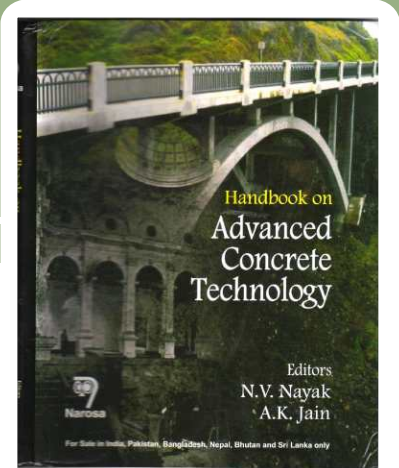




ICI UPDATE

An Electronic-Bulletin from
the Indian Concrete Institute



From the President's Desk



During the 114th GC meeting of ICI, held in Nagpur, the membership fees were increased to cope with expenses of different initiatives undertaken in recent times. The new membership fees will come into effect after a couple of months. Till such time, one can become member of ICI at the existing rates. I request all the members to be part of the membership drive initiated by ICI. It is not out of place to mention that by way of increasing the total number of members, ICI can reach effectively and extend technical support to more and more people involved in concrete construction. It is high time to realize that quality construction is one step forward toward sustainable development.

If we look at the contents of ICI journals for last couple of years, we find very few articles on construction projects carried out in recent times. I request ICI members to contribute more articles on construction projects in India.

You are aware that the first Asian Concrete Federation (ACF) symposium on Ultra High Performance Concrete (UHPC), organized by Indian Concrete Institute (ICI), will be held on October 7th, 2015 in Kolkata. Incidentally, ICI will be simultaneously holding its flagship event ICI-ACECON, 4th Asian Conference on Ecstasy in Concrete at Kolkata from 8th to 10th October, 2015. More over the 10th meeting of the Sustainability Forum will also be held during ACECON at the initiative of Japan Sustainability Forum and ACF. Several experts from India and about 50 foreign experts have already confirmed their participation in these events. I am sure you will agree that this International event of the ICI must be organized in most befitting manner so that the participants from various places in India and abroad go back with a lasting impression about the country, Institutes and leading organizations involved in advancement in concrete construction - particularly in areas of Materials, Equipment, Methodology and Research. The success of these events will depend on active participation of ICI members. I, therefore, request all members to participate in these events either as delegates/speaker (paper presentation)/ sponsors/exhibitors / contributing advertisements.

Nowadays, ICI has become one of the active members of ACF. Incidentally, ICI members can become individual members of ACF by paying the membership fees.

I again appeal to ICI members / well wishers to donate money for the proposed ICI HQ building. I am glad to inform you that there are some responses, but we need more such responses.

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.850/- 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

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ICI - CHENNAI CENTRE

Guest Lecture :

ICI - Chennai Centre and Owens Corning, jointly, in association with Department of Civil Engineering, IIT Madras, organized a technical seminar on “Fibre Reinforced Concrete” for the benefit of its members, at ICSR Auditorium, IIT Madras, on 09th March 2015.

Dr. Ravindra Gettu, Chairman, ICI Chennai Centre, welcomed the gathering and presented on “Fibre Reinforced Concrete-The Indian Context”. Dr. Bryan E. Barragan, Owens Corning, Chambrey, France, gave the technical presentation on “OC Glass Fibres for Concrete and Design of Floors”.

Mr. Upkar Raut, Business Manager (India) for Concrete Solutions, OC Reinforcement, shared the benefits of Owens Corning Products and answered the queries of the participants.

Dr. Ravindra Gettu, during his vote of thanks, requested the Non-ICI members to become ICI members. The programme ended with Dinner.



ICI - NAGPUR CENTRE

National Seminar - AMCON 2015 :



Inauguration

All India seminar on new developments in use of “Alternative Materials for Concrete AMCON-2015” was held on 13th & 14th March-2015 at Chitnavis Centre, Nagpur. The Seminar was organized by ICI-Nagpur Centre. The objective of the Seminar was to create awareness amongst the construction engineers on Modern Concrete Construction Practices using innovative Materials & Techniques.

Er. K.C. Tayade, Vice President (West), ICI, delivered the welcome address.

Er. Manoj Kawalkar, Chairman, ICI Nagpur Centre, highlighted the objective of the Seminar. Theme of the programme was explored by Er. Vivek Naik, GC Member, ICI. The Seminar was inaugurated by eminent Management Guru Shri. Acharya Ajit, on 13th at 10:00 am. A very motivational speech was delivered by Shri. Acharya Ajit. He addressed the delegates to focus on R&D, to bring out alternative materials, to bring Green Revolution and to save Mother Earth.

The Exhibition was inaugurated by Prof. S. Saraswati, President of ICI, after the inaugural function. The Exhibitors were renowned Construction Chemical Manufacturers, Cement Manufacturers, Brick Manufacturers, Sand Manufacturers and Construction Industry Equipment Manufactures. About 500 delegates attended this Two-day Seminar, which prominently included the presence of upper and mid management level designatories from Government and Private Organizations. More

than 200 student delegates were also present for both the days of the Seminar and actively interacted with the Speakers. Total of about 40 technical papers were presented by renowned Speakers from different parts of the country, in the two-day sessions, which includes about 25 keynote papers.

In the concluding session, Executive Director of VIDC, Mr. R.B. Shukla was the Chief Guest. He talked about the use of alternative materials and requested government departments like VIDC, PWD and others to take advantage of latest technological

developments. Past President, Shri. L.K. Jain also shared his views in the concluding session.

Vote of thanks was proposed by Er. Sandeep Shirkhedkar, Organizing Secretary of the Seminar.

The Seminar was a great success due to the wholehearted work by the organizing team of ICI Nagpur, under the leadership and managerial guidance of dynamic and innovative Principal Convener, Er. Vivek Naik and a very young and enthusiastic Chairman, Er. Manoj Kawalkar.



Er. Vivek Naik during the inauguration of AMCON-2015



Prof. S. Saraswati inaugurating the exhibition at AMCON-2015.



