



Spring 2017 | Detroit
The Concrete Convention
and Exposition



9th International Forum
26th Sunday 2017
10 :00 – 11:30 am

“WIDESPREAD ACTIVITIES OF INDIA CHAPTER” 2016-2017



Dr. Surendra Manjrekar, F ACI

Mohan Jacob
Past President

Ishita Manjrekar
Hon. Secretary





SUBJECTS OF THIS PRESENTATION

- 1. GLOBAL ACTIVITIES**
- 2. NEW STUDENT CHAPTERS**
- 3. CONCRETE FIELD TESTING CERTIFICATION COURSE**
- 4. SUPERVISOR'S COURSE**
- 5. OUR MEGA EVENT – 3rd R. N. RAIKAR INTERNATIONAL CONFERENCE**
- 6. ABOUT INDIA CHAPTER**
- 7. HOW TO MAKE CHAPTER GROW.....FURTHER ?**



Dr. S. K. MANJREKAR AT “ACI-FIC-UANL STUDENT CHAPTER”- MEXICO, 20TH OCT. 2016



S. K.'S LECTURE AT UNIVERSITY OF NUEVO LEON, MONTERREY – MEXICO, 20th OCT. 2016

PRESS CONFERENCE

THE ASSOCIATION OF CIVIL ENGINEERS - YUCATAN, MERIDA, MEXICO 18th Oct. 2016



LEFT TO RIGHT -

DR. MRS. MANJREKAR, DR. MANJREKAR, CARLOS EROSA BURGOS - PRESIDENT OF YUCATAN CIVIL ENGINEERS, PROF. ALEJANDRO AND CHIEF EDITOR OF REVISTA ALCONPAT, MEXICO – DR. PEDRO BORGES.



Surendra K. Mangrulkar, Carlos Erosa Burgos, presidente del Colegio de Ingenieros Civiles de Yucatán, Alejandro Durán Herrera y Pedro Castro Burgos en un panel en las jornadas internacionales del Concreto

Aumenta la durabilidad

Hay tecnología que se aplica al concreto actual

Ya no es válido que un ingeniero pretenda estar al día con lo que aprendió en la escuela, es fundamental estar actualizado para no quedarse rezagado ante los avances tecnológicos, señaló Carlos Erosa Burgos, presidente del Colegio de Ingenieros Civiles de Yucatán, al iniciar la XIV Jornadas Internacionales del Concreto.

Por su parte, Alejandro Durán Herrera, director del Instituto Americano del Concreto, dijo que realizar una construcción utilizando nuevas tecnologías en concreto puede elevar los costos de la obra en un 2% sin embargo puede durar hasta 10 veces la durabilidad de la obra.

En la administración del momento siempre se dijo por utilizar lo más barato, pero invertir más en las nuevas tecnologías puede extender significativamente la vida de una construcción.

Condiciones similares
En el evento se contó con la participación del ingeniero Surendra K. Mangrulkar presidente del Instituto

De un vistazo
Colegio de Ingenieros Civiles
Las jornadas internacionales del Concreto hacen una invitación a la comunidad por los últimos avances para la construcción, impartir cursos y conferencias para su educación en campo y ofrecer a la oportunidad de incorporarse a organizaciones de carácter profesional de prestigio.

Americano del Concreto, quien señaló que México y la India comparten condiciones extremas similares a las que se ve expuesto el concreto, por ello resulta muy positivo compartir y aprender de las experiencias.

El ingeniero Pedro Castro Burgos comentó que es muy importante la actualización profesional en las universidades y asociaciones.

Consideró que el concreto debe tratarse como un ser humano que puede enfermar y que requiere tratamientos especiales tanto en México como en la India, donde el material es muy vulnerable a los efectos del calor cuando aún está fresco.

Se debe tener mucha cautela al prepararlos por el servicio que se espera del agua, apuntó el ingeniero Surendra K.

COMUNIDADES

Mayor

Arranca un plan del Ayuntamiento para las colonias

A fin de mantener la cercanía del Ayuntamiento con los ciudadanos, el alcalde Mauricio Vila Dosal encabezó el inicio del programa "Acercando en tu colonia", mediante el cual visita personalmente a los habitantes de las colonias para informar sobre los programas que ofrece la administración municipal, supervisar los trabajos de los diferentes departamentos, conocer las necesidades de los ciudadanos y promover su participación en la toma de decisiones sobre los asuntos de Mérida.

