

**2nd R N Raikar Memorial
International Conference
&
Banthia-Basheer
International Symposium
on
ADVANCES IN SCIENCE &
TECHNOLOGY OF CONCRETE**

Date : 18th & 19th December 2015 | Venue : Mumbai



Organised by



**India Chapter of
American Concrete Institute**

Co-sponsored by



American Concrete Institute
Always advancing

2nd R N Raikar Memorial Biennial International Conference & Banthia-Basheer International Symposium



Mr. R N Raikar

Mr. Raikar was the unfading light showing path and direction to India Chapter of American Concrete Institute (ACI). From the very inception in 1979 till his untimely departure on 8th of March 2008, his untiring efforts catapulted India Chapter into a national body and due to an array of activities in the field of concrete, the Chapter received the 'Excellent Chapter Award' from the ACI and continues to receive till date

The ACI in its centennial year conferred on him the highest individual honour of being an 'Honorary Member' of the Institute in recognition of his countless years of service to the concrete industry and the India Chapter. This was also for his unlimited enthusiasm to ensure quality of concrete in constructions and for his faithful labours in support of international cooperation. He has left a successful legacy of competent leaders to run the Chapter efficiently. Mr. Raikar respected and admired excellence in engineering fraternity at all times both nationally and globally.

One of his legacies will be to honor outstanding International concrete professionals of Indian origin making remarkable contribution to the industry. This is being done through biennial international conferences held in India and experts throughout the world will be participating in this "technology transfer event" which is in its second edition. First conference was successfully held in December 2013 to felicitate world famous Dr. Suru Shah from Northwestern University.



Dr. N. Banthia

In Prof. Nemy Banthia we have a modest person whose contributions to the world of concrete have been anything but modest. A confident difference maker with numerous international awards, Prof. Banthia has over 500 papers, reports and patents to his credit and remains one of the most cited and quoted experts. He is an elected Fellow of the ACI, Canadian Academy of Engineering and the most prestigious Royal Society of Canada. Born and brought up in Nagpur, India, Prof. Banthia is a proud Indian who has never forgotten his roots and has always strived to give back to his motherland. For example, he recently spearheaded a \$35 million Canada-India Research Center of Excellence aimed at building vibrant and healthy communities in both India and Canada.



Dr. P A M Basheer

Prof. Muhammed Basheer is distinguished for his seminal research on concrete materials that have led to new understandings of fluid transport in concrete and its linkage to durability of concrete structures. New tests and sensors that he has developed for measuring the fluid transport and predicting the residual life of concrete structures are being used worldwide. He has authored more than 520 technical papers, book chapters, patents and reports, which have resulted in him receiving numerous awards, including a 'Life time achievement award' from the Civil Engineering Research Association of Ireland. Prof. Basheer is an elected Fellow of the ACI, Irish Academy of Engineering and the Royal Academy of Engineering, and a familiar face to the India Chapter of the ACI and Indian Concrete Institute since 1998.

Invitation to Participate



Mr. C.R Raikar
President
India Chapter of ACI

We are thrilled to invite you for this '2nd biennial R N Raikar International Conference'. The mission is to introduce the participants to the cutting edge technologies in the field of concrete and concrete construction and to facilitate technology transfer in appropriate areas. A galaxy of foreign experts will enlighten the audience and two towering personalities, Dr Nemkumar Banthia and Dr P A Muhammed Basheer, will be felicitated by convening an international symposium in their honor.

The India Chapter is fully geared up for this 2nd R N Raikar biennial international conference. ACI has graciously cosponsored this international event and host of other international technical bodies have offered their support.



Dr. S.K Manjrekar
Principal Convenor &
Past President
India chapter of ACI

Distinguished technocrats with outstanding contribution to Indian construction industry would be recognized in this conference. Do join and participate in this technical extravaganza.