Dr. Vinay Gupta presenting a Memento to Dr. Manamohan Kalgal



Shri. Acharya Ajit during his visit to AMCON-2015 Exhibition

ICI - PUNE CENTRE

1. Guest Lecture :

ICI-Pune Centre, in association with Ambuja Cement organized a Guest Lecture on “Shrinkage Reducing Admixture for Concrete” on 27th February 2015 at MCCIA Trade Tower, Pune. The Lecture was by Dr. Viswanath Mahadevan, Technical Head, South East Asia, BASF India. It was very interactive and

informative. More than 130 people were present for the Lecture. The function ended with dinner.



Dr. Viswanath Mahadeven addresses

2. ICIPUNC - Birla Super Award 201

ICI Pune Centre in Association with UltraTech Cement Ltd., celebrated ICIPUNC-Birla Super Award 2014 on the theme “Poetry in Concrete” on 28th February 2015 at Pune. Er. Nangre Patil, Chairman, ICI Pune Centre, welcomed the Invitees and briefed about the Awards. Chief Guest for the function was Mr. Charles Christopher Benninger, who

delivered the keynote address. Earlier, the nominations for the Awards were reviewed by the Juries Committee and the Awardees were selected based on the merit of the nominations. More than 230 participants from in-and-around Pune graced the occasion. The Award ceremony ended up with dinner.



Er. Nangre-Patil



Mr. Christopher Charles Benninger with some of the winners



Mr. Christopher Charles Benninger



Recipients of the Award



Organizers with Chief Guest

3. Guest Lecture :

ICI-Pune Centre in association with Ambuja Cement Ltd. organized a guest lecture on “Building Information Modeling” on 8th April 2015 at Industries & Agriculture Trade Tower, Pune. The Guest Lecture was delivered jointly by Er. Viraj Vodital, Er. Arnav Jain &

Er. Dayesh Jaiswal. The lecture was interactive and was well received by the participants. Around 85 people attended the Lecture. The programme ended with vote of thanks.



ICI - PUDUCHERRY CENTRE

1. One-Day National Seminar :

Indian Concrete Institute-Puducherry Centre conducted one-day National seminar on "Modern Technique in Building Projects" at Puducherry on 7th February 2015. In the inaugural session, Er. S. Suresh, Chairman, ICI-Puducherry Centre welcomed all. Delegates from various engineering colleges, officials from govt. agencies, members of various professional bodies and students took part in the event. Of the total delegates of more than 600 nos, students were around 400. It was a remarkable achievement by the Centre to attract young budding Engineers for this knowledge dissemination event.

Er. P.P. Srinivasan, Chief Engineer, CPWD, spoke on the scope for civil engineers in the construction industry and assured the students all support for their industrial training and gave a very motivational talk. He appreciated Er. Suresh and his team for conducting such type of program, beneficial to the engineering fraternity. Er. R. Radhakrishnan, Secretary General, ICI, spoke about ICI and its activities. The inaugural session came to an end with vote of thanks by Er. S. Narayanapillay, Secretary, ICI-Puducherry Centre.

There were about ten sessions in the one-day National Seminar. Challenges in structural design and case studies in foundation engineering were covered by Dr. K.S. Ramakrishna, Chairman, Deep Foundations Institute of India, Chennai. Different types of modern roof structures, flat slab and PT slab construction for long span buildings was dealt by Mr. A.A.R Mahendiran, Director, Utracon Structural Systems Pvt Ltd, a Singapore based company. The topic on new generation cement and concrete was dealt by

Dr. L.H Rao, Head Technical, JSW Cements Ltd., Hyderabad. He explained about the usage of slag cement to withstand chloride attack. This topic was followed by Waterproofing treatment process in basement and roof structures with case study by Er. Sunny Surlekar, Director, MC-Bauchemie (India) Pvt. Ltd. He explained the methods of chemical treatment for the durability of the concrete to withstand environmental impacts.

Er. O. Arivazhagan from International Institute of Project Management, Chennai, spoke on Project Management Techniques with special reference to time management. A talk on replacement of sand with manufactured-sand and its functional aspects was given by Dr. V. Ramachandra, Vice-President, UltraTech Cement Ltd. Head - Technology Center of L& T (Building & Factories), Er. B. Murugesan was invited to highlight the importance of various type of formwork like slip formwork, doka formwork etc.

Prof. A.R. Santhakumar, Former Dean, Anna University, Chennai, spoke on the design aspects and considerations for designing an earthquake-resistant structure. His lecture was followed by Er. R. Ramani, Director, Kiran Global Chems Ltd., Chennai. He explained the new generation Geo-Polymer concrete and added that students have lot of scope for doing thesis in this subject. Finally, Er. Chandrasekar, Chennai, spoke on Repairs and Rehabilitation of RCC structures.

In the valedictory function, Mementos and Certificates were issued to all the Institutions /Sponsors and participation certificate to all the Delegates.



PHOTO GALLERY



2. Technical Lecture :

ICI-Puducherry Centre jointly in association with PWD, Government of Puducherry organized a technical presentation on 5th September 2014 in the Chief Engineer's Conference Hall, PWD, Puducherry. Er. Saibaba Ankala, Chief Engineer (Railways), Hyderabad, delivered the lecture on two topics viz., "Construction Challenges of Long-Span Railway Bridges with emphasis on ROBS" and "Innovations in Metrorail Construction with specific attention to Precast and Segmental Technology". Er. S. Manohar, Chief Engineer, PWD, Puducherry was the Chief Guest and inaugurated the session with his presidential address and Er. P.Swaminathan, Superintending Engineer, PWD, was the Guest of Honour and felicitated. More than 60 participants attended the programme. All the arrangements for the event were taken care of by Er. S.Suresh, Chairman, ICI-PUDC and earlier, he welcomed the gathering and explained the purpose of the lecture.

Er. Narayana Pillay, Secretary, ICI-PUDC gave vote of thanks.

Following this, a special lecture was delivered by Er. Saibaba Ankala on "Recent Trends in Construction of Long-Span Bridge Projects" with case study in the afternoon, on the same day at Pondicherry Engineering college, Puducherry. There were about 300 students from the civil engineering department, Senior Faculty Members were present and appreciated the lecture. Er. S. Suresh was the Guest of Honour for the event. He addressed the student and explained about the activities of ICI.



