



# UPDATE

An Electronic-Bulletin from  
the Indian Concrete Institute

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## From the President's Desk



**Dear Members of ICI,**

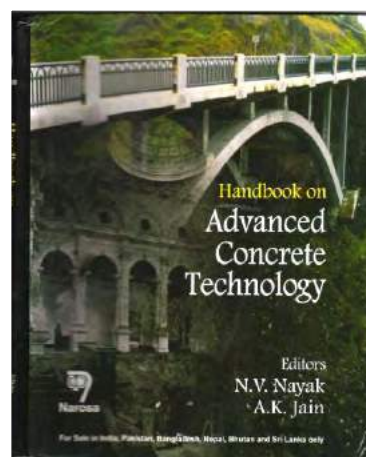
Happy New Year to you all. The dawn of the year 2016 brings with it new possibilities and new challenges for the construction industry in India as well as for the Indian Concrete Institute. The Smart Cities and AMRUT Cities will invite an investment of Rs. 2 trillion in the next five years. The demand for cement, which is in turn an indicator of the demand for concrete, is steadily increasing and is expected to be in the range of 600 million tonnes per annum by 2025. With more than 67% percent of the cement demand coming from the housing sector, the maximum consumption of mortar and concrete happen here.

One of the areas of concern is the avoidable wastage of construction materials including mortar and concrete. Woefully the most wasted material during construction operation is mortar from plastering/rendering. A survey indicated that "labour-only" subcontracting option leads to high contribution to material wastage. Furthermore, the study revealed that the average percentage contribution of building material wastage to project cost overrun is between 21-30%; Poor supervision, re-work, and poor material handling were identified as dominant factors that have high contribution to material wastage on sites. Situation would be similar, if not worse in the individual house building sector.

It is imperative for every one of us to spend quality time in ensuring avoidance of wastage of precious resources. We can then build more with the same resources. Suggestions are invited from you as to how ICI can, as an institution chip in.

I was fortunate to participate in the inauguration of the Amravati, Coimbatore and Salem Centers of ICI and am looking forward to the inauguration of Raipur Center. I also participated in the inauguration of a new Students' chapter at MES college of Engineering, Kuttipuram and delivered lectures at a couple of student chapters. The enthusiasm shown by the members and office bearers is really encouraging. I am sure all the student chapters would be nurtured by the Centers nearby to have fruitful programs.

**Dr. M. R. Kalgal**  
President



Hand Book on 'Advanced Concrete Technology' authored by more than 25 Eminent Experts is available at 20% discounted price of Rs.850/- for ICI members only. Postage extra. Please contact Ph : 044-24912602 ; email : [ici4@airtelmail.in](mailto:ici4@airtelmail.in).

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Dear Members,

Pl update your contact details, if there is any change.

**R. Radhakrishnan**  
Secretary General

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## ICI - BENGALURU CENTRE

## 1. Technical Lecture:

A technical interaction programme on Geopolymer was organized by ICI-Bengaluru Centre at Bangalore Institute of Technology (BIT), Bengaluru on 19<sup>th</sup> November 2015.

Dr. N.P. Rajamane was the Moderator for the session. Dr. M.U. Aswath, Chairman, ICI-BENC welcomed the gathering and introduced Dr. N.P. Rajamane to the audience. Later, Dr. Rajamane presented his views about the material - Geopolymer. He stressed the need of multi-disciplinary approach to understand this material. He narrated the views of different researches across the world about this material. Later, the stage was made open for discussion.

The session was attended by more than 70 Researchers, Academicians, Industry Personnel and Students. Dr. R.V. Ranganath, Dr. M.U. Aswath, Dr. Raghunath, Dr. Radhakrishna, Er. Sapna Devendra, Er. Kaushik Hajra, other Members & Professionals participated in the discussion.

It was decided to initiate a forum on Geopolymer as future course of action.

The technical interactive session was among the focused group perusing research in Geopolymer and benefitted Research Scholars, and Students, who are into the research on Geopolymers.

Two hours session ended with vote of thanks by Dr. M.U. Aswath and followed by high tea.



## 2. Technical Lecture:



M/s. MAPEI Construction Products India Pvt. Ltd., Bengaluru in association with ICI-Bengaluru Centre and Bangalore Institute of Technology (BIT) organized a lecture for ICI Members, Engineers, Builders, Consultants & Students on 14<sup>th</sup> October, 2015 at BIT, Bengaluru.



Guest Speakers



Dr. M.U. Aswath, Chairman, ICI-BENC welcomed the gathering and introduced the Keynote Speakers of technical lecture Mr. Santhosh Prakash, Mr. Sameer Katti, &

Mr. Shashi Nair. Case Studies on “Advanced MAPEI Waterproofing” were presented. At the end, Dr. Manamohan R. Kalgal, President, Indian Concrete Institute was felicitated.



*Dr. Manamohan R. Kalgal felicitated*



*Group photo*

Mr. Kaushik Hajra, Secretary, ICI-BENC thanked everyone.

### 3. Endowment Lecture:

Indian Concrete Institute, Bengaluru Centre FOSROC Chemicals (India) Pvt. Ltd. - Endowment Lecture was organized on 17<sup>th</sup> October, 2015 at Bangalore Institute of Technology. The lecture was well attended by more than 200 peoples including ICI Members, Concrete Industry Professionals, Engineers & Students at BIT Seminar Hall, Bengaluru.

Dr. M.U. Aswath, Chairman, ICI-BENC welcomed the gathering and briefed about the programme & events conducted by ICI Bengaluru Centre.

Mr. Kaushik Hajra, Secretary, ICI-BENC, introduced the Speaker, Mr. G. Shivaprakash, Product Segment Manager Admixture, FOSROC Chemicals (India) Pvt. Ltd., Bengaluru.

Mr. G. Shivaprakash briefed about Chemical Admixtures & Use of Chemicals in Construction Field and how the Chemicals behave with Concrete.

Technical lecture on “New Generation Construction Aids” was delivered by Dr. R. Nagendra, Civil-Aid Technoclinic Pvt. Ltd., Bengaluru.

Presidential Address was delivered by Dr. A.G. Nataraj, Principal, Bangalore Institute of Technology, Bengaluru.

ICI Student Membership Certificates were distributed by Guest of Honour & Speaker, followed by felicitation of Past Chairman & Secretary of ICI Bengaluru Centre and FOSROC Endowment Program Sponsors.

Vote of Thanks was delivered by Mr. Kaushik Hajra.



*Dignitaries on the Dias*



*Participants*



Mr. G. Shivaprakash



ICI Student Membership Certificate Distribution



Felicitation of Past Chairman, Secretary of ICI-BENC & Fosroc representative

4. Concrete Day Celebrations 2015:

Concrete Day was celebrated by Indian Concrete Institute-Bengaluru Centre in association with UltraTech Cement Ltd., on 9<sup>th</sup> September 2015 at NIMHANS Convention Centre, Bengaluru. More than 1000 people from Construction Industry, Builders, Consulting Engineers, Architects, Academicians, Researchers, Members of ICI, and Students attended this mega event.

Dr. M.U. Aswath, Chairman, ICI-BENC welcomed the gathering and briefed about the Programme, Concrete Day Awards and the Concrete Day Celebrations 2015.



Dr. Aswath M. U.

ICI-BENC - UltraTech Award for Outstanding Concrete Technologist 2015

was given to **Shri. M. N. Ramesh**, Director, Talrak Construction Chemicals Pvt. Ltd.

Er. Ramesh is a member of Indian Concrete Institute and was the Chairman of ICI-Bengaluru Centre and Vice-President (South) of ICI. He was instrumental in starting the Mangaluru Centre of ICI and students' chapters in various educational institutions.



Er. M.N. Ramesh, being felicitated



## ICI-BENC - Birla Super Award for Outstanding Concrete Structure of Karnataka 2015:

**1. Infrastructure Category:** was given to Construction of Two-Level Grade Separator at Nayandahalli in Bengaluru by M/s. Bangalore Development Authority.



**2. Infrastructure Category: ICI-BENC - Birla Super Jury Award 2015** was given to elevated viaduct between Peenya Village Station and Hesaraghatta Cross Station Reach R3 in Phase I of Bangalore Metro Rail Project, Bengaluru.



## ICI-BENC - Birla Super Award for Outstanding Concrete Structure of Karnataka 2015:

**1. Building Category** was given to Brigade Exoitca by M / s . Brigade Enterprises Limited, Bengaluru.



**2. Building Category: Jury Appreciation Award 2015** was given to Construction of Housing Flats (BDA) at Alur by M/s. Bangalore Development Authority.



**3. Building Category: Appreciation Award 2015** was given to Provident Welworth City, at Marasandra by M/s. Provident Housing Limited, Bengaluru.



