

THE CIVIL ENGINEER

E-NEWSLETTER

Volume-IV, [2nd Issue] December 2014



The Institution of Civil Engineers (India)

The Civil Engineer- News Letter

BREAKING NEWS

It has been decided by the ICE(I) that from this issue of **The Civil Engineer-** News letter, all News Letters will be made available to readers by E-mail instead of by mail. It has also been decided that the periodicity of the News Letter will be on quarterly basis henceforth.

Readers are most welcome to contribute for the News Letter and also send their feedback and suggestions to make the issues more enjoyable and interesting.

Wishing You All a Very Happy & Enjoyable Year 2015 !

Prithipal Singh
Secretary General, ICE(I) & Editor The Civil Engineer

The Civil Engineer

NEWSLETTER

Volume -V, [2nd Issue] 2014

OUR INTELLECTUAL PILLARS

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3.	Mr. Ashok K Mittal Chancellor Lovely Professional University Lovely Campus, Jalandhar-Ludhiana G.T. Road, Near Chaheru Railway Bridge Phagwara, Punjab 144402	13.	Dr. Subhash Chandra Mishra (F.I.E) Retd. Dean College of Engineering and Technology Bhubaneswar. Orissa
4.	Dr. D.P. Ghosh Ex- Professor , Dept. of Civil Engineering IIT, Kharagpur West Bengal	14.	Prof. Satish Khanna Ex-Professor, Department of Architecture School of Planning and Architecture New Delhi
5.	Prof. K.G. Sharma Professor, Dept. of Civil Engineering IIT Delhi, Hauz Khas New Delhi.	15.	Prof. R.S. Sharma Ex- Professor, Dept. of Civil Engineering (and Practicing Architect) College of Technology, Pantnagar Uttrakhand
6.	Prof. Ravi Sinha Professor, Dept. of Civil Engineering IIT, Mumbai, Powai Mumbai.	16.	Dr. S.S. Kang Professor Punjab Agricultural University Ludhiana Punjab
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The Institution of Civil Engineers (India)

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**Chairman of the Institution
Dr. S. L. Swamy**

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From the Editor-in-Chief's Desk

As we come closer to the yearend we are confronted with different feelings. On the one hand we feel happy over the year spent with all the good work done and with our new learning, which has added to our caliber and experience, on the other a feeling of uncertainty also takes place as to how the New Year would be. What has it stored for us as the future is unseen. But what is seen our endeavor, our will power, and our priority to look at the brighter side of things, an attitude which helped us to grow and make a place in the Society. We have to resolve to keep that sprit high in order to surmount all the impediments which may block our way to progress. This is the "mantra" which I would like to share and want you to imbibe.

The second half of the year 2014 as usual is more eventful than the first one. This is so as 15th September is dedicated as "Engineers Day" which is celebrated every year with added zeal and gusto. This year's Engineers day had both the National Seminar on "Sustainable Green Innovations in Construction" and the 4th Convocation to award final pass certificates to the successful candidates. This year's another feather of the celebration was

"ICE(I) Expo" in which many reputed organizations/developers participated. The candidates of ICE(I) gained a lot to support their professionalism and overall well-being through the exposure which they got. This will result in long-lasting benefits for the Civil Engineering community and increase professionalism in their respective organizations, which will definitely reap dividends too.

It was on the occasion of the Engineers Day Celebrations, the Chief Guest Shri Nihal Chand, Hon'ble Minister of State for Chemicals & Fertilizers, Govt. of India inaugurated the National Seminar on "Sustainable Green Innovations in Construction" held at New Delhi.

Dr. Swarna Subba Rao Surveyor General of India was the Chief Guest at the 4th Convention of ICE(I).

This issue of the Newsletter contains usual features to provide you additional input for your professional growth.

I take this opportunity to wish you a very happy and prosperous New Year. Let the year 2015 surpass the previous ones and you enjoy what you would have longed for!

Dr. S.L.Swamy
Chairman



From the Editor's pen

I am pleased to present the December, 2014 edition of the Civil Engineer. Over the years ICE (I) re-enforced its strengths and also launched some new initiatives. None of this could have been possible without the support of our members and well wishers. On behalf of ICE (I) I take this opportunity to thank you all.

Everybody likes two words: Growth & New. These two words have their own glamour. Growth is life and New makes the life beautiful. It is only by visionary thinking having a mission and setting goal for life, one can utilize every moment of life and can make life beautiful. We need to think new creative ideas not only for our own growth but also for the growth of the nation as our humble contribution. It is said that small people talk about others. Average people talk about things. But great people talk about ideas. By presenting novel ideas we may also stand in the galaxy of people whom others always remember for their contribution.

As the New Year is on the verge of starting its journey, many of us might have planned many resolutions to quit some negative aspects of our lives or to adopt some positive values. Some might be planning to start a new venture or might be setting new goals for the Year 2015. We can wait New Year to enjoy

but can't waste our other days without any purpose. Everyday should be the day with a difference, everyday should be the day with learning, everyday should be the day with new experience; only then we can enjoy every day of the year. It is for us to decide whether we would like to enjoy just the first day of the New Year or look to everyday of the year with hope and anxiety to make it a memorable one.

Life is nothing but a bundle of pain and pleasure. Even when we are passing through pain we have to label "PAIN" as "Positive Attitude In Negative situation". ICE(I) has given you a platform. Make it a springboard of your progress which we always watch with pleasure.

Wish you all a very happy and prosperous New Year 2015 !

Prithipal Singh
Secretary General

INDIAN INFRA : A CHANGING LANDSCAPE

According to a recent report by PwC, the Asia-Pacific infrastructure market is expected to grow by 7-8 percent a year over the next decade to over \$53.6 trillion by 2025, representing nearly 60 percent of the world total. The Indian infrastructure market is expected to touch \$6.6 trillion by 2025, which will be nearly 12.5 per cent of the Asia-Pacific. The increase in infrastructure spends in the country is likely to be driven by sectors like housing, transportation, telecom, healthcare and education.

The infrastructure deficit in India is a well-known fact and the ability of the country to continue growing will depend significantly on how much infrastructure can be delivered in the coming years. Infrastructure will play a critical role in improving connectivity and promoting sustainable growth across different parts of the country. As our cities and its suburbs grow, massive investment needs to be made in transportation networks, increased housing stock to accommodate the growing population and public services need investment to satisfy the growing number of urban residents. India already seems well poised to make the leap as the government is making all the right noises and laying the groundwork for a strong physical, social and digital infrastructure in the country.

Efforts to streamline the traditional approvals and clearance processes that caused several delays in infrastructure projects, is already underway. The government is also said to be exploring the construction of 2 lakh kilometers of roads, including highways, through the public-private-partnership (PPP) mode. The railway ministry has also expedited approval for constructing rail over bridges (ROBs) and rail under bridges (RUBs). On the policy front, 100% FDI in railway infrastructure has already been announced.

The Urban Development Ministry expects an investment of about ₹ 50 lakh crore over the next few years for various initiatives including Housing for All (₹ 22.50 lakh crore), urban infrastructure development (₹ 16.50 lakh crore), urban sanitation (₹ 62,000 crore) and building smart cities. Under the scheme, 'Sardar Patel Urban Housing Mission', the government is targeting construction of around 30 million houses by 2022, primarily for the economically weaker sections and low income groups. The government is also expected to substantially ease norms for foreign investment in the construction sector, hoping to drum up interest in the plans for its 100 smart cities as well as the affordable housing projects, it is also exploring the removal of all restrictions on size and minimum capitalization for the smart cities as well as affordable housing projects. Under current rules, 100% FDI is allowed through the automatic route in development of townships, housing and built-up infrastructure, subject to stringent conditions. A fresh impetus has been given to the building of industrial corridors and parks.

In order to boost infrastructure in rural India, a 'Saansad Adarsh Gram Yojana' has been introduced wherein each Member of Parliament will take the responsibility of developing physical and institutional infrastructure in three villages by 2019 of which one would be achieved by 2016. Thereafter, five such Adarsh Grams (one per year) will be selected and developed by 2024. At the national level, a separate, real-time web-based monitoring system will be put in place for the scheme covering all aspects and components. And as part of Mission Swachh Bharat, there are ambitious plans of implementing wastewater management and solid waste management in 500 towns across India through public private partnership.

Looking to create an environment conducive to industrial development, the government has launched a host of schemes including a transparent and accountable Labour Inspection Scheme. Also, to be flagged off is an Apprentice Protsahan Yojana wherein 50 percent support for training in MSMEs will be provided by the labour ministry in order to improve the supply of skilled manpower to various industries.

The Indian infrastructure landscape could look dramatically different in the years to come if the government's efforts and schemes come to fruition. The implementation of all the programmes will lead to sustainable, tangible benefits but it will depend on whether the government can turn promises into practices.