3. Technical Lecture :



ICI-Puducherry Centre and International Institute of Project Management jointly organized a Technical Lecture on 5th March 2015 at Hotel Annamalai, Puducherry on the topics "Risk and Cost Management in Construction Projects" and "Resource Planning in Construction Projects".

The CEO of IIPM Chennai, Sri. O.Arivazhagan, gave an excellent talk on both the topics. There were about 40 Engineers from the Govt.

and professionals from public sectors. In the feedback report, everybody insisted to conduct such type of programs, in future at regular intervals. In the beginning, Er S.Suresh Chairman, ICI-PUDC welcomed the gathering and appreciated the delegates for being in time at the venue. Er. S.Narayanpillay, Secretary, ICI-PUDC gave vote of thanks.

4. ICI Participation in PONCEA Build EXPO 2015 :



ICI-Puducherry Centre's participation in the PONCEA Build EXPO 2015 held at Puducherry from 17th to 20th April 2015, had an overwhelming response. Many visitors to ICI stall enquired about ICI and were evincing interest to become members.

ICI Building Fund Donors

(Since February 2015)

S.No.	Name	Membership No.	Amount (Rs)
1.	Er. K. Jayasankar	5877	10,000
2.	ICI Kochi Centre		35,000
3.	ICI Bengaluru Centre		5,00,000
4.	ICI Delhi Centre		5,53,700
5.	Mr. Vinod Harish Singh	1111	5,000


ADHIPARASAKTHI ENGINEERING COLLEGE, MELMARUVATHUR
International Workshop :

The Department of Civil Engineering of Adhiparasakthi Engineering College, Melmaruvathur organized an International Workshop on “Advances in Concrete Materials” between February 3rd & 4th 2015, for the third time in its annals. The inaugural function was held on February 3rd at the Conference Hall of the College. Dr. A. Leema Rose, Organizing Secretary of the Workshop, welcomed the gathering. Mr. M. Mariappan, Coordinator of the Workshop presented a brief account on the Workshop. The Chief Guest of the Inaugural function was Prof. P. K. Desai, President, Indian Society for Technical Education, New Delhi. In his address, he emphasized that concrete is the most used material next to water and also appreciated the selection of the theme and its timing, especially, when infrastructural developments are happening in full stream, on large scale in the country. The Guest of Honours were Prof. Somnuk Tangtermsirikul, Thammasat University, Thailand and Dr. P. Paramasivam, Professorial Fellow, National University of Singapore, Singapore. In their special address, they complimented Adhiparasakthi Engineering College for organizing such an important event on a contemporary issue of global relevance. The inaugural session ended with vote of thanks by Mrs.P.Soumiyadevi, Organizing Secretary of the Workshop.

In the technical sessions, three keynote addresses were delivered. First, Dr. V. Saraswathy, Senior Principal Scientist,

Corrosion & Materials Protection Division CSIR - Central Electrochemical Research Institute, Karaikudi, presented his address on “NDT Techniques for Corrosion Monitoring of Reinforced Concrete Structures”. Dr. R. Malathy, Dean (R&D), Sona College of Technology, Salem, presented her paper on “Energy Efficient Self-Cured Concrete with Organic Materials as Curing Agents”. Then, Dr. P. Paramasivam presented his address on “Advanced Cement Based Composites - A New Innovation in Materials Technology”. In the post-lunch session, Dr. J. Prabakar, Senior Principal Scientist, CSIR-Structural Engineering Research Centre, Chennai, spoke on “Sandwich Light Weight Precast Large Wall & Roof Panel using EPS”. The foreign experts had a brief interaction with final year students of civil engineering in a parallel session.

The second day technical sessions commenced with a keynote address by Prof. Somnuk Tangtermsirikul. In the Afternoon Session, Mr. K. Gopalakrishnan, Technical Head, Pidilite Industries, Chennai explained practical applications of colour concrete. The valedictory session was held in the evening on February 4th. The Chief Guest of the function was Er. R. Radhakrishnan, Secretary General, Indian Concrete Institute. He spoke on the importance of innovations in materials for sustainable growth. Dr. P. Paramasivam and Prof. Somnuk Tangtermsirikul also participated. The function ended with rendering of National Anthem.



Inaugural Function





Valedictory Function

NANDHA ENGINEERING COLLEGE - ERODE

1. Site Visit :

The ICI Students Chapter and Department of Civil Engineering of Nandha Engineering College had arranged a Site Visit for Final Year Students to Upper Aliyar Dam, Pollachi on 8th Aug 2014. The Aliyar Dam is

located 28 kms from Pollachi. The visit was very educative for the student members to understand the design concept of water retaining structures, tunnels and other structures associated with power plant.

2. Innovation Day :

The 5th Innovation Day of Nandha Educational Institutions was held on 9th, 10th and 11th of January 2015 in Nandha Tech Campus. The models exhibition was inaugurated by Thiru. V. Shanmugan, Chairman, Sri Nandha Educational Trust, Mr. S. Nandhakumar Pradeep, Secretary, Sri Nandha Educational Trust, Mr. S. Thirumoorthi, Secretary, Nandha Educational Institutions & Dr. S. P. Viswanathan, Advisor, Nandha Educational Institutions. The main objective of the Innovation Day is to encourage the Enthusiasts in innovation and to identify the innovative young minds. About 90 students, under the banner of ICI Students Chapter had exhibited their creative models and projects like Low Cost Roofing Tiles, Light Weight Concrete, Human Detector, Artificial Tree etc. The Chief Guests visited all the models and

shared their observations with the students. Er.M.Sathyannarayanan, City Constructions, Erode, was invited for the third day of the function to select the best innovative model, who interacted with the students and reviewed the models. The “Human Detector” was chosen for the First Prize.

The Innovation Day provided a wide platform for students to exhibit their innovative ideas, which was viewed by school students and public too.