Topics for Conference

Novel cements and advanced materials

Advances in science and technology of cement, admixtures and concrete
Advances in material concept and tailored material properties
Material science of cement and concrete
New cements
Concrete with recycle materials
SCC
Ultra high performance concrete
Energy efficient process and materials
Nano technology
Phase change materials (PCM)
Permeable concrete
Green concrete
Underwater concrete
Hot weather / cold weather concreting
Heavy density concrete
Fibre reinforced concrete

Characterisation, testing and monitoring materials and their properties and associated modelling

Advances in testing material properties
Experimental analysis of concrete structures
Monitoring concrete properties during construction
Non destructive testing
Sensors
Advances in material modeling, fresh state to early age to fracture and damage mechanics
Advanced models from nano to macro scale
Multi-scale modelling

Performance in service, prediction of service life and life cycle analysis

Sustainability of concrete
Durability of concrete
Innovative solutions for corrosion prevention of rebars
Improved performance for shrinkage cracking
Transport properties
Structural health monitoring

Structural and civil engineering applications

Advances in structural and civil engineering applications
Research and current developments
Seismic retrofitting
Quality control related to concrete structures
Dismantling of structures
Concrete construction and maintenance of structures in different fields of infrastructure, such as:
a. Aviation Structures
b. Railways / Metros
c. Ports and Harbors

Seminar Timings : 09:00 am to 6.00 pm

Dinners : 17th & 18th December 2015



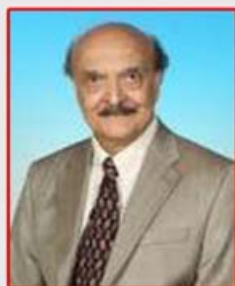
Ronald Burg
EVP-ACI Intl.

Thank you for requesting ACI to co-sponsor the 2nd R N Raikar Memorial Conference – Dr. P. A. Muhammed Basheer and Dr. Nemy Banthia Symposium on Advances in Science and Technology Concrete, 18th & 19th December, 2015, Mumbai, India.

ACI would be pleased to co-sponsor the 2nd R N Raikar Memorial international Conference.

We ask that you continue to keep ACI Headquarters informed as plans for the 2nd R N Raikar Memorial International Conference are further developed.

We wish you success in organising this 2nd R N Raikar Memorial International Conference – Dr. P A Muhammed Basheer and Dr. Nemy Banthia Symposium on advances in Science and Technology of Concrete.



Mentor-Dr Suru Shah

I was delighted to be the first Honoree of R N Raikar Memorial International Conference held in December 2013. The entire event was well organized and had rich technical contents. It came out to be very strong scientific conference. The presence of delegates from 30 countries and capacity full auditorium from start to finish was remarkable.

I am happy to be a Mentor for “2nd R N Raikar Memorial International Conference” and “Banthia – Basheer International Symposium”. I extend warm invitation to all to join the conference by sending in their papers as well as registrations at the earliest.

I wish the conference all the success.

Delegate Fees

Indian delegates : INR 8,200 (exclusive of Service Tax) (Before 31st July 2015)
: INR 9,500 (exclusive of Service Tax) (After 1st August 2015)

International delegates : USD 250 (exclusive of Service Tax)
: (10% discount if paid before 31st July 2015)

For the main author there will be a rebate of 25% of the conference fees.

For students there will be a rebate of 50% of the conference fees.

All the authors / presenters need to register.

The fees include delegate kit, conference document, lunch and tea / coffee on all the days. Fax, phone and email registrations will be accepted when a credit card is used as the method of payment. Only registrations with payment will be processed. Credit card facility is available for spot registration (Master Card / Visa / American Express / Dinner Club Cards preferred) .

Mode of Payment

By online registration / cheque or demand draft payable in Mumbai in favour of "India Chapter of ACI". Please add INR 100/- for outstation cheques.

For electronic transfer IFSC Code : IDIBO00M008.

