



ICI UPDATE

An Electronic-Bulletin from the Indian Concrete Institute



From the President's Desk

Dear members of ICI,

It gives me immense pleasure in reaching you all through the e-bulletin "ICI-Update". This bulletin is designed to carry news on the events organized by various centres and students chapters across India. It gives us a glimpse of the wonderful activities carried out by the centres. I am sure that with all such vibrant centres and students chapters, every member of ICI is benefited by his/her association with ICI.

More than 213 students chapters have been enrolled as on date and many are on the anvil. I am pleased to see the increasing number of participation of the educational institutions that are creating a platform for ICI to reach a more focussed and wider target audience. Some of the students chapters are remarkably doing well and reaping the benefits. At this point of time, I have to appreciate the centres that are nurturing the students chapters. ICI is very keen in doing its part for the benefit of student members, because ICI looks at them as future Ambassadors of ICI. They are the runners to whom the baton of ICI will be forwarded.

As of now, ICI has 38 centres in major cities spread across the country. Student members, even after graduation, can continue their journey as regular

members by associating themselves to the centre, which is close to their place of work.

Keeping our students chapters in mind, our focal point is on "Education & Training". We have successfully started a short term certificate course on 'Concrete Technology'. This is a three day programme highlighting more on the field practices, to expose the participants on the latest technology and practices. Such programs aim at enhancing the employability of graduates passing out of the colleges.

Training the trainers is also in our agenda. We are working on a short term course on 'Advanced Concrete Technology' to be designed with the support of IITM, keeping the academics in mind. Technology is changing fast and our curriculum, which is revised once in a while, is not updated all the time. What is happening in the field and the research institutes needs to be taken up to the trainers, so that, they are updated on latest technology and practices.

Serious discussions are on for upgrading the ICI Journal and to make it an 'Indexed Journal'. This is the long standing demand from academics and research scholars. A committee is being formed to take necessary steps to take the ICI Journal to International Standards. For

this purpose, high level Editorial Board and Review Committee will be formed.

Preparatory work has begun on IWC-2018, the flagship event of ICI. Our Bengaluru Centre will be hosting this event somewhere in September 2018. This International event will bring in experts from several countries to discuss on 'Innovations in Concrete for meeting Infrastructure Challenge'. Members can look forward for this knowledge feast lasting for four days between 19th and 22nd of September 2018.

Several ICI Technical Committees are on the verge of submitting their documents. Handbooks on 'Admixtures', 'Waterproofing', 'Industrial Flooring' and 'Alternatives to River Sand' are likely to be brought out in the months to come.

I Wish You All an Eventful 2018 and will bring you more updates in the next issue of "ICI-Update".

Er. Vivek Naik

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Membership Fee

Effective from 1st April 2018 the fee structure for Individual Life Membership will be as follows:

1. Below 60 years Rs.9000 + 18% GST
2. Above 60 years Rs.5000 + 18% GST

R. Radhakrishnan
Secretary General

ICI Premium Quality Designer
'T' Shirts, Neck Tie, Rotating Key Ring & Lapel Pin available for sale

₹ 510/- (Grey shirt)
 ₹ 495/- (White shirt)
 ₹ 520/- (Dark shirt)
 ₹ 75/- (ICI Lapel Pin)
 ₹ 65/- (Rotating Key Ring)
 ₹ 449/- (Neck Tie)

For Your Requirements, Pl Contact :
ICI HQ at 044-24912602 Email : icip4@airtelmail.in * Postal Charges Extra



Certificate Course on 'Concrete Technology'

ICI HQ conducted a 3 days certificate course on 'concrete technology' at its newly formed 'Technology Centre' between 14th and 16th of December 2017.

The following subjects were covered in the three days programme ;

- Concrete Mix Design by Er.Sivakumar, Managing Director, ICOMAT
- Concrete Admixtures by Mr.Vijesh Lal, Manager- Projects & Specifications, Cera Chem Pvt. Ltd
- Fundamentals of Concrete by Dr.K.Balasubramanian, Managing Director, Hitech Concrete Solutions Chennai Pvt Ltd
- Special Concretes by Er.K.Pandian, Manager, QA & QC, UltraTech RMC
- Concrete Testing by Er.Sivakumar, Managing Director – ICOMAT
- Durability of Concrete by Prof.Manu Santhanam, Associate Professor, IIT Madras

- Reinforcement Detailing in Structural Elements by Dr.K.P.Jaya, Anna University
- Waterproofing by Er.Ravi Shhankkar Subramaniam, Sr.Manager, BASF
- Non-Destructive Testing of Concrete Structures by Dr.K.Balasubramanian, Managing Director, Hitech Concrete Solutions Chennai Pvt Ltd
- Repair and Rehabilitation by Dr.V.Rajendran, Director, Hitech Concrete Solutions Chennai Pvt Ltd
- Enhancing Excellence in Concrete Construction by Er.K.Jayasankar, Vice-President, UltraTech Cement Ltd

On the second day of the programme, participants were taken to an RMC Plant to understand the production of RMC. Participants had a very good interaction with the speakers and the feedback from the participants on the programme was very positive. Certificates were issued to all the participants.

The programme evoked very good response from academicians, practicing engineers, manufacturing companies and students.

Photo Gallery



Dr.V.Rajendran



Dr.K.P.Jaya



Er.Sivakumar



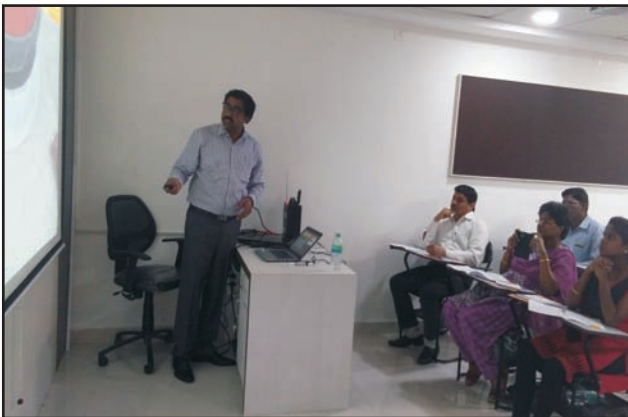
Er.K.Pandian



Prof.Manu Santhanam



Dr.K.Balasubramanian



Er.Ravi Shhankkar Subramaniam



Er.K.Jayasankar



Participants



Certificate distribution



Memento to Dr.K.Balasubramanian



RMC Plant Visit

AGM - 2017



President - Dr.Manamohan R.Kalgal, delivering Presidential Address



Prof.Mahesh Tandon delivering Dr.T.N.Subba Rao's Memorial Lecture



Er.Chetan R.Raikar delivering Dr.M.Ramaiah Memorial Lecture



Secretary General presenting the Annual Report

ANNUAL AWARDS - 2017

The following Annual Awards were Presented to the respective winners



Prof.Dr.PK.Aravindan - Life Time Achievement



Prof.M.S.Shetty - Life Time Achievement



Prof.S.K.Bhattacharya - Life Time Achievement



Er.R.K.Jain - Life Time Achievement



Dr.B.Sivarama Sarma
Outstanding Concrete Technologist



"Mahatma Mandir Project Phase 2B, Gandhi Nagar"
'Outstanding Concrete Structure - Under Building Segment'



"Seawoods Grand Central, Mumbai"
'Outstanding Concrete Structure - Under Infrastructure Segment'



"Western Dedicated Freight Corridor CTP 1 & 2"
'Outstanding Prestressed Concrete Structure'



"Delhi Metro Rail Corporation - CC87" - Dr.A.Ramakrishna Award for
"Best Project with Precast Concrete in India"



"Kakrapar Atomic Power Project-3&4"
for using high volume fly ash pre-stressed concrete in nuclear
reactor dome construction –
Innovative Application of Special Concretes



ICI-Bengaluru Centre – 'Best Performing Centre'



ICI-Raipur Centre – 'Best Emerging Centre'



Award for Best Paper Published in ICI Journal went to Dr.R.Malathy & Dr.M.Geetha.



Award for Best Paper on Construction Techniques published in ICI journal went to Prof.S.K.Kaushik, Prof.Prem Pal Bansal & Mr.Jatinder Malhotra.