3. Industrial Visit :

The Students underwent a site visit to observe construction of apartment building and cast in-situ pile foundation at Pulleppadi, Kochi on 28th February 2015. The objective of the visit was to acquire knowledge about multi-storey building and its construction techniques. The supervisor of site gave detailed explanation on pile foundation, pile cap, masonry works, mix proportioning,

plastering techniques and curing process. This industrial visit enlightened them on the implementation of various techniques of construction in Civil Engineering projects. The students were thankful to Er. Jayakrishnan Menon, Project Coordinator, CECONS Pvt. Ltd., for providing them a wonderful opportunity to acquire knowledge on practical aspects.



4. Survey Camp :

A Survey Camp was organized with a group of 67 students guided by four faculty members at Pichandampalayam, Erode from 15th to 20th December 2014.

Day one started from the Pichandampalayam and students were given general introduction to preliminary setups of surveying instruments and handling techniques. Then from day two, the students started doing experiments such as Trilateration and Triangulation. On third day, experiments were done using Total Station equipment to measure square contouring, radial contouring and setting out of field, providing bend, open traversing and close traversing.

In addition, the students also had the chance to determine the azimuth of the sun and star. From this experiment, students learned the concepts of astronomical surveying. At the

end of survey camp, students experienced the reality of surveying in the field and were benefited much to know about the latest equipments in the survey field. The students in the camp thanked the authorities of Pichandampalayam and faculty members for their guidance in the field and also expressed their sincere gratitude to the Management.



Students doing experiments at the camp

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

1. Site Visit :

Site visit for students of civil engineering was arranged to Mayanur Barrage, on 20th Dec., which is located 30 km from the College. Er.Mohan, Managing Director, Reliable Engineers and Associates, Karur and Mr. K. Chendrayan, Retd. Assistant Executive Engineer, PWD, Karur, guided the students during the visit. Students gained knowledge about water data collection, high flood level, low flood level, cross-sectional elevation



2. IBCC - 2015 :

In Association with Helios, IIT Bombay & ICI, N.S.N. College of Engineering & Technology Conducted "A National Level Civil Bridge Championship" on 24th of January 2015. The Chief Guest of this function was Mr.Chaitanya Kulkarni, Design Engineer & Technical Associate, ARK Techno Solutions, Bombay. He delivered the Lecture on "Bridge Building Design".

More than 100 of student members actively participated in this workshop. On the second day of the Workshop, Bridge Design contest was conducted to each group of students by ARK Techno solutions. Based on Bridge model, the first three winners were sponsored & funded by ARK Techno solution.



3. Industrial Visit :

ICI Students Chapter members of second year civil engineering underwent a site visit to Mettur Dam on 20th January 2015, in which, around 60 students participated. Students were explained the history of construction of Mettur Dam, high level and low level sluices, emergency shutters of high level sluices, and Drainage tunnel. The visit was quite educative to understand the Dam construction.



4. Industrial Visit :



An industrial visit to Structural Engineering Research Centre (SERC), Chennai was organized on 20th February, 2015 for third year Students. The students under the guidance of Dr. V. Srinivasan, Senior Scientist visited Advanced Material Lab, Advanced Seismic Testing and Research Lab,



Wind Energy Lab, Fatigue and Research Lab etc., where they were explained the tests carried out in those labs.

On the same day, students were taken to the Central Library of IIT Madras, guided by Dr. Mahendra N Jadhav, Librarian In-charge, Central Library.

5. Industrial Visit :

An industrial visit to Ramco Ready mix Concrete Plant, Chennai, was arranged on 21st February 2015 for third year Civil Engineering students. Er.Murali, Plant In-charge, Ramco Ready Mix Concrete, and Er.P.Senthamil Selvan,



Assistant Manager-Quality Control, Ramco Cements, guided the students. Students practically learned about various aspects of manufacturing of Ready mix concrete and storage of raw materials.



6. National Science Day :

National Science Day was celebrated by the College in association with Indian Concrete Institute on 28th February, 2015. Secretary, Ar. N. Nallusamy, discussed the current affairs in science and technology. Dr. M. Sivaraja, Principal of NSNCET presided over the function. Dr. S. Krishna Kumar, Senior Technical Officer, Ministry of Defense,

DRDO, Avadi, Chennai, was the Guest of Honour for the occasion. On the same day, technical Lecture on “Robotics” was organized and the keynote address was delivered by Dr. S. Krishna Kumar. Around 250 students actively participated in the Guest Lecture. Students had an interactive session with the Speaker.



As a part of National Science Day, various Competitions were held for the students and winners were awarded.

7. Value - Added Course :

A Value-added course on Architecture Software was organized from December 2014 to March 2015 for third year Civil Engineering students. The programme was conducted by PENTA CADD, Karur and professionals from PENTA CADD trained the students. Students did projects using REVIT software and submitted at the end of the course. Course enhanced the software skills of the students in design.



8. Survey Camp :

A survey Camp was conducted on 7th March 2015 at Mayanur, which is near to Karur. Students were divided into groups and guided by practising surveyors, to use the equipments. Students were trained to develop topographic maps using AutoCAD and Carlson Survey from the data collected in the field.

Students gained hands-on experience in the use of land surveying instruments, measurements of distances and angles,

calculation and correction of errors. Concepts of higher order surveys and Global Positioning Systems were also illustrated.



9. Technical Symposium :

A National Level Technical Symposium organized by N.S.N College of Engineering and Technology in association with Indian Concrete Institute, on 16th February, 2015. Mr.B.N.Venkat Ramana, Head-HR, Consolidated Construction Consortium Limited (CCCL), Chennai was the Guest of Honour. The student secretary, B. Mohan Prasanth, welcomed the gathering. Dr. M.Sivaraja, Principal and Professor of the

College addressed the gathering with his thoughtful speech on the need of conducting a symposium. Mr.B.N.Venkat Ramana, delivered the keynote address on “Career Guidance in Civil Engineering”. He quoted about the various job opportunities available in different fields in civil engineering. The Lecture was truly an interactive session for the students and was informative for their future planning.



