

# INDIAN CONCRETE INSTITUTE Bengaluru Centre, Karnataka.

In Association with DEPARTMENT OF CIVIL ENGINEERING DAYANANDA SAGAR COLLEGE OF ENGINEERING



(An Autonomous Institution affiliated to VTU)

Shavige Malleshwara Hills, Kumaraswamy Layout, Bengaluru – 560 078

organises

ONE DAY NATIONAL SEMINAR

# Advancements in Waterproofing Systems for Concrete Structures

# On 30th January 2023, Monday at 9.00 am Venue: Dr. D Premachandra Sagar Auditorium,

Dayananda Sagar College of Engineering, Bengaluru.

# Waterproofing of Concrete Structures:

Concrete is one of the most utilized construction materials in the world. However, to realize it's maximum potential lifespan, steps must be taken to prevent premature deterioration. Options to effectively waterproof concrete structures include a variety of integral & non-integral products and systems. As with many things, the wide range of products available in the marketplace can sometimes be more confusing than helpful. Hence, it becomes paramount to understand the importance of long-term structural integrity of concrete construction, identify and mitigate the main causes of concrete deterioration, ensure sustainability of new materials and waterproofing agents with an emphasis to understand the science behind them. The primary objective of all Waterproofing systems needs to besimilar i.e., to prevent the ingress of water, chemicals etc. into the matrix of concrete so as to ensure durability and performance characteristics considerably. As per the experts, more than 40% of the failures in concrete structures occur due to ingress of chemicals and water at micro and macro level.

Waterproofing of new as well as existing concrete structures should take into consideration the type and severity of problem expected and unexpected as well as the appropriate treatment to be rendered – Integral & Non-integral.New-age Waterproofing systems, with the incorporation of innovative materials and technologies, have become more efficient, effective, and substantial, possessing properties that can reduce maintenance and improve sustainability. For all the above to happen, the imminent need of knowledge about the recent advancements in the field waterproofing systems is vital.

## Who should attend:

- Construction & Infrastructure Industry professionals
- Builders & Developers
- Government / LUB/ Construction Departments
- Landmark structures/ Statues/ Towers
- Structural Design Engineers
- Corporate Planning Built-work-facilities
- Waterproofing Service providers
- Academicians, Students, Researchers & Innovators

Registration link (after payment of registration fees; information about 'how to pay' is mentioned in this Brochure) -

#### https://forms.gle/L487J7SzuNLCZxhs7

In line with this objective, Indian Concrete Institute -Bengaluru Centre, is organising a one-day national seminar titled "Advancements in Waterproofing Systems for Concrete Structures" on Monday,30th January 2023 at Dayananda Sagar College of Engineering, Bengaluru. Experts in this sector will share their experience on vital aspects with an emphasis on application-oriented approach. We look forward to meeting you at this seminar for a gainful experience in the field and skill development.

Supporting Professional Associations

Er. H R Girish

Hon. Chairman,

ICI - Bengaluru Centre



**Er. Suhas R** Hon. Secretary, ICI – Bengaluru Centre

**Dr. H K Ramaraju** Vice Principal & Head, Dept. of Civil Engineering, DSCE

NBM&CW

Dr B G Prasad Principal, Dayananda Sagar College of Engineering











Media Partners

Ex-Officio Members: Dr. L R Manjunatha, Dr. R L Ramesh Members: Er. Vishwanath Dalawai, Dr. Asha K, Er. Ashok Reddy Kollur Co-op. Members: Er. Ravindranath B V, Dr.Santhosh B S, Dr. Neethu Urs, Er. Vishwanath Rao, Er. G Shivaprakash

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Workforce Since: 1989

# **EMINENT SPEAKERS**



**Topic - Typology of waterproofing** systems for Civil Structures.



### Er. M N Ramesh

Managing Director, M/s. Talrak Construction Chemicals Pvt. Ltd. Bangalore





#### **Topic - High Performance Waterproofing Systems - Case Studies**

Er. B S Nagaraj National Sales Manager-Building Segment, Fosroc Chemicals (India) Pvt. Ltd., Bangalore



Session 2:

# Er. Shashidhar Lingam T

**Topic - Advancement in** 

Founder & CEO. Struct Mat Engineering Consultancy & Testing Associates, Bengaluru.

Session 4:

**Topic - Advancements in integral** Waterproofing Systems.

Waterproofing Systems

Er. V R Kowshika Director, QCRETE Readymix (India) Pvt. Ltd.,

Bengaluru.