"SRM University, Kattankulathur" – 'Best Students Chapter'



"Muthoot Institute of Technology & Science, Ernakulam" 'Best Emerging Students Chapter'



Appreciation Memento given to L&T Sponsor



Appreciation memento given to M/s.BASF Sponsor



Centres at Chennai and New Delhi - Appreciation Mementoes for having rendered their support to mobilize funds for the Technology Centre.



ICI-Puducherry Centre - Appreciation Memento for the exemplary service to make ICI known to remote areas in the Puducherry Region.



Appreciation Memento given to Nagpur Centre



Installation of New Governing Council

ICI-Bengaluru Centre

1. Concrete Day

Concrete Day and Construction Excellence Awards was celebrated in Bengaluru by Indian Concrete Institute-Bengaluru Centre in association with Ultratech Cement Ltd, on Monday, 09th October 2017 at Nimhans Convention Centre, Bengaluru.

More than 700 people from Construction Industry, Builders, Consulting Engineers, Architects, Academicians, Researchers, members of ICI, and students attended this mega event.

Er.M.Ravishankar, Chairman, ICI-BC welcomes the gathering and briefed about the program, Concrete Day awards Celebrations and about ICI activities.



Er.M.Ravishankar



Mohit Raina



Dr.Manamohan R Kalgal

Er.Girish H R, Member, Indian Concrete Institute introduced the guest speaker Dr.-Ing. Mohit Raina, Managing Director, Raina Industries Pvt. Ltd.

Dr. C.S. Viswanatha Memorial lecture on “Textile Reinforced Concrete – Innovated in Germany, Made in India” was delivered by Dr.-Ing Mohit Raina, which captured the attention of the audience.

Dr.Manamohan R Kalgal briefed about Indian concrete Institute past, present and forth coming events.

Presentation of Best Doctoral Thesis in Civil Engineering – 2017 was awarded to Er.Santhosh M Malkapur, Bengaluru for his work on “Studies on Performance Characteristics of Hydrogen Loaded Concrete Mixes”.

Presentation of Best Dissertation Work Post Graduate Course in Engineering– 2017 Jury Appreciation was presented to Er.Giridhar Gangadhar Jogin, Belgavi for his work on “Compressive Strength Characteristics of Self Compacting Concrete Filled HDPE Tubes”.

Outstanding ICI Student Chapter of Karnataka – 2017 was awarded to R.V.College of Engineering, Bengaluru.



Er.Santhosh M Malkapur



Er.Giridhar Gangadhar Jogin



R.V.College of Engineering



NITTE Meenakshi

Outstanding ICI Student Chapter of Karnataka – 2017 Jury Appreciation Presented to NITTE Meenakshi Institute of Technology, Bengaluru.

ICI (BC) UltraTech Outstanding Concrete Engineer Award 2017” was awarded to Er.A.N. Prakash, Bengaluru.



Er.A.N. Prakash

To recognize the young talent and contribution of young engineers in the field of concrete, Indian Concrete Institute Bengaluru Centre presented the “ICI (BC) UltraTech Outstanding Young Engineer Award 2017” to Er. K.A.Koushik



Er. K.A.Koushik

Presentation of “ICI (BC) Birla Super Outstanding Concrete Structure of Karnataka 2017” Building category presented to M/s.Prestige Estates Projects Limited for their Kingfisher Towers, Bengaluru.

Presentation of “ICI (BC) Birla Super Outstanding Concrete Structure of Karnataka 2017” Building category Special Award for Innovative Design & Execution presented to M/s. Intel Technology India Pvt. Ltd., for their Intel SRR3, IT Office Building Bengaluru.

Presentation of “ICI (BC) Birla Super Outstanding Concrete Structure of Karnataka 2017” Infrastructure category was presented to the Construction of Underground Nadaprabhu Kempegowda Metro Station (Interchange Station) for BMRCL Phase-I, Bengaluru.

Presentation of Award – Well Built Residential Award, Bengaluru Rural District Awarded to ' Shri Samarth Nilaya'.



Award for infrastructure category

Presentation of Well Built Residential Award, Tumakuru District -2017 awarded to 'Meghana Nilaya'.

Presentation of Well Built Residential Award, Chikkaballapura District – 2017 Jury Appreciation to “Marikamba Nilaya”.

Presentation of Well Built Residential Award, Kolar District -2017 Awarded to 'Kamal Narayana'.

Presentation of Well Built Residential Award, Bengaluru Urban District – 2017 Joint Winners..... Aashirya and Pranayam.

M/s.Ultratech Cement Ltd the sponsorer had made all the arrangements for the Mega Show in coordination with the team from Indian Concrete Institute.



Dr.Radhakrishna, Secretary, ICI-BC thanked everyone for their involvement in the program followed by National Anthem.

2. One Day Seminar on 'Better Aggregates for Concrete & Alternatives to River Sand' on 7th December 2017

Introduction:

Indian Concrete Institute–Bengaluru Centre has always been at the fore-front in identifying challenges in concrete construction and to facilitate quick but resilient solutions. ICI-BC plays a pivotal role in the dissemination of application-oriented knowledge to its

members and the Construction fraternity. In this endeavor, ICI-BC organized this 1-Day Seminar aimed at Civil Engineers, Architects and all those connected with the Construction & Infrastructure Sector on the above topic. In addition, Aggregate manufacturing companies, Equipment manufacturers and Governmental decision makers also took part.

The Seminar was intended to serve as a platform for appraising and articulating on latest development in aggregates that form an integral form of good quality Concrete.

Lectures given by the eminent speakers during the Seminar:

Er.S.M.Prasad on “Manufactured Sand / Slag Sand”

Dr.R.Nagendra on “Crushed Stone Sand, Plaster Sand, latest revision in IS-383 (codal provisions)”

Dr.R.V.Ranganath on “Pond-ash as Alternate to River Sand”

Er.R.S.Raghavan on “Aggregate Manufacturing Machinery”

Er.Mohan Ramanathan on “C&D Waste (Construction & Demolition Waste) as Aggregates”

There was a Panel Discussion at the end moderated by Dr.Manamohan R Kalgal and the Panellists were

1. Dr. Aswath MU
2. Er. BVB Pai
3. Er. Sreenivasa Reddy
4. Er. Nafeesuddin
5. Er. Suresh Rao

Master of Ceremonies for entire Seminar was Er.H.R.Girish



Inauguration & lighting the lamp



Dr.R.Nagendra



Dr.R.V.Ranganath



Sri.S.M.Prasad



Sri.R.S.Raghavan



Sri.Mohan Ramanathan



Interaction section



Dr.Radhakrishna

Vote of thanks given by Dr.Radhakrishna, Secretary ICI-BC, thanked all the members present in the seminar & also thanked the Dignitaries on Dias, Speakers, Sponsors and Coordinators of ICI-BC, to conduct the program successfully & delivered the vote of thanks.

ICI – Kochi Centre

1. 4th One Day Workshop on 'Non Destructive Test on Concrete'

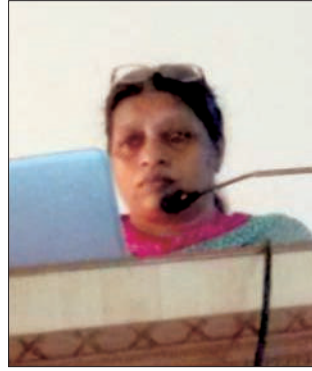
ICI-Kochi Centre in association with Civil Engineering Department, CUSAT, Bureau Veritas Pvt Ltd and Qcrete Readymix (India) Pvt Ltd organized the Fourth One Day Workshop on 'Non-Destructive Test on Concrete' on 25th November 2017 at Seminar Hall, School of Engineering, CUSAT. Thirty Two delegates including academicians, industrialists, builders and students attended the function. Welcome address and a brief introduction of the speakers was given by Dr.Job Thomas, Professor, Civil Engineering Department, CUSAT, Kochi. Er.Shelly S Fernandez Director, Qcrete Readymix (India) made a presentation on "Quality Control of Concrete Cubes".

Er.Beena Kumari KK, Manager Bureau Veritas India Pvt Ltd made a presentation on "Testing of





Dr.Job Thomas



Er.Beena KK

Structure by Non-Destructive and Semi Destructive Methods”

The afternoon session was handled by Er.Beena Kumari about the 'Practical application of Non-destructive Tests' which was organized at Bureau veritas Laboratory.