Ar. N. Nallusamy, Secretary, NSNCET presided over the function. The Chief Guest emphasized more on the cost effective techniques available in the construction industry. About 150 Students from 70 colleges participated in the Technical Symposium and various competitions were conducted for students such as Paper

Presentation, CADD Contest, Model Expo, Marketing and Technical Quiz. Students exhibited their talents by participating in these events.



Award Ceremony was organized in the evening to honour the participants from other colleges. Dr.M. Sivaraja presided over the function. The winners were appreciated and awarded.

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

1. Guest Lecture:

ICI Students Chapter of Department of Civil Engineering organized a Guest Lecture on "Introduction of Precast Elements and it's Design" by Mr. Mangesh Hardas, Director, Precision Precast Solutions, Pune on 17th March 2015. Prof. S.A. Kothari and Prof. M.S. Chiwande coordinated the event.

factory, their transportation and handling, connection of different precast elements with one another, etc. The Guest Lecture was organized for TE and SE civil engineering students to increase the awareness on new techniques of construction like use of precast elements in construction. Guest Lecture gave students an insight, which will be helpful in their career. Concluding speech was given by Prasad Patil, Student of SY (BE) Civil.

Shubham Navale, Student of SE(B) Civil, introduced the Guests. Mr. Mangesh Hardas, spoke on different types of Precast elements available, how precasts elements are cast in



Students and Staffs attending the lecture

Mr. M. Hardas delivering the lecture

Students attending the lecture

2. Site Visit :

Department of Civil Engineering organized a site visit to Blue Ridge, Hingewadi Phase I, Pune on 26th March 2015. This project extends over 138 acres; having 2 SEZ area and 27 Residential Towers.

Mr. Sunil Kolhe and his team explained model of Blue Ridge, giving a brief idea about the complete project. They elaborated on concreting work at site and focused on pumping techniques. Mr. V.R. Patil explained

on Concrete Mix Design and working of Ready Mix Plant. He elaborated everything from storage of different ingredients to loading and unloading of transit mixers. Students visited one such plant at construction site, where construction of Raft foundation was going on. Students were able to observe the construction of Raft foundation, Retaining wall, Shear Wall, Lifts duct, column etc.



Students in the Model room



Construction of tower



Students at Site



RAJALAKSHMI ENGINEERING COLLEGE - THANDALAM

Inauguration of ICI Students Chapter :

The ICI Students Chapter at Rajalakshmi Engineering College was revived on 11th February 2015 with 93 students enrolled as members. Er.RadhaKrishnan, Secretary General of ICI was the Chief Guest for the Function. The Function started with the Welcome Address by the President of the Students Chapter, D.J.Mohankumar of Final Year. Head of the Department, Dr.M.Selvakumar introduced the Chief Guest. The Chief Guest inaugurated the Students Chapter and delivered his inaugural address on the importance of Concrete in Today's Scenario. He highlighted the essentials of concrete in Construction Industry and the research focus and domains on various types of concrete. He also explained the various activities of the ICI Students Chapter taking place nationally and the benefits for Students in joining the Chapter. He requested the students to make use of the opportunities in attending Seminars, Conferences,

Workshops, Site Visits and in-Plant Trainings etc. He assured ICI's support in the activities of REC Students Chapter and wished that REC should get the Best Students Chapter Award in the forthcoming years. The Membership certificates were handed over to the Head of the Department by the Secretary General. Dr.G.Thanigaiyarasu, Principal of REC felicitated the function and presented the memento to the Chief Guest. Finally, Vasanth Kumar of II year delivered Vote of Thanks.



SRM UNIVERSITY, RAMAPURAM CAMPUS

1. Bridge Design Workshop :

ICI Students chapter of Department of Civil Engineering, SRM University, Ramapuram Campus organized a Workshop on Bridge Designing on 5th & 6th February 2015. The workshop was supported by Ark Techno Solutions and IIT Bombay



The two-day workshop was inaugurated by the Dean of SRM University, Ramapuram. Dr.T.Ch.Madhavi, HOD/Civil Engg., welcomed the gathering and motivated the participants with a small reference to the story behind the construction of the Brooklyn Bridge. Mr.Praveen Kumar from Ark Techno Solutions conducted the sessions. The workshop began with an introductory speech by the Dean on the importance of Bridge Design. Civil Engineering students of all years participated.



Inauguration

2. Guest Lecture :

ICI students chapter organized a Guest Lecture by Dr. Raghava, Principal Scientist, Structural Engineering Research Centre, Chennai, on "Fatigue and Failure Studies on Components and Structures" on 13th March 2015 at TRP Auditorium. Dr.T.Ch.Madhavi,

The two days Workshop had four sessions. On day 1, Session 1 started with introduction to bridges and continued with study of software on bridge design. The next day students participated in making of bridge models. In the concluding session, the models were subjected to testing and best models were shortlisted for participation in the final round of competition to be held at IIT Bombay.

More than 100 students from different colleges participated in the workshop. The sessions were made interesting with presentations giving basic knowledge about the bridges, types of bridges and videos of some of the bridge failures happened worldwide. They were also showed videos on construction of Bandra worli project in Mumbai. The sessions were interactive and impressive. The presentations helped to understand the various failure pattern in bridges.

The second session was on training with a software on bridge designs, which was helpful in learning bridge design. The day began with the competition in which each team was allowed to choose any bridge design out of 10, which they had made. Finally, all the bridges were submitted after the time limit of 3 hrs. Five teams in total were selected. The winners of this competition qualified directly for the final round in IIT-Bombay. The members of the winning team from SRM University, Ramapuram Campus were, Utkarsh sood, Satish Pandey, Mohd. Irfan and Sainek sen

HOD, Civil Engineering welcomed and introduced the Speaker. Vice-Principal, Dr. Antony Michael Raj, felicitated the gathering.

Dr .Raghava in his lecture, explained about the concepts of fatigue and failures associated

with it. He presented intensely about the fatigue failures and explained in detail about the effects of fatigue in aircrafts and ships. The lecture was interesting with video demonstrations on testing of beams under fatigue loading. Programme ended with vote of thanks.



