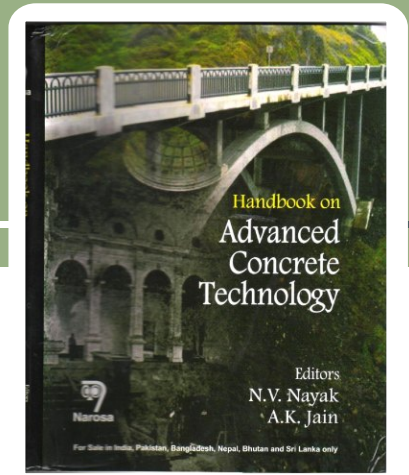




ICI UPDATE

An Electronic-Bulletin from the Indian Concrete Institute



From the President's Desk

You are aware that ICI has signed a Memorandum of Understanding for international collaboration with American Concrete Institute (ACI) in December, 2013 at New Delhi. As a follow-up action, I participated in the ACI Spring 2014 convention held in Reno Nevada, USA, where I met a host of both former and future Presidents of American Concrete Institute.

During 2013, ACI has also signed memorandum of understanding for international collaboration with fib. I made a presentation about ICI to the American Concrete Institute leadership including the ACI Board of Direction and Board Committee Chairs. Ms. Anne Ellis, ACI President was of the view that the presentation would help to broaden and deepen the understanding of the significance of ICI and the

challenge and responsibility ICI has undertaken to support such a large concrete community. I expect that ICI members will be better served through such collaborative efforts.

A significant lot of established engineers of Indian origin have major contribution to concrete industry in different countries all over the world. I am of firm conviction that these engineers have a lot to contribute towards the all-round enrichment of the ICI activities. So, let's get down to make an earnest effort to identify such overseas engineers of Indian origin and make an all-out approach towards making them ICI members once and for all.

Last but not least, I solicit the views of our members, as to how our Institute should take a shape in the days to come.

Prof. S. Saraswati
President

Hand Book on 'Advanced Concrete Technology' authored by more than 25 Eminent Experts is available at 20% discounted price of Rs.700/- for ICI members only. Postage extra. Please contact Ph : 044-24912602 ; email : ici4@airtelmail.in.

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I request all ICI centres to inform the headquarters about their forthcoming activities well in advance. We have to ensure that there is no overlapping of seminars, workshops and conferences to be organized by different centres.

R. Radhakrishnan
Secretary General

MASTER® BUILDERS SOLUTIONS
Chemical solutions for construction by BASF



ICI - KARNATAKA BENGALURU CENTRE

Concrete Panorama and Deminar 2014:



ICI-Karnataka Bengaluru Centre conducted their regular flagship event "ICI Concrete Panorama & Deminar 2014" on 25th and 26th February 2014 at BMS College of Engineering, Bengaluru. It was a Two-day International level Seminar-cum-Exhibition on "Innovative and Decorative Concretes" showcasing latest innovations in Decorative Concretes, GFRC Products, Special Cements, Mineral Additives, Precast Products, Construction Equipments, Construction Techniques etc.

ICI-KBC had lined up excellent speakers from all over India for the Seminar, who are experts

in their respective fields and product demonstrations of the most recent Innovations in Concretes, Concrete Polishing, Ultra High-Performance Concrete, Coloured Concretes, Fiber Reinforced Concretes, Exposed Aggregates Concretes, Geo Polymer Concretes etc., were held. More than 100 Delegates and 150 Student Delegates from across India participated.

The Deminar was inaugurated by Shri. K. Jairaj, I.A.S (Retd)., Former Addl, Chief Secretary, Govt. of Karnataka; Trustee, BMS Educational Trust & Chairman BMSIT & BMSSA. The Guests of Honour for the function were Prof. Subhajit Saraswati, President, ICI, Dr. K. Mallikarjuna Babu, Principal, BMS College of Engineering. Initially, Dr. R. Nagendra welcomed all. Mr. N.R.Ashok and Mr. Nagesh Puttaswamy were the Anchors for the Two-Day Program. All the Senior Members of ICI-KBC, Advisory Committee Members and Organizing Committee Members worked hard to make the program a grand success.

Ms. Sapna Devendra, Secretary, ICI-KBC gave vote of thanks at the end.

PHOTO GALLERY





EXHIBITION & DEMO



ICI - KARNATAKA HUBLI-DHARWAD CENTRE

ICI-UltraTech Awards:

ICI-Karnataka Hubli-Dharwad Centre and UltraTech Cement Ltd. had jointly organized ICI-UltraTech Awards for the Outstanding Concrete Structure of North Karnataka region. Such an award is instituted for the first time and will become an annual event.

The Outstanding Concrete Structure of North Karnataka Award was given in three categories:

1. Residential Buildings
2. Public Buildings
3. Infrastructural Projects

Every year, the nominations are invited from Promoters, Builders, Consultants, Architects, Engineers, Government Departments, Contractors and Owners. The Award covers the Districts of Dharwad, Gadag, Haveri, Uttara Kannada, Gulbarga, Bidar, Bijapur, Bagalkot, Belgaum, Bellary, Raichur, Koppal, Davangere, Yadgiri & Chitradurga.

The nominations received from 15 Districts of North Karnataka region were reviewed by the Jury Committee and Awardees were selected based on the merit of the nomination. In all, there were 160 entries from all over 15 Districts of North Karnataka. Considering the large number of enthusiastic entries from all

over North Karnataka, the Jury Committee decided to present the District Awards for Residential Buildings as “Well Built Residential Building of the District” for each of the Districts. 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 & Academicians of Karnataka. This year, the Award Ceremony was conducted in two places, on 11th January 2014 at Davangere and on 18th January 2014 at Gulbarga. The Awards have played a major role in creating awareness on using good quality concrete in construction.

11th January 2014 at Davangere:

Prof. Arvind Galagali, Chairman ICI-KHDC, Welcomed the gathering. He briefed the activities of ICI & ICI-Hubli-Dharwad Centre, & also explained about ICI-UltraTech Awards 2013. Capt. R.R. Doddihal, Chief Engineer, Metro Bangalore Corporation was felicitated for his great contribution to Civil Engineering field. Dr. V. Ramachandra, Vice President, ICI (south), briefed on the ICI-UltraTech Awards selection process.