Dr.Job Thomas distributed certificates to all participants and proposed vote of thanks.

M/s Qcrete Readymix (India) Pvt Ltd had made all arrangements for the function.

2. 5th One Day Workshop on 'Form work design of Concrete structures'

ICI-Kochi Centre in association with Civil Engineering Department, CUSAT, Sreerama Scaffoldings Pvt Ltd and Qcrete Readymix (India) Pvt Ltd organized the Fifth One Day Workshop on 'Form Work Design on Concrete' on 16th December 2017 at Seminar Hall School of Engineering, CUSAT. Twenty nine delegates including academicians, industrialists, builders and students attended the function. Welcome address and a brief introduction of the speakers was given by Dr.Job Thomas, Professor, Civil Engineering Department, CUSAT, Kochi.

Er.K.V.Srikanth, Director, Formpro Engineers Pvt Ltd made a presentation on “Formwork Design of Concrete Structures”

The afternoon session was handled by Er.K.V.Srikanth, Formpro Engineers Pvt Ltd on the topic 'Practical application of Form work at URC Metro Station building site'.

Dr.Job Thomas distributed certificates to all participants and proposed vote of thanks.

M/s.Qcrete Readymix (India) Pvt Ltd had made all arrangements for the function.



Dr.Job Thomas



Er.K.V.Srikanth



Visit to URC site at Metro Station, Kadavanthra, Kochi

3. 6th One Day Workshop on 'Concrete Mix Design'

ICI-Kochi Centre in association with Civil Engineering Department, CUSAT and Qcrete Readymix (India) Pvt Ltd organized the Sixth One Day Workshop on 'Concrete Mix Design' on 20th January 2018 at Seminar Hall CUSAT. Thirty Four delegates including academicians, industrialists, builders and students attended the function. Welcome address and a brief introduction of the speakers was given by Dr.Job Thomas, Professor, Civil Engineering Department, CUSAT, Kochi. Er.Siddhesh Kamat, Technical Head, Qcrete Readymix (India) made a presentation on “Introduction to Concrete Mix Design”.



Er.Siddhesh Kamat



Er.Shelly S Fernandez



Trials done at concrete Lab by Participants

Er.Shelly S Fernandez, Qcrete Readymix (India) Pvt Ltd made a presentation on “Theory, Principles and working of Concrete Mix Design”

The afternoon session was handled by Er.Siddhesh Kamat, Technical Head, Qcrete

Readymix (India) Pvt Ltd about the 'Practical application of Concrete Mix Design in Lab'.

Dr.Job Thomas distributed certificates to all participants and proposed vote of thanks. M/s.Qcrete Readymix (India) Pvt Ltd had made all arrangements for the function.

ICI - Lucknow Centre

1. Technical Lecture on “New Building Materials for New Age Construction”

Indian Concrete Institute, Lucknow Centre in association with UltraTech Cement organised a technical lecture on “New Building Materials for New Age Construction” for the students of Shri Ramswaroop Memorial College of Engineering & Management (SRMCEM) on 14th November 2017.

Er.Pradip Kumar Jha (Honorary Secretary, ICI-Lucknow Centre and Regional Head, Technical Services, UltraTech Cement) delivered the technical presentation. He briefed on various new building products such as AAC Blocks, Dry Packaged Mortar, Cementitious Materials, Manufactured Sand, Customized Concrete, etc.,

being used in modern construction. Emphasis was laid on the role of these new building materials with respect to Durability, Sustainability,



Environment Friendliness, Resource Optimisation, etc.

Rishabh Tripathi (HOD-Civil Engineering, SRMCEM) and Shruti Chandra (Guest Lecture Co-ordinator, SRMCEM) along with the local technical team of UltraTech Cement were instrumental in making this happen.

On the whole, 80 students and 6 Faculty members from SRMCEM participated in the lecture.

2. Technical Lecture on “Cost Effective Housing – An overview of Technologies”

Indian Concrete Institute, Lucknow Centre in association with UltraTech Cement organised a technical lecture on “Cost Effective Housing – An overview of Technologies” at Hotel Royal Cliff, Kanpur on Saturday, 2nd of December 2017.

The dignitaries on the dais were Dr. Shailesh Kumar Agrawal, Prof. Sudhir Misra, and Er.Arun Sinha. More than 105 participants mainly practicing engineers, architects, government engineers, academicians etc were present in the seminar.

Prof. Sudhir Misra (Chairman, ICI-Lucknow Centre) welcomed all the guests. He briefed on the activities of ICI, Lucknow centre.

Dr. Shailesh Kumar Agrawal (Executive Director, BMTPC, Ministry of Housing & Urban Poverty Alleviation, Govt. of India, New Delhi) made an insightful presentation on “Cost Effective Housing – An overview of Technologies”. He briefed on new technologies that are being widely used for Mass Housing. He also threw insights on various initiatives taken under “Housing for All by 2022” by Govt. of India. Emphasis was laid on the role of these new technologies with respect to Durability, Sustainability, Environment friendliness, resource optimisation etc.

Prof. A K Tiwari (Past Vice President, ICI-North and Vice President, UltraTech Cement) and Dr. Sudhir Misra presented the Keynote speaker with a memento.

Er. Arun Sinha (Vice Chairman, ICI-Lucknow Centre) presented the Vote of Thanks.

The Master of Ceremony for the entire evening was Er. Pradip Kumar Jha (Honorary Secretary, ICI-

Lucknow Centre & Regional Technical Head, UltraTech Cement).

Finally the event came to an end with dinner.



3. Presentation on "Swaminarayan Akshardham – How ordinary people created an extraordinary masterpiece"

Indian Concrete Institute, Lucknow Centre in association with UltraTech Cement organised a Presentation on Swaminarayan Akshardham – How ordinary people created an extraordinary masterpiece at Hotel Fairfield Marriott, Lucknow on Friday, 15th of December 2017.

The Engineer in Chief (UPPWD, Rural Roads) Er. R C Baranaval, was the chief guest for the function. Keynote speaker of the evening Er.Kalpesh Bhatt, Prof. Sudhir Misra, and Er.Arun Sinha along with over 195 participants mainly practicing engineers, architects, government engineers, academicians etc were present in the seminar.



Dr. Sudhir Misra (Chairman, ICI-Lucknow Centre) welcomed all the guests. He briefed on the activities of ICI, Lucknow centre.

Chief Guest of the evening, Er. R C Baranaval briefed on the integral role of engineers in the development of the society and nation as a whole. He complimented ICI, Lucknow Centre and UltraTech in taking lead for organising different activities for the technocrat's fraternity.

Er. Kalpesh Bhatt, a key personnel in the Project Management group of Construction of Swaminarayan Akshardham at Delhi presented an astounding and spell bounding presentation highlighting different challenges and the ways those challenges were overcome. He also threw insights on all the three important facets of Project Management of Akshardham viz., Best Quality, Optimal Resources, and Least possible Time.

Prof. A K Tiwari (Past Vice President, ICI-North and Vice President, UltraTech Cement) and Dr. Sudhir Misra presented the Keynote speaker & the Chief Guest with a memento respectively.



Er. Arun Sinha (Vice Chairman, ICI-Lucknow Centre) presented Vote of Thanks.

ICI-Pune Centre

Technical Talk

ICI-Pune Centre organised a monthly talk on 20.1.2018. Mr. Vinod Ailsinghani, Specification Head (Alcofine Products) – Ambuja Cements Limited delivered a Technical Lecture on “Importance and Comparison of various microfine materials in High Performance Concrete”.

Mr. Prasad Sevekari, Secretary of ICI, welcomed all & introduced the Speaker. Over 30 members participated in the Technical Talk.

Mr. Vinod Ailsinghani explained the reactions of cement hydration and explained mechanism of deterioration of concrete through carbonation, chloride and sulphate attacks. He then explained how microfines work to reduce porosity, thus increasing durability of concrete. He also discussed the effectiveness of different microfine materials and their comparisons through available mix designs used in actual projects.



The case studies were very interesting and some ternary and Quadra blends with different Supplementary cementitious material/microfines were discussed with the durability/strength

specifications and achieved results. The presentation was followed with a Q&A session and interesting questions were raised and discussed. Some Snaps taken during the Technical talk.