VEL TECH UNIVERSITY - CHENNAI

Inauguration of ICI Students Chapter :

ICI Students Chapter was inaugurated on 17th December 2014 in the college premises. Ms.Vinodhini Ellappan, Asst. Professor, Civil Engineering, welcomed the gathering. Er. R. Radhakrishnan, Secretary General, ICI and Er. K. Jayasankar, Vice-President, Technical Services, UltraTech Cement Ltd., graced the occasion by their presence. Dean-School of Mechanical, Dr.P Mathiyalagan

addressed the gathering and informed about the various activities in-and-around University for the benefits of students and faculty members.

Er.R.Radhakrishnan enriched the audience about ICI and the benefits of Students Chapter. This was continued by a Technical talk on “Challenges in Making Durable Concrete” presented by Er. K. Jayasankar.



Dignitaries on the Dias



Ms.Vinodhini Ellappan



Dr. P. Mathiyalagan



Er.R.Radhakrishnan briefing about ICI



Er. K. Jayasankar delivering the Lecture



Dignitaries with Students Officer Bearers



Ms.Madhura delivering vote of thanks

**NANDHA COLLEGE OF TECHNOLOGY, ERODE****1. Guest Lecture :**

Department of Civil Engineering, Nandha College of Technology organized a Guest Lecture on "Concrete Technology" on 18th March 2015. Mrs.P.S.Kothai, Associate Professor, Department of Civil Engineering, Kongu Engineering College, Perundurai spoke on concrete.

She explained the basics of Concrete Mix Design, various types of concrete and their properties and special applications, role of admixtures in imparting the desired properties to concrete etc.

2. Skill Development Program :

A Skill Development Program, "LOG-IN' 15" was conducted on 30th January 2015 by Mr.T.Rashikesavan, Chief Memory Trainer, Hayagreeva Academy, Mettur and Prof. R.Veerapathiran, Principal, SIFT Polytechnic College, Tirupur. Prof.N.Devaraj, HoD, presided over the program.

The programme was attended by faculty members and second year students of civil engineering. The training was intended to

develop inter personal skills, to improve the memory power and to develop the personality of individuals.

**ICI Annual Awards 2015****Nominations are invited for the following awards :**

- | | |
|--|--|
| 01. ICI - Outstanding Concrete Technologist | Sponsored by M/s.Fosroc India Ltd |
| 02. ICI - Life Time Achievement (N) | Sponsored by M/s.Jaiprakash Associates Ltd |
| 03. ICI - Life Time Achievement (W) | Sponsored by M/s.BASF India Ltd |
| 04. ICI - Life Time Achievement (E) | Sponsored by M/s.Civil Aid (Bureau Veritas Group (India) |
| 05. ICI - Life Time Achievement (S) | Sponsored by M/s.Larsen & Toubro Ltd. |
| 06. ICI - Outstanding Concrete Structure | Sponsored by M/s.MC-Bauchemie India Pvt Ltd |
| 07. ICI - Outstanding Prestressed Concrete Structure | Sponsored by M/s.BBR India Ltd |
| 08. ICI - Young Scientist | Sponsored by Dr. V. Ramakrishnan |
| 09. ICI - Innovative Application of Special Concretes | Sponsored by M/s.UltraTech Cement Ltd |
| 10. ICI - Best Ph.D Thesis in Concrete | Sponsored by The Master Builders |
| 11. ICI - Dr.A.Ramakrishna Award for the Best Project with Precast Concrete in India | |
| 12. ICI-Best Students Chapter | Sponsored by M/s.BASF India Ltd |
| 13. ICI-Best Centre | Sponsored by ICI-HQ |

For details, pl. mail to : ici4@airtelmail.in or call us at 044-24912602.

R.Radhakrishnan
Secretary General



Sl.No.	M.No	Centre	Name	Place
A. Individual Life Members				
1	10583	Bengaluru	Er Hanumant Gyanappa Naikar	Bengaluru
2	10603		Er B. G. Raghavendra Prasad	Bengaluru
3	10604		Er Aravind N	Bengaluru
4	10605		Er Gurupadappa B. Yendigeri	Bengaluru
5	10606		Er Siddegowda K	Bengaluru
6	10607		Er Venkatadri S	Bengaluru
7	10608		Er Rakesh Babu G	Bengaluru
8	10616		Dr B.R. Ramesh	Bengaluru
9	10632		Er Ashwin M. Joshi	Bengaluru
10	10634		Er Sunil Reddy	Bengaluru
11	10635		Er Ritesh Kumar Gupta	Port Blair
12	10636		Er Ramaprasad P	Bengaluru
13	10654		Er Asha K	Bengaluru
14	10655		Er Muralidhara R	Bengaluru
15	10656		Er Krishnan Kumar	Bengaluru
16	10657		Er Naveena M P	Bengaluru
17	10658		Er Kavitha M K	Hassan
18	10659		Er Sumitra Parida	Bengaluru
19	10661		Er Shivaraju G.D.	Mandya
20	10662		Er Soumya T	Chitradurga
21	10663		Er Jegatha S	Bengaluru
22	10680		Er Rathnakara Reddy KB	Bengaluru
23	10681		Dr Rajendra Prasad D.S	Tumkur
24	10685		Er Anjaneyappa	Bengaluru
25	10700		Er Girdharlal Kewalram Jaisinghani	Bengaluru
26	10629	Bhuvaneshwar	Er Tapas Ranjan Swain	Angul
27	10596	Chennai	Er Tarun Kumar Ramdas	Chennai
28	10597		Er Radhakrishnan R	Chennai
29	10611		Dr Rama Raju Kunadharaju	Chennai
30	10612		Er Chandru N	Chennai
31	10624		Er Nithya V	Chennai
32	10625		Er Prabhakaran P	Madurai
33	10642		Er Jothilingam M	Vellore
34	10644		Er Janani S	Arcot
35	10645		Er Mahalakshmi C	Chennai
36	10672		Er Farzana Banu A.M	Chennai
37	10673		Er Kavitha S	Chennai
38	10679		Er Ravi A	Sivakasi
39	10683		Er Venkatesan S	Chennai
40	10689		Mr Visvanathan. G	Coimbatore
41	10695		Er Ramesh N	Chennai
42	10698		Er Mark Gavin Alexander	Chennai
43	10704		Er Ravi Kumar V.K	Chennai
44	10705		Er Ramdas R. Warriar	Chennai
45	10730		Dr Prabavathy S	Sivakasi
46	10732		Er Shanmugapriya J	Kanchipuram
47	10738		Er Sivaram Kumar S	Chennai
48	10739		Er Chandrasekar S	Combatore
49	10674	Delhi	Er Sabyasachi Sen	New Delhi
50	10699		Er Sh Dinesh Ganvir	Delhi
51	10579	Ghaziabad	Er Shyama Charan Rai	Ghaziabad
52	10580		Er Nasir Husain Fazli	Ghaziabad
53	10581		Er Mohd Ali Safdar	Ghaziabad
54	10582		Er Deepak Kumar Gautam	Noida