PHOTO GALLERY





18th January 2014 at Gulbarga:

Chief Guest of the function was Dr. M.S.Sudarshan, Secretary, ACCE (INDIA). Six Awards for Well Built Residential



Buildings from each District were given. More than 600 peoples from 6 Districts witnessed the Award Ceremony. Er. Vijay Totiger, secretary ICI-KHDC, proposed vote of thanks.



ICI - AP HYDERABAD CENTRE

National Workshop:

A Two-day National Workshop on "Recent Advances in Concrete Technology" was held at GITAM University, Hyderabad Campus on 19th & 20th March 2014 after the inauguration of ICI-GITAM University Students Chapter .

The inaugural function started with prayer followed by Lighting of Lamp by Chief Guest. Sri C. Shekar Reddy, CREDAI National President. The Registrar of the Jawaharlal

Nehru Technological University, Hyderabad, Dr. N.V.Ramana Rao who was Past Chairman of ICI-APHC was Guest of Honour along with Present Chairman Er.Ar.SP. Anchuri. Er. V.B. Gadgil from L&T, Metro Rail project of Hyderabad was the Keynote Speaker. The Registrar, GITAM University, Dr. Potharaju, presided over the function. The Programme started with welcome address by

Dr. Seshadri Sekhar Tirumala, HOD, Civil Engineering, GITAM University. Er. Yedukondalu, Secretary, ICI-APHC explained in detail about the activities of ICI. Er. Ar.SP. Anchuri, in his inaugural address spoke about the role of ICI and ICI-APHC in particular, in disseminating new Technologies as well as the research work being carried out in industry and it was informative for budding Engineers. He emphasized the need for everyone to be part of ICI so as to involve themselves to know what is happening in industry and to keep updated on the latest practices.

Dr. N.V. Ramana Rao, Registrar, JNTUH inaugurated the Students Chapter along with Er. Ar.SP. Anchuri. They also distributed the membership certificates to the students. Sri C. Sekhar Reddy explained the role of CREDAI in development of infrastructure in the Country. He mentioned that as the infrastructure grows in tandem with the population, opportunities for civil engineers

also brighten. He expressed that the course content in the education system must be in such a way that it enhances the employability. He emphasized that students in the final year, must be sent to apprenticeship in construction companies before awarding the Degree. He also stressed the need of Green Technology in construction.

The Key note Speaker for the days function Er. V.B. Gadgil emphasized on Infrastructure development in the country. He explained in detail about the Metro Rail Project.

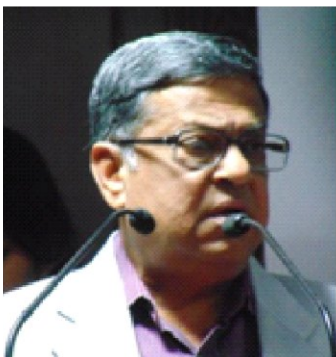
The valedictory function of a Two-Day Workshop was held on 20th evening. In the valedictory function, the students expressed their happiness and thanked GITAM University and ICI APHC for providing brainstorming technological sessions on Cement and Concrete. Nearly 300 participants from various Colleges and Universities, Researchers, Practicing Engineers participated in the Workshop.



Dignitaries on the Dais



Er. Ar. SP. Anchuri



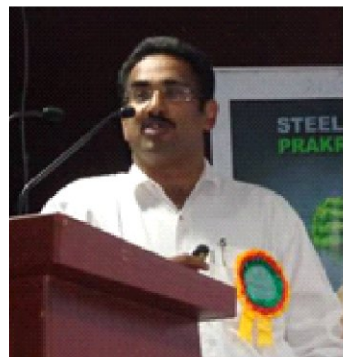
Er.V.B.Gadgil



Er.C.Yedukondalu



Dr.Sheshadri shekhar



Mr.Mavul Rao

ICI - RAJASTHAN CENTRE

1. Technical Seminar:

The ICI-Students Chapter of Anand International College of Engineering, Jaipur organized a seminar on "Jaipur Metro-A Precast Concrete Experience" on 3rd March 2014 in the college premises. The faculty members and students from various Engineering Colleges of Jaipur participated in



Mr. Hitesh Mogra briefed the activities taken up by the ICI-Rajasthan Centre so far and also about the future plans. He urged the students to actively participate in all the events organized by ICI and keep themselves updated with the latest technology being used in the country and abroad in the field of construction.



A Lecture was delivered by Prof. Anurag Misra on the Precast Concrete Technology used in Jaipur Metro. He expressed his views on the various design concepts and the peculiarity of the structural design of Metro and even laid stress on the crucial role, a civil engineer plays in construction of such huge and modern

the event. The esteemed Guests, Prof. Anurag Misra, Director, A.I.C.E. and Chairman, ICI-Rajasthan Centre and Mr. Hitesh Mogra, Secretary, ICI-Rajasthan Centre were greeted by Mr. Anirudh Mathur, Head, Civil Engg., A.I.C.E.



structures. The execution procedures adopted for casting, transporting and launching of precast components were also highlighted by him. He concluded that the Precast Concrete Technology is the most economical, safer and advanced technique that will find wider acceptance for future construction.

Vote of thanks was presented by Mr. Anirudh Mathur, wherein, he quoted that 'World is the biggest laboratory for a Civil Engineer' and all the students should try exploring and learning things associated with their field in everyday life.