ICI-Varanasi Centre

1. Technical Evening

Indian Concrete Institute, Varanasi Centre and UltraTech Cement organised the a presentation on Construction Management of large Religious Structure on 16th December 2017 at

Marketing, UltraTech cement, Er. Mukesh Jha- Hon. Secretary, and other Centre executive council members were present.

Prof. V. Kumar- Chairman ICI Varanasi Centre, welcomed the gathering and detailed activities of Varanasi Centre and plan for future activities. He invited delegates to join the institute and participate in the movements towards sustainable quality constructions. He also announced three endowment awards, instituted by UltraTech honouring efforts of quality constructions in Kashi region.

Chief Guest Er. Pankaj Bakaya shared his views on importance of project planning and execution. He also shared his experience of many projects. Chief



Guest also appreciated the efforts of ICI towards promotion of good quality concrete constructions and assured full support for the same.

Er. Kalpesh Bhatt, Engineer from USA, presented case study on "Swaminarayan Akshardham-How ordinary people created an extraordinary masterpiece". He detailed various facts and aspects involved during planning and execution of Swaminarayan Akshardham Temple, he also detailed about architectural aspects of stone structures. He emphasised the importance of Project planning and coordination among contractor-client-designer involved in the construction. He informed that with proper

Er. Pankaj Bakaya (Chief Engineer- UP PWD) was Chief Guest. Prof. V. Kumar- Chairman ICI Varanasi Centre, Prof. Ashok Tiwari- VP Technical, UltraTech Cement, Mr. Anil Panwar, RH-

planning we can complete any masterpiece project with match less quality.

The presentations were followed by question and answer session. The programme was attended by more than 200 technocrats' fraternity including the Architects, Engineers, Academicians, and Govt. officials.

Er.MukeshJha (Honorary Secretary, ICI-Varanasi Centre) presented the Vote of Thanks.

Er.Ankur Shrivastava (Member-ICI) conducted the programme .

2. Skill Development Program

Mason Awareness Program on Modern Construction Process & Methodology for better workmanship in Reinforced Concrete and Masonry Work organized by ICI Varanasi Centre and UltraTech Cement Limited.



Indian Concrete Institute, Varanasi Centre in association with UltraTech Cement Ltd. Organized a Skill Development Program: Mason Awareness program on “Modern Construction Process & Methodology for better workmanship in Reinforced Concrete and Masonry Work” at Department of Civil Engineering, IIT(BHU), Varanasi on, 22nd & 23rd of December 2017.

The program was inaugurated by organising secretary Prof. Veerendra Kumar (Chairman, ICI Varanasi), convener Dr. Pabitra Ranjan Maiti (Associate Professor, Department of Civil Engineering-IIT (BHU)), Varanasi, Dean-Research and Development, Prof. Rajiv Prakash (Department of Civil Engineering-IIT(BHU)), Prof. SB Dwivedi (Head of Department:Acting-Department of Civil Engineering-IIT(BHU)) &Er. Mukesh Jha (Hon. Seceratrery ICI Varanasi).



The subject covered during the 2 day course were concrete mix and casting methods, construction materials, modern methods in masonry works & practical visits to laboratory and CPWD working site: BHU new girls hostel wing. All those put forward to participating masons by the faculty of department of civil engineering-IIT (BHU): Prof. V. Kumar, Prof. KK Pathak, Dr. PR Maiti, Prof. Rajesh Kumar. Specified subject-Cement and its economics was emplified by Er. Mukesh Jha.

More than 60 participants mainly practicing masons, petty contractors were present in the seminar.

Amal Jyothi College of Engineering

Inauguration of ICI Student Chapter

The inauguration ceremony of ICI - AJCE Chapter and Amal Jyothi Civil Engineering Association (AJCEA), was conducted on 7th of October 2017, at the College Auditorium at 10 AM. The ceremony was inaugurated by the chief guest, Er. Shyju Nair, a leading resource speaker and Zonal Head of Ambuja Cements Limited.



The program started with prayer by Riya Saji & Niveditha N Prabhu. All the guests on the dais and audience were welcomed by Belarmin Xavier, Assistant Professor. Respected Principal, Dr. Z V Lakaparambil delivered the presidential address. Later the ICI - AJCE Chapter and Amal Jyothi Civil Engineering Association (AJCEA), was officially inaugurated by the Chief Guest, Er. Shyju Nair by lighting the lamp.



He also delivered the inaugural speech and enlightened the minds of the future Civil Engineers. Later, the Principal, Dr. Z V Lakaparambil launched the logo and website (www.ajcea.in) of AJCEA. The certificates for the participants of the last year's Mix Design Competition organized by ICI - Kochi Center, was delivered by Sr. Claramma Rosary, Head of Department of Civil Engineering. Mr. Mathew P Reji, Secretary of ICI - AJCE Chapter, delivered the vote of thanks.

The program was followed by a workshop titled "Concrete Revolution", for the ICI - AJCE Chapter members, at Alphonsa Hall, guided by the Chief

Guest, Er. Shyju Nair. His class was very inspiring for the students and gave a wide approach about the evolution of concrete historically. He highlighted various bad practices prevailing in the construction industry, and instructed the students on how to take care of it. He also encouraged the students, to become a true professionals.



The talk was followed by interaction with the speaker. Later as token of appreciation, a memento was presented to Er. Shyju Nair, by Mrs. Mini Mathew, Professor of Department of Civil Engineering. Ms. Aneeta C C, Joint Secretary of ICI - AJCE Chapter, thanked the Chief Guest.

A quiz competition was jointly organized by ICI - AJCE Chapter and Amal Jyothi Civil Engineering Association (AJCEA), on the same day at 2.30PM. The preliminary rounds were conducted and 5 team of students were selected for the final round. The main competition was conducted on 9th





October, 2017 with a wide audience support and the winners are as follows:

- First Prize : 1. Megha Mohan S3
2. Sneha Raju S3
- Second Prize : 1. Sabari Nath S3
2. Jokkim K Siby S3
- Third Prize : 1. Naveed Sibi S3
2. Robin George S3

Workshop on “Personal Management”

A workshop entitled “Personal Management” was jointly organized by the ICI- AJCE Chapter and Amal Jyothi Civil Engineering Association (AJCEA) for the second year students of the Civil Engineering Department, on 11th October, 2017. The workshop was guided by Mr. Nithin Jacob Biju, a leading businessman and Executive Director of the PTC Group, Trivandrum. The workshop was conducted during the morning and afternoon sessions for both batches.

During the course of the hour, the speaker threw light on some of the most important topics related to personal management such as time management, uniqueness of each individual and



how to study more effectively etc. He also highlighted on the future scope of a civil engineer in the developing India. He also enlightened the students on how they can serve the public through their jobs and above all, to have complete faith in God.

Later as token of appreciation, a memento was awarded to the resource speaker Mr. Nithin Jacob Biju on behalf of ICI- AJCE Chapter by Sr. Clamma Rosary, Head of Department of Civil Engineering.



Bangalore Institute of Technology, Bangalore

Technical Lecture on 'Analysis and Design of RCC and Steel structures using CYPE Software' on 17.11.2017

A Technical Lecture was organised on 'Analysis and Design of RCC and Steel structures using CYPE Software' by BIT in association with ICI-Bengaluru Centre. Mr. Diego

Fernando Cuellar Solano, CYPE Engineer, Technical Support, Alicante (Spain) – Europe delivered lecture on 'Analysis and Design of RCC and Steel structures using CYPE Software'.



BMSIT, Bengaluru

One-day National Conference on “Advances & Trends in Civil Engineering”

The first one day National Conference 'Advances and trends in Civil Engineering-2017' (ATCE 2017) was held on September 1st 2017 organized by Dept. of Civil Engineering under the aegis of ICI-Karnataka Bengaluru Centre. The main objective of this conference was to give a common platform for knowledge sharing and exchange to the students, researchers, practicing engineers & faculty to showcase their work carried out in their relevant field. The conference was inaugurated by Dr.Manamohan Kalgal, President, ICI in presence of Dr.Radhakrishna, Secretary-ICI-KBC, Dr.Mohan Babu G.N., Principal & Dr.Jagadish Vengala, Organizing Secretary- ATCE 2017 and followed by welcome address by Dr.Jagadish Vengala, Organizing Secretary & HOD, Civil, BMSIT&M, Bangalore. Dr.Radhakrishna briefed the audience on the activities that have been taken by ICI-KBC to bridge the gap between industry and academia. Dr.Mohan Babu G.N., gave a brief overview of need for advancements and technology in engineering.