Durante su recorrido por las colonias Sambulá y Nueva Sambulá, Vila Dosal escuchó diversos planteamientos y refrendó su compromiso de mejorar la calidad de vida de los merideños e impulsar medidas para apoyar a los habitantes más vulnerables del municipio.

Entre las principales actividades que se hicieron, el alcalde destacó el tema de algunos predios, baldíos, algunos casos de hechos de calles y luminarias.

El señor Baldomero Coll,



El alcalde Mauricio Vila Dosal en un momento de su recorrido por las colonias Sambulá y Nueva Sambulá. Vila Dosal escuchó diversos planteamientos y refrendó su compromiso de mejorar la calidad de vida de los merideños e impulsar medidas para apoyar a los habitantes más vulnerables del municipio.

Próxima conve

Más de 200 personas, entre autoridades públicas, académicas y público general participarán en XII Congreso Nacional 2016 de la Federación Nacional de la Asociación Mexicana de Colegio de Constructores Públicos (Fenaco), evento que se llevará a cabo del 16 al 18 de noviembre en el Hotel Poma de México Intercontinental Villa México.

En el evento participarán

El congreso de noviembre de 2016, todos de la República.

Meta
De acuerdo con Clara Cervantes, presidenta Asociación de Ejecutivos de Construcción de la Federación de Constructores Públicos de la República Mexicana, este evento tiene el objetivo de acercar a los constructores de la industria para un

Chapter Reports

Inauguration of 'Student Chapter'

Sanjay Ghodawat Group of Institutions Student Chapter – ACI

The Sanjay Ghodawat Group of Institutions (SGI) Student Chapter – ACI was inaugurated at the SGI campus in Atigre, Kolhapur, Maharashtra, India, on January 28, 2017. Surendra Manjrekar, India Chapter – ACI Past President and Principal Convener of ACI certification for the chapter, was the guest of honor and keynote speaker. More than 200 students from the SGI Civil Engineering Department were in attendance.

The ceremony commenced with a welcome address by S.M. Shiyekar, Professor and Head, Department of Civil Engineering at SGI, followed by the presidential address by V.A. Raikar, Director, SGI. He encouraged the students to use the dynamic learning environment of SGI to develop skills in problem-solving, teamwork, communication, and leadership. As part of his keynote address, Manjrekar congratulated Raikar

and the chapter officers and expressed well wishes for further growth of the chapter. He also emphasized the importance of certification programs conducted worldwide by ACI.

Northern California and Western Nevada Chapter – ACI Construction Awards

The Northern California and Western Nevada Chapter – ACI held its 2016 Construction Awards Banquet on November 15, 2016. The 18 entries demonstrated a diversity of quality projects. Winning projects ranged from a zoo enclosure, replicating the African savannah, to a net-zero energy "dream home," signifying the culmination of over 20 years of research by the architect and owner. Rich Vance, 2016 Construction Awards Chair, noted, "We were fortunate this year to have a great range of entries. And it was also fortunate that smaller companies and new competitors took the time to enter. It's often a challenge making the time to prepare an entry properly, and we appreciate everyone's efforts."

Organizational member sponsors of the awards included Gold Sponsor: Northern California Cement Masons Joint Apprenticeship; and Silver Sponsors: Structure Groups, BASF, DeSilva Gates Aggregates, and Lehigh Southwest Cement.

Architectural Category Winner—Creative use of shotcrete

Fresno Chaffee Zoo – African Savannah Exhibit

Approximately 3700 yd³ (3400 m³) of shotcrete were used to construct rocks and a central tree for the new exhibit. Four different colors of Huntsman Pigments were used in the texture coatings on the features.

Project credits: Ken Jackson, Builders Concrete, Submitter; City of Fresno, Owner; The Portico Group, Architect; Harris Construction, General Contractor; COST of Wisconsin, Shotcrete Supplier; Builders Concrete, Concrete Supplier; and Technicon Engineering Services, Testing and Inspections.