*Source & credit: The Master builder
October, 2014*

GREEN CONCRETE FLOORS

High in durability and low in environmental impact, concrete is the perfect flooring material for sustainable living.

Building homes that are green and environmentally friendly has become the mantra for more and more builders and homeowners, as they discover how easy it can be to attain all the benefits of sustainable construction without sacrificing aesthetics or breaking the budget. In fact, going green often saves money, especially overtime, while being kinder to planet Earth.

Decorative concrete flooring is a perfect example of this synergy of beauty, sustainability and economy, giving you a durable low-maintenance floor that will last the life of your home. Concrete floors, when left exposed, conserve resources by functioning both as a foundation slab and finished floor. This eliminates the need for carpeting, tiles, epoxy and other floor coverings that would eventually require replacement. In addition to conserving materials, concrete flooring offers many other environmental benefits, such as contributing to better energy efficiency and improving indoor air quality. The topics listed above are the most compelling reasons to go green with decorative concrete floors.

Design Versatility

Typically, interior concrete floor slabs have been hidden under other flooring materials such as carpet, hardwood, vinyl or ceramic tile. But why waste resources and money to add another layer of flooring when you can simply leave the concrete exposed?

Decorative techniques such as coloring, staining, stamping, stenciling and polishing give you unlimited design versatility, allowing you to create floors that mimic more traditional materials, such as tile or slate, or custom

design a look that's totally unique.

If you're concerned about the toxicity of the products used to color, stain and seal concrete, you now have more environmentally friendly options than ever before. Although some concrete sealers and coatings are still solvent-based, many products today are available in low-odor, nontoxic versions that won't affect indoor air quality.

If properly maintained, a concrete floor should never need to be replaced.

Durability and Resource Conservation

When properly installed and sealed, a decorative concrete floor should last a lifetime and will never need replacement. Few flooring materials can boast this same longevity. Carpet, tile and even wood floors eventually need replacement, which uses up resources and creates waste disposal problems. If you stick with a neutral color palette for your concrete floor, it will easily accommodate any future changes to your interior decor.

Concrete floors also utilize sustainable materials. The predominant raw material for the cement in concrete is limestone, the most abundant mineral on earth. Your ready-mix supplier can also make concrete using waste byproducts, which reduces the consumption of raw materials. Fly ash, slag cement and silica fume, all waste byproducts from power plants, steel mills and other manufacturing facilities, are commonly used as partial cement replacements. Decorative concrete floors can also incorporate recycled products, such as crushed glass, bits of recycled plastic, marble chips, metal shavings and even seashells.

Finally, in the highly unlikely event that your concrete floor ever needs to be replaced, the concrete itself can also be recycled at the end of its long service life.

Another way concrete floors minimize waste: The fresh concrete that goes into a floor slab is manufactured at a local ready-mix plant in the quantities needed for each project. This also saves on the energy required to transport a factory-made product such as tile or carpet from the plant, to the distributor and eventually to your home.

Energy Efficiency

Because of their thermal mass and ability to retain heat, concrete floors are ideal for passive solar home designs. When homes are built to take advantage of solar radiation entering through windows in the winter months, concrete floors will absorb the heat from the direct sunlight and release the stored heat as needed at night to keep rooms warmer. Conversely in the summer and in hot climates, concrete floors shielded from the sun will stay cool longer and can actually help lower air-conditioning costs.

Concrete floors are also ideal for use with energy-efficient radiant in-floor heating systems. With radiant heating, coils heated by electricity or hot water are embedded in concrete floors, warming the floor itself to deliver clean, even heat. Another benefit: When homes are heated with in-floor radiant heating, no air is being blown around, as with forced-air systems, so no dust or dirt gets recirculate into the air.

Economy

An exposed concrete floor is often an economical alternative to other finish solutions such as hardwood flooring and tile. For new residential construction or commercial projects with site-cast concrete floor slabs, choosing to leave the concrete floors exposed can save big money over the life of the building. First, you

don't have to buy and install an additional floor covering to put on top of the floor slab. In addition, the durability and low maintenance needs of concrete flooring will save you the recurring maintenance and replacement costs associated with less-enduring flooring materials, such as carpet and vinyl tile. In a typical home environment, decorative concrete floors are very low-maintenance, requiring only periodic sweeping or wet mopping.

*Source & credit: The Master builder
November, 2014*

CELEBRATION OF ENGINEERS' DAY 2014 BY THE INSTITUTION OF CIVIL ENGINEERS (INDIA)

Institution of Civil Engineers (India) celebrated Engineers' Day on 15th September, 2014 at A. P. Shinde Symposium Hall, NASC, DPS Marg, Pusa Complex, New Delhi. The Engineers' Day celebrations included the following programme :

1. National Seminar on "Sustainable Green Innovations in Construction"
2. 4th Convocation of ICE(I)
3. ICE(I) Expo-2014

The program began with the invocation and lighting of the ceremonial lamp by the dignitaries on the Dias and their welcome through Green leaves from Nature's bounty to them.

This was followed by the welcome address by Sh. Prithipal Singh, Secretary General, ICE(I). Sh. Singh stated that Engineers' Day is celebrated every year to commemorate the birthday of the Legendary Engineer of our country Sir M. Visvesvarayya who was bestowed the highest civilian award of the country, "Bharat Ratna" in recognition of his meritorious service to National Development and to the cause of Engineering. Many established and budding engineers follow the path he had paved for them. We salute this great man on this auspicious day.

The Engineers' Day Celebrations has two parts: In the morning session we hold National/International Seminar which is followed by our Annual Convocation in the afternoon.

With these words he introduced the Chief Guest and other dignitaries on the Dias. He welcomed the Chief Guest Sh. Nihal Chand Ji, Hon'ble Minister of State for Chemicals & Fertilizers, Government of India. He has the

distinction of being the youngest Member of Parliament from Ganga Nagar Constituency, Rajasthan at the age of 25. He has been elected as a Member of Parliament four times from the same Ganga Nagar Constituency. He is a leader of masses as the Constituency which he represents has elected him four times is a testimony to his popularity for the good work done by him.

He referred to the worthy Chairman Dr. S.L. Swamy without whom you cannot think of ICE (I) without his name and fame. A dynamic leader with a clear vision, a leader, who knows the way, goes the way, and shows the way. Whatever we have achieved National and International recognition the credit goes to him.

He also appreciated the active support of Er. Sagar Singh Thakur, Secretary of ICE(I) Society and Mohd. Aslam Qureshi, Vice President ICE(I) Society and Dr. S.D. Sharma, Director (Academics) ICE(I).

He touched upon the theme of the Seminar Green innovations which are the need of the day to unleash the innovative potential in creating a green, sustainable development pathway for future. He correlated the Green Buildings and Intelligent Buildings.

He also welcomed Er. Vimal Wakhlu, Chairman & Managing Director, TCIL for Chairing the Technical Session and the distinguished Speakers Prof. B. Bhattacharjee, IIT Delhi, Ar. Raj Kumar Garg, CBRI, Dr. P.K. Jain, CRRI, Prof. Vinod Tewari, TERI & Ar. Sheetal Rakheja, IGBC.

He congratulated each one of the recipient of the certificate on this august occasion. He also welcomed one and all.

Key Note Address was delivered by Dr. S.L. Swamy, Chairman, ICE(I), wherein he has set the tone for the Seminar. He informed that the construction sector plays a major role in the Indian economy. The sector will also play an important part in achieving the India's long-term greenhouse gas emissions reduction objective. There is significant pressure for the construction sector to adapt and evolve in the face of high energy prices, environmental concerns and increased competition. The competitiveness of construction companies and related service providers is therefore an important issue for future growth and employment. He reiterated the ICE(I)'s belief that Solutions exist, There are good examples to follow and Collaboration can be fruitful. He also raised the moot question today morning is "What does Sustainable Green innovation means for the Construction sector?" He called upon the learned speakers to provide ideas and examples of what Sustainable Green Innovation is at different levels of the Sector, from policies to Social Housing best-practice.

He said that presently India is faced with unavoidable growth and is in urgent need of addressing important issues like unplanned development, environmental degradation, climate change etc. The need of the hour is to develop infrastructure based on the concept of "Sustainable Design" few of the developers have taken the lead in adopting innovative and sustainable practices through a concerted drive in building eco-friendly and green buildings.

He also extended his gratitude to Shri Nihal Chand, Minister of State for Chemicals & Fertilizers, Government of India for sparing his valuable time for gracing and inaugurating the National Seminar. He also thanked the Chairperson and distinguished Speakers for their gracious presence and presentations which they will be make Seminar.

He requested the Chief Guest to inaugurate the National Seminar and address the

audience with his words of wisdom for the benefit of all.