Dr.Manamohan Kalgal, gave the keynote address to the participants on the recent trends and developments in the field of concrete. A total of about 85 abstracts were received of which about 46

papers were selected for final presentation covering about nine different themes in civil engineering. The external chair for the parallel sessions was Dr.G.Narayana, HOD-Civil, SJGIT, Chikkaballapur and Dr.Ravi, Deputy Environmental officer, KSPCB, Bengaluru.



The conference concluded with valedictory function presided by External Chair Dr.Jagadish Vengala. Best paper award was given to 3 participants namely, Dr.Latha, Faculty, SVCE (1st Prize), Er. Ajaysimha, Sr. Design Engineer, Atkins (2nd prize) & Mr.Radhakrishna, U G Student, BMSCE (3rd prize).

Cambridge Institute of Technology, Bangalore

One Day Workshop on “Integrated Solid Waste Management”

A One day workshop on “Integrated Solid Waste Management” was organized at Cambridge Institute of Technology on 31st October 2017 in association with Indian Concrete Institute (ICI) - KBC Bangalore Student Chapter.

The workshop was inaugurated by Dr.T.V.Ramachandra, Chief Guest of the occasion



Inauguration of the workshop by lighting the lamp

and Dr.Chikanna Basavaiah, the Guest of Honour, along with Dr.Suresh L, Principal and Head of the Department Dr.Ramesh R.L.

The technical session started soon after the inauguration by Dr.T.V. Ramachandra on the topic of Integrated Municipal Solid Waste Management. He emphasized on the changes that



Release of the magazine “CLIF - Civil Lightens Immense Future”



Dr. T V Ramachandra



Dr. Chikkanna Basavaiah



Dr. H.K. Ramaraju



Er. K.V. Shivakumar

have happened in the environment during the past few decades and he stressed on keeping the city clean by segregating the organic and inorganic waste.

The technical session was later carried on by Dr. Chikkanna Basavaiah who spoke on composting of the organic waste by using various methods specifically vermi composting. His topic on Environmental Issues and Resource Recovery was very interesting for students as a whole.

Later on, Dr. H.K. Ramaraju spoke on segregation of solid waste & management of the waste at Mavallipura site. He presented the case study on the Environmental Impact of the Mavallipura land disposal site.

A talk on "Biomedical Waste Management" was presented by Er. K.V. Shivakumar. He enlightened the audience about the hazardous and non-hazardous waste generated at hospitals and clinics and disposing off the waste using colour coded bins which is later disposed of by incineration.

Dayananda Sagar Academy of Technology & Management

Workshop on 'Revit Architecture' :

One day workshop on "Revit Architecture" for V Sem students was organized by ICI student chapter of Dept of Civil Engg, Dayananda Sagar Academy of Technology & Management, Bengaluru in association with CADD Center, Hulimavu on November 03, 2017. This workshop was conducted to give an insight on 3D modelling of buildings and its practical applications. Dr. B.R. Lakshmikantha, Principal, Dr. C. Nandini, Vice-Principal, DSATM, Chief Guest Dr. Vijay Rohidekar, DGM project design, Ayesa

India Pvt Ltd., Dr. K.N. Vishwanath, Prof. & Head CED & Mrs. Bindu, Center Head, CADD Center, Hulimavu were the dignitaries on the Dias. In morning session Dr. Vijay Rohidekar, enlightened the students about detailed usage of software. In the pre-lunch second session, 60 students were taught basics and drafting skills as tutorials. In the post lunch first session complete hands on training in RIVIT was given by Faculty of CADD Center, Hulimavu at Department CADD laboratory to acquire better knowledge on software.



Inauguration of the session by Ms. Bindu



Dr. K.N. Vishwanath, Prof & Head, having discussion with Dr. Vijay Rohidekar during interaction session



Resource faculty & Students after successful Completion of Workshop posing for Memorabilia



Faculty of Civil Engg & CADD Center providing Hands on training to students at the Laboratory

East West Institute of Technology

National Conference on 'Advances in Civil Engineering' NCACE (2017)

Two day National Conference on Advances in Civil Engineering (NCACE 2017) was organized By Department of Civil Engineering, Civil Engineering Association in collaboration with ICI, KBC on 21st& 22nd September 2017, in Kuvempu Auditorium at East West Institute of Technology.

The objective of the Conference was to provide forum for exchange of knowledge and information in relation to latest advancement in different streams in the field of Civil Engineering.

Dr.Shashishekar T R, Convener of the event welcomed the Gathering. HOD of Civil Department, Prof Nagaraja Gupta M S, began the Inaugural session delivering introductory speech about the conference in which he emphasized on importance of the conference.

Dr.B.R.Ramesh, Principal, EWCE, Bangalore spoke on how these conferences should turn into a battlefield amongst researchers and delegates to come out with innovations.

Dr.K.Channakeshavalu, Principal, EWIT, Bangalore, appreciated the effort made by the

department and summarized about number of abstracts and participants diversity.

Dr.B.Purushotham, Director, Admissions, EWGI, endowed the words of blessings for the inauguration of the function. The conference proceedings and CD's were released by the dignitaries.

The Chief Guest Er.Ravishankar M, emphasized on the fact that exchange of knowledge in conference is very important for overall growth of civil engineering.

Inaugural session was concluded with felicitation of Chief Guest Er.Ravishankar M., Er.Ravishankar M, presented the keynote speech on RMC, which was highly informative. The 1st technical session was followed by the key note address of Dr.B.Shivakumar Swamy, Dr.AIT, Bangalore addressing the session about importance of structural engineering streams, domains of innovation. It was followed by presentation of papers from participants.

The 2nd technical session was chaired by Dr R L Ramesh, CIT, Bangalore, wherein he stressed



Dignitaries on the Dias



Chief Guest & Keynote speaker: topic on RMC by Er. Ravishankar M, Chairman ICI-BC

about various discipline of research in structural stream and inspired the gathering. Session was followed by presentation of papers from participants.

The 3rd technical session on stream Geotechnical and transportation engineering was chaired by Dr. M T Prathap Kumar, RNSIT, Bangalore. In his keynote address he explained how soil study can prevent major damages to structures during hard times. Session was followed by presentation of papers from participants.

Around 20 papers related to Structural Engineering and Geotechnical Engineering were presented on the first day.

Second day of the conference opened with Session 4 on Earth Science and Water Resource Engineering stream. Dr. Shadakshara Swamy, Bangalore University chaired the session. In his key note address he emphasized on importance of field of Geology to the gathering. More than 10 papers were presented in this session.

Session 5 on Environmental Engineering was chaired by Dr. C. Sadashivaiah, HMSIT, Tumkuru.

He stressed on the scope in the field of Environmental Engineering. Around 10 papers were presented in this Session.

The conference closed with the valedictory function. Prof. Nagaraja Gupta M S, HOD, welcome the dignitaries, delegates and others for the function. Valedictory function was presided by Dr. K. Channakeshavalu, Principal, EWIT and the Guest of Honour of the function was Dr. V. Krishnamurthy Registrar, PES University. The report of the two days conference was presented by Convener Dr. Shashishekar T R. Best Paper Awards were announced and certificates were distributed to all participants and Guests were felicitated.



Felicitations to Dr. V. Krishnamurthy



Felicitations to Er. Ravishankar M



Civil Engineering students & delegates

Jss Academy of Technical Education, Bengaluru

One Day National Seminar on "Green Building and Sustainable Habitats"

Seeking blessings of His Holiness Jagadguru Sri Shivarathri Deshikendra Maha Swamiji and also remembering Dr. APJ Abdul Kalam on his 86th Birth Anniversary; Inter-disciplinary Research Center & Civil Engineering Research Center of JSSATE Bangalore in Association with ICI made an attempt to take the Green Tech to the people by organizing a National Seminar on "Green Buildings and Sustainable Habitats" at JSSATE Bangalore on 14th October 2017,

This National seminar was inaugurated by Er. Puneet Kumar Vats, Additional Director General, CPWD, GOI as the Chief Guest and Sri HN Vijaya Raghav Reddy, President, Builders Association of India as Guest of Honor. The Inaugural program was also graced with the presence of Er. Ravishankar, ICI (BC).