Structural Category Winner—Engineered without exterior columns

Samsung America Headquarters, San Jose, CA

The headquarters campus includes a 10-story office building largely supported by eight cast-in-place concrete cores. The structural steel floor framing includes 687,000 ft² (63,000 m²) of concrete fill on metal deck. The complex features an eight-level, long-span Cunningham Beam garage and also includes a data center and cafeteria.

Project credits: James Shimamoto, Webcor Builders, Submitter; NBBJ, Architect; Webcor Concrete Group, Concrete Contractor; ARUP, Engineer and Structural Engineer; Webcor Builders, General Contractor; Samsung Semiconductor, Owner and Developer; and Cemex, Ready Mixed Supplier.



Keynote address at the inauguration of the SGI Student Chapter – ACI by Surendra Manjrekar, with Sourabh Manjrekar, S.M. Shiyekar, and Chetali Jeur, SGI Student Chapter – ACI President (seated, from left)



Presentation of the SGI Student Chapter – ACI banner. Top row, from left: Mukhul Parikh, Sourabh and Surendra Manjrekar, V.A. Raikar, S.M. Shiyekar, N.K. Patil, and C.S. Patil; and SGI Student Chapter – ACI officers.

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The Sanjay Ghodawat Group of Institutions (SGI) Student Chapter





www.aci-india.org

Concrete India
Journal of the India Chapter of American Concrete Institute

Focus Student Chapter

Brief of chapter activities of ACI India student chapter at MEFGI, Rajkot

With the beginning of academic term in December 2015, we initiated the new member registration process for students. Till the date we have more than 20 registrations with us for this year. Interestingly, the members are in combinations in semesters therefore the chapter could attain better blending of inspirational minds.


Two of the student members participated in the 2nd International R.N. Raker Memorial Conference, ACI India chapter 17/01/2016. The knowledge gained was shared with rest of the members at MEFGI campus.

An expert lecture was arranged through the chapter with the support from MEFGI:

- Expert: Prof. G.R.Reddy from Bhabha Atomic Research Center (BARC), Mumbai
- Date: 06-2-16 at 10:00 am
- Topic delivered: On current research activities in India by BARC, Seismic designing of structures including Atomic structures, Scopes of research in the field of Atomic research, Role of construction materials in Atomic structures.
- P. refer Photographs attached at bottom.

Proposed Near future activities

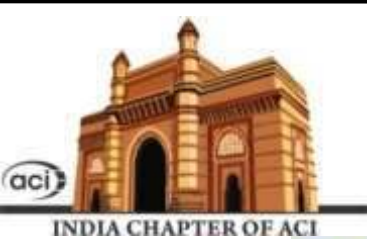
- Workshop on "Making Cement free concrete" at MEFGI campus.
- Proposed dates: Third Week of March, 2016.
- Chief coordinator: Prof. Ankur Bhogayata
- Student Coordinators: Mr. Shemal Dave, Mr. Kishan Sivani



STUDENT CHAPTER AT MEFGI, RAJKOT



Prof. Reddy Visiting the Labs of MEFGI



PROPOSED STUDENT CHAPTER



Kongu Engineering College is an engineering college located at Perundurai, Erode district in the state of Tamil Nadu in India. It is affiliated to Anna University and accredited 'A' Grade by National Assessment and Accreditation Council



CONCRETE FIELD TESTING CERTIFICATION COURSE



India Chapter of ACI has conducted ACI Certification Course for **“Concrete Field Testing Grade I”** as **‘Train the Trainer’** initiative for Engineers and Administrators.

23 batches completed Successfully.









SUPERVISOR'S COURSE



Conducting **'Construction Supervisor's course'** for training students who have passed school but not enrolled in Technical Institutes.

Now in its 22nd year with an intake of around 50 students per year.

CERTIFICATE AWARD FUNCTION
Construction Supervisor's Course 13th Batch 2007-08
Organized by India Chapter of ACI & N & K Rolling Mill Engineers Pvt. Ltd.



Report on Inaugural Function

12th Batch of Construction Supervisor's Training Course

Construction Supervisor's Training Course
 12th Batch (2006-2007)
 Placed in Pipeline of Teaching - Learning Process

On Saturday 30.7.06, one more batch of 57 students passing XII and with "Building Maintenance" as their MCVC subject, enrolled for this Construction Supervisor's Training course, organized by India Chapter of American Concrete Institute with support of industry and institutes.