Shri Nihal Chand, Minister of State for Chemicals & Fertilizers, Government of India applauded the role of Indian Civil Engineers across the globe. He appreciated the efforts made by ICE (I) for overall development of the profession. He especially called upon the Civil Engineering fraternity to follow the Mantra of the Hon'ble Prime Minister of India "Zero Defect, No Effect" by following "Zero Defect in Construction and No Effect to the Environment".

He was happy to inaugurate the National Seminar and once again thanked the Management for inviting him to inaugurate the National Seminar and wished all the best for the Seminar.

Er. Sagar Singh, Secretary ICE(I) Society proposed the vote of thanks in the inaugural session echoed that words of wisdom as shared by dignitaries will duly factor in ICE(I)'s work programme. Especially thanked Dr. S.L. Swamy, Chairman, ICE(I) for inviting Shri Nihal Chand, Minister of State for Chemicals & Fertilizers, Government of India for inaugurating the Seminar He applauded the ideas of "Zero Defect in Construction and No Effect to the Environment". He invited everyone for the ICE(I) Expo-2014 and Tea.

A memento was presented to the Chief Guest by the Chairman ICE(I) as a token of sweet remembrance.

The inaugural session was ended with a request to the Chief Guest to inaugurate the ICE(I) Expo and join over a cup of tea with all the audience.

National Seminar ON “SUSTAINABLE GREEN INNOVATIONS IN CONSTRUCTION”

The construction industry is one of the largest economic activities contributing to India's development. India has been witnessing tremendous growth in building & construction sector. In view its prioritization the Government of India and all other stockholders are focusing on creating an environmental friendly scenario to bring infrastructural sustainability. In order to inspire the next generation of architects, engineers, and construction managers ICE(I) has organized the seminar on Sustainable Green Innovations in Construction, with a view to mould their approach for ushering in a better tomorrow.

With this background a National Seminar was organized Er. Vimal Wakhlu, Chairman & Managing Director, TCIL, (A Govt. of India Enterprise) was the Chairperson.

Dr. S.D Sharma Director (Academic), ICE(I) gave introduction to the seminar. He called upon the civil engineers to shape the world as it is relying on civil engineers every day for a variety of things : from supplying energy and clean water to our homes, to processing and recycling our waste, to finding solutions to problems like pollution.

ICE(I) seeks to harness the creativity, energy and dedication of civil engineers to help address our needs and shape the world around us. A global initiative that will inspire today's and tomorrow's civil engineers to find solutions to the world's greatest infrastructure challenges.

Dr. P.K. Jain, Chief Scientist & Advisor (PEA), Coordinator- CSIR, C.R.R.I. gave presentation on Sustainable Green Innovations in Road Construction. He spoke about technological details, construction procedures,

environmental benefits and cost effectiveness of green innovations in road constructions over traditional construction technologies.

Ar. Sheetal Rakheja, Co-Chair, IGBC, Delhi Chapter spoke on “Shunya” Net Zero Energy Home. She made the audience captive by the concept of a self sustaining home, which is made from waste materials and produces its own electricity, which is the Journey from IGBC LEED Platinum Buildings to Net Zero Energy Buildings

Dr. Vinod Tewari, Advisor Urban Development TERI & Visiting Prof. TERI University gave presentation on Sustainable Urban Development - Responding to the Challenges. He stressed that the cities will have to respond to the challenges by enhancing their planning and management capacity, by providing sustainable and climate resilient urban infrastructure and services, and by improving the urban governance systems. Concern for urban environment and poverty alleviation will have to be given paramount importance.

Ar. Raj Kumar Garg, Chief Scientist & Coordinator Architecture & Planning, Efficiency of Buildings Central Building Research Institute spoke on Sustainable Build Environment and Cost Effect Construction Technologies for EWS Housing. He gave insights on the concept of Sustainable Development through EWS which is very essential and it should be kept in letter and spirit for the development.

Prof. B. Bhattacharjee, IIT Delhi made presentation on Sustainable Building Infrastructure: Role of Civil Engineers.

He highlighted the need to developed operative tools and guidelines for sustainable planning of infrastructure.

Chairperson **Er. Vimal Wakhlu**, Chairman & Managing Director, TCIL, while sprinkled his own colours on the presentations, summed up the National Seminar suggesting ICE(I) to present the main recommendations of the Seminar must be conveyed to the right quarters for implementation, to which ICE(I) agreed.

The mementos were presented to the Chairperson and Speakers of the seminar by the Chairman, ICE(I) **Dr. S.L. Swamy** as a token of appreciation.

The seminar was blessed with words of wisdom of speakers of National & International repute. The topics dwelled deeper into issues of emerging significance. It provided an apt opportunity to delegates to empathies with the challenges and opportunities available while dealing with sustenance.

The vote of thanks was presented by the Director (PR) of ICE(I) **Sh. T.R. Piplani** wherein he foremost thanked the Almighty. He thanked the Chief Guest, Chairperson of the seminar and the Speakers who had contributed in the various technical sessions by their excellent presentations for enriching the proceedings of the Seminar. He also thanked the dedicated team of ICE(I) He also invited the august house for hot lunch.

4th Convocation of The Institution of Civil Engineers (India)

ICE(I) organized its 4th Convocation on 15th September, 2014. **Dr. Swarna Subba Rao Surveyor General of India** was the Chief Guest of this occasion.

The programme started with the entry of the convocation procession in academic robes with Chief Guest, Chairman, Secretary General and other Members of Board of Management and Academic Council. The august house was fascinated by the entry of the Academic Procession in the auditorium.

A warm welcome address by **Sh. Prithipal Singh, Secretary General, ICE(I)** was extended to one and all. He introduced the Chief Guest and other dignitaries on Dias. He remembered the Chief Guests of last three Convocations.

He welcomed the Chief Guest Dr. Swarna Subba Rao Surveyor General of India and applauded his yeomen initiative 1:10k mapping of the entire country and his other contributions in the field of surveying.

He also welcomed Dr. S.L. Swamy, Chairman, ICE(I) and other dignitaries on the Dias, guests, members of staff of ICE(I) and candidates.

He narrated that the candidates who are getting their membership certificates, as a major academic milestone in an individual's life. He advised them to accept the challenge and contribute a lot. Have a constrictive attitude and think in terms of solutions and not in terms of problems. He concluded his welcome address by quoting Dr. Abdul Kalam, Former President of India "We are all born with a divine fire within us. Our efforts should be to give wings to this fire and fill the world with the glow of its goodness".

Dr. S.L. Swamy, Chairman, ICE(I) presented the report of ICE(I), after getting customary permission of the Chief Guest. He informed the genesis of ICE(I), awarding of different grades of membership – Corporate and Non-Corporate. He also informed that the programmes offered by ICE(I) have gained great popularity amongst the candidates aspiring for professional career in Civil & Architectural Engineering. The growth can be well judged by the increase in the total number of candidates appearing in the examinations conducted since Summer-2008. He also stated for achieving the objectives and mission of ICE(I) it has joined hands with various National and International organizations. He also mentioned about the MoUs entered with various International organizations in the field of Civil Engineering by ICE(I). He mentioned about CAD and Alumni Association. He announced the Meritorious Awards for the year to the candidates and Institutional Member for their Academic Excellence and Overall Outstanding Performance.

The Convocation Ceremony started with the students who had been successful in completing their certification requirements for Associate Membership Examination and T. Engg. Examination were given Membership Certificates in the Convocation Ceremony in which the Secretary General presented the groups of students concerned requesting the Chairman to grant them the membership certificates which the Chairman did.

In his convocation address **Chief Guest Dr. Swarna Subba Rao Surveyor General of India** to the recipients of the Degree and Diploma certificates, he advised them to shape up their skills with the use of modern technology in tune with the needs of the Industry so that the employability ratio should be increased.

On this occasion ICE(I) also gave three awards (1) Meritorious Associate Membership Award for Academic Excellence (2) Meritorious Technician Membership Award for Academic Excellence (3) Outstanding Institutional Membership Award for Best Overall Performance. A new initiative was undertaken by getting the signatures of these awardees on the ICE(I) Academic Excellence Scroll kept for the purpose.

A message from **Sh. P.P. Singh Bindra, Managing Chairman, ICE(I)** to the candidates was readout by **Sh. T.R. Piplani, Director (PR), ICE(I)** in absentia.

The vote of thanks was proposed by **Ms. Maya Thakur, Director, ICE(I)** wherein she thanked Dr. Swarna Subba Rao Surveyor General of India, Chief Guest of the convocation for sparing his valuable time to give the convocation address. She also thanked the Chairman Dr. S.L. Swamy, Secretary General Mr. Prithipal Singh. She also thanked the others who contributed to the success of the programme especially Mr. T.R. Piplani, Director (PR), ICE(I) for hosting and managing this mega event including the physical facilities provided by the NASC authorities.