Valedictory chaired by Dr.Radhakrishna, Secretary, ICI (BC)

The Seminar had four Technical Sessions namely Green Building Concept, Green Building Materials, Best Practices and Global Practices & Certification by US-GBCI were held. There were

around 100 participants attended the seminar. Its valedictory program was chaired by Dr. Radhakrishna, Secretary, ICI (BC).

KLE College of Engineering & Technology, Chikodi

Engineer's Day celebration and 3 Days Total Station workshop held at KLECET, Chikodi

5⁰th Engineer's day Celebration on 15th September and Inauguration of 3 days (15th, 16th and 17th September-2017) hands on training of Total Station was held at KLECET, Chikodi. Chief Guest of the function was Er. U M Anigol, Engineer in Chief (Rtd), PWD, Government of Karnataka, President of the function was Shri.S.C.Metgud, Member Board of Management, KLE Society, Belagavi. The celebration of Engineer's day and inauguration of the workshop were held along with the key note speech by Dr. Sidramappa V. ITTI, Principal, KLECET, Chikodi. The theme for the Engineer's day was "Role of Engineers in Developing India".

Dr.Sidramappa V. ITTI stressed on the importance of role of Engineer in solving any type of social issues using the technology and bringing a change in the humankind.

Retired Engineers M/s.U.M.Anigol, V.B.Jawoor, C.B.Wali and S.S.Khanagavi who dedicated their

sincere service in the Engineering fields were felicitated on this occasion. Mr.Sampathkumar, Prof.Sunil Hebbale, Dr.Prasad Rampure, Dr.R.K.Patil, Prof.Jayashree Rudagi, Prof.Satish Bhojannavar, Prof.Sachin Mekkalaki were present on the occasion. Prof.Vivek Patil welcomed the gathering and Prof.V.K.Patil proposed vote of thanks.

3 days Total Station Workshop was held at KLECET, Chikodi with participants from various Engineering colleges across Karnataka and practicing Engineers. This workshop was specially intended for the practicing Engineers, Teachers and Students. The workshop gave a detailed insight into the use of Total Station Instrument in the field and the Esurveying software. Representatives of Amil Ltd. Bengaluru and Esurveying softech Ltd, Bengaluru were present in the workshop to explain Total Station instrument and Esurveying software.

M. Kumarasamy College of Engineering, Karur

1. Workshop on 'Good Construction Practices'

The ICI Student's Chapter of M.Kumarasamy College of Engineering, Karur in association with UltraTech Cement Ltd., and Terrace Association, organized a Workshop on 'Good Construction Practices' on 21st October 2017 in the college premises for the second year civil engineering students. Er.S.B.Dhinakaran, Technical Service Manager, UltraTech Cement

Ltd., Erode graced the function as Chief Guest. The inaugural function of the workshop was presided over by Dr.K.Sundararaju, Dean / EE & Principal in-charge, MKCE. Importance of Industry Institute Interaction was stressed by Prof.P.Mahadevan, HoD / Civil in his special address. The programme started with the release of Volume III, Issue I (October 2017) of department News Letter "The



Forum Thoughts Reinforced” and Launch of a “CONSTRUCTON a Deep Foundation of Knowledge” Magazine Volume I, Issue I, by the guests.

The first session was an Interaction Programme between the students and the masons. Around 20 masons and 50 students interacted about the construction practices.

The second session had a demo class regarding the construction practices. Masons gave demo on construction practices to the students.

The afternoon session was a workshop on “Good Construction Practices”. The session was handled by Er.S.B.Dhinakaran. This session assessed the learning and understanding ability of the student on the construction practices.

The valedictory function was graced by Dr.K.Sundararaju and he expressed his gratitude to Terrace Association, ICI and UltraTech Cements Ltd., in organizing such a focussed event for the upcoming civil engineers. The students and masons were given away the certificate of participation by the chief guest. The function was well co-ordinated by Mr.R.Vijayan AHoD / Civil, Mr.A.Rangaraj AP / Civil, Ms.M.Nivedthitha AP / Civil, Mrs.Aathira G. Krishna AP / Civil.



2. Ramco Cements Concrete Mix Design Contest

The ICI Student's Chapter of M.Kumarasamy College of Engineering, Karur in association with Ramco Cements Ltd., organized “Ramco Cements Concrete Mix Design Contest' on 10th and 12th of October 2017 in the college premises for the third year civil engineering students. Mr.R.Ramachandran, Manager-Technical Services, & Mr.S.Jagadesan, Dy.Manager, Ramco Cements Ltd graced the function as Chief Guests. The inaugural function of the workshop was presided over by Dr.V.Kavitha, Principal, MKCE. The Importance about the practical aspects of civil engineering and also the importance of organizing the Mix Design Contest were stressed by Prof.P.Mahadevan, HoD / Civil in his special address.

The first session was on the importance of cement in construction field and explained how to choose the material properties of cement. Around 120 students of third year participated in the first session on Day 1.

The second session was for an objective test on properties of cement conducted by Ramco Cements Ltd. Around 120 students participated of which 25 students got selected for the next round of Mix Design Contest on Day 1.

The afternoon session was for Mix Design Preparation for the five batches of the selected 25 students followed by Cube casting for the designed mix proportion. The cubes made by the batches were put under curing and the cast samples were tested on the third day. Based on the industrial expectation and result obtained during test, the winners were decided.

The valedictory function was graced by Mr.P.Alagu Raja, AGM, Marketing, Ramco Cements Ltd, Dindigul Zone, as Chief Guest. Mr.R.Ganeshmurugan, Dy.Manager, Marketing,





Karur, has participated. Dr.V.Kavitha, Principal, MKCE, Karur expressed her gratitude to Ramco Cements Ltd., in organizing such a practical oriented training for the future civil engineers. The winners were awarded with winner shield and certificate of participation was given to the participated students by the Chief Guest. The function was well co-ordinated by Mr.R.Vijayan, AHOd / Civil, Mr.M.Sasikumar, AHOD / Civil, Mr.R.Vignesh AP / Civil and Ms.S.Poornima Bharathi AP / Civil.

Nagarjuna College of Engineering & Technology

Inauguration of ICI Student Chapter

Student Chapter of Indian Concrete Institute at Nagarjuna College of Engineering & Technology was inaugurated by Civil Engineering department of NCET on 8th November, 2017. After invocation and welcome speech, the lighting of lamp was done by Dr.S.G.Gopalakrishna, Principal, NCET, Er.Ravishankar, Chairman, ICI (BC), Dr.Radhakrishna, Secretary, ICI (BC) and Dr.S.Rajendra, HOD, Civil department. The Chief Guest of the function Er.Ravishankar spoke about ICI and its activities and also explained the scope of ICI student chapter. The presidential address was made by the Principal, NCET. He explained the importance of activities being held at Institution and explained about the benefit of becoming student member for ICI. The technical talk was on “Application of alkali activated cement for

sustainability” by Dr.Radhakrishna, Secretary, ICI (BC). The programme was co-ordinated by Prof.R.Sridhar.



Dr.S.G.Gopalakrishna



Dignitaries on the Dias



Dr.Radhakrishna



Er.Ravishankar



Nandha Engineering College (autonomous), Erode - 638 052

1. Association Inaugural function:

The inaugural function of ICI Students Chapter - Nandha Engineering College was held on 11th September 2017. The Chief Guest of this function was Mr. G. Suresh Kumar, Chief Marketing Officer, Renaatus Procon Pvt Ltd, Erode. In this Inaugural function the office bearers of Civil Engineering Association were introduced. The Department News Letter “Concrete News” for the even semester of the academic year (2016-17) was released by the Chief Guest and the same was received by the CoE, Principal & Dean - Civil Engineering. Then the Chief Guest distributed the Certificates with shield to Academic Toppers who secured top positions in the Last Year End Semester Examinations both UG & PG.

Mr. G. Suresh Kumar explained about Autoclaved Aerated Concrete (AAC) Blocks and the latest manufacturing techniques they had. He presented a video clip on their manufacturing process. Then he spoke on their past and future projects. Students were much delighted to thank for his enthusiastic speech.