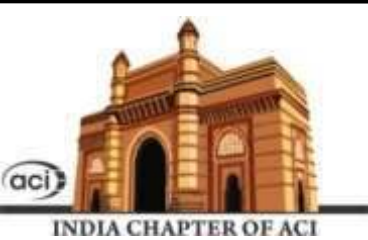
T. G. R. Mr. M. N. Gupta, Mr. Dhanraj, Dr. D. R. Manjunath, Mr. N. K. Gupta, Mr. M. N. Rajan, Prof. G. N. Subbarao, Mr. C. M. Rajan



T. G. R. Dr. D. R. Manjunath, Mr. S. R. Gada, Mr. N. K. Rajan, Prof. V. B. Venkat

13th Batch Of Construction Supervisor's Training Course





OUR MEGA EVENT

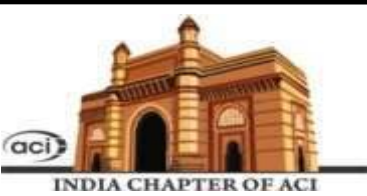
INTERNATIONAL CONFERENCES



3rd R. N. Raikar Memorial International Conference and ‘Gettu – Kodur International Symposium’ on Advances in Science & Technology of Concrete’ to be held on 14th & 15th December, 2018 Mumbai, India.

2nd R. N. Raikar Memorial International Conference and ‘Banthia – Basheer International Symposium’ on Advances in Science & Technology of Concrete’ held on 18th & 19th December 2015, Mumbai, India.

1st R. N. Raikar Memorial International Conference and ‘Dr. Suru Shah International Symposium’ on ‘Advances in Science and Technology of Concrete’ held on 20th & 21st December 2013, Mumbai, India .



1st R. N. Raikar Memorial International Conference and 'Dr. Suru Shah International Symposium



R. N. Raikar Memorial International Conference
and Dr. Suru Shah Symposium on
ADVANCES IN SCIENCE & TECHNOLOGY OF CONCRETE

Technical Papers

Volume I, II



29-31, December 2013 • Hotel Hyatt Regency, Mumbai

Organised by



India Chapter of
American Concrete Institute



The *Institution*
of *Structural*
Engineers



Dr. Anne Ellis lights the traditional lamp dedicating the conference to the memory of Shri R. N. Raikar



Garlanding the photograph of R. N. Raikar



Glimpses of

1st R. N. Raikar Memorial International Conference



L to R - Mr. M. A. Jacob, Mr. Chetan Raikar, Dr. S. K. Manjrekar, Dr. Anne Ellis, Dr. Suru Shah, Dr. Ron Burg & Mr. Pankaj Shah release the conference documents.



President India Chapter of ACI Chetan Raikar welcomes ACI International President Dr. Anne Ellis



Chair (RNR conf.) -Dr. S K Manjrekar welcomes luminaries of the concrete fraternity from across the globe during the opening session.



Dr. Surendra P. Shah accepts his felicitation and enlightens the delegates on the - Future of Self Compacting Concrete.



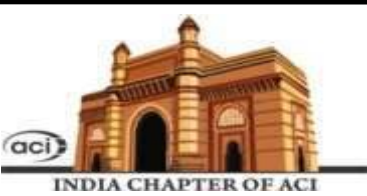
ACI President Dr. Anne Ellis presents a Perspective on Tall Buildings from around the world.



ACI Executive Vice President – Dr. Ron Burg

**Almost 550 delegates participated -
conference a resounding success and
technical extravaganza par excellence**





2nd R. N. Raikar Memorial International Conference and 'Banthia – Basheer International Symposium'



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

Technical Papers Volume I, II, III



015 • Hotel The Lalit, Mumbai, India

Organised by





Mr. Pankaj Shah
President
India Chapter of ACI



Dr. S. K. Manjrekar
Conference Chair



Mr. M. A. Jacob
Chair
Scientific Committee



Mr. Chetan Raikar
Imm. Past President

Prof. Alejandro Durán Herrera
Professor -Monterrey N.L. México
Director – ACI 



Dr. Surendra P. Shah
Walter P. Murphy
Professor of Civil Engineering
(emeritus), USA 