The procession returned back in the same manner after the convocation was declared closed amidst a big round of applause by the audience.

The Engineers Day Celebrations ended with the takeaways of sweet memories.

ICE(I) EXPO - 2014

ICE(I) celebrated its annual flagship event Engineers Day on 15th September, 2014 at A.P. Shinde Symposium Hall, NASC, DPS Marg, Pusa Complex, New Delhi-110012. Apart from the usual celebrations which includes National Seminar and Annual Convocation ICE(I) arranged for the first time exhibition titled "ICE(I) Expo-2014" in which leading builders and Govt. agencies participated. The Expo was inaugurated by Shri Nihal Chand, Minister of State for Chemicals & Fertilizers, Government of India. The Hon'ble Minister applauded the role of Indian Civil Engineers across the globe. He appreciated the efforts made by ICE (I) for overall development of the profession. He especially called upon the Civil Engineering fraternity to follow the Mantra of the Hon'ble Prime Minister of India "Zero Defect, No Effect" by following "Zero Defect in Construction and No Effect to the Environment".

This gave a rich platform to exhibit the construction works and the technologies being used to provide tools in a cost effective manner. This Expo would not have been possible but for the active support and cooperation by the exhibitors besides ICE(I):-

MD Infosystems Pvt. Ltd.- ATC AutoDesk

Indian Green Building Council – CII

Desi Energy Solutions India Pvt. Ltd

BVG India Limited

Telecommunications Consultants India Ltd

Central Road Research Institute-CSIR

The candidates of ICE(I) gained a lot to support their professionalism and overall well-being through the exposure they got. This will result in long-lasting benefits for the Civil Engineering community and increase professionalism in their respective

organizations, which will definitely reap dividends.

Some glimpses of the Expo can be seen to have an overview of this event.

ADD TO YOUR VOCABULARY

- **Epoxy Binder**
Binder made of a resin with polyamide hardener to create a chemical reaction when combined with epoxy paints, which allows the mixture to harden as it dries.
- **Escalator**
A power driven, inclined continuous stairway used for raising or lowering passengers.
- **Escutcheon**
Door hardware which accommodates the knob and keyhole.
- **Extrados**
The curve defining the exterior surface of an arch; also known as back.
- **Facade**
Front or principal face of a building; any side of a building that faces a street or other open space.
- **Fenestration**
The arrangement of windows in a building to provide interior light; also used as decorative elements in a façade.
- **Fixed Bridge**
A bridge having its superstructure spans fixed in position except that provision may be made in their construction for expansion and contraction movements resulting from temperature changes, loadings, or other forces.
- **Floor Area Ratio (FAR)**
A comparison of the total area of the floor of a building with the total area of the land upon which it stands. Maximum or minimum FARs may be established by local zoning rules.
- **Footbridge**
A bridge designed and constructed to provide means of traverse for pedestrian traffic only; also known as pedestrian bridge.
- **Forms**
The constructions that hold concrete in place while it is hardening; also known as form work, shuttering.

OUR PARTNERS TO CONDUCT PRACTICALS & SUBMISSION OF PROJECT REPORTS

(AICTE approved Institutions In different States/Cities)

✓ Andhra Pradesh
(1) Chaitanya Engineering College, Chaitanya Valley, Kommati, Madhurawada, Visakhapatnam - 530041, Andhra Pradesh
(2) Koneru Lakshmaiah College of Engineering, Green Fields, Vaddeswaram, Guntur Distt.- 522502 Andhra Pradesh
(3) Kakatiya Institute of Technology & Science. Opp. Yerragattu Hillock, Vill-Bheemaram, Mandal-Hasanparthy, Warangal - 506015, Andhra Pradesh
(4) Sri Venkateswara College of Engineering & Technology, Chittor, Andhra Pradesh
(5) Chaitanya Bharathi Institute of Technology, Chaitanya Bharathi, P.O. Gandipet, Hyderabad - 500075, Andhra Pradesh
(6) Govt. Polytechnic, Masabtank, Hyderabad-28, Andhra Pradesh
(7) (Rajeev Gandhi Memorial College of Engg. & Tech. N.H.-18, Kurnool District, Nandyal-518501, Andhra Pradesh
(8) Mumtaz College of Engg. & Technology Malakpet, Hyderabad- 36, Andhra Pradesh
(9) KLR College of Engg. & Tech. Khammam District, Paloncha Andhra Pradesh
(10) Nagole Institute of Technology & Science Kuntloor (V), Hayathnagar (M), Hyderabad, Ranga Reddy District-501505 Gveta, Hyderabad-501505, Andhra Pradesh
✓ Assam
(1) Assam Engineering College Jalukabari, Guawhati-781018, Assam
(2) Jorhat Engineering College, Government of Assam, Jorhat-785007, Assam
(3) Down Town Group of Institution Assam Down Towan University Sankar Madhab Path, Gandhi Nagar, Panikhaiti, Guwahati-781026, Assam
(4) Royal School of Engg & Technology Civil Engineering Department, Betkuchi, Guwahati-781035, Assam
(5) Nowgong Polytechnic, Panigaon, Nagaon-782001, Assam
(6) School of Engg. & Technology Kaziranga University, Koraihowa, NH 37, Jorhat-785006, Assam
✓ Bihar
(1) RP Sharma Institute of Technology, Patna, RPS Complex, Bailey Road (West) Danapur Patna - 801503 Bihar
(2) Netaji Subhas Institute of Technology, Amhara, Bihta, Patna- 801118 Bihar

✓ Chhattisgarh
(1) Ashoka Institute of Technology & Management, Gram-Torankata, Post-Somni, G.E. Road, Rajnandgaon-491441, Chhattisgarh
(2) Dignity College of Architecture NH-6, Anjora, Opposite Govt. Veterinary Hospital, Durg-491001, Chhattisgarh
✓ Delhi
(1) Chhotu Ram Rural Institute of Technology & Pharmacy, Kanjhawala, (Ghevra), Delhi-110081
✓ Gujarat
(1) L. D. College of Engineering, Government of Gujarat, Near Navranpura, Ahmedabad - 380015, Gujrat
(2) Government Engineering College Shamlaji Road, Modasa - 383315, Gujarat
(3) Sree Tapi Brahmcharyashram Sabha College of Diploma Engineering Opp. Spinning Mill, Varachha Road, Surat - 395006, Gujarat
(4) Sardar Vallabhbhai Patel Institute of Technology, PO. Box No. 22, District – Anand, Vasad-388306, Gujarat
✓ Haryana
(1) M.M. Engineering College, M.M. Group of Institutions, Mullana Distt. Ambala, Haryana
(2) Lingaya's Institute of Management & Technology Nachauli, Old Faridabad, Jasana Road, Faridabad - 121002, Haryana
(3) Haryana College of Technology & Management P.O.Box No.44 Ambala Road, Kaithal - 136027, Haryana
(4) Sat Kabir Institute of Technology & Management, Vill. Ladrawan, Teh. Bahadurgar , Dist. Jhajjar, (Near Qutubgarh-Delhi Border), Haryana-124507
(5) NCR Polytechnic, Vill.-Kulasi, Bahadurgarh, Jhajjar, Haryana
(6) Delhi College of Technology & Management 77 Km Stone, NH-2, Gudhrana, Distt. Palwal Haryana-121105
(7) Lingaya's University Nachauli, Old Faridabad, Jasana Road, Faridabad-121002, Haryana
(8) Sheetal Polytechnic V.P.O. Kilo, Rohtak-124419, Haryana
(9) R.C.M. Polytechnic M.P. Majra, Beri, Jhajjar-124103, Haryana
✓ Jharkhand
(1) Government Polytechnic P.O.- B. Polytechnic, Dhanbad-828130, Jharkhand
(2) Cambridge Institute of Technology Tatisilwai, Ranchi-835103, Jharkhand
(3) Government Polytechnic Ranchi-834001, Jharkhand