2. Motivational Session on Leadership Qualities:

The ICI Student's Chapter of Nandha Engineering College (ICI-NEC) organized elocution competition on “Motivational Session on Leadership Qualities” for Civil Engineering students on 19th & 20th September 2017. Mr. Krishna Prasad Nair, Chief Trainer, AADHI Foundations, Coimbatore spoke on the importance of leadership and explained about the need of building the leadership quality within everyone. He explained about the qualities for leadership building like Discipline, Integrity, Personality Development, Life Style Management and Stress Management. He elucidated the students about the difficulties in getting job and how to accommodate in a job environment.

He explained on the stress management and the current problems that everyone is facing in job environment and gave few ideas about how to reduce the stress factor. He gave some questions to know about logical thinking capacity and time management. He also explained about how to face the problems and to get away from the problem

that obstruct us from the path of our goal. He finally concluded that “We must be the change that we need in others”.



3. Industrial Visit to Laurie Baker Center at Thiruvananthapuram:

The ICI Student's Chapter and Department of Civil Engineering, Nandha Engineering College (ICI-NEC) had arranged Industrial Visit for the Final Year Students to “LAURIE BAKER CENTER FOR

HABITAT STUDIES” at Thiruvananthapuram on 28th Sep 2017. Through this visit students gained knowledge about the basic construction principles, techniques and new construction technologies.

The students thanked the Project Manager and Site Engineers for their guidance.



Nitte Meenakshi Institute of Technology Department Of Civil Engineering, Bangalore

SURVEKSHAN - 2K17 on 10th and 11th November 2017

SurveKshan is a National Level Techno-Cultural Fest of Civil Engineering Department NMIT. The meaning of Survekshan is 'Surva+Veekshana'; Be Vigilant in all respect. Many intra-collegiate and Inter-collegiate technical and cultural competitions were conducted, with prizes sponsored by the Industries. All the technical events of Survekshan have been conducted under the association of ICI and ACCE.

The programme was inaugurated by Chief Guests Dr.R.Jagadish and Dr.H.Sharada Bai, and also by Sri M.Ravishankar, Chairman of ICI, as Guest of Honour. 22 technical competitions which include Egg Drop, Model Making, Photography, Hand



Painting, Bridge Making, Debate, Quiz Completion, Movie Making, etc., were conducted and prize money worth about Rs.1.00 lac was distributed to the winners. As many as 188 students participated from various institutions like RVCE, MSRIT, BGSIT, BMSIT, SIT Thumkur, SJBIT and so on.

Programme was a grand success.



Ramaiah Institute of Technology

Deminar on “Special concrete - Elite Crete” on 06.10.2017

To bring in awareness among the student community about the ready mixes available and also to have a practical experience of preparing the mixes a Deminar was organized on behalf of ICI student chapter at Department of Civil Engineering, Ramaiah Institute of Technology. The Deminar was initiated by Mr.Prakash Srinivasan with a brief introduction about RMC (India). First technical talk was delivered by Mr.Shanmukhura Reddy. He briefed the students with basic characteristics of concrete and the way in which one has to be careful in handling concrete. Next session was handled by Madam Shruthi. She shared the knowledge on variety of concretes that were developed at RMC (India) and also the



benefits of using them. Last session was held at PG Lab where the materials were mixed with proper proportion along with thermo cal beads and air entraining admixture. The mixing procedure and the testing it for fresh properties were discussed. The session was conducted in the presence of HOD Dr. C. G. Puttappa. There were more than 30 students who interacted with the expert's present. Team of RMC (India) was appreciated and thanked on behalf of department of Civil Engineering, RIT for the demonstrations.

RVCE

Concrete Fair 2k17

Concrete FAIR is a unique Technical fest organized by the Department of Civil Engineering, RVCE in association with ICI, Bengaluru Centre, India and ASCE Student

Chapter, RVCE, Bengaluru. With the main focus to disseminate advances in concrete technology, Concrete Fair is headed towards its sixth edition with a vision to inculcate creativity & innovation in

budding civil engineers. The last edition witnessed participation of around 500 students, who had the opportunity to compete with their counter parts and also to interact with leading industry experts.

Concrete Fair firmly believes in continuous improvement. This year, the two day National extravaganza is getting a makeover with newer & more exciting competitions across various domains in Civil Engineering both for UG and PG students separately.

Inauguration

Concrete Fair 2k17 was inaugurated at the IEM Auditorium, RVCE with the august presence of Sri.M.Krishnappa, Hon. Minister for Housing, Govt. of Karnataka, Er.Ravishankar M, Chairman, ICI-Bangalore Centre, Sri.D.P.Nagraj, Hon.Joint Secretary, RSST, Bengaluru, Dr.K.N.Subramanya, Principal, RVCE, Dr.M.V. Renukadevi, HoD, Civil Engg. Dept., RVCE, Dr.Radhakrishna, Professor, Civil Engg. Dept., Secretary ICI-KBC, Staff and Students of Civil Department, RVCE on 25th October 2017.



The lighting of lamp by the Dignitaries and the vocals by Sachin Bharadwaj of Mechanical Dept., RVCE officially marked the beginning of Concrete Fair-2k17.

The dignitary addressing the stage Dr.Radhakrishna, Secretary ICI-KBC, Faculty co-ordinator - Concrete Fair 2k17.

This time the statistics show that around 700+students from 25+colleges participated in various events listed below. Maximum number of students participated from government engineering college reaching max. head count of 101 followed by Don Bosco Institute of Technology with a max head count of 74. The maximum number of winners was however observed to be from KLE institute of technology Having 2 winners and 2 runner ups.

The events were as follows:



- | | |
|---------------------|-----------------|
| 1. CONMOV | 6. Plan it |
| 2. Align it | 7. Conquer |
| 3. ConPress | 8. Concube |
| 4. CADD u Quantify? | 9. Materialize |
| 5. Step the Zone | 10. Contemplate |

Snapshot



Lighting of lamp by dignitaries...



Address by Principal, RVCE...



Dignitaries approach to the event...



Participants competing for Step the zone...



ConPress- Paper presentation by participant...



Concubate towards the go...



ConPress- Paper presentation by participant...



Concubate towards the go...

Samskruti College of Engg & Technology, Hyderabad

1. Industrial Visit (2017-18)

The civil engineering department organized an Industrial visit under the banner of Indian Concrete Institute (ICI) student chapter on 19th September, 2017 to “Ultratech Ready Mix Concrete Plant” located in Kandlakoya, Medchal (Dist.).

Prof.Dr.C.Selin Ravikumar, HOD in Civil engineering motivated the students and explained about the importance of the Visit.

A group of II & III year students accompanied by staff members Mr.K.Prathap Reddy, Prof.P.Avinash, Prof.G.Swarna, Prof.K.Divya, Prof.P.Anjaiah and Prof.P.Bikku under the guidance of Dr.Selin Ravi Kumar undertook the visit.

The main objectives of the visit was to :

- Provide students an exposure from academic point of view.

- Let students learn things practically through interaction with industry.
- Make students aware of advanced technologies in civil engineering.
- Interact with industries which will help them gain on field practices.

It is rightly said that "See & know" is better than 'read & learn'. Students got real feel of RMC making after this visit. They got a chance to correlate their theoretical knowledge to field practices.



Group photo: II year Students with staff members of Civil Engineering Department



Group photo: III year Students with Principal of SCET, Dr.M.Sreedhar Reddy, Principal of Samskruti College of Polytechnic, Prof.K.Shiva Keshava Reddy & HOD Civil Engineering department, Dr.Selin Ravi Kumar



Group photo: II year Students with staff members of Civil Engineering Department

2. Training Programme

Department of Civil Engineering Organised Two weeks (17/9/2017 to 5/10/2017) students training programme under the auspicious of the ICI students chapter. Experts from Design Lab, Hyderabad trained the students on Revit Architecture and Robo structural Analysis softwares.

Prof.Dr.C.Selin Ravi Kumar, HOD, Civil welcomed the Chief Guest, Mr.Bashkar Rao of Design Lab, Dr.Jayanthi (Dean R&D), Ramakanth Reddy (Director smsk) took part in the valedictory function. The certificates were issued by the Guests and vote of thanks was given by students president Mr.S.Satheesh (Final Year Civil).

Students from other colleges also participated in the training.