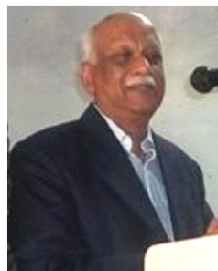
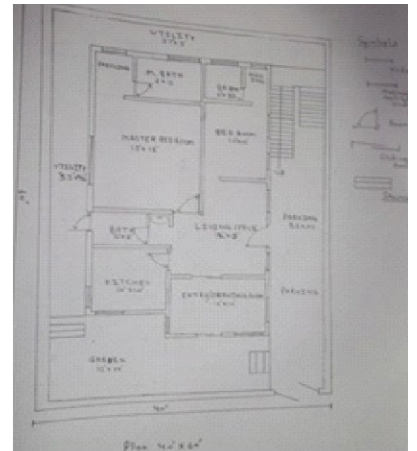
2. Technical Lecture:

ICI-Rajasthan Centre and UltraTech Cement Ltd., Jaipur organized a Technical Lecture on

“Cement Manufacturing Process & Characteristics” on 4th March 2014 in the Jaganath University premises at Jaipur. Mr. Bharat Nagar, HoD, Civil Engineering Deptt., Jaganath University welcomed Mr. Hitesh Mogra, Regional Head Technical, UltraTech Cement Ltd., Jaipur & Secretary, ICI-Rajasthan Centre. More than 100 students of Civil Engineering branch along with faculty members attended the Lecture. Mr. Hitesh Mogra delivered very informative Lecture on Cement Manufacturing Process, Types of Cement, Characteristics of Cement and difference between OPC & PPC Cement.



After the lecture, two competitions were organised for the students. One was Quiz related to cement manufacturing process & its characteristics of cement and other one was making of Building Drawing.



Winners were awarded by Prof. Y. S. Sisodia, Pro. Vice-Chancellor, Jaganath University and Mr. Hitesh Mogra. Prof. Y.S. Sisodia shared his experience and gave very encouraging speech. He



acknowledged the efforts of ICI and UltraTech Cement Ltd., for organizing such Lectures for Civil Engineering Students.

Program ended with vote of thanks by student.

ICI - PUNE CENTRE

ICI-PC-Birla Super Award 2013:

ICI-Pune Centre organized ICI-PC-Birla Super Award on 22nd March 2014 at Hotel SUN-N-SAND, Pune with the theme of “Development of a Global Financial Hub at Gift City Opportunity for Developers, Architects and other Professionals”. Mr. Dipesh Shah,

Vice President, Business Development, Gujarat International Finance Tec-City Co. Ltd., was the Guest Speaker on the occasion. More than 200 participates graced the Award Ceremony.

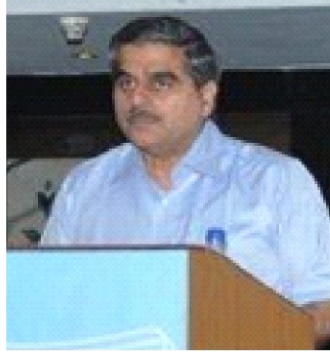
SPEAKERS



Mr. A.K.Jain



Mr. Dipesh Shah



Mr. Deepak Khanna



Mr. Dhairyashil Khairepatil

PHOTO GALLERY



Mr. Vinay Chordia, Managing Director, Adwitiya Projects (I) Pvt. Ltd. with his team



Audience



Team members of SCON Projects Pvt. Ltd.



Team members of Gangotree Architects & Designers Pvt. Ltd



Team members of Platinum Constructions



Team members of Ishwar Parmar Group



Team members of B.G.Shirke Group



Team members of Shapoorji Pallonji

WINNERS LIST

CATEGORY: COMMERCIAL/PUBLIC

Structure : New International Cricket stadium for Maharashtra Cricket Association, Gahunje, Pune

Contractor: Shapoorji Pallonji & Co. Ltd

Owner : Maharashtra Cricket Association

Architect : Metaphors , Pune

Structural Consultant : Eco Designs India Pvt. Ltd. Pune

Contractor : Ishwar Parmar Group, Pune

Architech : Achalkar and Tatooskar Architect, Pune

Structural Consultant : J + W Consultants, Pune

CATEGORY : COMMERCIAL... (JURY'S SPECIAL RECOMMENDATION)

Structure : Office building for Elantas Beck India P Ltd, Pimpri

Owner : Elantas Beck India P Ltd.,Pune

Contractor: Adwitiya Projects (I) Pvt ltd, Pune

Architects : Core Architecture and Project Management, Pune

Structural Consultant : Mr Sudhir Kulkarni, Pune

CATEGORY :INDIVIDUAL BUNGALOW

Structure : Country House, Nandgaon, Taluka Mulshi, Pune

Contractor: Mr Abhijit Deosthalee, pune

Owner : Dr Laxman Kulkarni

Architect : Gangotree Architects Pvt Ltd

Structural Consultant : Mr Himanshu Tulpule

CATEGORY : RESIDENTIAL

Structure : Pride Platinum, Baner,Pune

Owner : Mr Arvind P Jain

Contractor: Platinum Constructions,Pune

Architect : Abhikalpan Architects and Planners, Mumbai

Structural Consultant : G A Bhilare and Associates, Pune

CATEGORY : INDUSTRIAL

Structure : Kone Cranes, Jejuri, Dist Pune

Contractor: SCON Projects P Ltd.,Pune

Owner : Kone Cranes, pune

Architect : Prashant Deshmukh & Associates

Structural Consultant : Bhilare & Associates, Pune

CATEGORY : RESIDENTIAL..... (JURY'S SPECIAL RECOMMENDATION)

Structure : River residency, Chikhli, Pune

Owner : Ishwar C Parmar

CATEGORY : INFRASTRUCTURE

Structure : Flyover and ROB at Nashik Junction on Old Mumbai- Pune highway Including Bridge on River Pawana

Contractor: M/s B G Shirke Construction Technology P Ltd.,Pune

Owner : Pimpri Chinchwad Municipal Corporation

Structural Consultant : STUP Consultants Plt Mumbai

Project Management Consultants : Consulting Engineering Services (I) P ltd.,Mumbai



ICI - MP BHOPAL CENTRE:**Technical Seminar:**

A seminar on “Concrete Roads & White Topping” was held on 24th March, 2014 at Hotel Lake View Ashok, Bhopal (M.P.) in association with UltraTech Cement Limited, New Delhi, Cement Manufacturer's Association, New Delhi, Civil Engineering Technology Development Centre (CETDEC), and S.A.T.I., Vidisha. The Supporting Organisations of the Seminar were PWD, Govt. of M.P.; Rural Engineering Services (RES), M.P.; Madhya Pradesh Rural Road Development Authority (MPRRDA), MP, Bhopal and Institute for Infrastructure and Human Resource Development, Vidisha, MP. The programme was targeted for the benefit of Road Construction Companies, Contractors, Government Agencies working in the field of Infrastructure Development, Practicing Engineers, Consultants, Academicians, Students of Civil Engineering, Cement Manufacturers, Ready Mix Concrete Manufacturers and other stake holders of the concrete industry. The seminar was attended by more than 150 participants.