(4) Mining Institute, P.O. - B. Polytechnic Dhanbad-828130 Jharkhand
✓ Himachal Pradesh
(1) MIT College of Engineering & Management Bani (Barsar) Distt. Hamirpur Himachal Pradesh-174384
(2) Baddi University of Engineering Science & Technology Makhnumajra, Nalagarh, District-Solan, Baddi Highway, Solan-173101, Himachal Pradesh
(3) Himachal Institute of Engineering and Technology Vidyanagar (Near Central University, Shahpur, District- Kangra-176223Himachal Pradesh
✓ Jammu & Kashmir
(1) National Institute of Technology & Science, Indira Nagar, P.O. Miran Sahib,Jammu - 181001, Jammu & Kashmir
(2) Institute of Engineering & Computer Sciences, Purkhoo Camp, Domana,Jammu- 181001, Jammu & Kashmir
(3) Government College of Engineering & Technology, Old University Campus, Canal Road Jammu-180004, Jammu & Kashmir
(4) Royal Polytechnic College 55-Gogji Bagh, Srinagar-190001, Jammu & Kashmir
(5) SSM College of Engineering & Technology Parihaspora, Pattan, Baramulla , Srinagar-193121,Jammu & Kashmir
✓ Karnataka
(1) Anjuman Engineering College Anjumanbad, P.O.Box No.24 Bhatkal – 581320 Karnataka
(2) Bapuji Institute of Engineering & Technology, Post Box No. 325, Davangere-577004 Karnataka
✓ Kerala
(1) Matha College of Technology, Manakkappadi, N. Paravur, Ernakulam-683511 Kerala
(2) Mangalam College of Engineering Mangalam Campus, Ettumanoor Kottayam- 686631 Kerala
(3) MES College of Engineering, Kuttippuram Thrikkanapuram P.O.,Malappuram District. -679573 Kerala
✓ Madhya Pradesh
(1) Shri G.S. Institute of Technology & Science, 23, Park Road, Indore, Madhya Pradesh
(2) Rishiraj Institute of Technology, Village- Revati, Sanwar Road, Indore, Madhya Pradesh
(3) Mansarovar Institute of Science & Technology Mansarovar Campus, Kolar Road, Bhopal- 462042, Madhya Pradesh
(4) Govt. Polytechnic College Shahdol, Madhya Pradesh
(5) Jawaharlal Institute of Technology, "Vidya Vihar" Borawan, Tehsil Kasrawad, Distt. Khargone - 451228, Madhya Pradesh
(6) Lakshmi Narain College of Technology, Kalchuri Nagar, Raisen Road, P.O. Koluva, Bhopal - 462021, Madhya Pradesh

(7) NRI Institute of Technology & Management, Near Railway Bridge, Jhansi Road, Gwalior, Madhya Pradesh
(8) Truba Institute of Engineering & Information Technology, Karond Gandhi Nagar By Pass Road, Bhopa, Madhya Pradesh
(9) Sarder Patel College of Technology (Engg.) Sardar Patel Campus, Gyakhuri, Balaghat-481001, Madhya Pradesh
(10) Bapu Institute of Technology & Management Opp. Village Jaderua, N.H.3, A.B. Road, Morena- 746001, Madhya Pradesh
(11) Global Institute of Engineering & Science, Niwali Road, Gran-Chatli (Sendhwa) District-Barwani, Sendhwa, Madhya Pradesh
✓ Maharashtra
(1) Pravara Rural Engineering College, Loni, A/P. Loni-413736, Tal. Rahata, Dist. Ahmednagar, Maharashtra
(2) Mahatma Gandhi Missions, Jawaharlal Nehru Engineering College, N-6, CIDCO, Aurangabad – 431003 Maharashtra
(3) G.H. Rasoni College of Engineering, CRPF Gate No. 3, Hingna Road, Dighdoh Hills, Nagpur - 440016, Maharashtra
(4) Kavikulguru Institute of Technology and Science, Ramtek - 441 106, Nagpur, Maharashtra
(5) Bharati Vidyapeeth University College of Engineering, Pune-Satara Road, Dhankawadi Pune - 411043 , Maharashtra
(6) Aurangabad College of Engineering Gut No. 52, Tuljapur Shivar, (Savangi) Jalgaon Road, Aurangabad-431008 Maharashtra
(7) Trimurti Institute of Technology (Polytechnic) S. No. 227/2, Paldhi Bk., Next to North Maharashtra University, Tal. Dharangaon Dist. Jalgaon- 425103, Maharashtra
✓ Orissa
(1) Dhaneshwar Rath Institute of Engineering & Management Studies, (Diploma Wing), Kairapari, Kotsahi (Tangi), Cuttack - 754022, Orissa
(2) Krupajal Engineering School Prasanti Vihar, Pubasason, Kausalya Ganga Bhubaneswar – 751002 Orissa
(3) KIIT University, AT/PO. : KIIT, Bhubaneshwar - 751024, Orissa
(4) Black Diamond College of Engineering & Technology, Jharsuguda (BDCET) At : Balijori, L & T Dhutra Road, Jharsuguda, Orissa-768202
(5) Sanjay Memorial Institute of Technology, Chandipadar, Via : Bhattakumarada, Berhampur, Dist.-Ganjam-761003 , Orissa
(6) Gopal Krishna College of Engineering & Technology, I.E.M., Gourahari Vihar, P.O.-Raniput, Jeypore, Koraput, Odisha-764005
(7) Orissa Engineering College, Nabajyoti Vihar, Nijigarh Kurki, P.O.-Harirajpur, Jatni, Bhubaneswar-752050, Orissa
(8) Suddhananda Engineering & Research Centre, At-Nachhipur, P.O. : Bhatapatana, Bhubaneswar, Dist : Khurda, Orissa -752115
(9) Raja Kishore Chandra Academy of Technology (Polytechnic), At/Po : Nilgiri, Dist : Balasore, Balasore-756040, Orissa
(10) Suddhananda Residential Polytechnic At - Nachhipur, PO-Bhatapatana, Dist. Khurda-751012, Bhubaneswar
(11) SGI School of Architecture At-Nachhipur, Po-Bhatapatana, Dist-Khurda- 752115, Orissa
✓ Punjab
(1) Lovely Institute of Technology (Architecture), Jalandhar-Ludhiana, G.T.Road, Near Chehru Railway Bridge, Phagwara, Kapurthala-144402,

Punjab
(2) Desh Bhagat Engineering College, Amloh Road, Mandi Gobingarh, Punjab
(3) Guru Nanak Dev Engineering College, Gill Road, Ludhiana, Punjab
(4) Institution of Engineering & Technology Bhaddal, Ropar, Punjab
✓ Rajasthan
(1) Sri Balaji College of Engineering & Technology, Benad Road (Dadi Ka Phatak), Jaipur - 302013, Rajasthan
(2) College of Engineering and Technology, Bikaner, Kani Industrial Area, Pugal Road, Bikaner-334005, Rajasthan
(3) Aayojan School of Architecture ISI-4, RIICO Institutional Block Sitapura, Goner Road Jaipur-302022, Rajasthan
(4) Aryabhata College of Engineering and Research Centre Ajmer- 305001 Rajasthan
(5) Saraf Institute of Engineering & Technology Tibbi Road- Extension, Hanumangarh Town Rajasthan-335513
(6) Siddhi Vinayak Engineering & Management College E-I, B-1, M.1.A., Institution Area Alwar-301001 Rajasthan
(7) SLBS Polytechnic College NH-112, Jodhpur-JaiOpur Highway, Dangiawas, Jodhpur-342027, Rajasthan
(8) SLBS Engineering College NH-112, Jodhpur-Jaipur Highway, Dangiawas, Jodhpur-342027, Rajasthan
(1) Laxmi Devi Institute of Engineering & Technology Alwar-Tijara-Delhi Highway, Chikaani, Alwar- 301028, Rajasthan
✓ Uttarakhand
(2) Dehradun Institute of Technology, Mussoorie-Diversion Road, P.O. - Bhagwantpur, Dehradun, Uttarakhand
(2) Drona's College of Management & Technical Education Opposite Rajpur, Bypass, Sahastradhara Road, PO : Gujarada Dehradun-248001 Uttarakhand
✓ Uttar Pradesh
(1) Bundelkhand Institute of Engineering & Technology, Kanpur Road, Jhansi - 284128, Uttar Pradesh
(2) Radha Govind Engineering College, Anuyogipuram ,Near Medical College Garh Road, Meerut - 250004, Uttar Pradesh
(3) Gandhi Polytechnic, Muzaffarnagar, Uttar Pradesh
(4) Hewett Polytechnic, Lucknow, Mahanagar, Lucknow, Uttar Pradesh
(5) Lucknow Polytechnic Lucknow, Abhyantrik Upnivesh, Krishna Nagar, Kanpur Road, Lucknow Uttar Pradesh
(6) Sevdie Institute of Management & Technology, (S.I.M.T), Chinhat Deva Road, Lucknow, Uttar Pradesh
(7) North India Institute of Technology 7th km Bundki Road, Najibabad Dist. Bijnor, Bijnor-246763 Uttar Pradesh
(8) Devprayag Institute of Technical Studies Devprayag Technical Campus, Phaphamau, Allahabad, Uttar Pradesh
(9) Jaswant Singh Bhadauria Institute of Technology Kosi Khurd Bharatpur Road Mathura- 281005, Uttar Pradesh