**4. Building Category: Appreciation Award 2015** was given to HUAWEI Technologies India Private Limited at Divyasree Techno Park, White field by M/s. Huawei Technologies India Private Limited, Bengaluru.





**ICI-BENC - UltraTech Award for Young Engineer of Karnataka 2015** was awarded to Shri. Rathnakara Reddy KB, Principal Engineer / Managing Director, M/s. Infra Support Engineering Consultants Pvt. Ltd, Bengaluru and Shri. Kartik Janakiram, Partner [M/s. K. T. Engineers & Builders] K. T. Precast, Mysuru



The 1st Concrete Day 2015 Lecture named after Dr. C.S. Viswanatha was delivered by Ar. Christopher Charles Benninger on “Poetry in Concrete”.



Ar. Christopher Charles Benninger

**Dr. Manamohan R. Kalgal**, Head - Technical Services, UltraTech Cement Limited and **Dr. V. Ramachandra**, ICI - Vice - President (South), delivered the Presidential Address & Sponsor's presentation for the Programme.

**Mr. Kaushik Hajra**, Secretary, ICI-BENC thanked everyone for their involvement in the Programme. M/s. UltraTech Cement Limited had made all the arrangements for the Mega Show, and sponsored the fellowship and dinner.



Mr. Kaushik Hajra

PHOTO GALLERY





PHOTO GALLERY



5. Site Visit:

Indian Concrete Institute, Bengaluru Centre and Ardex Endura (India) Pvt. Ltd., (AEIPL) jointly organized a plant visit to a construction chemicals plant and product awareness training with application at AEIPL Training Centre on 18<sup>th</sup> December 2015. The visit was a grand success and was attended by 20 construction industry professionals including ICI Members, Leading Consultants, Applicators, Contractors, etc.

The training programme started with welcome speech by Mr. K.P. Paulson (VP Technical).

The training provided in-depth knowledge on

Latest Technology in Waterproofing Systems, Industrial Flooring Systems and Repair & Rehabilitation Solutions.

Later half of the time was spent on application of selected products. The attendees were very enthusiastic to learn about the new products. Many construction industry professionals tried application of products with their own hands and felt very happy with the training facility provided by M/s. Ardex Endura.

The programme was concluded with vote of thanks by Dr. Radhakrishna.





Participants travelling in Bus



Introduction to AEIPL technical team & Mr K.P. Paulson



Introduction of participants



Group photo at Ardex Endura Plant

6. Technical Lecture :

ICI-Bengaluru Centre in association with ACCE (I), RMCMA & BIT organized a technical lecture for Members, Engineers, Builders, Consultants & Students on 24<sup>th</sup> November, 2015 at Bangalore Institute of Technology, Bengaluru. Dr. M.U. Aswath, Chairman, ICI-BENC welcomed the gathering and introduced the Speaker Mr. B.S.C. Rao, Senior Consulting Engineer, Bengaluru. The topic of the lecture was “What are Smart Cities?”

Mr. Rao de-mystified this enigmatic term and explained the whole gamut of features such as Information and Communication Technology, Cloud Computing, the Internet of Things/Internet of Everything etc. that exemplify Smart Cities and what India's vision is in this regard. He also touched upon the flip side of the dangers, risks and vulnerabilities of a digital world. Following the Lecture, Mr. B.S.C. Rao was felicitated.



Dignitaries on Dias



Felicitation to Mr. B S C Rao



ICI - THIRUVANANTHAPURAM CENTRE

One-Day Workshop:

ICI-Thiruvananthapuram Centre (TVMC), joined hands with Association of Engineers, Kerala conducted a one-day workshop on “Quality and Durable Construction for RCC Buildings”, on 13<sup>th</sup> November 2015 at Thiruvananthapuram. The Workshop was inaugurated by Er. Velapgy Madhu Mohan, Chairman ICI - TVMC. In his inaugural address, he highlighted the necessity for constructing durable structures.

The Chief Guest, Er. Mohan Renkan Thiagarajan of BASF India Limited, Chennai, delivered a lecture, on 'Corrosion Mitigation, Repair & Rehabilitation of RCC Structures'. He described the corrosion mechanism in RCC Works and also threw light on the rehabilitation procedures for RCC Structures. This was followed by a case study on the “Rehabilitation of a Damaged School Structure in Poovar”, a coastal area in Thiruvananthapuram District, which was presented by Er. S. Anwar Hussain, Secretary, ICI-TVMC. The session was very interactive.

The afternoon session started with a

presentation on 'Basic Concepts in Reinforcement Detailing', by Dr. Bindhu K.R., Associate Professor, College of Engineering, Thiruvananthapuram. This was followed by presentations on, 'Seismic Behaviour of Structures' and 'Testing of Hardened Concrete', by Dr. Smitha M.S. and Dr. R.S.Priyadarshini, Associate Professors, College of Engineering, Thiruvananthapuram. The trio focussed on the basic aspects of durable concrete structures and by appropriate testing methods.

A total of 102 persons attended the Workshop. The programme ended with vote of thanks by Er.S.Anwar Hussain.



Lighting of Lamp



Speakers

ICI - PUDUCHERRY CENTRE

Indian Concrete Institute -Puducherry Centre celebrated the Concrete Day and Engineers Day on 15<sup>th</sup> Septemr 2015. The Chief Engineer, PWD Puducherry,

Er. Swaminathan was the Chief Guest and inaugurated the function and addressed the gathering.



Dr. Manamohan R. Kalgal

Er. Swaminathan

Er. R. Radhakrishnan

Er. K. Jayasankar

Er S.Suresh

In the function, the portrait of Dr. APJ Abdul Kalam and Sir. M. Visvesvaraya was unveiled by Dr. Manamohan R. Kalgal, President, ICI and by the Chief Guest. The highlight of the function was the address made by the Keynote Speaker, Dr. Manamohan R. Kalgal on the topic “Inspirers par Excellence about Dr. APJ Abdul Kalam and Sir. M. Visvesvaraya”. Earlier, Er. S. Suresh, Chairman, ICI-Puducherry Centre, welcomed the gathering.

Er. R. Radhakrishnan, Secretary General, ICI, emphasised the need of conducting such type of programme and focussed on the activities of ICI to the gatherings and asked them to be a part of this Professional Body. The VP (South), ICI, Er. K. Jayasankar explained about the procedures adopted in the selection criteria.

Two eminent personalities from the Construction Industry viz; Ar. Ramani Shankar of Coimbatore and Dr. Jayagopal of Coimbatore were honoured with Lifetime Achievement Award and Outstanding Vocational Excellence Award, respectively.

Awards were give away for different categories of Outstanding Concrete Structures for Residential/Apartments, Utility /Commercial Building and Infrastructure Projects, Best Rehabilitated Heritage Building, Best Constructed Resorts etc., from various Districts viz; Puducherry, Cuddalore, Villupuram, Karaikal, Tanjore, Trichy, Kumbakonam, and Coimbatore. The response was very good and more than 90 nominations were received for the Awards.

PHOTO GALLERY



Lighting of Lamp by Dignitaries



Best Built Resort of Puducherry-Ocean spray in ECR



Best Built Utility Building at Coimbatore



Best Built Residential Building in Villupuram Dist.



Award for Best Built Residential House at Trichy



Honouring of ICI-PUDC Founder Member Er. Nadarajan S.E (Rtd), PWD, Puducherry





*Lifetime Achievement Award to Ar. Ramani Shankar*



*Outstanding Vocational Excellence Award to Dr. Jayagopal*

## ICI - ALLAHABAD CENTRE



ICI-Allahabad Centre organised a Seminar on "Alternate System of Concrete Aggregate for Modern Constructions" on 6<sup>th</sup> February 2016 at Hotel Milan Palace, Allahabad, successfully, in which about 80 participants including ICI Members, Guests, Delegates and Students participated.

The Keynote Speaker was Dr.A.K.Mullick, Retired D.G.,NCCBM, who gave a very interesting and informative presentation, which was followed by an interactive session of "Question & Answer".

Mr. Anand Pande, Regional Head, Reliance Cement and Mr. Avinash Pandey, Regional CSG Head, Reliance Cement, coordinated throughout the Event. Mr. Anand Pande also gave a brief presentation on "Role of Cement in Concrete".

Earlier, Er.Anil Kumar Pandey, Chairman, ICI-Allahabad Centre welcomed the Keynote Speaker, Guests and Delegates and also gave a brief introduction about the activities of ICI and its contribution towards the advancement in the field of Concrete.



Er. Ashok K.Tiwari, Ex-Vice-President (North), ICI gave brief introduction about Dr. A.K.Mullick before he started his lecture.

