

**CII – NACE International Gateway India Section (NIGIS) Online Course on
Corrosion Control in Concrete Structures (4th C3S)
15, 16 and 17 July from 10 AM to 2:30 PM each day**



Background: India is witnessing a significant boom in the construction of concrete bridges, ports, buildings, etc. Some of these concrete structures are designed for the service life 100+ years. However, many are experiencing premature corrosion and not able to meet the design life requirements. Almost 50% of the concrete structures today experience a repair within about 10 years. India spends about ~1 to 2 % of GDP in addressing the corrosion issues in concrete infrastructure. If we do not take adequate measures in this regard, then the future India will have to face expensive repair works on the large number of concrete structures that are being built now. Therefore, we must educate our engineers on how to combat corrosion in concrete structures with **a blend of both theoretical and practical aspects.**

Speakers

- Er. David Whitmore, President & Chief Innovation Officer, Vector Corrosion Tech., Canada
- Prof. Manu Santhanam, Professor & Head, Dept. of Civil Engg., IIT Madras
- Dr. Radhakrishna G Pillai, Associate Professor, Dept. of Civil Engg., IIT Madras
- Er. Ravichandran, Senior Manager (T&D) – Protection, Berger Paints, Kolkata
- Dr. Suriya Prakash, Associate Professor, Dept. of Civil Engg., IIT Hyderabad

Technical Program Outline

- Corrosion Mechanisms in Concrete Structures
- Performance Specifications for Durability
- Strengthening of Concrete Structures
- Corrosion Survey of Concrete Structures
- Cathodic Protection of Concrete Structures
- Surface Coatings for Concrete Structures
- Approaches to Extend Residual Service Life
- Significant time for interaction with the speakers

Who should attend? Why?

- The course is designed for **practicing civil engineers and decision makers**; repair contractors; structural designers; material specifiers; architects, and engineering students, faculty, and researchers
- The course will help advance their knowledge level and skills; and will expose them to **practical tools** to preserve and conserve concrete structures.

e-Certificate of Participation will be given to participants

Registration fees

CII/NACE Members: Rs. 5900*, Non-members: Rs. 6490* (*Fee is inclusive of GST @ 18%), *Advance payment of Registration fee is mandatory, *Participation fee is non-refundable; However, change in nomination is possible.

Payment Details: ICICI Bank Ltd, Address: SCO 145, Sector 28D, Chandigarh 160002, Punjab

Bank A/C Name: Confederation of Indian Industry;
Bank A/C No. **096405000413**; IFSC No. **ICIC0000964**;
GST No. **04AAATC0188R2ZG**; PAN No.: **AAATC0188R**

For registration, please contact

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