Shri K. K. Singh, IAS, Principal Secretary, PWD, Govt. of MP, was the Chief Guest of the programme, Shri Vijay K. Verma, Secretary, PWD, Bhopal was the Guest of Honour. Dr. Navin Chandra, Director, AMPRI, Bhopal; Shri Akhilesh Agrawal, Engineer-in-Chief, PWD, Bhopal; Shri N.K. Kashyap, Chief Technical Examiner, Bhopal; Shri M.K. Gupta, Engineer-in-Chief, MPRRDA, Bhopal and Shri P.K. Katare, Engineer-in-Chief, RES, Bhopal were the Special Invitees for the Seminar.



In the Inaugural Function, Dr. A.K. Jain, Hon. Secretary, ICI-MP Bhopal Centre provided an overview of the objectives and activities of ICI. He informed about the role played by ICI in dissemination of time tested and proven technologies and information related to the concrete technology in today's time of ever growing concrete industry. Dr. J.S. Chauhan, Chairman, ICI-MP Bhopal Centre presented the welcome address. He emphasized on the need of continuous professional development of the construction fraternity, proper dissemination of technical information to the root level peoples involved in the infrastructure development activities, periodical training of relevant stake holders and establishing a workable, realistic, monitoring mechanism to ensure durability of the infrastructure being developed in the State.

Shri. Shashikant Gaggar, Vice President (Technical) UltraTech, New Delhi welcomed the Guests, Dignitaries and Participants on behalf of UltraTech Cement Limited and informed about the efforts and initiatives of the company to update the technical information and capacity of the civil engineering fraternity of the nation to deliver sustainable infrastructure to the country.

Shri P. K. Shrivastava, Chief Engineer and Additional Secretary, PWD M.P. stated about the importance of this Seminar and need of the civil engineering fraternity to update their professional competence to remain relevant in the industry at National and International level. He also emphasized the need of



organizing such events at regular basis in order to bring and adopt the latest technology to keep the infrastructure development in the state at par with the rest of the world.

Shri. P. K. Katare, Shri. M. K. Gupat and Shri. Akhilesh Agrawal presented their views on the issues related to the construction of concrete road, and practical problems they face. They insisted to make efforts to incorporate the necessary amendments and new proven and desirable recommendations in the relevant IRC code in order to facilitate their use in the field.

Dr. Navin Chandra informed about the achievement of his team in developing cementless concrete (Polymer Concrete), its properties in comparison with the traditional concrete, present status of the laboratory exploration, benefits of use of polymer concrete and future course of the research.

Shri Vijay K. Verma emphasized on the need of good road network for the economic growth of a country. He expressed that concrete road are being more popular because of their superior performance and longevity and added that at the same time, incorporation of quality assurance as major attribute in activities related to concrete road construction are of paramount importance.

Shri K. K. Singh addressed the gathering and expressed that the State of M.P. is quite rich as far as the availability of resources are concerned, but it requires the continued efforts of the planners, executives, contractors, material suppliers, supervisors and all other stake holders of the infrastructure development industry, to convert this resource of the State into prosperity. He thanked the organizers for organizing of such a highly awaited and required event for civil engineering fraternity of the State and for inviting world renowned professionals to deliver lectures during the seminar. He asked the participants to take maximum benefit from this event by ensuring an active participation and also to get their doubts resolved by having a discussion with the invited subject experts.

Er. Mithlesh Kumar, UltraTech presented vote of thank at the end of the inaugural session.

Four technical presentations were made during the day on various theme related to the concrete roads and white topping. Dr. L. R. Kadiyali, New Delhi delivered his presentation on "Sustainable Cost-Effective Option for Road Pavements". He spoke on the implications of construction of bituminous roads in future and present construction trend and practices.

Mr. Mithlesh Kumar spoke on Software for Design of Pavement. The software has been developed by CMA in association with L.R.Kadiyali Associates. He compared the cost of Bituminous Road and Concrete Road using Software.

Shri. Binod Kumar, CRRI, New Delhi talked about "Construction of Concrete & Roller Compacted Concrete Pavements" and also discussed about the importance of establishing a well defined Quality Assurance Process before construction of a concrete pavement.

Shri Shashi Gaggar presented a case study on White Topping work carried out in Jaipur. Shri A.K.Jain Technical Advisor, UltraTech Mumbai delivered a technical presentation on white topping. He shared his experiences of being associated with various projects incorporating white topping, its advantage over bituminous concrete for overlaying or repair or maintenance. Participants exhibited in depth participation and involvement in the seminar by asking questions and by getting their doubts clarified. Dr. A. K. Jain proposed vote of thanks to all for making the seminar a grand success in achieving its goals



ICI - KOCHI CENTRE:

1. Quiz Competition:



Second Prize: ToCH Institute of Science & Technology

ICI-Kochi Centre conducted this year's Intercollegiate Quiz Competition, Crescere'14 for final year Civil Engineering Students on 1st March 2014. The competition was launched in 2012 to provide a unique platform for the budding civil engineers to demonstrate their knowledge and benchmark it with fellow students. The first round of the competition, Written Round, was open to the student chapters and final and pre final year students of institutions having organizational membership. The event was coordinated by the Chapter Advisors of the respective Institutions. Students from 9 Institutions of Ernakulam, Kottayam, Alleppey, Trivandrum and Calicut Districts participated in the competition. Top two students from each Institution were identified after the first round. The elimination round and grand finale was held on 1st March 2014 at Da Vinci Auditorium, AISAT. 150 delegates, including Academicians, Professionals and Students attended the function. Er. Shelly S Fernandez, Chairman, ICI-Kochi Centre welcomed all. The competition was conducted by Eminent Quiz Master, Mr. Q, who has done over 1250 live quizzes and over 145 Episodes on TV channels.