In the end, Secretary, ICI-Allahabad Centre expressed his gratitude to the Keynote Speaker, Guests and Delegates and gave vote of thanks to all concerned for making the event a grand success.

Reliance Cement sponsored the event. The Seminar was followed by Dinner.



## ICI - CHENNAI CENTRE

## Two-Day Workshop:



National mission "Housing for all by 2022" imparts a clear clarion call for precast construction to be adopted in a large scale for faster and high efficient construction. ICI comprehending the importance of precast construction way back, decided to propagate the critical information about precast construction by discussions and practical insight which resulted in a two-day workshop. ICI Chennai centre in association with Anna University, Indian Institute of Technology Madras, CSIR-SERC and The Masterbuilder organized a timely two-day workshop on "Precast Construction Practices in India". This great event was held at IC & SR Auditorium, IIT Madras on 12<sup>th</sup> and 13<sup>th</sup> February 2016. The Workshop was sponsored by L&T Construction, B.G. Shirke Construction Technology, UltraTech Cement Limited, Teemage Precast In, Halfen Moment India, Sika India Pvt.Ltd, Ra-Ni Precast and Sunil Chemical Industries.

Dr.Manamohan R. Kalgai, President, ICI, Er. K. Jayasankar, Vice-President (s) ICI, R.Radhakrishnan, Secretary General, ICI, Dr. K.P. Jaya, Chairperson, ICI-Chennai Centre and Er.Venkataraman, Secretary, ICI-Chennai Centre were present during the Inaugural function of the Two-Day Workshop. The Auditorium was packed with more than 350 persons that included Delegates, Students, Academicians and Researchers. Speakers from wide spectrum of Industrial Firms, Construction Industry, Precast Manufacturers and Academicians enlightened the audience with different aspects of precast construction. The discussion threw light on various topics listed below;

- The Indian Precast Concrete Industry - Where do we go from here? - Prof.N.Raghavan, IIT Madras
- Architectural Precast Concrete - Er. Pradeep Ghumare, NOE Formwork India Pvt.Ltd.
- Design Aspects of Precast Structures - Er. Sthaladipthi Saha, L&T ECC
- Precast Concrete Building Systems and Components - Dr. Amlan K. Sengupta, IIT Madras
- Planning Aspects of Precast Construction - Er. Surya Prakash, Sathyavani Projects and Consultants Pvt.Ltd.
- Manufacturing Process of Precast Elements - Mr. Deinst, KEF



Dr. Manamohan R. Kalgai



Er. K. Jayasankar



Er. Venkataraman





- Advanced Precast Concrete Technology with Case Studies in Indian Scenario - Mr. Prakash Shah, Elematic
- Behavior of FRP Strengthened Prestressed Precast Hollowcore Slabs - Dr. S. Suriya Prakash, IIT Hyderabad
- Handling, Storage and Transportation of Precast Elements - Er. Dinesh, Teemage Precast In
- General Issues in Precast Construction Practice in India - Dr. Sivarama Sharma, L&TECC.
- Case Studies on Precast Structures Mr. Ajith Bate
- Quality Control in Precast Construction - Mr. Ronak Dhoot, Shapoorji Pallonji & Company Limited.
- Connections in Precast Construction - Dr.K.P.Jaya, Anna University.
- Durability Assessment of Precast Structures - Er. Senou Krishnamoorthy, L&T.
- Precast Techniques in Mass Housing - Er.Y.P. Kajale, B.G. Shirke, Pune
- Assessment of Quality and Productivity in the Indian Precast Concrete Construction Industry - Dr. Radhakrishna G.Pillai, IIT Madras.
- Erection of Precast Elements - Er. Mohan Kumar, Ra-Ni Precast.



Book Release



Audience

The Workshop also witnessed the release of the much awaited Handbook on "Precast Concrete for Buildings", an initiative by (Late) Dr.A.Ramakrishna. The strenuous efforts of experts from the Precast Construction Industry made the comprehensive handbook first of its kind in India. The enthusiastic participation of the audience and speakers, and support from various organizations, Institutions and industrial firms made the Two-Day Workshop a grand success and a memorable one in the history of ICI Chennai Centre.

The Workshop was concluded with vote of thanks by Er. K. Venkataraman, Secretary and Treasurer, ICI Chennai Centre.

## ICI - SALEM CENTRE

### Inauguration of ICI-Salem Centre

Indian Concrete Institute - Salem Centre was inaugurated on 2<sup>nd</sup> March 2016 at Sona College of Technology, which is the 35<sup>th</sup> Centre of ICI. Er. Venkatraman, Secretary, ICI - Chennai Centre welcomed the gathering. Er. R. Radhakrishnan Secretary General, ICI, gave a presentation about ICI. Dr. Manamohan R. Kalgal, President, ICI installed the Office Bearers of the Salem Centre. Dr. R. Malathy, Er. N. Sanjaikumar, Er. M. Arivoli, Dr. P.M.

Shanmugavadivu. Dr. D. Jagadeeswaran, Dr. R. Krishnasamy, Er. S. Prabakaran, Er. Jeson John Williams, Er. N. Savitha, Er. A. Meenachi, Er. M. Jagadeeswari and Er. K. Kumaraguruparan were inducted as Office Bearers of Salem Centre. Dr. R. Malathy, Chairman, ICI- Salem Centre gave the acceptance speech. Er. N. Sanjaikumar, Secretary, ICI- Salem Centre proposed the road map of ICI Salem Centre for the



upcoming year. Dr. Manamohan R. Kalgali delivered the Keynote Address on "Applications of Prestressed and Precast Concrete Technology in Building Sector". The function was felicitated by Er. K.P. Pradeep, GC- Member, ICI, Dr. V. Jayaprakash, Principal, Sona College of Technology and Er. S. Suresh, Chairman, ICI-Puducherry Centre. More than 250 members including Academicians, Practicing Engineers, Students were present on that occasion.



*Dignitaries with Office Bearers of ICI-Salem Centre*

## ICI - HUBLI DHARWAD CENTRE

### ICI - Ultra Tech Awards -2015

ICI-Hubli Dharwad Centre and UltraTech Cement Ltd., jointly organised the ICI-UltraTech Awards for the Outstanding Concrete Structures of North Karnataka region.

The Outstanding Concrete Structures of North Karnataka are given in the following categories every year:

1. Residential Buildings
2. Public Buildings

The nominations received were reviewed by the Jury Committee and Awardees were selected based on the merit of the nominations. In all, there were 254 entries from all the Districts of North Karnataka. Considering the large number of enthusiastic

entries, the Jury Committee decided to present the District Awards for residential buildings as "Well Built Residential building" of the District for each District. This is being done to encourage Owners, Engineers and Consultants of North Karnataka, irrespective of the magnitude of their work. The Jury Committee consisted of Eminent Engineers, Architects and People from Construction Industries and Academicians of Karnataka. This year the Award Ceremony was conducted in two places on 23<sup>rd</sup> January 2016 at Belagavi and on 30<sup>th</sup> January 2016 at Raichur. The Awards have played a major role in creating awareness of using good quality concrete in construction.

### Function at Belagavi on 23<sup>rd</sup> January, 2016.

Dr.H.Maheshappa, Vice-Chancellor, Visvesvaraya Technological University, Belagavi was the Chief Guest and inaugurated the function at Belagavi. Dr.V.Ramachandra, Zonal Head (S), UltraTech Cement, Bengaluru presided over the function. Prof. Arvind Galagali, Chairman, ICI-HUDC welcomed the gathering. He briefed about the activities of ICI and ICI-Hubli-Dharwad Centre and also explained about the ICI-UltraTech Awards 2015. Er. A. H. Annigeri, Eminent Engineer of North Karnataka was felicitated for his great contribution to Civil Engineering field.

Er. Vijay Totiger, Secretary, ICI-HUDC proposed vote of thanks.



*Dignitaries Lighting the Lamp*







Felicitation to Eminent Engineer



Felicitation to Er. A.H. Annigeri

### Function at Raichur on 30<sup>th</sup> January, 2016.

Dr. Manamohan R Kalgai, President, ICI inaugurated the function at Raichur by lighting the Lamp. Dr. V. Ramachandra, Zonal Head (S), UltraTech Cement welcomed the gathering. Er. K. Jayasankar, VP (South), ICI, graced the occasion by his presence. Er. Vijay Totiger, Secretary, ICI-HUDC proposed vote of thanks.



Dignitaries Lighting the Lamp



Felicitation of Awardees at Raichur



Felicitation to Eminent Engineer Er. Basavaraj Gadwal

## ICI - PATIALA CENTRE

### Concrete Day - 2015:

Indian Concrete Institute Patiala Centre and UltraTech Cement Limited has organized Concrete day on 22<sup>nd</sup> Jan, 2016 at Hotel JW Marriott, Chandigarh.