(10) Sunderdeep College of Architecture NH-24, Sunder Deep Nagar Delhi-Hapur Road Dasna Ghaziabad-201001Uttar Pradesh
(11) Goel Institute of Technology & Management Lucknow -Faizabad Road, Near Indiarra Canal Lucknow-227105Uttar Pradesh
(12) M G Institute of Management & Technology 8th Km. Mile Stone from Amausi Airport, Lucknow-Kanpur Highway, Banthara,Lucknow-227101Uttar Pradesh
(13) Institute of Engineering & Rural Technology , Allahabad, 26, Chaitham Lines, Allahabad-211002, Uttar Pradesh
(14) Hanswahini Institute of Science & Technology (Polytechnic) Mahuari Chakia (Near ITI Company), Post-Nibi, Nainin, Allahabad- 211008, Uttar Pradesh
(15) Dreams College of Polytechnic 5th Km Milestone, Janta Road, Saharanpur- 247001, Uttar Pradesh
(16) Shanti Niketan Group of Institutions NCR Knowledge City, Goon-Gejha Road, Mohiuddinpur, Meerut- 201205, Uttar Pradesh
✓ West Bengal
(1) North Calcutta Polytechnic, 15, G.M. Lane, Kolkata-700002, West Bengal
(2) Camellia School of Engineering & Technology, Nadibhag, P.O.-Kajipara, Barasat, Kolkata-700124, West Bengal
(3) JIS College of Engineering, Block "A" Phase-III, Kalyani, Nadia, West Bengal-741235
(4) Rajmati Prichand Bothra Memorial Jiaganj College of Engineering & Technology (RPBM) At - Hatibhjan, PO. Jiagan, Dist. – Murshidabad-742123, West Bengal
(5) Narula Institute of Technology 81, Nilgunj Road, Agarpara,Kolkata-700109 West Bengal
(6) Sanaka Educational Trust's Group of Institutions B-150, Columbia Street, Bidhan Nagar,P.O. Malandighi, P.S. Kanksa, Burdwan Durgapur-713212
(7) The New Horizons Institute of Technology Phase-II, City Centre, South G.T. Road Durgapur-713208, District.- Burdwan, West Bengal.
(8) Ideal Institute of Engineering Kalyani Shilpanchal, P.O. & P.S. – Kalyani Dist.- Nadia West Bengal-741235
(9) IMPS College of Engineering & Technology Malda Nityanandapur, P.O- Chandipur (Kajigram),Malda-732103,West Bengal

ABSTRACT

Sl.No.	State	No. of MoUs
1.	Andhra Pradesh	10
2.	Assam	6
3.	Bihar	2
4.	Chhattisgarh	2
5.	Delhi	1
6.	Gujarat	4
7.	Haryana	9
8.	Himachal Pradesh	3
9.	Jammu and Kashmir	5
10.	Jharkhand	4
11.	Karnataka	2
12.	Kerala	3
13.	Madhya Pradesh	11
14.	Maharashtra	7
15.	Orissa	11
16.	Punjab	4
17.	Rajasthan	9
18.	Uttarakhand	2
19.	Uttar Pradesh	16
20.	West Bengal	10
	Total	121

Professional Vistas

<ul style="list-style-type: none"> • Recognition by Govt. of India, Ministry of Human Resource Development, Department of Higher Education vide Gazette Notification No. F.24/1/2007-TS.III Dated 06.11.2007. 	<ul style="list-style-type: none"> • Recognition by Government of National Capital Territory of Delhi vide letter No.1(1)/2008-DD/SB/1520/5609 Dated 29.10.2008.
<ul style="list-style-type: none"> • Recognition by Association of Indian Universities (AIU) vide letter No. EV/III (366)/2008/71 Dated 11.04.2008. 	<ul style="list-style-type: none"> • Recognition by Shapoorji Pallonji & Co. Ltd. vide letter No. Nil Dated 30.10.2008.
<ul style="list-style-type: none"> • Recognition by All India Council for Technical Education (AICTE) vide letter No. Eqvi./AB/Gen.Corr./2008-09 Dated 16.09.2008. 	<ul style="list-style-type: none"> • Recognition by Government of Andhra Pradesh vide letter No. 10232/EC.2/2008-02 Dated 05.11.2008.
<ul style="list-style-type: none"> • Recognition by Union Public Service Commission (UPSC) vide letter No. F.2/1/2007-EIB Dated 30.06.2009. 	<ul style="list-style-type: none"> • Recognition by Administration of Daman & Diu (UT) vide letter No. 10.2 (PART-IV) EST-GP/2008-09/797 Dated 11.11.2008.
<ul style="list-style-type: none"> • Recognition for GATE by National Coordinating Board-Gate, Deptt. of Education, MHRD, Gol. 	<ul style="list-style-type: none"> • Recognition by CPWD- Central Public Works Department, Government of India vide letter No.A-12021/1/2006-EC VI/74-75 Dated 19.01.2009.
<ul style="list-style-type: none"> • Recognition by Government of Goa vide letter No.12/11/87-PER/Vol.II Dated 06.03.2008. 	<ul style="list-style-type: none"> • Recognition by Visvesvaraya Technological University, Karnataka vide letter No. VTU/Aca/OS-GC/2009-10/2118 Dated 04.06.2009
<ul style="list-style-type: none"> • Recognition by Directorate of Technical Education, Haryana vide letter No.351-53/Dev. Dated 13.06.2008. 	<ul style="list-style-type: none"> • Recognition by Government of Nagaland vide letter No. IT/10-1/04 Dated 30.07.2009
<ul style="list-style-type: none"> • Recognition by Government of Kerala vide letter No.3946/GI/08/H. Edn Dated 08.07.2008 	<ul style="list-style-type: none"> • Recognition by Government of Uttarakhand, PWD, Pauri Garhwal vide letter No.1011/20(15) E.A.-Parv./09-10 Dated 06.09.2009.
<ul style="list-style-type: none"> • Recognition by RITES Limited vide letter No. RITES/RI/RCED/Misc/2008 Dated 14.07.2008. 	<ul style="list-style-type: none"> • Recognition by Government of Chhattisgarh, Department of Technical Education, Manpower Planning, Science & Technology, Mantralaya, D.K.S Bhavan, Raipur vide letter No.F-14/07/42 Dated 11.05.2010.
<ul style="list-style-type: none"> • Recognition by Delhi Development Authority (DDA) vide letter No.F.7(98)2008/PBI/2399 Dated. 20.08.2008. 	<ul style="list-style-type: none"> • Recognition by Government of Punjab, Technical Education and Industrial Training, Punjab Chandigarh. vide letter No.1362 Dated 24.06.2010.
<ul style="list-style-type: none"> • Recognition by Government of Meghalaya vide letter No. FDN.156/2001/249-A Dated 21.08.2008. 	<ul style="list-style-type: none"> • Rural Electrification Corporation Limited (A Government of India Enterprises) vide letter No. REC/ED(HR)/Trg./2010-11/ Dated 10.08.2010
<ul style="list-style-type: none"> • Recognition by IRCON INTERNATIONAL LIMITED vide letter No. IRCON/HRM/31/28/728 Dated 01.09.2008. 	<ul style="list-style-type: none"> • Cement Corporation of India Ltd. (A Government of India Enterprises) vide letter No. PD/HRD/6/6/2010/6119 Dated 12.08.2010
<ul style="list-style-type: none"> • Recognition by Directorate General Border Roads vide letter No. 13616/Gen/Rect /DGBR/97/E1A Dated 21.10.2008. 	

