

International Conference on Repairs, Retrofitting & Forensic Engineering of Structures

Date : 24th & 25th November 2017 | Venue : The Lalit, Mumbai



Organized by



India Chapter
of American Concrete Institute

Co-Hosted by



American Concrete Institute
Always advancing



Invitation to Participate



Mr. Satish C Dhupelia
Convenor

We are pleased to invite you to the International Conference on Repairs, Retrofitting & Forensic Engineering of Structures. The mission is to introduce the participants to cutting edge technologies in the field of structural repairs and to facilitate technology transfer in appropriate areas. A galaxy of foreign & Indian experts will enlighten the audience.

Mr. Khaled Awad, President ACI is visiting India specially to attend this conference & share his words of wisdom with all of us.

ACI is graciously co-hosting this international event and a host of other international & national technical bodies have offered their support.



Mr. Pankaj Shah
President,
India Chapter of ACI



Mr. Khaled Walid Awad
President
American Concrete Institute,
USA

"I am happy to acknowledge that India Chapter of American Concrete Institute, one of the very active chapters of ACI, is organising an important International Conference on 'Repairs, Retrofitting and Forensic Engineering of Built Structures' on 24th and 25th November 2017 in Mumbai. I encourage everyone concerned with this important subject to attend the conference.

The seminar will focus on recent developments in concrete repair, rehabilitation, retrofitting and forensic engineering techniques through both research papers and case studies.

As we are all aware, modern-day concrete infrastructure is seen to deteriorate at unacceptable rates posing new challenges to the engineering fraternity. We need suitable and cost-effective tools and techniques to undertake the repair and rehabilitation of such infrastructure. At the same time we also need forensic engineering techniques which can evolve ways to avoid the deterioration of built structures.

I myself look forward to attending the conference and learning of new technological advances to increase the service life of concrete structures."

American Concrete Institute (ACI)

American Concrete Institute, founded in 1904 with headquarters in Farmington Hills, Michigan, USA advances knowledge in concrete throughout the world conducting 125 seminars annually, manages 14 different certification programmes, offers scholarships to students and publishes hundreds of technical documents considered as authentic reference in court of law, for tender-drafting and codal provisions in other countries as well. Its wide data base for R & D in concrete is a vast treasure trove to the world.

ACI has 95 chapters, 110 student chapters, and nearly 20,000 members spanning over 120 countries. It is truly an International Institute working with the motto, '**Progress through knowledge**' and retains its basic mission to develop, share and disseminate knowledge and information needed to utilize concrete to its fullest potential.

India Chapter of American Concrete Institute (ICACI)

India Chapter, one of the largest ACI Chapters, is in its 38th year and is privileged to receive "Excellent Chapter" award consecutively for the last more than fifteen years. The Chapter is committed to train and propagate good concrete making practices through seminars, demonstrations, workshops and competitions for the construction industry. It believes in Continuous Progress and Development in 'Knowledge Dissemination' as an ongoing activity. It is a stated objective of India Chapter of ACI to gather, co-relate and disseminate information for improvement on the design, construction practice, manufacture, use and maintenance of concrete structures and products. The India Chapter of ACI has been immensely successful in this endeavor and is in the forefront of bringing state-of-the-art knowledge in the realm of concrete and all its allied products. It has around 2000 members spread all over India, who actively participate in all its activities.

In 2009, India Chapter successfully launched ACI Certification programme of "Concrete Field Testing Technician Grade - I". By now, the Chapter has trained and examined, as Local Sponsoring Group, more than 500 Concrete Professionals & Technicians.

Topics for Conference

REPAIRS TO CONCRETE & OTHER CONSTRUCTION MATERIAL

- ✓ Corrosion damage to concrete structures
- ✓ Repairs to corrosion damaged concrete
- ✓ Investigation and health assessment of concrete structures
- ✓ Fire damage to concrete structures
- ✓ Repairs to fire damaged concrete structures
- ✓ Earthquake damage to concrete structures
- ✓ Repairs to earthquake damaged structures
- ✓ Non-Destructive testing
- ✓ Modern tools / techniques of assessment of damage to structures
- ✓ Structural strengthening techniques
- ✓ Structural conservation of heritage structures
- ✓ Distress assessment of bridges
- ✓ Distress assessment of roads
- ✓ Distress assessment of jetties and other marine structures
- ✓ Chemicals for concrete repairs
- ✓ Alternate techniques of repairs
- ✓ Waterproofing of concrete structures
- ✓ Techniques of waterproofing
- ✓ Waterproofing chemicals
- ✓ Blast affected concrete structures
- ✓ Repairs to blast affected concrete structures
- ✓ Retrofitting of concrete structures
- ✓ Remnant life assessment

SUPPORT ORGANISATIONS

-  CCMA - Construction Chemicals Manufacturers Association
-  ICI - Indian Concrete Institute
-  CIDC - Construction Industry Development Council
-  PEATA - Practicing Engineers Architects & Town Planners Association
-  Institution of Engineers (I) Maharashtra State Centre
-  ISSE - Indian Society of Structural Engineers
-  ACCE - Association of Consulting Civil Engineers
-  IIA - Indian Institute of Architects - Brihan Mumbai Centre

MEDIA PARTNERS

Important Dates

- Last date of paper submission : 15th September 2017
- Review of paper by scientific committee : 1st October 2017
- Last date of final paper submission : 15th October 2017

Delegate Fees

Indian delegates : ₹ 9750 plus 18% GST

International delegates : \$ 300 including taxes

- ✓ 25% discount - for main authors
- ✓ 50% discount - for students
- ✓ 10% discount - for members of ICACI and supporting organisations

- Authors / presenters need to pre-register.
- Conference fee includes delegate kit, conference document, lunch and tea/coffee on both days and networking dinner banquet on 24th November.
- Credit card facility is available for spot registrations.
(Master / Visa / American Express)

Partnering Opportunities

Partners

- | | | |
|------------------------|------------------------------|-------------------------------|
| • Platinum : ₹ 500,000 | • Kit Partners : ₹ 200,000 | • Kit Insert : ₹ 50,000 |
| • Gold : ₹ 300,000 | • Lunch Partners : ₹ 150,000 | • Advertisement in : ₹ 30,000 |
| • Silver : ₹ 100,000 | | conference document |

(5% GST will be additional to the above amounts)

Mode of Payment

By cheque or demand draft payable at Mumbai in favour of "India Chapter of ACI"

For electronic transfer IFSC Code : IDIB000M008

SB A/C : 000000419657905 SWIFT : IDIBINBBFT

Bank Name : Indian Bank, Mahim Branch, Mumbai 400 016.

Bank Address : 1,1A Raj Mahal CHS., Plot No. 542, MMC Road, Mahim (West), Mumbai - 400 016.

Online Registration can be done at www.icaci.com