Concrete Day function started with lighting of lamp by Shri. Dhanpat Singh, IAS, Chief Guest of the function and Addl. Chief Secretary, Government of Haryana, Dr. Manamohan Kalgai, Head, Technical Services, UltraTech Cement, Dr. Mahesh Kumar, Managing Director, HSRDC,

Shri. Shashi Gaggar, Vice-President, UltraTech Cement, Dr. S.P. Singh, Chairman ICI-Patiala Centre, Shri. Vinay Mathur, Vice-President and Shri. Sumat Gupta, Sr. General Manager, UltraTech Cement.

Dr. S.P. Singh welcomed all present in the function and shared the significance of Concrete Day and his vision of ICI-Patiala Centre for next two years. He also introduced members of new Executive Committee of the Centre.





Keynote speaker of the function Dr. M. R. Kalgal gave an interesting, informative & in-depth presentation on **“Earthquake Resistant Structures”**. He briefly explained how & why earthquake occurs. He spoke on guidelines to be followed for constructing earth-resisting structures. He emphasized on analysis of seismic intensity of area, type of structure and factor of safety to be considered.

After an interesting presentation by Dr. Manamohan R. Kalgal, a dance was performed by group of local artists giving a message on **“Build Beautiful”** concept of Ultratech Cement.



Er. Shashi Gaggar said that Concrete day celebration has become an Annual ritual for all and is the platform for concrete enthusiasts to learn and share thro technical presentations.



Dr. Mahesh Kumar, Chairman of Jury introduced all the Members of Jury, who had put in their efforts for the selection of the Awardees.



***The Awards were presented in the following category:***

Best Structure Award 2015 in Institutional category

Best Structure Award 2015 in Office Building category

Best Structure Award 2015 in Residential Building category

Dream Home Award 2015 in Punjab

Dream Home Award 2015 in Chandigarh

Outstanding Concrete Technologist 2015

Young Concrete Engineer Award 2015

Best M-tech Thesis Award 2015



PHOTO GALLERY



Sh. Dhanpat Singh appreciated the initiative taken by ICI- Patiala Centre & UltraTech Cement for organizing such educational & informative technical seminars. He emphasized that engineers should work on smart city concepts for making Chandigarh city as one of the best in world. Concrete is nowadays an essential part of our life from birth to graveyard, so quality improvement is one of the key area to work, he added.



ICI - GOA CENTRE

National Seminar:

ICI-Goa Centre organised a two-day National Seminar on “Latest Innovations in Concrete” at the Ravindra Bhavan, Margao on 5<sup>th</sup> & 6<sup>th</sup> of February 2016. The Seminar received an overwhelming response with the presence of more than 175 Delegates. The Seminar was inaugurated by President, ICI, Dr. Manamohan R. Kalgal.

Er. Chandrashekhar Prabhudessai, Chairman, ICI Goa Centre, in his welcome address thanked all who helped him to organise the Seminar and called upon fellow Goan Engineers and other professionals to join ICI, to make it a bigger and better Centre.



He also spoke on the future activities of the Centre. Dr. Manamohan R. Kalgal delivered the Keynote Address on “The Latest Innovations in Concrete”.

The Speakers included Dr. Sunitha K. Nayar (IIT Chennai), Dr. D. D. Sarode (Institute of Chemical Technology, Mumbai), Dr. N. P. Rajamane (Head, Centre for Advanced Concrete Research), Prof. (Major) Mukund Apte, Dr. Radhakrishna Pillai (IIT-Chennai), Er. Sunny Surlekar (Head, MC-Bauchmie) and Er. Pradeep Garg (Superintending Engineer, CPWD). The topics covered at the Seminar included Special Concretes, Bacterial Concrete, Chemical and Mineral Admixtures for Durable Concrete, Fibre Reinforced Concrete in Pavements, Particle Packing Concept in Concrete Mix Design, Durable and High Performance Concrete Structures, freshly Ground Lime as a Replacement for Cement, Eco-Friendly Geopolymer Concrete using Industrial Waste, Pervious Concrete and Self-Compacting Concrete.

PHOTO GALLERY







The first day of the Seminar was followed by the ICI-UltraTech Awards Nite 2015 at Metropole, Margao. Dr. Manamohan Kalgat presided over the function along with Er. R.Radhakrishnan, Secretary General, ICI and Dr. V. Ramachandra, Vice-President, UltraTech Cement as Guest of Honour. The Chief Guest for the function, Er. Vivek Naik, President-Elect, ICI, delivered the Keynote Address on “An Innovative Technique of Bridge Rehabilitation”. Er. Madhav Kamat (Madhav Kamat & Associates, Vasco) was presented the Outstanding Concrete Engineer Award for his contribution to Goan concrete Industry (In Design/Construction) for more



than 25 years. The winners in the other categories were: Bridge constructed across Assolna and Cavelossim by PWD, Goa (Outstanding Concrete Structure of Goa-Infrastructure Category), Planet Hollywood Hotel, Utorda-Goa (Outstanding Concrete Structure of Goa - Building Category), Residential House of Mr. Grayson Serrao (Outstanding Concrete Structure of Goa Well-Built Residential Villa).

The Seminar was restricted to half-day on 6<sup>th</sup> February 2016 allowing the Delegates, especially those from outside Goa to participate in the carnival festivities. The seminar was considered a success and appreciated by all.



### CONGRATULATIONS !!!



Mr. H. Viswanatha Rao, Chairman, Standard Build Infrastructure Ltd., Member, ICI (LM: 40) received “BHARAT RATHNA SIR M. VISVESVARAYA MEMORIAL AWARD 2015” from BAI, Karnataka State Centre in appreciation and recognition of his excellent services for Civil Engineering Design, Construction and Management on 4<sup>th</sup> Nov 2015.

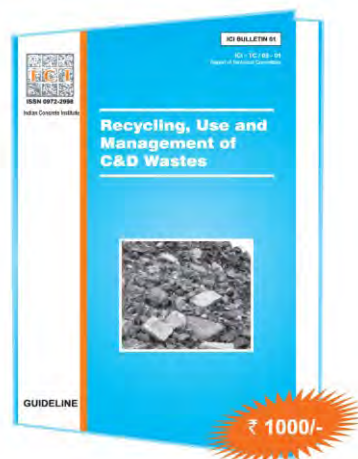
ICI congratulates him.

## ICI PUBLICATIONS FOR SALE

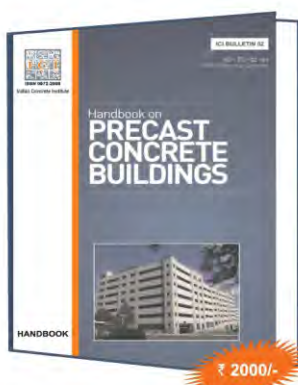
### Guidelines on Recycling, Use and Management of C&D Wastes

#### The contents are:

1. Introduction
2. Amount & Composition of C&D Wastes in India
3. Policy, Guidelines and Rules
4. Recycling of C&D Wastes
5. Demolition and Recycling Equipments
6. Innovative Steps to Reduce Wastes
7. Use of Recycled Aggregate
8. Uses in Road Sector
9. Recycling and Use of Other Waste Materials
10. Promotional and Confidence - Building Measures



### Handbook on Precast Concrete Buildings



#### The contents are:

1. Precast Concrete in Buildings and Urban Infrastructure
2. Precast Concrete Building Systems – An Overview
3. Foundation and Underground Structures
4. Structural Analysis and Design
5. Prestressed Precast Concrete
6. Seismic Design of Precast Structures
7. Materials and Properties
8. Materials and Products
9. Joints and Connections in Precast Buildings
10. Production, Handling and Erection of Precast Elements
11. Quality Control and Assurance in Precast Products
12. Contracts and Taxation
13. Information Technology in Precast Construction
14. Case Study on Precast Building Using Precast Hollow Core Slab System
15. Case Study on Precast Parking Garage (Multi Level Vehicular Parking)

**Bank Details :** Deposit the amount in any of the local ICICI bank branch into our ICI savings Bank A/c. No.000101208599 (NEFT/RTGS CODE: ICIC0000001) in the name of "Indian Concrete Institute" or send us Cheque or DD in favour of "Indian Concrete Institute", payable at Chennai. (Cheques subject to realization)

ICI members are eligible for 20% discount on furnishing Membership Number. Postage extra.

Please write to Head Quarters for your requirements.

## E-learning Course

Only for ICI Members...