SI.No.	M.No	Centre	Name	Place	
A. Individual Life Members					
55	10638	Goa	Er Rajiv Kumar Verma	Vasundhara	
56	10639		Er Pravendra Kumar	Ghaziabad	
57	10646		Er Nagesh Chandra	Ghaziabad	
58	10735		Er Vasant Uttamrao Patil	Noida	
59	10619		Er Vidhyadhar Kakodkar	Margao	
60	10620		Er Thomas D' Costa	Salcete	
61	10621		Er Vishwas Vasant Gharse	Panaji	
62	10706		Er Niteen P. Sant	Panaji	
63	10665		Hubli-Dharwad	Er Huvappa M. Dandin	Dharwad
64	10666			Er Anand M. Deshmukh	Dharwad
65	10667	Er Rajanagouda Patil		Dharwad	
66	10668	Er Santosh M. Anchatageri		Dharwad	
67	10707	Er Benhur		Bidar	
68	10708	Er Ravindranath Mulge		Bidar	
69	10709	Er Anilkumar Aurade		Bidar	
70	10710	Er Prakash Tonne		Bidar	
71	10711	Er Anil R Kheni		Bidar	
72	10712	Er Ranjeet Jagtap		Bidar	
73	10713	Er Raju Karbari	Bidar		
74	10714	Er Pranesh Nandikol	Bidar		
75	10715	Er Havshetty Patil	Bidar		
76	10716	Er Venugopal Loya	Bidar		
77	10717	Er Ujanikar Ambadasrao	Bidar		
78	10718	Er Madhav Joshi	Bidar		
79	10719	Er Sharanabasaweshwar Y	Bidar		
80	10720	Er Rakesh Patil	Bidar		
81	10721	Er Srinivas Sale	Bidar		
82	10722	Er Jayesh Kumar	Bidar		
83	10723	Er Shivshanker Kamshetty	Bidar		
84	10724	Er Ashok	Bidar		
85	10725	Er Gorakanath Chanshetty	Bidar		
86	10726	Er Vijaya Kumar	Bidar		
87	10727	Er Sunil Kumar	Bidar		
88	10610	Hyderabad	Er Hari Devender Anchoori	Warangal	
89	10640		Er Krishna Mohan Dodla	Vijayawada	
90	10641		Er Sri Adibhatla C.M. Srinivas	Hyderabad	
91	10702	Kochi	Er Preetham Yeada	Banjara Hills	
92	10622		Dr Deepa Balakrishnan S	Kochi	
93	10623		Er Anilkumar P.S	Angamaly	
94	10660		Er Nisha M	Kannur	
95	10664		Er Minu Miriam Paul	Kochi	
96	10669		Er Jinu Susan Eipe	Muvellikara	
97	10670		Er Pinky Merin Philip	Idukki	
98	10671		Er Afia. S. Hameed	Alappuzha	
99	10684		Er Thomas John V	Thrissur	
100	10690		Er Mayil Anand	Ravipuram	
101	10692	Er Fabian Antony	Ernakulam		
102	10693	Er Jayakrishnan Menon T V	Kochi		
103	10697	Er Abhilash R	Ernakulam		
104	10578	Kolkata	Er Santanu Banerjee	Kolkata	
105	10598		Er Kaushik Bandyopadhyay	Kolkata	
106	10733		Dr Anjan Kumar Dutta	Kolkata	
107	10736		Er Biswajit Mukherjee	Kolkata	
108	10737	Er Aditya Parasramka	Kolkata		
109	10734	Manipur	Dr Priya Shivashankar Nair	Guwahati	