Prof. Nemy Banthia
The University of British Columbia
Canada 



Prof. Muhammed Basheer
University of Leeds
United Kingdom 





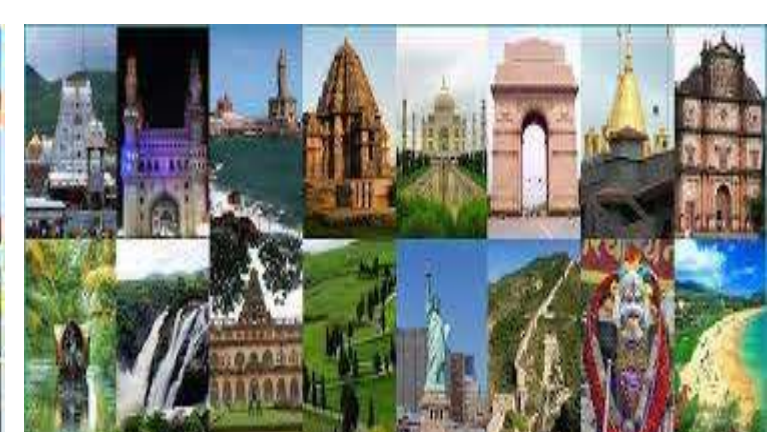
Come to
'INCREDIBLE INDIA'

and participate in the

3rd R. N. Raikar International Conference

14th & 15th December, 2018 at

Mumbai – the CITY THAT NEVER SLEEPS!



MENTORS



Prof. Surendra P. Shah
USA



Prof. V. M. Malhotra
Canada



Prof. Nemy Banthia
Canada



Prof. Muhammed Basheer
United Kingdom

INVITATION TO THE PARTICIPANTS



Pankaj Shah
President



Dr. S. K. Manjrekar
Chair



Mohan Jacob
Co-Chair



Umesh Magar
Co-Chair



ABOUT INDIA CHAPTER

India Chapter of ACI **established in 1979** with Headquarter at Mumbai.

Membership of over **2000** across India.

Judged '**Excellent Chapter Award**' by ACI from 1999 to 2015.

Organizing large number of 'International and National seminars and Technical lectures'.

National Seminar on RCC Constructions at Great Heights in High Rise Buildings
8th and 9th February 2013



National Seminar on FORMWORK – Chennai, July 23-24, 2009



Glimpses of International Conference on Sustainable Concrete Constructions
held at Ratanigiri from 9th to 10th February 2008



Glimpses of National Seminar on Construction Chemicals and Waterproofing
held at Mumbai from 4th to 6th May 2007



Deliberating on NDT at Mumbai & Bangalore



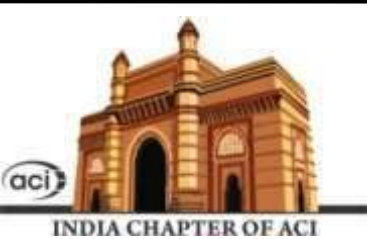
International Conference on FORENSIC ENGINEERING
at Mumbai from 6th to 9th December 2007





HOW TO MAKE CHAPTER GROW.....FURTHER ?

With a view to enlarge the base for **ACI Certificate candidates** and ensure pan-India presence, **India Chapter of ACI and CIDC** – a Government of India agency has now proposed a **‘Tripartite agreement’**.



Concession granted by ASCE (American Society of Civil Engineers, US), (A similar Association like that of ACI)



http://www.asce.org/wbclass/?utm_campaign=MKT-20160906-Early%20Renewal-Standard-Intl-Email1-Contest-Intro&utm_medium=email&utm_source=Eloqua

ASCE AMERICAN SOCIETY OF CIVIL ENGINEERS

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Membership and Communities

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- Nepal (NPL)
- Niger (NER)
- Rwanda (RWA)
- Senegal (SEN)
- Sierra Leone (SLE)
- Somalia (SOM)
- South Sudan (SSD)
- Tanzania (TZA)
- Togo (TGO)
- Uganda (UGA)
- Zimbabwe (ZWE)

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**Thank
You!!!**