#### Visit [www.indianconcreteinstitute.org](http://www.indianconcreteinstitute.org)

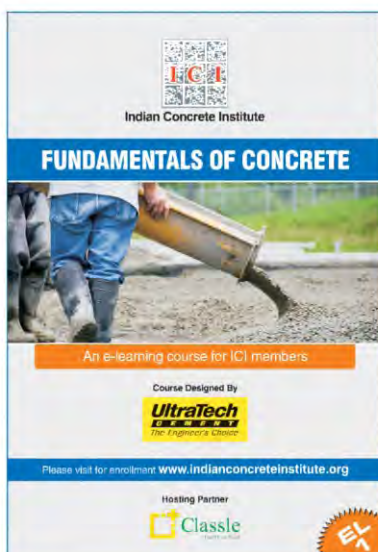
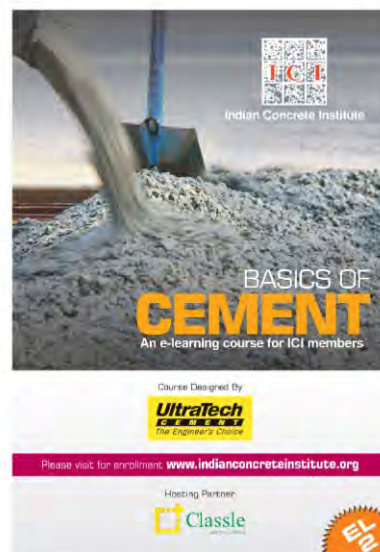
Click on e-learning menu >>> login using your registered e-mail id as User Name and Mobile Number as password.

Select "Go to Course" → "Modules" → "Select Name of the Course" → "Pretest" and thereafter Chapters. At the end of all chapters you have to undergo the Post Test.

On successful completion of the Course, the participant will be awarded with Certificate on the merit basis.

Several members have already registered and some of them have successfully completed.

Wish you all happy e-learning !!!



Email: [ici4@airtelmail.in](mailto:ici4@airtelmail.in)  
Phone: 044-24912602

**R. Radhakrishnan**  
Secretary General





## JAIN UNIVERSITY

### Inauguration of Students Chapter:

Department of Civil Engineering, Building Science and Technology, Jain University inaugurated ICI-Students Chapter in the college premises on 14<sup>th</sup> October 2015 on the eve of Birth Anniversary of Great Visionary late Dr. A.P.J. Abdul Kalam. Chief Guest of the function was Dr. M.U. Aswath, Chairman, ICI-Bengaluru Centre. Dr. Om Prakash Bhavane,

Principal, RV College of Architecture and Dr. Rama Subramanian, Prof & HoD, Department of Architecture, Dayananda Sagar University were the Guest of Honour. ICI Student Membership Certificates were distributed to the Student Members during the inauguration. The programme ended with vote of thanks.



## SRI VENKATESHWARA COLLEGE OF ENGINEERING (SVCE) - BENGALURU

### Inauguration of ICI-Students Chapter:

Sri Venkateshwara College of Engineering (SVCE) inaugurated ICI-Students Chapter on 20<sup>th</sup> October 2015 with the total of 104 students and 4 faculty members.

A Technical Quiz was organized as part of the inauguration to all the ICI student members on 14<sup>th</sup> October.

The Chief Guest for the inauguration was Dr. M.U. Aswath, Chairman, ICI-Bengaluru Centre and the Guest of Honour was Mr. Kaushik Hajra, Secretary, ICI-Bengaluru Centre.

The inauguration was in the presence of Dr. Prabhakar Reddy, Principal, SVCE. The Chief Guest was welcomed by the Principal and the Guest of Honour by HOD, Dr. C.G. Hemamalini. Principal addressed the students congratulating them for getting

membership in ICI and encouraging them to participate in many such activities in the future. Later, membership certificates were distributed to the student members.

Dr. M.U. Aswath delivered a lecture on "Industry-Institute Interaction and Future Civil Engineers". He also, explained about the benefits of being a student member of ICI.

The winners of the Quiz Programme were awarded with cash prizes and certificates by Dr. M.U. Aswath

Mementos were given to Dr. M.U. Aswath and Mr. Kaushik Hajra as a token of gratitude for their guidance and presence for the inaugural function.

Vote of thanks was delivered by the ICI coordinator.



## **EBET GROUP OF INSTITUTIONS, KANGEYAM**

### **1. Engineers Day:**

Engineers day was celebrated on 15<sup>th</sup> September 2015 under the banner of ICI students chapter. The function started with the welcome address by C.J Santhosh, 3<sup>rd</sup> year, civil student, Joint Secretary, Students Chapter of ICI. The Chief Guests of the function were Prof. Dr .G. Ramasamy, Department of Civil Engineering and Dr. S. Gopala Krishnan, HoD, Civil Engineering. The Associate Professors, Mr.G.Srinivasan, M.K. Thirumalai Raja and Dr.K.Loganathan also shared the dais. P.Soundarya & P.Mounish of third year and V. Indhumathi of final year spoke about Er. M. Vishveshwaraya. R.Kishore of final year civil spoke about the historical monuments of TAMILIAN architecture. Then, motivational speech was given by Prof. Dr .G. Ramasamy. Dr.S.Gopala Krishnan, HoD, spoke about the

importance of time management and he gave real time examples from the life of Mr.M.Vishveshwaraya, who was a legend in the field of civil engineering. Prizes were announced for the CON Quiz competition, which was organised by the PG students, as part of Engineers Day celebration. M.Balakumaran of final year civil proposed vote of thanks.





## 2. MoU Signing ceremony:



ICI-Students Chapter along with ACE organized a function at Dheeran Chinnamalai Hall in EBET College, Kangayam on 12<sup>th</sup> January 2016. The function was MoU Signing ceremony with "Trimble Buildings, SAARC" and Inauguration of "EBETi-Tekla Education Centre of Excellence" in Civil Engineering Department. The Chief Guest was Mr.Mithra

Barun Dutta, Business Development Manager, Trimble Buildings, SAARC. Dr.G.Ramasamy gave welcome address followed by that Dr.P.Govindasamy gave a presidential address and talked about the software and the training given to the EBETi students and also told about the MOU signing ceremony quoting how it is going to help students in their career. Mr. Mithra Barun Dutta gave presentation about the Tekla Software and explained how it works, its uses, advantages and applications in construction. He also showed videos related to Tekla software. The session was interactive. Finally, Dr.P.Somasundaram, Head of Mechanical Department, thanked everyone.



## NANDHA ENGINEERING COLLEGE (AUTONOMOUS), ERODE

### 1. Hands-on-Training on Total Station:

The ICI Student's Chapter and Department of Civil Engineering of Nandha Engineering College (ICI-NEC) arranged Hands-on-Training on Total Station for Civil Engineering Department Faculty Members on 28<sup>th</sup> November 2015. The training was carried out by Er. K. Ramachandran from

Digital Surveying, Coimbatore. The basic feature of the instrument and the initial adjustments were taught.



### 2. Technical Lecture on Applied Mechanics:

The ICI-NEC students chapter organized a Technical Lecture on Applied Mechanics on 05<sup>th</sup> December 2015. Dr. R. Kumaravel, HoD, Velalar College of Engg. & Tech., Thindal spoke to the 1st Year Civil Engineering students and interacted with the students. He

gave the concept of Applied Mechanics on each topic in their syllabus and problem solving techniques. He also taught the students an easy alternative method for solving the problems. Students were immensely benefitted out of the lecture.



## NIT CALICUT

### Inauguration of Students Chapter:

ICI - NIT Calicut students' chapter was inaugurated on 12<sup>th</sup> November 2015 at NIT Calicut. Chief Guest Er. M.A. Joseph, Vice-Chairman, ICI Kochi-Centre inaugurated the function. Er. Sajith Bhaskar, Secretary, ICI Calicut Centre gave a brief introduction about the objectives and activities of ICI. Dr. N.Ganeshan, Professor, NIT Calicut gave a lecture on "Ferro Cement and its Application in Construction Industries". Dr. P.V Indira, Professor, NIT Calicut graced the occasion.



Er. M A Joseph



Dr. N.Ganeshan

A quiz competition was also conducted as part of the inaugural ceremony under the guidance of Er. M.A. Joseph. Four rounds comprising of diverse questions from the materials, design & structures and perspective of civil engineering enlightened the enthusiastic gathering. Hitha Zacharia and Nirupama Iyer of S7 bagged the first prize. Christine Varghese and Akshay K of S5 secured the second prize. Prizes for the audience ensured the active participation of every one.