Prizes were given away by the Guest of Honour, Er. Shelly S. Fernandez and Prof. Anitha G Pillai, Secretary, ICI-Kochi



First Prize: College of Engineering, Trivandrum

Centre. Rohit Krishnakumar and Thomas Jose from College of Engineering, Trivandrum won the first prize comprising of individual certificates and a cash award of Rs. 5,000/- along with a certificate of appreciation and trophy for the Institution. Arjun Murali and Akhil Kurien from ToCH Institute of Science & Technology, (TIST), Ernakulam, bagged second prize and received individual certificates and a cash prize of Rs. 3000/- along with a certificate of appreciation and trophy for the Institution. K. Preet and N. Lawrel Vishnuraj from SCMS School of Engineering & Technology, Karukutty won the third prize of Rs. 1500/- and certificate of appreciation. Anoop S. Nair and Swathi Soman from St. Joseph's College of Engineering and Technology, Palai, who came to the final round were awarded Rs. 1000/- and certificates. Rest of the five teams, the college toppers, were awarded Rs. 500/- each.



A View of the audience

2. Guest Lecture:

The second talk in the series lectures "Upgrade to Update" was held on 6th March 2014 on the topic "Scientific Aspects of Vasthu Sasthra" at Rajiv Gandhi Indoor Stadium Conference hall. The session was handled by Er. Prasanth Narayanan Namboothiripad, Temple Architect. Mr. Mohan Kumar S., Vice Chairman, ICI-Kochi Centre delivered the welcome address and Er. Alexey John, EC member, ICI-Kochi Centre rendered vote of thanks. A total of 30 Delegates attended the programme.



Er. Prasanth Narayanan Namboothiripad addressing the gathering

22nd ICI ANNUAL AWARDS - 2014

Nominations are invited for the following Awards:

01. ICI - Outstanding Concrete Technologist Award
Sponsored by M/s.Fosroc India Ltd
02. ICI - Life Time Achievement Award (N)
Sponsored by M/s.Jaiprakash Industries
03. ICI - Life Time Achievement Award (W)
Sponsored by M/s.BASF India Ltd
04. ICI - Life Time Achievement Award (E)
Sponsored by M/s.Civil Aid (Bureau Veritas Group (India))
05. ICI - Life Time Achievement Award (S)
Sponsored by M/s.Larsen & Toubro Ltd.
06. ICI - Outstanding Concrete Structure Award
Sponsored by M/s.MC-Bauchemie India Pvt Ltd
07. ICI - Outstanding Prestressed Concrete Structure Award
Sponsored by M/s.BBR India Ltd
08. ICI - Young Scientist Award
Sponsored by Dr. V. Ramakrishnan
09. ICI - Innovative Application of Special Concretes Award
Sponsored by M/s.UltraTech Cement Ltd
10. ICI - Best Ph.D Thesis in Concrete Award
Sponsored by The Master Builder
11. ICI - Dr.A.Ramakrishna Award for the Best Project with Precast Concrete in India

Nomination Forms for S.Nos. 01, 06, 07, 09 & 10 can be downloaded from our website: www.indianconcreteinstitute.org

Mail to ici4@airtelmail.in or contact us at 044-24912602 for more info on Awards.

R.Radhakrishnan
Secretary General



MEENAKSHI SUNDARARAJAN ENGINEERING COLLEGE - CHENNAI

Inauguration of ICI Students Chapter:



ICI Students Chapter of Meenakshi Sundararajan Engineering College, Kodambakkam, Chennai was inaugurated on 14th February 2014. Mr.S.Ranjith Kumar, Secretary of ICI Students Chapter, MSEC welcomed the gathering. Prof.K.S.Babai, Principal of the College felicitated the occasion. Er.R.Radhakrishnan, Secretary General, ICI, briefed about ICI, and its activities and the importance of Students

Chapter for the benefit of civil engineering students. He also mentioned that the main objective of this Students Chapter is to organize various activities to enhance the skill of students. Er. K. Jayasankar, Asst. Vice President, UltraTech Cement Ltd, Chennai delivered a technical lecture on “Challenges in Making a Good Concrete - Better.” He made the session very interactive and enlightened the students on the practical aspects and Dos and Don'ts in making durable concrete. Membership certificates were distributed to the student members. Prof.V.S.Sampath,HOD, Dr.L.Ramajeyam, Dean, Prof. R.Arivazhagan (MSEC, ICI Coordinator) and all other Faculty Members of Civil Engineering Department took part in the inaugural function.



ALL INDIA SHRI SHIVAJI MEMORIAL SOCIETY'S COLLEGE OF ENGINEERING PUNE

Guest Lecture:

ICI Students Chapter of Civil Engineering department organized an Expert Lecture on “Quality Assurance of Concrete Works” on 19th March 2014 by Mr. Hemant Joshi, Assistant General Manager QA/QC, Shapoorji Pallonji & Co.Ltd. Pune. Mr. R. M. Telang addressed the gathering. During the lecture, Mr. Hemant

Joshi explained the difference between quality assurance and quality control and a brief idea of ISO certification. The Lecture was very informative for all the students and it was concluded with vote of thanks by student Mr. Adarsh Jain.

PHOTO GALLERY



NANDHA ENGINEERING COLLEGE - ERODE

1.Site Visit:

The ICI Students' Chapter and Department of Civil Engineering of Nandha Engineering College arranged one week in-plant training for the students at Dalmia Research Centre. A batch of five members from second year underwent in-plant training from 6th to 11th

Jan 2014. During the training, students acquired wide knowledge on testing of raw materials like cement, coarse and fine aggregates and concrete, using state of the art equipments. The R&D ambience was a good exposure to students.