<ul style="list-style-type: none"> • Recognition by Delhi Metro Rail Corporation Ltd. vide letter No DMRC/O&M/HR/2010 Dated 20.08.2010 	<ul style="list-style-type: none"> • Recognition by All India Management Association (AIMA) Vide No. MAT/M-14 Dated 18.12.2013
<ul style="list-style-type: none"> • Recognition by Oil and Natural Gas Corporation Ltd. Rectt. Section, Tel Bhawan, Dehradun vide letter No. 7(2)/PR-Rectt./2010 Dated 26.08.2010 	<ul style="list-style-type: none"> • Recognition by Jawaharlal Nehru Technological University, Hyderabad Vide No. MAT/M-14 Dated 18.12.20A1/1640/2014 Dated 07.01.2014
<ul style="list-style-type: none"> • Recognition by Anna University Chennai, Chennai-600025 vide letter No.2664?AU/DD1-DAC/2011/F21 Dated 07.01.2011 	<ul style="list-style-type: none"> • Recognition by NHPC Limited Vide letter No.NH/HR/Rectt./060/Int.Ind./2014/308 Dated 17.07.2014
<ul style="list-style-type: none"> • Recognition by Government of West Bengal, Directorate of Technical Education & Training, Kolkata vide letter No.728 TET Dated 28.03.2011 	<ul style="list-style-type: none"> • Recognition by Instrumentation Limited Vide letter No. IL/CPD/Rectt-73/2014-15 Dated 18.07.2014
<ul style="list-style-type: none"> • Recognition by Government of Karnataka Vide Govt. order No. ED 21 UTV 2012 Dated 09.03.2012 	<ul style="list-style-type: none"> • Recognition by Rajasthan Technical University Vide website Notification dated 07.07.2014
<ul style="list-style-type: none"> • Recognition by State Board of Technical Education and Training, Andhra Pradesh, Hyderabad Vide letter No. No. Lr.No.SBTEL/B5-775/596/EQUI/2012 Dated 02/04/2013 	<ul style="list-style-type: none"> • Recognition by XAT Vide Fax dated 14.11.2014
<ul style="list-style-type: none"> • Recognition by Maharshi Dayanand University Rohtak Vide letter No. AC-3/2013/F-207/4085-98 Dated 26.04.2013 	<ul style="list-style-type: none"> • Recognition by University of Mumbai Vide letter No. Elg/2331 of 2014 dated 26.11.2014
<ul style="list-style-type: none"> • Recognition by Andhra Pradesh Public Service Commission Vide letter No.1549/RN/2012 dated 29.04.2013 	<ul style="list-style-type: none"> • Recognition by Army Vide letter No.B/60202/ RTG UES dated 28.11.2014
<ul style="list-style-type: none"> • Recognition by CAT Vide e- mail Dated 23.07.2013 	<ul style="list-style-type: none"> • Recognition by Mahatma Gandhi University, Kerala Vide letter No. AcD/02/4092/2014 dated 2.12.2014
<ul style="list-style-type: none"> • Recognition by Birla Institute of Technology, Mesra Ranchi-835215 Vide letter no. GO/ICE(I)/13-14/3781 Dated 05.08.2013 	
<ul style="list-style-type: none"> • Recognition by Public Service Commission, West Bengal Vide No. 101PSC(S&R)/2M-1/09(S&R)(Pt) Dated 07.08.2013 	
<ul style="list-style-type: none"> • Karnataka Public Service Commission Vide No. R(i)484/13-1 Dated 30.09.2013 	
<ul style="list-style-type: none"> • The Institution of Engineers (India) Vide No. EEA/ACC/3179/A KG Dated 11.11.2013 	
<ul style="list-style-type: none"> • Meghalaya Public Service Commission Vide No. MPSC/E-27/2011-2012/85 Dated 15.11.2013 	

**An
Ever
Expanding
List
Of
Recognition
Of
ICE(I)
Examinations**

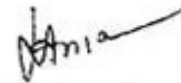
[TO BE PUBLISHED IN PART-1 SECTION -I OF GAZETTE OF INDIA]

Government of India
Ministry of Human Resource Development
Department of Higher Education

Shastri Bhawan, New Delhi,
the 6th November, 2007

NOTIFICATION

No.F.24 – 1 / 2007 – TS.III. On the recommendations of the High Level Committee for recognition of Educational Qualifications in its meeting held on 22nd May 2007, the Government of India has decided to give recognition to the Section A & B of Associate Membership course, equivalent to Degree and Part – I & II of Technician Engineers (T) equivalent to Diploma in Civil Engineering and Architecture Engineering Courses conducted by the Institution of Civil Engineers (India), Ludhiana (Punjab) as per syllabus approved by All India Council for Technical Education (AICTE) w.e.f. the academic session 2007 – 2008 for the purpose of employment to the posts and services under Central Government in the appropriate field. It is subject to the conditions that the total number of candidates who can be admitted for the said examination would not exceed the authorized strength of the concerned Institutions with which Institution of Civil Engineers (India), Ludhiana (Punjab) has entered into Memorandum of Understanding (MOUs). A review in respect of recognition of educational qualifications shall be made by Ministry of Human Resource Development after one year through All India Council for Technical Education (AICTE).



(RAVI MATHUR)

Joint Secretary to the Government of India
Tel: 2338 1097

To

The Manager,
Government of India Press,
Faridabad.

..contd./-

(भारत के राजपत्र के भाग-1 खण्ड-1 में प्रकाशन के लिए)

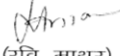
भारत सरकार
मानव संसाधन विकास मंत्रालय
उच्चतर शिक्षा विभाग

शास्त्री भवन, नई दिल्ली

6 नवम्बर, 2007

अधिसूचना

सं.एफ. 24-1/2007-टी.एस.111 शैक्षणिक योग्यताओं को मान्यता प्रदान करने के लिए उच्च स्तरीय समिति की दिनांक 22 मई, 2007 की बैठक में की गई सिफारिशों के आधार पर भारत सरकार ने उपर्युक्त क्षेत्र में केन्द्रीय सरकार की सेवाओं तथा पदों पर रोजगार देने के उद्देश्य से शैक्षणिक सत्र, 2007-08 से सिविल इंजीनियरी संस्थान (भारत), लुधियाना (पंजाब) के अखिल भारतीय तकनीकी शिक्षा परिषद द्वारा अनुमोदित पाठ्यचर्या अनुसार संचालित सिविल इंजीनियरी और वास्तुकला इंजीनियरी पाठ्यक्रमों में एसोशिएट सदस्यता पाठ्यक्रम की धारा (क) और (ख) को डिग्री के समकक्ष और तकनीकी इंजीनियरों (त) के भाग 1 और 11 को डिप्लोमा के समकक्ष मान्यता प्रदान करने का निर्णय लिया है। यह मान्यता इस शर्त के अधीन होगी कि अभ्यर्थियों की कुल संख्या उक्त परीक्षा के लिए सम्बन्धित संस्थान की अधिकृत दाखिला क्षमता से अधिक नहीं हो जिसके साथ सिविल इंजीनियरी संस्थान (भारत), लुधियाना (पंजाब) ने संगम ज्ञापन किया है। मानव संसाधन विकास मंत्रालय एक वर्ष के बाद अखिल भारतीय तकनीकी शिक्षा परिषद के माध्यम से शैक्षणिक योग्यताओं की मान्यता की पुनरीक्षा करेगा।


(रवि माथुर)

संयुक्त सचिव, भारत सरकार
दूरभाष: 23381097

सेवा में,
प्रबंधक
भारत सरकार प्रेस
फरीदाबाद।

Please visit ICE(I) Notification At MHRD Website :
www.education.nic.in/Tech/Recoeduqualfs.pdf

SNIPPETS

JULY 2014

BREAKING NEWS

We are happy to inform that Dr. K. Rajagopal, Professor, Department of Civil Engineering, Indian Institute of Technology-Madras, Chennai who is one of the members of the "Intellectual Pillars" of the ICE(I) has prepared a video course on the subject titled "Geosynthetics and Reinforced Soil Structures" which has been uploaded in the National Programme on Technology Enhanced Learning (NPTEL).

The video lectures, lecture slides and other supporting materials can be freely accessed and downloaded at the link <http://www.nptel.iitm.ac.in/courses/105106052>.

The above information is brought to the notice of the aspiring candidates as we feel that this would be of great interest to several civil engineering professionals.

3rd INTERNATIONAL CONFERENCE ON CORPORATE SOCIAL RESPONSIBILITY: PARTNERING FOR A BETTER INDIA

This Conference was aimed to engage all the stakeholders in the value chain of sustainable inclusive growth with thrust on the various opportunities and challenges under the gamut of CSR. It intended for a common platform which would help strengthen the process of synergizing efforts amongst all and create effective linkages for innovating sustainable programs. Eminent speakers from Government, Industry and Academia deliberated on various aspects. ICE(I) at the invitation of PHD Chamber participated on 16th July, 2014 through Mr. Prithipal Singh, Secretary General and Mr. T.R. Piplani, Director (PR).

NHPC LIMITED RECOGNIZES EXAMINATION CONDUCTED BY ICE(I)

NHPC Limited (A Govt. of India Enterprise) gave recognition to Associate Membership Examination equivalent to Degree i.e. AMICE(I) in Civil Engineering awarded by ICE(I) by giving an opportunity to its employees who have enrolled with ICE(I) upto 31.05.2013

INSTRUMENTATION LIMITED RECOGNIZES EXAMINATION CONDUCTED BY ICE(I)

Instrumentation Limited (A Govt. of India Enterprise) gave recognition to the Associate Membership Examination equivalent to Degree i.e. AMICE(I) in Civil Engineering awarded by ICE(I) vide letter No. IL/CPD/Rectt-73/2014-15 dated 18.07.2014

EQUIVALENCE TO THE EXAMINATIONS OF ICE(I) BY RAJASTHAN TECHNICAL UNIVERSITY

Rajasthan Technical University (RTU), Kota has recognized Section A & B of the Associate Membership Degree in Civil Engineering, as one of the eligibility for admission to various M. Tech programmes offered by the 55 affiliated Engineering Colleges and one Constituent College i.e UCE, as per the information uploaded on their website.