#### **Sub-themes of Sessions:**

- Waterproofing for RCC Multi-storied Structures
- Types, Brands, Standards, Systems & Trends in Modern Waterproofing
- Preventive & Curative Measures for Medium & Small scale buildings
- Critical Cost Analysis of Waterproofing Systems
- Waterproofing for RCC chimneys and Composite Structures

#### SPONSORSHIP DETAILS: : (PAYMENTS ARE EXCLUDING GST @ 18 %)

#### Would like to participate as follows: (Tick whichever is applicable)

Delegates	Event Fee (Rs)	Temporary Membership Fee	Total Fee (Rs)	
Members of ICI	1,500/-	-	1,500/-	
Non-ICI member:	2,000/-	500/-	2,500/-	
ICI Student Member:	500/-	-	500/-	
Non-Student Member / Research Scholars:	750/-	250/-	1,000/-	
Above Delegates payments are Including GST 18%				

Sponsorship	Amount	Free Delegates	Corporate Presentation	Insertion of Technical Literatures in Kit	Standee Space Allowed	Logo Display at Backdrop
Platinum Sponsor	1,00,000	6	15 minutes	Two set	2 Nos	Yes
Gold Sponsor	75,000	4	10 minutes	Two set	1 No.	Yes
Silver Sponsor:	50,000	3	5 minutes	One Set	1 No.	Yes
Supporting Organisation	25,000	2	No	One Set	No	Yes
Delegate Kit Sponsor (Kit provided by Sponsor)	15,000	1	No	One Set	No	Yes
Technical / Marketing collaterals' Insertion	10,000	No	No	One Set	No	Yes

## PAYMENTS MAY BE MADE BY ELECTRONIC TRANSFER: RTGS / NEFT DETAILS: Account Name : Indian Concrete Institute – Karnataka Bangalore Centre

Account No. : 04121010000530	Branch Name & Address	: J.C. Road Branch, Jasmine Mansion,
Account Type : Current Account,	Pan No	J C Road, Bengaluru – 560 002 : AAATI0256J
Name of Bank : CANARA BANK	GSTN No	: 29AAATI0256J1ZM
IFSC Code : CNRB0010412	Payments can be made the	nrough UPI/NEFT

FOR MORE INFORMATION, PLEASE CONTACT:No.2, UVCE Alumni Association Building, K. R. Circle, Bengaluru – 560001. Phone: 080-22224803. (Md. Pasha: 0-8951607887) Email: icikbc@gmail.com, ici.benc@gmail.com / Website: http://www.icikbc.org

#### SEATS & SPONSORSHIP SLOTS ARE LIMITED& ARE AVAILABLE ON FIRST-PAID-FIRST-SERVED BASIS. DELEGATES & SPONSORS ARE REQUESTED TO USE THE LINK FOR REGISTRATION FORM TO REGISTER FOR THIS EVENT (GIVEN IN THE INVITATION

This seminar is organised on an 'earnest-endeavour' basis; E&OE expected. There might be change in topics or speakers or venue etc., in rare situations which are beyond our control. Right of admission reserved by ICI - BENC. The decision of ICI-Bengaluru Centre is final and binding on any/all matters concerned with this Seminar. Jurisdiction shall be Bengaluru.

# ONE DAY NATIONAL SEMINAR ON "Advancements in Waterproofing Systems for Concrete Structures"

On 30th January 2023, Monday at 9.00 am

Venue: Dr. D Premachandra Sagar Auditorium, Dayananda Sagar College of Engineering, Kumaraswamy Layout, Bengaluru – 560 078.

Organised by:



## INDIAN CONCRETE INSTITUTE Bengaluru Centre, Karnataka

No.2, U.V.C.E. Alumni Association Building, Dr. B. R. Ambedkar Veedhi, K. R. Circle, Bengaluru-560001. Phone: 080-22224803, 0-8951607887 | E-mail: icikbc@gmail.com | website: www.icikbc.org

# **REGISTRATION FORM**

Name	
Organisation	
Mailing Address	
Phone Mot	bile
Email	

Would like to participate as follows: (Tick whichever is applicable)

Delegates	Event	Temporary	Total Fee	Sponsorship A	mount (Rs)
Delogatoe	Fee (Rs)	Membership Fee	(Rs)	Platinum Sponsor:	1,00,000/-
Members of ICI	1,500/-	720 	1,500/-	Gold Sponsor:	75,000/-
Non-ICI member:	2,000/-	500/-	2,500/-	Silver Sponsor:	50,000/-
ICI Student Member:	500/-		500/-	Supporting Organization:	25,000/-
Non-Student Member /	750/-	250/-	1,000/-	Delegate Kit Sponsor	15,000/-
Research Scholars:		11.5772.000		Technical Insertion	10,000/-
Above Delegates payments	are Including	GST 18%		Above sponsorship payments are excludi	ng GST 18%

Please fill this application form completely and email scanned copy clearly mentioning your name and date of remittance, **Email to: icikbc@gmail.com**. After you email this filled-in form, you will receive from us, a confirmation of your registration.

Rs	_Rupees			only.
By CASH / CHEQUE / DD No	:	Date	Bank	
Place	In case of NEFT/R	TGS. please mention Tr	ansaction Reference Number/I	) and date of transaction.

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Date of transaction

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Account Type Name of Bank	: 04121010000530 : Current Account, : CANARA BANK : CNRB0010412	Branch Name & Address: J.C. Road Branch, Jasmine Mansion, J C Road, Bengaluru – 560 002 Pan No : AAATI0256J GSTN No : 29AAATI0256J1ZM

Place

Signature (In case of Corporate Delegate or Sponsor, please affix official seal)

Note: This Registration form should be read in conjunction with this event Brochure.

Date