment Details:

Through NEFT or Account Payee Cheque /

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for ₹ (Rupees

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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.....

Signature:

Date

Name