Quiz competition

## ALIGARH MUSLIM UNIVERSITY - ALIIGARH

### ICI - Inauguration of Students Chapter:

The Aligarh Muslim University (AMU)-Indian Concrete Institute Students Chapter was inaugurated on February 13<sup>th</sup>, 2016 in the Department of Civil Engineering, AMU. Prof. Shamim Ahmad, Former Vice-Chancellor, AMU, Prof. Mumtaz Ahmad Khan, Dean, Faculty of Engineering and Technology, Dr. Rajeev Goel, Principal Scientist, Bridges and Structures Division, Central Road Research Institute, New Delhi and Vice-President (North), ICI, Er. P. C. Sharma, Former Head Materials Division, Structural

Engg. Research Centre, Ghaziabad and Former Chairman of ICI-Ghaziabad Centre, Er. A. K. Sharma, Former Director General, CPWD, New Delhi and Chairman of ICI-Ghaziabad Centre were present on the occasion. The programme was attended by a large number of faculty members and students.

Prof. Shamim Ahmad lauded the efforts of the Department of Civil Engineering and ICI-Ghaziabad Centre in establishing ICI Students Chapter. He advised the faculty





members and the students to take full advantage of the patronage of the industry experts in sharpening their technical and professional skills.

Prof. Mumtaz Ahmad Khan shared his views on the changing technological scenario and advised the future technologists to be ready to face the challenges that lie ahead. Dr. Rajeev Goel in his address appreciated the efforts of the Department and urged the students and faculty members to actively participate in the various activities of the Indian Concrete Institute and various Student Chapters spread across the region. Er. P. C. Sharma highlighted the role of professional bodies in the training of future engineers. He talked about the contributions of the ICI in the Concrete Construction Practices and Technologies. He delivered technical talk on, "Use of Ferrocement in the Repair and Rehabilitation of Structures". Er. A. K. Sharma stressed upon enhanced Industry-Institute interaction and the role of Indian Concrete Institute in bridging this gap.

He assured of best possible support from the Centre to the AMU Students Chapter. Prof. Mohammed Arif, Chairman, Department of Civil Engineering while welcoming the Guests said that Indian Concrete Institute is nationally acclaimed professional organization in the field of concrete construction technology and practices and also outlined the importance of the ICI Students Chapter. Dr. Mohd. Shariq, Coordinator, AMU, ICI-Students Chapter, proposed vote of thanks. Mr. Mohammed Bilal and Mr. Shahbaz Ahmad conducted the programme.



## M. KUMARASAMY COLLEGE OF ENGINEERING (MCE) - KARUR

### 1. Workshop:

ICI-Students Chapter in association with UltraTech Cement Ltd., organized a workshop on Concrete Mix Proportioning on 18<sup>th</sup> & 19<sup>th</sup> December 2015 in the College Campus. Er.K.Venkataraman, Asst. General Manager, Technical Services, UltraTech Cement Ltd., Er.N.Sanjai Kumar, Senior Manager, Technical Services, UltraTech Cement Ltd., graced the occasion as Chief Guests. Inaugural function of the Workshop was presided over by Principal, Dr.V.Kavitha, who stressed the importance of Industry - Institute interaction for the betterment of students and the steps to be taken by the young minds to improve their knowledge. Chief Guest Er.K.Venkataraman explained the importance of concrete mix proportioning and also advised

the students to make the best use of the Workshop. Dr.T.Karthikeyan, Dean, delivered motivational speech for students. 50 students of civil department actively took part in the Workshop.

First session of the workshop was handled by Er.K.Venkataraman, who explained the concept of concrete mix proportioning with videos and real life examples which helped the students to understand the concepts very clearly. Students also learned to derive mix proportioning for different grade of concrete. Second session was on basic testing of coarse aggregate and fine aggregate.

Second day of the workshop was handled by Er.K.Venkataraman, Er.N.Sanjai Kumar, and



Er.B.Ashok. Student's underwent practical training in preparing trial mixes for different grade of concrete in concrete laboratory. Students were split into five batches to do slump test and Cast cubes for their designed mix, to be tested on 7<sup>th</sup>, 14<sup>th</sup>, and 28<sup>th</sup> day respectively. The Valedictory Function was



*Dr. T. Karthikeyan issuing certificates to the student*

graced by Dr.T.Karthikeyan who thanked the Chief Guest and urged the department to conduct similar kind of events which will enrich the student's knowledge in applications of concrete. Certificates were distributed to the Participants by the Chief Guest.



*Dr. T. Karthikeyan honouring Er. Sanjai Kumar*

## 2. Pre-Employment Training:



ICI Students Chapter in association with UltraTech Cement Ltd., organized Pre-Employment Training Programme between 28<sup>th</sup> & 30<sup>th</sup> of January 2016 in the college premises for the final year Civil Engineering Students. Er.K.Venkataraman, Assttiant General Manager, Technical Services, UltraTech Cement Ltd., Er.N.Sanjai Kumar, Senior Manager, Technical Services, UltraTech Cement Ltd., graced the function as Chief Guests. Inaugural function of the Workshop was presided over by Dr.T.Karthikeyan, Dean, MCE. The importance of Industry-Institute interaction was stressed by Prof.P.Mahadevan HOD/Civil in his special address. The programme started

with the launch of the Department Newsletter Vol. I - Issue II by the Guests.

The First session of day one was delivered by Er.K.Venkataraman. The session gave students a quick overview into the concept of Green Building and its energy efficiency. The roles and responsibility of Civil Engineers in this domain was also highlighted. This was followed by the second session on the Construction Sequence of the building by Er.N.Sanjai Kumar.

Second day of the training was headed by Er.K.Venkataraman, Er.N.Sanjai Kumar, and Er. B. Ashok. Final year students were split into six batches and each batch was accompanied by an Engineer from UltraTech and the faculty members from the Institution, students visited many construction sites in and around Karur. The site visit enabled the students to bridge the gap between the theory and practices in the field of construction.

The third day started with the presentation of the students about the site they visited. Faculty members along with Mr.B.Ashok





evaluated the students. This session assessed the learning, understanding and delivering ability of the student out of their field visit.

The Valedictory Function was graced by Dr.T.Karthikeyan who expressed his gratitude to ICI and UltraTech Cement Ltd., in organizing such a focussed event for the

upcoming civil engineers. The students who made the best presentation were awarded with Shield and Certificates. Certificates were distributed to all the Participants by the Chief Guests. The function was well coordinated by R.Vijayan, HOD, B.Saranya, AP & M.Kanitha, AP.



## N.S.N COLLEGE OF ENGINEERING AND TECHNOLOGY-KARUR

### Training Programme:

N.S.N. College of Engineering and Technology in association with Indian Concrete Institute is organizing a programme NSN-FACE (Finishing Academy for Civil Engineers) for final year Civil Engineering students between 23<sup>th</sup> November 2015 and 27<sup>th</sup> November 2015. Er.Mohan, Managing Director, Reliable Engineers and Associates, Karur guided the students during the programme. The main objective of this programme is to bring Industry-Institutional relationship together and stressed the students to gain engineering experience in industry. This programme

provides an excellent blend of Civil and Construction Engineering fundamentals combined with the practical skills essential to begin effective professional practice immediately on graduation.



### 1. Intradepartmental Symposium- II:

On February 5<sup>th</sup> 2016, ICI Students Chapter of NSNCET organised Intra Departmental Symposium II for this academic year. Er. A.Ramasamy, Managing Director, Sriram Associates, Karur, Er.Vairam Karunanidhi, Managing Director, Rank-A-Construction, Karur graced the function with their presence.

In the day of occasion, Technical Paper Presentation was organized related to recent trends and challenges in Civil Engineering

oriented projects. Students presented their papers on the topics such as Automation in Construction Industry, Futuristic Architecture, Real-Time Energy Monitoring, Modern Construction Materials, Sustainable Building Technology, Application of Infrared Thermography in Concrete Engineering etc., Finally, winning students were awarded by the Dignitaries.



2. Industrial Visit to SERC:

ICI Students Chapter members of N.S.N College of Engineering and Technology visited Structural Engineering Research Centre (SERC), Chennai, to learn about the research activities happening at the Centre.



The students were guided by the N.G.Bhagavan, Senior Principal Scientist. Students visited Advanced Material Lab, Advanced Seismic Testing and Research Lab, Wind Energy Lab, Fatigue, Research Lab and learnt about various Tests.



3. Visit to IIT Library:



A Visit to IIT Library was arranged for third year Civil Engineering students of N.S.N College of Engineering and Technology on 29<sup>th</sup> January, 2016. Dr.K.Saravanan, Assistant Librarian In-charge, Central Library, Indian Institute of Technology (IIT) Madras, Chennai guided the students. Students were advised to make use of the Library to gain knowledge on the advancement in the Civil Engineering. At the end of the visit, students had interaction with Dr. K. Saravanan.