Sl.No.	M.No	Centre	Name	Place
A. Individual Life Members				
110	10687	Mumbai	Er Sushil I. Kathar	Navi Mumbai
111	10696		Er Sunil Kashinath Desai	Andheri
112	10609		Er Shantanu Ganeshrao Pande	Nashik
113	10686		Er Rajesh S. Pandit	Thane
114	10688		Er Luv Shah	Navi Mumbai
115	10740		Er Manish P. Mokal	Mumbai
116	10595	Nagpur	Er Viraj Suneel Voditel	Nagpur
117	10614		Er Sameer Namdeorao Shinde	Yavatmal
118	10615		Er Yogesh Ramakant Borkar	Yavatmal
119	10627		Er Prakash Shamrao Talole	Nagpur
120	10631		Er Ganesh D. Ingle	Nagpur
121	10647		Er Mayur Kishor Ghumde	Chandrapur
122	10648		Er Nitesh Balaji Thikare	Bembal
123	10649		Er Kamlesh Vasant Madurwar	Nagpur
124	10650		Er Tejas Rajendra Patil	Nagpur
125	10651		Er Mahesh V. Raut	Bhatkuli
126	10652		Er Tushar S. Khobragade	Nagpur
127	10653		Er Ranjit Nanasahab Patil	Nagpur
128	10682		Er Prasad Narayan Pitale	Nagpur
129	10694		Er Dinesh Yugalkishor Gonade	Nagpur
130	10701		Er Laxmi Chetal Gupta	Nagpur
131	10637	Patiala	Er Naresh Kumar Gupta	Sirsa
132	10729		Er Ramesh Maganti	Gurgaon
133	10731		Er Raj Kumar Nafria	Gurgaon
134	10591	Puducherry	Er N.K. Gopinathan	Dindigul
135	10592		Er Senthil Kumar V	Cuddalore
136	10593		Er Mala C	Puducherry
137	10594		Er Vanjinathan J	Puducherry
138	10628		Er Ravi D	Trichy
139	10675		Er Uthira Devi A	Puducherry
140	10676		Er Senthil Kumar A	Puducherry
141	10677		Er Ramesh Babu K	Puducherry
142	10741		Er Manickavasagam R	Puducherry
143	10584	Pune	Er Chandrashekhar R. Dhawan	Pune
144	10585		Er Santosh Baban Renukdas	Pune
145	10586		Er Praful Shrigiriwar	Pune
146	10587		Er Moula Rajak Tadmud	Pune
147	10599		Er Shrikant D. Limaye	Pune
148	10633		Er Col Manoj Kumar Khare	Pune
149	10678		Er Megha Sumedh Chiwande	Pune
150	10703		Er Ajay Mahadeo Singam	Pune
151	10728		Er Sachin S Belhekar	Pune
152	10588	Uttarakhand	Dr Sonalisa Ray	Roorkee
153	10589		Er Rajib Chowdhury	Roorkee
154	10590		Dr Anupam Chakrabarti	Roorkee
155	10613		Er Agarwal P.K	Dehradun
156	10630	Varanasi	Er Sanjay Gupta	Bokaro
157	10600	Visakhapatnam	Er Vinod G.N.V.C	Machilipatnam
158	10601		Er Poorna Chandra Rao Yelamarthi	Visakhapatnam
B. Organizational Life Members				
159	10602	Bengaluru	Bangalore Institute of Technology	Bengaluru
160	10617	Bengaluru	East West Institute of Technology	Bengaluru
161	10643	Bengaluru	Malnad College of Engineering	Hassan
162	10618	Chennai	Ganadipathy Tulsi's Jain Engineering College	Vellore





Indian Concrete Institute

Ocean Crest, 79, Third Main Road, Gandhi Nagar, Adyar, Chennai 600 020.

Phone : 91-44-42115996, 24912602 Telefax : 91-44-24455148

Email : ici4@airtelmail.in Website : www.indianconcreteinstitute.org

NOTICE FOR ELECTION OF OFFICE-BEARERS – 2015-2017

Notice is hereby given to all members of Indian Concrete Institute that the Elections 2015 will be conducted by postal ballot as per the time schedule indicated below :

Last date for receipt of nominations at HQ	: 23.05.2015 (1700 hrs)
Scrutiny of nominations	: 25.05.2015
Last date for withdrawal of nominations	: 10.06.2015
Despatch of ballot papers to be completed by (if there is contest)	: 24.06.2015
Last date for receipt of ballots	: 24.07.2015 (1700 hrs)
Counting of ballots and declaration of results	: 27.07.2015

Two members of the Governing Council from Chennai will scrutinize the nominations and ballots.

The electorate will be the members of the Institute at serial numbers 1-10625 whose subscriptions for the period upto March 2015 are valid. Organisational members shall file their nominations/ballots with the signature of their representative as given in their membership application filed at the Institute. Any change in representation shall be notified to the Institute in writing, before filing the nominations/ballots.

The election shall be conducted to fill the following vacancies :


President (from South Zone)	: 1 To be elected by all members
President (Elect) (from West Zone)	: 1 To be elected by all members
Vice-Presidents (From - East, West, North, South Zones)	: 4 To be elected by ICI members from respective zones
Governing Council Members	: 14 Four to represent organizational members from among them elected by all members One to represent donor members from among them elected by all members. Nine to represent individual members from among them, elected by all members.

Nominations to be filed in the enclosed proforma.

Nomination papers shall be put in a cover and superscribed "Nominations – Elections 2015" and sent to the Polling/Returning Officer so as to reach him not later than 1700 hrs on 23.05.2015.

Indian Concrete Institute

Ocean Crest, 79, Third Main Road,
Gandhi Nagar, Adyar,
Chennai 600 020.


R. Radhakrishnan
Polling/Returning Officer
Elections 2015

PS. : If members wish to table any resolution at AGM 2015, notice may please be given and resolutions made available to the Secretary General before 30.06.2015, duly proposed and seconded to enable circulation in advance of AGM 2015.

Indian Concrete Institute

ELECTIONS 2015-2017

NOMINATION OF OFFICE-BEARERS

1. Position (President/President-Elect/
Vice-President/ G.C. Member) :

Name and Address of nominated
person/organization :

.....
.....
.....

ICI Membership No. :

2. Proposed by :

Name and Address :

.....
.....
.....

(Signature) ICI Member No.

3. Seconded by :

Name and Address :

.....
.....
.....

(Signature) ICI Member No.

4. Nomination agreed to by the candidate :
(Signature)

5. Nomination shall reach the Returning Officer* in a cover superscribed "Nominations Elections 2015" before 1700 hrs on 23.05.2015.

6. A short bio-data of the candidate strictly not more than 100 words highlighting the contributions to the profession and ICI should be enclosed.

Use one nomination form per candidate per person.

*** Er. R.Radhakrishnan**
Polling/Returning Officer
Elections 2015
Indian Concrete Institute
Ocean Crest, 79, Third Main Road, Gandhi Nagar,
Adyar, Chennai 600 020.

Note : Organisational members should sign these papers through their authorized representatives as indicated in membership application form or as modified and notified to ICI Headquarters before filing the nomination.

4th

Asian Conference on Ecstasy in Concrete

ICI-ACECON 2015

ON ADVANCEMENTS
IN STRUCTURAL CONCRETE

Date: 8 - 10, October 2015 | Venue: Science City, Kolkata, India

Organised by:



Indian Concrete Institute

1st

International Symposium
of Asian Concrete Federation

ACF 2015

On Ultra High Performance Concrete

Date: 7th October 2015 | Venue: Science City, Kolkata, India

Organized by



Asian Concrete
Federation



For Full Details and Registration, Visit: www.acecon2015.com

Pls visit our website www.indianconcreteinstitute.org for more info on this.