AUGUST 2014

17th JRD TATA MEMORIAL LECTURE ON 5th AUGUST, 2014

ASSOCHAM, India's apex Knowledge Chamber, instituted the JRD Tata Memorial Lecture Series in 1998 in memory of JRD and the Series has since then been graced by several distinguished and eminent speakers. Bharat Ratna Prof. C.N.R. Rao, Chairman, Scientific Advisory Council to the Hon'ble Prime Minister of India presented 17th JRD Tata Memorial Lecture. At the invitation of ASSOCHAM Mr. Prithipal Singh, Secretary General and Mr. T.R. Piplani, Director (PR) attended the event on behalf of ICE (I). It was well attended by the Corporate Leaders, Govt. Functionaries and Diplomats.

MANAGING INDIA AWARDS 2014

Deeds of distinction – Recognizing the contributions made in various fields, AIMA felicitated some of the significant achievers of our nation.

Hon'ble Minister of Home Affairs, Govt. of India Mr. Rajnath Singh presented the Awards at a glittering ceremony held on 6th August, 2014. ICE (I) was represented at the event by Mr. Prithipal Singh, Secretary General and Mr. T.R. Piplani, Director (PR). It was well attended by the Corporate Leaders, Govt. Functionaries.

SEPTEMBER 2014

ENGINEERS DAY CELEBRATION 2014

The institution of Civil Engineers (India) celebrated Engineers Day on 15th September, 2014 at A.P. Shinde Symposium Hall NASC, DPS Marg Pusa Complex, New Delhi. The programme was inaugurated by Shri Nihal Chand, Hon'ble Minister of State for Chemicals & Fertilizers, Govt. of India details are available in the issue.

NATIONAL SEMINAR ON "SUSTAINABLE GREEN INNOVATIONS IN CONSTRUCTION"

ICE(I) organized National Seminar On "Sustainable Green Innovations in Construction" on 15th September, 2014 The Seminar was chaired by Er. Vimal Wakhlu, Chairman & Managing Director, TCIL and the presentations made by IIT-Delhi, CRRI, IGBC, TERI and CBRI. Detailed report in the issue.

4th CONVOCATION OF ICE(I)

ICE(I) organized its 4th Convocation on 15th September, 2014. Dr. Swarna Subba Rao, Surveyor General of India was the Chief Guest. Candidates who had been successful in completing their certification requirements for Associate Membership Examination & Technician Membership Examination were given Membership certificates in the convocation ceremony. Detailed report in the issue.

ICE(I) EXPO – 2014

ICE(I) arranged for the first time exhibition on 15th September, 2014, titled "ICE(I) Expo-2014" in which leading builders and Govt. agencies participated. The Expo was inaugurated by Shri Nihal Chand, Minister of State for Chemicals & Fertilizers, Government of India details are available in the issue.

41st NATIONAL MANAGEMENT CONVENTION "CHANGING TIMES: REINVENTING THE INDIA STORY"

AIMA's 41st National Management Convention (NMC) brought into focus this very requirement of the changing times to reinvent the India story. The two-day Convention held on 23rd-24th September, 2014 at New Delhi covered a vast gamut of important issues impacting India's leaders in business and politics. It also brought to focus the key issues that require addressing in India today from growth, regional development and urbanization to the power of youth in shaping the country. Mr. Prithipal Singh, Secretary General and Mr. T.R.Piplani, Director (PR) attended on behalf of ICE(I).

OCTOBER 2014

12th NATIONAL CONFERENCE ON ACCELERATING ECONOMIC GROWTH THROUGH SPEEDY IMPLEMENTATION OF PROJECTS-CHALLENGE FOR ENGINEERS & TECHNOLOGIST

Engineering Council of India (ECI) organized 12th National Conference on 29th October, 2014 at New Delhi that flags some important issues which need to be addressed on priority to accelerate the economic growth in the Country. India is emerging as a fast growing knowledge economy. The challenge is to convert our tremendous human resource potential into reality by expanding opportunities for the youngsters in diverse fields. Mr. Prithipal Singh, Secretary General and Mr. T.R.Piplani, Director (PR) attended on behalf of ICE(I).

NOVEMBER 2014

BUSINESSWORLD INDIA'S BEST B-SCHOOLS AWARDS & FELICITATION CEREMONY

The BW Businessworld has conducted the BWB-School survey with 166 institutes ranked. They were judged from different criteria's viz. Infrastructure & Living Experience, Industry Interaction, Placements, Intellectual Capital and Pedagogy. They have felicitated 25 top ranking institutes in a glittering ceremony held on 11th November, 2014 at Leela Kempinski, Gurgaon. The programme was followed by a day long Panel discussions on the Preparing Leaders for Tomorrow, Regulation : How much is too much?, Humanities Schools Vs Business School-The face -off, What Recruiters Want from B Schools, MOOCS : Friend or Foe & B-

school-Industry connect- The Missing Link. The best of the brains from Industry, Academia, Policy Makers dwelled upon the issues. Sh. Prithipal Singh, Secretary General and Sh. T.R. Piplani, Director (PR) attended the event on behalf of ICE(I), at the invitation of Businessworld.

EQUIVALENCE TO THE EXAMINATIONS OF ICE(I) BY XAT

XAT in Management an All India Examination administered and conducted across the country by the XLRI -Xavier School of Management has incorporated the qualification of AMICE(I) of ICE(I), as one of the eligibility for admission to the Postgraduate programmes offered by them, (Ref. Fax dated November 14, 2014).

DECEMBER 2014

ICE(I) CONDUCTS WINTER-2014 EXAMINATION

ICE(I) conducted Winter-2014 Examinations in around 40 examination centres from 1st December, 2014 to 8th December, 2014.

RECOGNITION BY UNIVERSITY OF MUMBAI TO THE EXAMINATIONS CONDUCTED BY ICE(I) FOR HIGHER STUDIES

University of Mumbai has recognized the examinations conducted by ICE(I) for admission to Higher Studies in the University vide their letter No. Elg/2331 of 2014 dated 26th November, 2014

RECOGNITION BY ARMY TO THE EXAMINATIONS CONDUCTED BY ICE(I)

The Integrated HQ of MoD (Army) Adjutant General's Branch, Dte Gen of Rtg (UES) has granted Recognition by Army to the Examinations conducted by ICE(I) vide their letter No. B/60202/RTG UES dated 28th November, 2014

RECOGNITION BY MAHATMA GANDHI UNIVERSITY TO THE EXAMINATIONS CONDUCTED BY ICE(I)

Mahatma Gandhi University, Kottayam, Kerala has recognized Technician Membership Examination in Civil Engineering for admission to Higher Studies in the University vide their letter No. AcD/02/4092/2014 dated 2nd December, 2014

Alumni.....A Lifelong Relationship ! Keep it alive!

Alumni Engagement is at the core of the Institution of Civil Engineers (India). Keeping this in mind, the institution has worked towards building a strong alumni community and will continue to work in this direction.

“Alumni are the true brand ambassadors of their Alma Mater and represent it everywhere they go. They truly reflect the values of the institution from which they have graduated.

In order to actively engage our alumni, The Institution of Civil Engineers (India) encourages alumni participation to bring them together by providing a forum for meeting and exchange of views, to facilitate professional networking for mutual benefit and to contribute to the Institution’s efforts for achieving excellence in academics and research through sharing knowledge and expertise of its members in areas pertaining to academics, infrastructure, industry interactions and others, if any.

The Alumni are also invited for seminars, conferences, advancement programs etc. to enhance their **learning’s** which they can further use in their own respective work areas.

Keep reading this column for more news and updates on our Alumni.....!!.

The Members, who have not yet enrolled, may get in touch with us on icei.alumni@gmail.com or at Delhi Office.

Secretary General

PHOTO GALLERY

INAUGURAL SESSION OF ENGINEERS DAY CELEBRATIONS – 2014

Presentation of Bouquets to Chief Guest, Mr. Nihal Chand, Hon'ble Minister of State for Chemicals & Fertilizers, GoI & other dignitaries on the Dias



INAUGURAL SESSION OF ENGINEERS DAY CELEBRATIONS – 2014

Lighting of Ceremonial Lamp by Chief Guest, Mr. Nihal Chand, Hon'ble Minister of State for Chemicals & Fertilizers, GoI & other dignitaries on the Dias



PRESENTATION OF MOMENTO TO THE CHIEF GUEST



**Left to Right, Mr. Prithipal Singh, Secretary General, ICE(I),
Chief Guest Hon'ble Minister Mr. Nihal Chand,
Dr. S.L. Swamy, Chairman, ICE(I)**

ICE(I) EXPO PANORAMA





TECHNICAL SESSION



PRESENTATION OF MOMENTOES TO THE CHAIRPERSON AND SPEAKERS AT THE SEMINAR



ICE(I) Family





The Institution of Civil Engineers (India)

(A Govt. of India Recognized Degree Level Institution)

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