4. Site Visit - Chennai:

ICI Students Chapter members of NSNCET visited Eversendai Construction Pvt.Ltd., Chennai on 30<sup>th</sup> January of 2016. 56 Students took part along with four faculty members. Er.S.Murali, Manager, Sales and Marketing guided the students during the visit. The visit enlightened the students on various practical aspects in construction at site and enabled them to correlate what they studied in the classroom with that of the real time practice in the field.







## SONA COLLEGE OF TECHNOLOGY - SALEM

### National-Level Workshop (PRECON'16):

Department of Civil Engineering, Sona College of Technology has conducted one-day National level Workshop on Precast Concrete Construction Challenges and Opportunities (PRECON'16) on 2<sup>nd</sup> March, 2016 in association with Indian Concrete Institute (ICI) and UltraTech Cement Ltd. The Programme was inaugurated by lightening kuthuvilakku by the Dignitaries. Er.K.Venkatraman welcomed the Speakers and gave an introductory note on the Workshop. The first session was given by Er.L.H.Chandra Shekar on "Benefits of Building Information Modeling (BIM) in Precast Structures". The next session was given by Er.P.Surya Prakash, Sathyavani Projects and Consultants Pvt. Ltd., on "Entrepreneurship Opportunities in Precast Construction". He explored the opportunities for entrepreneurs in Precast Construction Industry. He emphasized the students about

Time, Quality Assurance and Cost. These are the three mantras for a successful entrepreneur in any field, he added. He highlighted the advantages of Precast Technology by the cost analysis of conventional and Precast methods. He shared the experiences about the projects that he has worked. While concluding his lecture, he said Prime Minister Narendra Modi's 2022 dream will become possible only by adapting this technology. Er.Ravichandran, Teemage Precast In shared about the projects successfully completed by Teemage by a video presentation and Er.Gowtham gave a lecture on different types of connections in Precast Construction. Er. Sridhnan Rao talked about the benefits of adapting Precast Technology for mass construction. The final video presentation was made by UltraTech about various products developed by them.



*Dignitaries on the Dais*



## AMRITA SCHOOL OF ENGINEERING, COIMBATORE

### Inauguration of ICI Students Chapter:



The Department of Civil Engineering of Amrita School of Engineering, Coimbatore organized the inauguration ceremony of Indian Concrete Institute (ICI) Students Chapter on February

8<sup>th</sup>, 2016 in the college premises.

The purpose of this students chapter is primarily to create an opportunity for the students to interact with the practicing professionals there by keeping abreast of the latest developments in this area. Moreover, ICI Students chapter will enable to conduct various Training Programmes, Workshops and Site Visits with the strong support of practicing professionals. A Total of 85



students from both UG and PG courses have become members of this chapter.

Er.R.Radhakrishnan, Secretary General, Indian Concrete Institute and Er.K.Jayasankar, Assistant Vice President, Technical Services, UltraTech Cement Pvt,Ltd., and also Vice-President (S), ICI, graced the occasion by their presence. The program started with prayer song. All the Dignitaries were given a floral welcome by the student body.

Dr.K.M.Mini, Head of the Department addressed the gathering and declared the installation of ICI-Students Chapter in Amrita School of Engineering, Coimbatore. The Student Office Bearers of the ICI Students Chapter -2016 were elected and installed at the hands of Chief Guests.

P.M.Thanu Suthan of Final Year, B.Tech Civil Engineering was elected as Secretary and

S.Sandeep of Third Year, B.Tech Civil Engineering was nominated as Vice-President of ICI-Students Chapter of the Institute. An additional seven member committee comprising of students was formed for smooth functioning of the Students Chapter. The Office bearers were officially introduced to the Chairman, ICI-Students Chapter of the Institute. Er. R.Radhakrishnan distributed the Certificates to the student members. Then he briefed the students about the benefits of this Chapter and explained various ICI programme conducted throughout the year.

There was a Guest Lecture on the topic, "Challenges in Making Durable Concrete", by Er.Jayasankar, which was well appreciated and enjoyed by the students.

The inaugural function concluded with vote of thanks by P.M.Thanu Suthan.



*Welcome Address by Dr. K.M. Mini*



*Welcome Gift to Er. R. Radhakrishnan*



*Students Office Bearers*



*Distribution of Certificates by Er. R. Radhakrishnan*



*Er.K.Jayasankar's Guest Lecture*



*Vote of Thanks by P.M.Thanu Suthan*





Sl.No.	M.No	Centre	Name	Place
A. Individual Life Members				
1	11422	Ahmedabad	Tejaskumar Dilipbhai Suthar	Ahmedabad
2	11423		Yogesh Ramanbhai Patel	Ahmedabad
3	11536		Vatsal Mahendra Shukla	Ahmedabad
4	11543		Jayesh M. Dharva	Ahmedabad
5	11559		Sandeep Mathur	Ahmedabad
6	11560	Allahabad	Abhishek Kumar Jaiswal	Allahabad
7	11424	Amravati	Vaibhav Ramkrishna Dhawale	Amravati
8	11425		Syed Sabihuddin	Amravati
9	11442		Rameshwar S. Ingalkar	Amravati
10	11443		Vakas Kabir Rahman	Amravati
11	11444		Ankit Gajananrao Kale	Amravati
12	11445		Ashish Bapurao Ugale	Amravati
13	11446		Atmaram Pandurang Dange	Amravati
14	11447		Milind V. Mohod	Amravati
15	11448		Amar Suryakant Deshmukh	Amravati
16	11449		Sagar Prakashrao Bute	Amravati
17	11450		Mayur Ambadaspant Banarase	Amravati
18	11451		Shrikant Madhav Harle	Amravati
19	11452		Sanju Sampatsa Vinchurkar	Amravati
20	11473		Dipak Ramraoji Bhelkar	Amravati
21	11474		Rajesh Amlani	Amravati
22	11479		Shailesh S Agrawal	Akola
23	11487		Manoj Shyamlal Khatri	Amravati
24	11488		Nitin Vitthalrao Bhatkar	Amravati
25	11489		Rahul Subhashrao Tayade	Amravati
26	11490		Hiral Dilip Adhiya	Amravati
27	11491		Ahuja Manojkumar Ladharam	Amravati
28	11492		Malsure Ramesh Sukhadeorao	Amravati
29	11499		Sanjay Ganraj Adhau	Amravati
30	11500		Pravin Ajabrao Wankhade	Amravati
31	11501		Hiralal Govindrao Iche	Amravati
32	11502		Nilkanth Deorao Dudhe	Amravati
33	11503		Hemant Yadaorao Mohod	Amravati
34	11504		Tejas Ravindra Wankhade	Amravati
35	11505		Nitin Parasmal Kataria	Amravati
36	11506		Vikram K. Shadi	Amravati
37	11507		Gaurav Devidas Dhadse	Amravati
38	11508		Kapil Prabhakar Nanote	Amravati
39	11509		Suresh Laxmanrao Umak	Amravati
40	11520		Manish Trimbakrao Deshmukh	Amravati
41	11530		Anant Ishwarrao Dhatrak	Amravati
42	11531		Meena Jagannath Khonde	Amravati
43	11549		Pankaj Rangrao Mali	Akola
44	11426	Bengaluru	Geetha Kumari C	Bengaluru



Sl.No.	M.No	Centre	Name	Place
A. Individual Life Members				
45	11435		Harisha Bhat	Bengaluru
46	11436		Arun Ts	Dakshina Kannada
47	11439		Thakur Prabhat Singh	Bengaluru
48	11440		Jagadish J S	Chikkabyaladakere
49	11456		Sanjay A. Almelkar	Bengaluru
50	11463		Ajaay Srinivaas	Bengaluru
51	11470		Avinash J	Bengaluru
52	11475		Gopalakrishna E	Bengaluru
53	11539		Ramachandra K	Bengaluru
54	11546		Pradeep H R	Bengaluru
55	11547		Dinesh V P	Bengaluru
56	11552		Raghu Annaiah	Bengaluru
57	11553		Madhu H V	Bengaluru
58	11555		Mallikarjun Nuvusetty	Bengaluru
59	11558		K.n. Vishwanata	Bengaluru
60	11566		Ananda Theertha	Bengaluru
61	11572		Col Ramachandran Kumar	Bengaluru
62	11575		Nagaraj V.k	Bengaluru
63	11585		Pushpalatha R. Gadag	Bellari
64	11586		Shobha M.s	Bellari
65	11587		Pargi Prasad	Bengaluru
66	11588		Krishnaji V. Kulkarni	Bengaluru
67	11589		Chandrakanth Das B	Bengaluru
68	11590		Laxmi Prakash M.k	Bengaluru
69	11591		Adanagouda	Bellari
70	11603		Dayalan J	Bengaluru
71	11597	Bhubaneswar	Tapas Sahoo	Cuttack
72	11537	Calicut	Suresh N.k	Kannur
73	11416	Chattisgarh	Akhilesh Ghritlahare	Raipur
74	11433	Chennai	Harini A	Mettupalayam
75	11457		Sekar S	Chennai
76	11459		Nandita Gettu	Chennai
77	11497		Abhijith Jayasankar	Chennai
78	11527		Santhakumar S	Kulithalai
79	11528		Mohan V	Trichy
80	11529		Nagarajan P	Trichy
81	11551		Mohan Ramanathan	Chennai
82	11573		Ayyanar K	Chennai
83	11577		Srinivasan K	Vellore
84	11592		Neeraja D	Vellore
85	11594		Hareesh M	Vellore
86	11595		Sairam V	Vellore
87	11596		Umasankar N	Chennai
88	11601		Sreenivasa Rao Atluri	Chennai