SB A/C: 000000419657905 SWIFT: IDIBNBBFT

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

Online Registration :

Registration to the conference can be done online at
<http://icaci-2ndnrconf.com>

Tariff

Exhibition

	One Stall
Indian Exhibitor	INR 60,000+ Taxes
Foreign Exhibitor	US\$ 2000 (Inclusive of Taxes)
Stall Size about 3m x 3m	

Advertisements

	INR	US\$
Back Cover	150,000	3,000
Front/ Back Inside Cover	100,000	2,500
Full Page Colour	25,000	600

Partnering Opportunity

Category	Fees	Free Delegates	Presentation Time
Solitaire	INR 10 lakhs	10	20 Minutes
Platinum	INR 7.5 lakhs	7	10
Gold	INR 5 lakhs	5	10
Silver	INR 2.5 lakhs	3	10
Lunch / Dinner	INR 5 lakhs	5	10
Kit Sponsor one Insert	INR 1 lakh	-	10

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To be continued...

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To be continued...

Important dates for paper submission :-

Last date of submission : 31st May 2015

Review by Scientific Committee : 30th June 2015

Submission of final paper : 31st July 2015

REGISTRATION FORM

Photocopy if necessary

**2nd R N RAIKAR MEMORIAL INTERNATIONAL CONFERENCE
&**

Banthia-Basheer International Symposium

Advances in Science & Technology of Concrete

18th & 19th December, 2015

Venue : Mumbai, India

Delegate Name : (Dr. / Ms. / Mr.).....

Address:

.....

.....

Mob.....

E-mail :

ACI India Chapter Membership No. :

Student (Name of Institution) ID. Card No. :.....

Payment Details :-

Cheque / DD No. for Rs. dated

Drawn on bankbranch.

**Favouring "India Chapter of ACI" payable in Mumbai.
(Add Rs.100/- extra for outstation cheques).**

Date

Signature

Photocopy form for additional registration

Conference Venue : Mumbai

Hotel accommodation is available in Hotel, the conference venue with options of single, double occupancy rooms, with breakfast and included details given below



American Concrete Institute
Always advancing

THE AMERICAN CONCRETE INSTITUTE (ACI)

The ACI was founded in 1904 as a nonprofit membership organization dedicated to public service and representing the user interest in the field of concrete. ACI gathers and distributes information on the improvement of design construction and maintenance of concrete products and structures.

For more details, contact ACI on www.concrete.org

The American Concrete Institute (ACI) is the premier professional institution in the sphere of concrete for over 100 years and has its motto "Progress through knowledge".

INDIA CHAPTER OF ACI

ICACI is in its 36th year. We realize that sharing and exchange of activities, knowledge and information is inevitable for efficient sustenance of the user interest in the field of concrete and also for our welfare. Technical dissemination is the most appropriate methodology for enhancing our Continuous Professional Development. The Chapter has more than 2000 members spread all over India, who actively participate in all the Chapter Programs.

About 1st R N RAIKAR CONFERENCE & SURU SHAH SYMPOSIUM

1st R N Raikar conference was held in December 2013, which was a delightful technical feast for all the delegates. 500 delegates from 30 countries who were associated in the 1st R N Raikar conference gave us a strong foundation to embark upon the 2nd biennial R N Raikar Conference with a larger international and national participation.

About Mumbai



Known as Bombay until 1996, Mumbai takes its name from the Hindu goddess Mumba Devi, the mother-goddess of the Koli people who inhabited this stretch of coastline before the arrival of the British. With a population of 13 million, set to swell to 25 million by 2020, Mumbai is one of the largest and busiest cities in the world. For visitors, Mumbai offers all the energy and exoticism of India in a manageable package. The culture shock of arriving in such a crowded and culturally diverse city is offset by the convenience of chain coffee shops, excellent public transport and ATMs on every corner. Business travellers come to Mumbai from across the globe to take advantage of Indian expertise and tap into the huge market potential of the second most populous country on earth.

Sanjay Gandhi National Park (SGNP), is a large protected area in the central part of metropolitan region of Mumbai. It encompasses an area of 104 km² (40 sq. miles).

The Elephants Caves are a network of sculpted caves located on Elephants Island, in Mumbai harbor. The cave consists of two groups of caves the first is a large group of five Hindu caves, the second, a smaller group of two Buddhist caves.

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