Students during Testing of Cement at Dalmia R&D Laboratory

2. A National Level Technical Symposium:

A National level Student Technical Symposium REICONS'14 was organized by the ICI-Students Chapter on 14th February 2014 at the conference hall of the college. The Event was inaugurated by Er.K.Rajeevan, Chief Engineering Manager, Larsen & Toubro

Ltd, Chennai and Dr.S.T.Ramesh, Associate Professor-Civil Engg, National Institute of Technology, Trichy. The Chief Guests were honoured with a Shawl by Dr.S.Arumugam, Principal. Dr.E.K.Mohanraj, Dean presented Mementos to the Chief Guests and

Ms.N.Vanathi, Convener Welcomed the Gathering. Er.K.Rajeevan and Dr.S.T.Ramesh delivered Technical Lectures on Modern Equipments and Techniques used in Civil Engineering and spoke on the Importance of Civil Engineers in the Modern World. Er.K.Rajeevan released the Concrete News Bulletin to Dean Dr.E.K.Mohanraj and Dr.S.T.Ramesh handed over the Souvenir to Principal Dr.S.Arumugam. Various Events like Paper Presentation, CADD Contest, Poster

presentation, Quiz Competition, Treasure Hunt etc were conducted on this occasion. There was wide spread participation from 80 Colleges across Tamil Nadu. The Guests distributed Certificates and Prizes to Winners of Various Competitions and Mr.S.V.Arun Prasanth, Student Joint Secretary presented the News Letter for the year 2013. The Event Concluded with Vote of Thanks by Mr.V.Akash, final year student.

PHOTO GALLERY



3.Site Visit:

Third Year Civil Engineering students of the ICI Students Chapter, visited the construction site of Culvert Bridge and Railway Flyover Project at Erode on 25th Feb 2013. The students acquired more knowledge on

practical aspects in the construction of a Flyover. This Railway Flyover will become the biggest in Erode once the construction is completed.



Students at Railway Flyover Project site

4.URC In-plant training

The ICI Students' Chapter arranged one week in-plant training for the students at M/s. URC Construction Pvt Ltd. A batch of four members from final year underwent in-plant training from 23rd to 28th of Dec 2013. URC Constructions practices Lean Concept in construction for effective utilization of

resources. During the training, apart from Lean practices, students acquired knowledge on site work, project management, advanced construction materials, construction and site safety, stores management and above all, importance of time management.



5. Gate Forum

The ICI Students' Chapter organized a presentation on "Explore the Engineer in You" by Mr. Saravana Kumaran, Director, GATE Forum, Coimbatore. The presentation is about the importance of GATE which is a gateway to pursue higher studies and to get placed in reputed organizations. The resource

person from GATE Forum created awareness on the Graduate Aptitude Test in Engineering. He briefed on the qualification required for the candidates, eligibility criteria, list of GATE papers and corresponding codes. He also detailed about the GATE and clarified the doubts.

6.Campus Recruitment Drive



The ICI Students' Chapter organized Campus Recruitment by Renaatus Projects Pvt. Ltd., Chennai headed by Er. Thugaram on 22nd March 2014 .

Er. Thugaram explained the opportunities available for Civil Engineers and added that the Engineers need to have clear views on their

areas of interests. He also explained the ongoing projects of his firm in which the selected students will be placed. The students had good interaction with the Guest of the day. Finally, three of the final year students were selected and appointed as Site Engineers. The Guest was honoured with a shawl and memento by Dr. E. K. Mohanraj, Dean and Mr. K. Prakash, HoD Department of Civil Engineering.



M.P.NACHIMUTHU M.JAGANATHAN ENGINEERING COLLEGE, CHENNIMALAI

Guest Lecture



A Guest Lecture was organized on 5th March 2014 by ICI Students Chapter at M.P.Nachimuthu M.Jaganathan Engineering College, Chennimalai. Shri. Vinodh Balachandran, Assistant Sales Manager of

BASF India Ltd, Chennai was the Chief Guest. In his address, he spoke about the latest trends in concrete technology and various admixtures used in concrete. He also gave guidelines on the new equipments used in construction Industry. Dr.Tmt.Vasantha Sudhanandhen, Correspondent presided over the function. Dr.S.Shanmugasundaram, Principal, offered felicitation. Earlier, Prof.A.Gopalan, HOD, Civil Engineering Department welcomed the gathering. Finally, the final year Civil Engineering student Selvi.V.Yasodha proposed vote of thanks. All the arrangements were made by coordinator along with the staff members and students.

S J B INSTITUTE OF TECHNOLOGY, BENGALURU

Inauguration of ICI - Students Chapter:



Dignitaries Lighting the Lamp

The inauguration of the ICI-Students Chapter was held on 8th March 2014 at the Seminar Hall of SJB Institute of Technology, Kengeri, Bengaluru. The Dignitaries present on the dais were Er. M.N. Ramesh, Principal Consultant- Enstrectura Consultants, Bengaluru, Dr. R Nagendra, Chairman, ICI-KBC, Dr. Radhakrishna, ICI-KBC Students chapter coordinator and Dr. Puttaraju, Pricipal, SJB IT, Bengaluru. Prof. CSMV Prasad, HoD, Civil Engineering

introduced the Dignitaries and welcomed the gathering. Later, Dr. R. Nagendra briefed on the activities of ICI and Students Chapter in particular. Dr. Puttaraju delivered an inspirational and motivational speech. The students were highly motivated with his speech. Later, Er. M.N. Ramesh spoke about the importance of ICI-Students Chapter. Dr. Puttaraju presided over the ceremony. The program concluded with the vote of thanks by Prof. R L Ramesh.

Two Guest Lectures were delivered after the break, followed by a Quiz. The first talk was by Er. M.N. Ramesh on the topic of "Concrete King of construction materials." It was an Innovative talk covering the broad area of concrete technology from basics to the present advancement in the field. He enlightened the crowd about the importance of cement and concrete as a construction material and its versatility. He also illustrated wonderful constructions in the world scenario and urged

them to get educated about the concrete and its applications. He stressed the importance and necessity of safety measures to be adopted at site and off the site. It was very informative and educative for the students and faculty members. The second talk was followed by Dr. R Nagendra who spoke on "Testing of RC structures by Non Destructive and Semi Destructive Methods". The talk covered the importance of health monitoring of structures using NDT and semi NDT techniques to ascertain the quality of concrete and structure as a whole. He discussed in detail, the types of testing equipments like rebound hammer, Ultrasonic Pulse Velocity Method, Covermeter, Impact Echo Test,

Permeability Test and Half Cell Potential Measurement Test. The advanced trends in the field of Civil Engineering were explicitly brought to light through site examples with photographs which was a boon for the students.