School of Civil Engineering, Reva University, Bengaluru

Inauguration of ICI Student Chapter

For the inaugural session, on 17/11/2017, Er.Ravishankar, Chairman ICI (BC) was the Chief Guest and Session Speaker Dr.Jagadish Vengala (BC) was the Guest of Honour. Dr.S.Y.Kulkarni, Vice-Chancellor presided over the function and Dr.Y.Ramalinga Reddy, Director, School of Civil Engineering, Chaired the occasion.

Al Sabith, Student of Civil Engineering anchored the session and Ruchika welcomed the gathering and Darshini Student Co-co-ordinator ICI-Chapter, introduced the Chief Guest.

Er.Ravishankar addressed the gathering and highlighted about ICI, importance of its association with academic to bridge the gap between industry and academic institutions and on the advantages of ICI Student Chapter.

Dr.Y.Ramalinga Reddy addressed the gathering and guided the students to take advantage of the ICI Student Chapter and enhance the knowledge, and extended full support for organizing the events in School of Civil Engineering.

Dr.S.Y.Kulkarni, Vice-Chancellor, gave the Presidential remarks and wished all the best for

School of Civil Engineering and ICI (BC) and extended full support for organizing the events in REVA University.

Dr.Jagadish Vengala gave the technical talk on "Mix Design Methods on Self - Compacting Concrete". He highlighted about the testing of SCC, Application of SCC and various mix designs in SCC.

Around 75 students and Staff of School of Civil Engineering were present for the inaugural session.



Distribution of ICI student certificates



Faculties & students of REVA University

Sona College of Technology

1. Competitions

The ICI Student Chapter of Sona College organised group discussion for second and third year students, on 13.07.2017 for groups consisting of 10 members. Those selected from the prelims, participated in the final, which was judged by placement faculty. A multimedia event on the topic 'Recent Trends in Civil Engineering' is also conducted on 14.07.2017 to exhibit student's technical knowledge. Photography event was conducted on the theme "Elevations of the campus" on 14.09.2017. More than 20 participants displayed their colourful photos. The images were judged by Mrs.Kalaivani and Mr.Senthil from Sonaversity. The event "Elevation in Rangoli" had overwhelmed response from the students. More than 12 groups of

students participated and drew the renowned elevation using rangoli. This event was judged by Dr.R.Malathy, HoD/Civil. The winners of the events were awarded with certificates.



Students explaining about their theme



Students participating in group discussion



Dr.R.Malathy



Mrs.Kalaivani and Mr.Senthil from Sonaversity judging the images



Students with their elevation

2. Concrete Day Celebrations-2017

As part of concrete day celebrations, on behalf of ICI student's chapter, a special lecture on "Biomimetics in concrete" was organized on 7th September 2017. Dr.R.Malathy, HoD/Civil elaborated on how Biomimetics-studies biological processes can be effectively used in the development of innovative engineering materials and systems. The special lecture was attended by 140 students and many faculty members.



Winners of ICI events are awarded with certificates

Sri Venkateshwara College of Engineering, Bangalore

National Workshop

National Workshop on "Advances in Precast Construction Technology: Issues & Challenges" was conducted on 24th, 25th & 26th October 2017 by Sri Venkateshwara College of Engineering In Association with Indian Concrete Institute

On 24th Oct 2017 (Tuesday), Workshop was inaugurated by the Chief Guest, Mr.M.N. Ramesh, Director, Talrak Construction Chemicals Pvt. Ltd., Bangalore. Principal Dr. Suresha, Dr. H N Rajakumara, head of Department, Civil Engineering, , Faculties and Students took part.

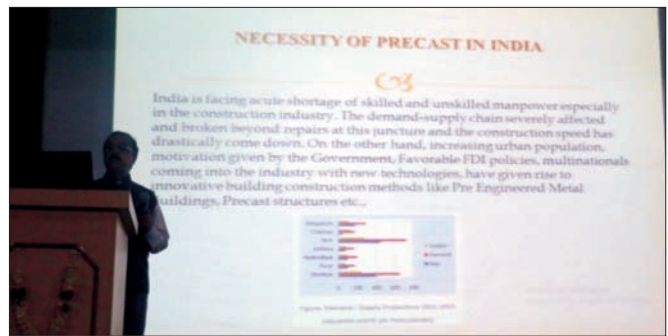


elements, using worksheets. Session was interactive and interesting.



Session 1 was by Mr. M N Ramesh, on Precast Construction in India. Many queries were raised by students that were very well responded by the speaker.

Mr.Biswas Kumar K, Founder Partner, Mooreliving India Building Solutions LLP took up session II and gave presentation on pre-cast concrete and its advantages.



Session 5 was by speakers Vijendra Kumar Ahirwar, project manager and Pradeepa, senior structural engineering -precast engineering group, TRC Engineering (I) Pvt. Ltd., Speakers presented on "Design and Construction of Precast Structures in India and worldwide" gave few examples of the projects the Group has been involved.



Session 3 was by speaker Mr.Chandrashekar L.H, Engineering Manager, Trimble Solutions India Pvt. Ltd., Bangalore. He introduced the participants to the software Telka Structures BIM, and its versatility in analyzing and designing.

On the second day of workshop, Session 4 was by Professor Somasekhar D.P., on Design of precast



Site visit was organised to the precast element construction at Uttanaalli, SVR Pvt. Construction.

On third day session 6 was by Mr.Byre Gowda, SVR Precast groups, on "Precast Products" Production and Latest Developments.

Session 7 was by Mr.PADDY Menon, Director & Mr. Manoj Patterson of “Rebel Disruptive Building Technologies”, and they presented on “Precast concrete/Pre-fabricated structures” Construction and Latest Developments. Session was very interactive and speaker distributed REBEL

T shirts to participants for answering his questions on construction.

Certificates were distributed and Indian Concrete Institute was thanked for all the support.

Vivekanandha College of Technology for Women

ICI Students' Chapter Inauguration

The Department of Civil Engineering had organized ICI Students' Chapter Inauguration and Guest Lecture on “NEW GENERATION CONCRETE” by the Chief Guest Dr.R.Malathy, Chairperson, Indian Concrete Institute Salem / Professor & Head, Department of Civil Engineering, Sona College of Technology, Salem, on 21st December 2017 for the academic year of 2017-18.

The inauguration started with the prayer song followed by lighting the Kuthuvilakku by all the dignitaries on the dias. Dr.D.Vijayalakshmi, Vice Principal Cum Head, Department of Civil Engineering, Vivekanandha College of Technology for Women, addressed the gathering. The Principal, VCTW, Dr.KCK.Vijayakumar, delivered the Special address.

The key note address was given by Prof. Dr. D. Viswanathan, Formar Vice – Chancellor, Anna University, Chennai, Advisor, Vivekanandha Educational Institutions. He motivated the students in participating the ICI activities.

Ms.T.Manjupriya, Assistant Professor introduced the Chief Guest Dr.R.Malathy, who delivered the Inaugural Address and described about ICI Students' Chapter activities and its benefits. Then, the ICI certificates were distributed to ICI Students' Chapter members. She explained the importance and applications of New Generation Concrete like Self Compacting Concrete, Self Curing Agent, Self Healing Concrete, Self Cleaning



Concrete, Papercrete, Light Transmitting Concrete, Geo polymer Concrete, Pervious Concrete, Bendable Concrete, Bio Concrete, Innovative Concrete Products, Lunar Concrete, etc. She also pointed out various practical applications related to this topic and the students were highly interactive with the guest on the topic.

This was followed by Vote of thanks by Mrs.A.Tamilmani, Associate Professor, Department of Civil Engineering, The program ended with National Anthem.



Er. H Viswanatha Rao
(30th December 2017)

OBITUARY

With profound grief we inform you the sad demise of the former office bearers of ICI. ICI expresses its sorrow and condolences to the bereaved family of the deceased.



Er.C.Thiagarajan
(05th February 2018)

Innovative World of Concrete
ICI-IWC 2018

International Conference on
INNOVATIONS IN
CONCRETE

FOR MEETING INFRASTRUCTURE CHALLENGE

Date: September 19-22, 2018

Venue: NIMHANS Convention Centre, Bengaluru, Karnataka

Email : secretary.icibc@gmail.com, icikbc@gmail.com | Website : www.icikbc.org