Sl.No.	M.No	Centre	Name	Place
A. Individual Life Members				
89	11609	Coimbatore	Krishnasamy R	Perambalur
90	11533		Shanmugasundaram	Coimbatore
91	11544		Gnana Venkatesh	Erode
92	11565		Rajakumar C	Coimbatore
93	11567		Vennila A	Coimbatore
94	11568		Venkata Subramani R	Coimbatore
95	11570		Mini K.m	Coimbatore
96	11571		Dhanya Sathyan	Coimbatore
97	11582		Gnanavel Murugan	Coimbatore
98	11593		Kamaraj B	Coimbatore
99	11602		Deepa Shri S	Coimbatore
100	11610	Delhi	Vipin Chaudhary	New Delhi
101	11429	Ghaziabad	Sunil Kumar Srivastava	Ghaziabad
102	11431		Anil Kumar Verma	Noida
103	11441		Asif Muhammed N	Noida
104	11454		Subhramani Khadanga	Noida
105	11526		Manju Minhas	Noida
106	11540		Anvesh Kumar Singh	Kanpur
107	11562		Vishnuvardhan Reddy A	Noida
108	11464	Goa	Swaroop G. Sail	Faterda
109	11465		Neena S. Panandikar	Margao
110	11466		Manoj Pai Dukle	Salcette
111	11467		Datta Kare	Margao
112	11468		Magdum Ashok Baburao	Ponda
113	11469		Manasi Suresh Mungi	Ponda
114	11482		Abhijeet Salkar	Vasco Da Gama
115	11483		Padmaja A. Salkar	Vasco Da Gama
116	11484		Satyesh A.s. Kakodkar	Churchorem
117	11485		Shruti Desai	Margao
118	11486	Hubli Dharwad	Austin Socorro Rodrigues	Panaji - Ribandar
119	11524		Umesha J	Panaji
120	11538		Avadhesh Kumar Singh Bhadauria	Ponda
121	11394		Rajkuvar . K. Mohite	Hubli
122	11480		Rajshekhar B Math	Bidar
123	11481		Raju Karbari	Bidar
124	11605		Adarsh A Gupta	Hubli
125	11417	Hyderabad	Nalla. Laxmaiah	Karim Nagar
126	11427		Adepu Kashiram	Hyderabad
127	11428		Suda Vijaya Bhaskar Reddy	Pulivendla
128	11455		Chandrasekhar M	Hyderabad
129	11532		Bhosle Supriya	Hyderabad
130	11583		Sidam Gangaram	Hyderabad
131	11607		Emani Pavan Kumar	West Godavari
132	11402	Jaipur	Mayank Varshney	Jaipur



Sl.No.	M.No	Centre	Name	Place
A. Individual Life Members				
133	11462	Kochi	Suneet K. Dadheech	Jaipur
134	11478		Shailendra Prasad Singh	Udaipur
135	11405		Ranjan Abraham	Kothamangalam
136	11406		David Morais S	Ernakulam
137	11407		Rinu J. Achison	Angamaly
138	11408		Rahul A V	Angamaly
139	11409		Shaji Mathew	Ernakulam
140	11410		Ervin George	Rajakumary
141	11411		Venugopal G	Ernakulam
142	11412		Hashim P A	Kottayam
143	11413		Deepa Ganesh	Kochi
144	11414		Shreeganesh V. Nair	Kochi
145	11512		A.v.s. Chakravarti	Kochi
146	11513		George Joseph M	Ernakulam
147	11514		Joseph George M	Ernakulam
148	11515		Bindu Sunil	Ernakulam
149	11516		Anthony T.c	Kochi
150	11517		Verghese N.i	Thrissur
151	11518		Jainy Verghese	Thrissur
152	11519		Baiju Bhargavan	Kochi
153	11396	Kolkata	Subrata Pal	Kolkata
154	11397		Sunanda Mitra	Bardhaman
155	11398		Ram Chanda	Kolkata
156	11399		Mohadeb Dey	Howrah
157	11400		Kamal Kanti Majumder	Kolkata
158	11458		Pradip Saha	Barasat
159	11599		Dilip Kumar Dhar	Kolkata
160	11606		Kaustav Chatterjee	West Medinpur
161	11403	Madurai	Nandakumar N	Madurai
162	11404		Janarthanan T.s	Madurai
163	11432		Kasthuri M	Madurai
164	11434		Mahakavi P	Srivilliputtur
165	11548		Omkar K.k	Madurai
166	11563		Ramesh K	Madurai
167	11564		Sathiya Moorthy R	Madurai
168	11580		Jude A	Tirunelveli
169	11598		Gokulesh S	Madurai
170	11600		Saravanan P	Karaikudi
171	11438	Mangalore	Padmanabh Shenoy	Mangalore
172	11421	Mumbai	Ravindra Singh	Mumbai
173	11495		Surendra Madhao Tople	Mumbai
174	11535		Kumar Satyendra Narayan Singh	Aurangabad
175	11554		Silotri Suhel Ahmed	Mumbai
176	11569		Akash Singhai	Navi Mumbai





Sl.No.	M.No	Centre	Name	Place
A. Individual Life Members				
177	11576	Nagpur	Shailesh Sonar	Navi Mumbai
178	11510		Pratibha Uday Wankhede	Nagpur
179	11511		Shweta Salilkanti Banerjee	Nagpur
180	11521		Abhimaan Arunachala Hegde	Nagpur
181	11522		Bipin Kumar Singh	Nagpur
182	11523		Avinash M. Tarpe	Nagpur
183	11557	Patiala	Atul Janardhan Sakharkar	Nagpur
184	11471		Smita Anand	Gurgaon
185	11476		Bhuwnesh Sekhri	Gurgaon
186	11545		Ravindrakumar	Sonepat
187	11561	Puducherry	Sanjeev Batish	Panchkula
188	11415		Chandra Bose S	Vriddhachalam
189	11542		Pune	Pune
190	11581	Salem	Sanjaikumar N	Salem
191	11437	Thiruvananthapuram	Sahuji K.G	Thiruvananthapuram
192	11453		Jasmi J	Thiruvananthapuram
193	11472		Suresh Chandran	Thiruvananthapuram
194	11477		Blessen Skariah Thomas	Thiruvananthapuram
195	11496		Madhavan Praveen	Thiruvananthapuram
196	11541		Sathyakumar S	Thiruvananthapuram
197	11574		Jeenu G	Thiruvananthapuram
198	11578		Bindu S	Kollam
199	11579		Sirajuddin M	Ayoor
200	11460		Varanasi	Kamlesh Kumar Pandey
201	11461	Aman Sachan		Varanasi
202	11493	Amarnath Thakur		Ranchi
203	11494	Sudhir Kumar		Ranchi
204	11534	Visakhapatnam	Bala Ramudu Paramkusam	Varanasi
205	11608		Sanjay Kumar Singh	Lucknow
206	11395		Satish Alladaboinda	Kakinada
B. Organizational Annual Members				
207	11525	Chennai	Baashyaam Constructions Pvt. Ltd	Chennai
208	11418	Mumbai	Sunil Chemical Industries	Mumbai
C. Organizational Life Members				
209	11420	Bengaluru	Acs College Of Engineering	Bengaluru
210	11430	Chennai	Misrimal Navajee Munoth Jain Engineering College	Chennai
211	11556	Chennai	Vel Tech	Chennai
212	11401	Ghaziabad	College Of Engineering, Teerthanker Mahaveer University	Moradabad
213	11419	Ghaziabad	Pnc Infratech Limited	Agra
214	11550	Hyderabad	Teegala Krishna Reddy Engineering College	Hyderabad
215	11584	Kochi	Muthoot Institute Of Technology And Science	Ernakulam
216	11611	Kochi	Mar Baselios Christian College Of Engineering And Technology	Peermade
217	11604	Madurai	Velammal College Of Engineering And Technology	Madurai
218	11498	Nagpur	Prof Ram Meghe College Of Engineering And Management	Badnera