A short quiz on 'concrete' was conducted based on the two presentations given by experts Er. M. N Ramesh and Dr R Nagendra. It was arranged and hosted by Harikrishna R and Pruthvi Sagar D.S., 8th semester students. Prizes were distributed to the winners.

Mr. Abhinav M.B of 6th semester was the Master of Ceremony and Miss. Sahana R of 8th semester was the Anchor.



Dignitaries on the Dias



Certificate Distribution



SRM UNIVERSITY, RAMAPURAM CAMPUS

1. Site Visit:

ICI Students Chapter of SRM University, Ramapuram Campus arranged a visit on 14th Feb 2014 to Madras Atomic Power Station (MAPS) and BHAVINI located at Kalpakkam Chennai, India. MAPS has comprehensive nuclear power production, fuel reprocessing, and waste treatment facility that also includes

plutonium fuel fabrication for fast breeder reactors (FBRs) in its subsidiary company named Bharatiye Nabhikiya Vidyut Nigam Limited also called as BHAVINI. It is India's first fully indigenously constructed nuclear power station. Mr. V.K Ramesh, Engineer at MAPS-1, gave an introductory lecture. The

station has reactors housed in a reactor building with double shell containment ensuring total protection, even in the remotest possibility of loss of coolant by accident.

During the site visit of MAPS-1 Mr. C.R Mohan Pillai, who is working as production incharge at MAPS-1 explained about the reactor and the process involved in the generation of electricity, using a type of pressurized heavy water reactor (PHWRs) in MAPS-1 and MAPS-2.

After MAPS, students also visited Bharatiya Nabhikiya Vidyut Nigam Limited (BHAVINI)

which is a wholly owned Enterprise of Government of India under the administrative control of the Department of Atomic Energy (DAE) with the objective of constructing and commissioning the first Fast Breeder Reactor (FBR) which is a second generation reactor at Kalpakkam and to pursue construction, commissioning, operation and maintenance of subsequent Fast Breeder Reactors for generation of electricity in pursuance of the schemes and programmes of Government of India under the provisions of the Atomic Energy Act,1962.

2. Essay writing Competition:

An Essay writing competition was organised by the ICI Students Chapter of SRM University, Ramapuram Campus for all the students of Civil Engineering Department. The topics given for the essays on the spot were, 1. Ethical Practices in Civil Engineering 2. My dream Vision as a Civil Engineer and 3. Uttarakhand Disaster Causes, Devastation, Mitigation and Management. There was an overwhelming response from the students and 54 students participated in the competition,

under the supervision of Dr.T.Ch.Madhavi, Professor & HOD/Civil Engg and Ms. Nithyambigai, Asst. Professor. After the evaluation by external judges, the following students were declared as winners. Attractive Cash Prizes were awarded to the winning students.

- 1) Girish.R.Pandey - Ethical practices
- 2) Prantik Chakraborty - Uttarakhand Disaster
- 3) Radhika Harshini.V. - Uttarakhand Disaster



Students writing Essays



Students participating in the Competition

3. Guest Lecture:

A Guest Lecture on Innovative process of Ultrafilter for recycling of waste was arranged by the ICI Students Chapter of SRM University, Ramapuram Campus on 19th March 2014 by Dr. Sudhakar who has served as a Scientific Chemist at the Madras Atomic Power Station. Dr. Sudhakar talked about the importance of water conservation and treatment techniques such as desalination, in

countries where the availability of fresh water is scarce. Videos were played on reverse osmosis technique which was very informative. He then explained with a video presentation about semi permeable membranes, their properties, chemistry and arrangement. Devices such as Energy Recovery Turbines and Pressure Exchangers can be used to save energy during reverse



osmosis, he added. The lecture was very useful for the students to understand the

water treatment techniques, especially Desalination and Reverse Osmosis.



Dr. Sudhakar



Audience

4. Site Visit:

Final year students of ICI-Students Chapter visited a construction site where a prefabricated building was under construction. Students were accompanied by Dr.T.Ch.Madhavi, Professor and HoD/Civil Engineering. The structure was a commercial building with ground +1 floors. The construction was carried out by a Chinese team from Wujiang WellBrand Prefabricated House Manufacturing Co Ltd. Mr. Victor Xu, a member of the team explained the construction process in detail and

demonstrated the placing of 75 mm thick sandwich panel walls with core filled with EPS/rock wool. The Roof was a single steel sheet with 75 mm thick sandwich panel core. The inside walls were 50 mm thick. The steel frame was a double 80 mm C Channel beam/Column. The erection of all prefabricated panels were completed in 5 days and the complete jointing and placing was explained by the Engineers. The visit was very interesting wherein innovative techniques of construction were witnessed.



Mr. Victor Xu explaining the process on site



Roof and wall panels

CONDOLENCE



Dr. A. K. Pandey

Dr. A. K. Pandey, Immediate Past Chairman of ICI-Uttarakhand Centre passed away on 28th March 2014. He was the senior Principal Scientist in CBRI specializing in Structural Engineering. He has presented and published several papers in the National and International Conferences and was the member of BIS committee CED-37. ICI conveys its heartfelt condolences to the members of the bereaved family and pray the almighty for his soul to rest in peace.

ADHIPARASAKTHI ENGINEERING COLLEGE, MELMARUVATHUR

1. Guest lecture:

Mr. L.S.Kannan, AGM, L&T, ECC Division, Chennai conducted Hands on Training on Concrete Mix Design for the benefits of ICI student members of department of Civil Engineering on 8th Feb 2014. He explained

various aspects of making concrete as per the mix design. As the topic of training is covered in the curriculum, students derived much benefit from the programme.



Mr. LS. Kannan



Demonstration

2. Industrial visit:

Second year ICI student members visited India Cements, Talavai and Sankar Cements, Viruthachalam on an industrial visit programme, on 27th Feb 2014. The Engineering personnel of the plant explained to them the process of cement manufacturing. Students were delighted to observe the manufacturing process what they studied in the classrooms.



3. Guest lecture:



Mr.E.Rajarajan

A Guest Lecture was organized by the department of Civil Engineering on 27th Feb 2014 at which Mr.E.Rajarajan, Regional Marketing Manager, Pidilite Industries Limited, Chennai, delivered a talk on Water Proofing of residential and commercial buildings. He explained to the students the importance of water proofing and various Methods and Materials available for water proofing. This

was followed by a demonstration by Mr. P.V. Purushothaman Babu, Cluster Market Development Incharge of the same company.



Mr. P.V. Purushothaman Babu in Demonstration

4. Site visit:

Third year students of the Department of Civil Engineering were taken to the Water treatment plant at Kilpauk, Chennai, on an Industrial visit programme on 26th Feb 2014. The staff managing the plant explained various processes of water treatment to make

in potable. The water distribution network was also explained. Students appreciated the visit as they had the opportunity to observe physically what all they studied on “Water Treatment” in the classroom.



Students at Water treatment Plant

SSN COLLEGE OF ENGINEERING - KALAVAKKAM

Inauguration of ICI - Students Chapter:

The 97th ICI Students Chapter was inaugurated on 25th March, 2014 at SSN College of Engineering, Kalavakkam in the Mini Auditorium. The session started with the prayer song followed by the constructive speech by Shri. R. Radhakrishnan, Secretary General of ICI, explaining the role of ICI Students Chapter in enhancing the employability of graduating engineers. The inaugural address was given by Prof. Ravindra Gettu, Chairman, ICI-TN Chennai Centre briefing the importance of Students Chapter and introduced the Executive committee members of ICI Students chapter. As a token of remembrance, mementos were presented to them by Dr.S.Ramana Gopal, HOD and

Dr.B.Mahalingam, Faculty Coordinator. The function concluded with vote of thanks by General Secretary of ICI Students Chapter.

On the same day, a one day workshop on “Recent advances in concrete Technology” was conducted by the eminent speakers from both Academic and Research Organizations. Speakers for the day were Dr.Ravindra Gettu, Professor, IITMadras, Dr. Radhakrishna G Pillai, Assistant Professor, IITMadras, and Dr. N.P. Rajamane, Head, Centre for Advanced Concrete Research, SRM University. A total of 230 participants attended the workshop which included 95 Students from other Engineering colleges in and around Chennai.





Inauguration of ICI - Students Chapter:

The Inaugural Function started in the presence of Dr. C.P. Karthikeyan, Dean, School of Mechanical and Building Sciences, VIT Chennai, Programme Chairs, Faculties and the students of Civil Engineering stream. The Chief Guests Prof. Ravindra Gettu and Er. K. Jayasankar graced the function by their presence and were welcomed by a thunderous applause under sheer admiration and respect for them. Prof. V. Vasugi, Faculty Co-ordinator, ICI Students Chapter, VIT Chennai, presided over the podium and delivered the welcome address. Dr. C.P. Karthikeyan, spoke of the excellence in research as well as patents possessed by the highly qualified faculties of the School. Later,

Prof. V. Vasugi introduced the Chief Guests and they were honored by the Dean. The inaugural address was delivered by Er. K. Jayasankar. He inspired all to work hard to achieve success as a unit to make the students' chapter of ICI at VIT Chennai a grand success and to grow up as the best students' chapter of India. The Students Chapter office bearers were introduced by Abhishek Chakraborty. Mr. Ashwani Kumar Jha (President), Mr. Abhishek Chakraborty (Vice-President), Mr. Tanmay Ramani (Secretary), Mr. Satyam Singh and Ms. Geetanjali Tiwari (Joint Secretaries), Mr. Aditya Garg and Mr. Raghav Baheti (Treasurers) were introduced.



Students got a chance to listen to the scintillating Guest Lecture by Prof. Ravindra Gettu. He touched on the various facets, starting from self-compacting concrete to

tunnel liners, to the modes of concrete placing to methods of curing the concrete etc. The inaugural function came to an end when the vote of thanks was delivered by Satyam Singh.



Sl.No.	M.No	Centre	Name	Place
A. Individual Life Members				
1	10298	Bengaluru	Mohamed Samadh S. Er	Bengaluru
2	10299		Srinivasa K. Er	Dharmavaram (KA)
3	10300		Chandramouleeswar S. Er	Bengaluru
4	10305		Raghavendra S.V. Er	Bengaluru
5	10296	Chennai	Chandra Bose T. Er	Chennai
6	10297		Muthukumaran. Er	Chennai
7	10310		Narayanan G. Dr	Chennai
8	10307	Goa	Vikrant Naik Dessai. Er	Madgao
9	10308		Rajendra G. Hegde. Er	Panaji
10	10306	Mumbai	Anil S Kulkarni. Er	Navi Mumbai
11	10304	Odisha	Siba Prasad Tripathy. Er	Rourkela (Odisha)
12	10301	Puducherry	Mythili V. Er	Puducherry
13	10302		Marimuthu K. Er	Puducherry
14	10303	Rajasthan	Sunil Singh. Er	Jaipur
15	10309	Visakhapatnam	Swadesh Kumar Kanaujia. Er	Visakhapatnam

ICI - TECHNICAL COMMITTEE

on

Decorative Concrete (ICI-TC/06)

- | | | |
|----|----------------------|----------|
| 1. | Mr. M. R. Kalgal | Chairman |
| 2. | Mr. Jose Kurian | Member |
| 3. | Mr. M. N. Ramesh | Member |
| 4. | Mr. Raj Pillai | Member |
| 5. | Mr. Anuj Maheshwari | Member |
| 6. | Mr. Vijay R Kulkarni | Member |
| 7. | Mr. Shelly Fernandez | Member |
| 8. | Mr. Yatin Joshi | Member |

to be concluded

ICI - Member Profile

Dear ICI Members,

Pls intimate us if there is any change in your profile by mailing the following particulars to: ici4@airtelmail.in

Name:

Membership No:

Designation:

Office Address:

Mailing Address:

Mobile No:

E:mail ID: