



# The Indian Engineer

*What is the difference between mechanical engineers and civil engineers? Mechanical engineers build weapons and civil engineers build targets : Unknown*  
*Experience is the name, wise men give to the mistakes, also ensuring such mistakes are not repeated : Oscar Wilde*  
*In this world nothing can be said to be certain, except death and taxes. : Benjamin Franklin*

NEWSLETTER OF THE ENGINEERING COUNCIL OF INDIA

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December, 2013

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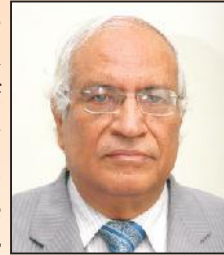
The Institute of Marine Engineers (India)

**Shri P. N. Shali**

Director

## Message from the Chairman

Continuing with our objective to promote world class engineering profession in India, ECI organised 11th National Conference on the Theme: International Competitiveness of Indian Engineering Services on October 28, 2013 at New Delhi. Chief Guest, Dr E.M. Sudarsana Natchiappan, Minister of State, Commerce and Industry inaugurated the Conference. The address of the Guest of Honour Dr. Sudhir Krishna, Secretary, Ministry of Urban Development, was read in the Inaugural session. With the support of member associations, the Conference was a great success, with about 230 participants and about 25 eminent speakers. A brief summary appears elsewhere in this newsletter.



ECI is organizing the 5th Certificate Programme on Project Management for Engineers from February 17-21, 2014 at New Delhi with the support of Ministry of Statistics and Programme Implementation and Department of Public Enterprises, Ministry of Heavy Industry and Public Enterprises.

In the previous Newsletter of September 2013, I had mentioned about the Public Notice issued by the Council of Architecture (COA) Notice, warning individuals and companies not registered as architects against practicing profession of architecture, which as I had pointed out, was a misinterpretation of Architects Act 1972 as the Act only protects the title of 'Architect' and not the profession. Engineering Council of India (ECI) had joined hands with our members Consulting Engineers Association of India (CEAI), Indian Association of Structural Engineers (IASE) and Association of Consulting Civil Engineers (India) for a joint action. I am glad to inform that Hon'ble High Court has recently held that the Architects Act does not prohibit people other than architects to practice profession of architecture and the language of Section 37 of the Architects Act 1972 is clear. This is expected to become final judgement on the next hearing on January 20, 2014.

I am pleased to inform that Indian Society of Non Destructive Testing has become a permanent member of ECI. With this, 24 out of 32 members of ECI are now permanent members. I would request other member associations also to take permanent membership of ECI which will strengthen the council.

Let me wish all of you a very Happy and Prosperous New Year

  
(Uddesh Kohli)

### Engineering Council of India (ECI)

ECI is organizing a focused 5th one-week training programme on Project Management for Engineers from February 17 to 21, 2014 at India International Centre, New Delhi. The programme will be for engineers engaged on projects in corporate organizations, central and state governments. It will help them in acquiring skills for better planning and implementation of projects so as to minimize time and cost over-runs. For details visit [www.ecindia.org](http://www.ecindia.org), or, send a mail to [eci@ecindia.org](mailto:eci@ecindia.org), [director@ecindia.org](mailto:director@ecindia.org), [pnshali@gmail.com](mailto:pnshali@gmail.com).

### Foundation Day of ECI

ECI will be celebrating its 12<sup>th</sup> Foundation Day on April 4, 2014 at New Delhi. On the occasion "eminent engineer" award will also be conferred. For details visit [www.eci.org](http://www.eci.org) or send a mail to [eci@ecindia.org](mailto:eci@ecindia.org), [director@ecindia.org](mailto:director@ecindia.org)

### ACCE(I)-Awards 2013

Association of Consulting Civil Engineers (India) has been conferring yearly Awards for outstanding work of persons/organization/firms, for excellent/ innovative design, excellence in the field of construction, significant contributions to civil engineering consultancy, best software package in civil engineering, best publication in civil engineering etc. For details visit : [www.accehq.net](http://www.accehq.net) or send a mail to: [accehq@vsnl.com](mailto:accehq@vsnl.com), [admin@accehq.net](mailto:admin@accehq.net).

### Computer Society of India (CSI) ISCON 2014

CSI jointly with the PSG College of Technology, University of South Australia and is organizing an International Conference on Information Systems & Computer Networks - ISCON 2014. For details send a mail to: [hq@csi-india.org](mailto:hq@csi-india.org), or, visit : [www.csi-india.org](http://www.csi-india.org)

### CEAI National Awards 2013

Nominations have been called for the "Awards of Excellence" in various categories to recognize excellence in the engineering consultancy profession. The

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## From the Editor's Desk



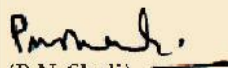
### Architects and engineers should work together in close coordination

The Architects Act, 1972 does not prohibit engineers from practicing the profession of architecture, giving advice, practicing consultancy on architectural related works or providing architectural services. The Act seeks only to protect the use of the title and style of an 'Architect' by persons and firms of Architects and create a register for registration of those who wish to use the title and style of 'Architect'. There are several court judgments which have upheld the competence of engineers at par with architects for architectural work based upon an interpretation of the Architects Act and other facts. Recently, the Hon'ble Delhi High Court has held that the Architects Act does not prohibit people other than architects to practice profession of architecture and the language of Section 37(1) of the Architects Act 1972 is clear.

Despite a clear interpretation of the Architects Act, 1972 by several courts including the Delhi High Court, the Council of Architecture (COA) issued a public notice on May 20, 2013 stating therein that as per Section 37(1) of the Act, no person (individual company, LLP, etc.) other than an Architect or a Firm of Architects (having only Architect partners) shall use the title and style of 'Architect' for practicing the profession of an 'Architect'. Referring to the Act, the notice also prohibits individuals and organisations to take up architectural services unless they are registered with the COA. The notice also urges the organisations, which are using the title and style of "Architect" in their names, to alter their memoranda of association and remove the intent to practice architecture or wind up such entities, failing which the COA may initiate legal action.

Apparently, as stated above, the COA's notice asserts an erroneous interpretation of the Architects Act, 1972 which was enacted merely to provide for registration of architects and for matters connected therewith by those who wished to use the title and style of 'Architect'. This critical distinction had been specifically debated and provided for by the Parliament and has been upheld time and again by our courts. As compared to engineers, there are very less number of architects in India; and one notice issued erroneously cannot jeopardize the prospects of so many professionals. Further, the structural engineers are responsible for the safety of the buildings as per the National Building Code. The architects cannot supervise engineering work.

**Engineers could have take up this issue more emphatically if engineers had an Act on the statute and a statutory body in position. It would have given engineers a legal status. Engineers are not made responsible and accountable to the public because they are not regulated.** It is a total apathy on the part of the government. The architects have an Act and statutory body - COA- in position. In spite of engineers' very consistent efforts for around last 30 years for Engineers Act, they are still waiting for the Act. Many countries including in our immediate neighbourhood have Engineers Act on their statutes. The public notice of COA has created doubts and this has far reaching implications on the profession of consulting and professional engineers. The COA needs to look at the true intent of the Act and work with engineers in close coordination. It should withdraw the notice which is erroneous and illegal based on wrong interpretations of the Architects' Act 1972.

  
(P.N. Shali)

*Greetings:*

**ECI wishes all a happy and prosperous  
New Year 2014.**

## Eminent Indian Engineer : Shri N.R. Narayana Murthy

Shri Narayana Murthy- an inspiring and outstanding person- has raised the stature of India to heights of excellence in the field of information technology (IT) world over while pursuing his mission to excel. Thus he has shown what the Indian Engineers can do if they have the will and determination to do. He is the Executive Chairman of Infosys Limited, a global software consulting company which he founded in 1981, served as the CEO during 1981 – 2002, as the Chairman and Chief Mentor during 1981 – 2011, and as the Chairman Emeritus during August 2011 – May 2013. Under his leadership, Infosys was listed on NASDAQ in 1999. Mr. Murthy articulated, designed, and implemented the Global Delivery Model, which has become the foundation for the huge success in IT services outsourcing from India. He has led key corporate governance initiatives in India. He has appeared in the rankings of businessmen and innovators published by Business Week, Time, CNN, Fortune, Forbes, Financial Times, India Today, Economic Times, and the Business Standard.



### Distinguished Corporate Positions Held

He is an IT advisor to several Asian countries. He serves on the boards of Ford Foundation, Rhodes Trust, and the UN Foundation. He has served as a member of the HSBC board and the Unilever board. He has served on the boards of Cornell University, Wharton School, and the Graduate School of Business at Stanford University. He has also served as the Chairman of the Indian Institute of Management, Ahmedabad.

### World Recognition

Shri Murthy was listed among the '12 greatest entrepreneurs of our time' in 2012 by the Fortune magazine. The Economist ranked him among the 10 most-admired global business leaders in 2005.

### Awards and Honours

He has been awarded the Legion d'honneur by the Government of France, the CBE by the British government and the Padma Vibhushan by the Government of India. He is the recipient of the 2012 Hoover Medal. The Tech Museum, San Jose, awarded him the James C. Morgan Global Humanitarian Award in 2012. He received the 2007 Ernst Weber Medal from the Institute of Electrical and Electronics Engineers, USA (IEEE). He is the first Indian winner of Ernst and Young's World Entrepreneur of the Year award. He has also received the Max Schmidheiny Liberty prize.

### Academic Recognition

He is a foreign member of the US National Academy of Engineering, Fellow of the Indian National Academy of Engineering. He has received more than 25 honorary doctorates from universities in India and abroad.

He is a Trustee of the Infosys Science Foundation which governs the Infosys Prize, an annual award, to honor outstanding achievements of researchers and scientists across six categories. Shri Murthy was born on August 20, 1946 at Siddlaghatta, Karnataka State. He earned a B.E. Electrical in 1967 from the University of Mysore, India, and an M.Tech in 1969 from the Indian Institute of Technology, Kanpur.

## News Kiosk

A report titled Food Processing Industry in India: **Unleashing the Potential of the Non-Alcoholic Beverage Sector** was released by Shri Sharad Pawar, Minister of Agriculture at a function held on December 19, 2013 at New Delhi. This study, sponsored by the Indian Beverage Association (IBA), is based on an extensive primary survey of different stakeholders. It investigates the non-alcoholic beverage sector as an example to develop India's manufacturing and export capabilities. Even at a time when the Indian manufacturing sector is not doing well, the non-alcoholic beverage sector has been registering a consistent double digit growth. India is one of the large producers of fruits, vegetables and milk in the world. A

number of domestic and foreign multinationals have invested in this sector. It has significant employment potential and covers the entire value chain in manufacturing - from farmers to consumers. The vision for achieving 25% share in the GDP from manufacturing must encompass the food processing sector. The basis for this report is the research carried out by ICRIER which also makes policy recommendations on how to enhance the global competitiveness of the Indian manufacturing sector, generate employment, enhance FDI inflows and technology transfer, develop an agriculture value chain and global production networks, and the impact of allowing 51% FDI in multi-brand retail.

## Letters to the Editor

Dear Sir

Your views published in the Sept. 2013 issue of the Indian Engineer on regulating engineering profession are apt and timely. There is a need to regulate engineering profession in India. I shall be obliged, if you could send me your earlier writings on this subject.

Yours,  
**R H Sawkar**  
Secretary, Geological Society of India, Bangalore

Dear Mr Shali

Thank you for the September issue of The Indian Engineer. The Issue indeed is very informative and innovative.

Yours Sincerely,  
**Dr G. N. Mohanty**  
Nominee Director  
of SAIL, IDBI, ICICI

## News from the Member Associations

### Automobile Society India (ASI)

The Indian automobile biennial trade fair, 12th Auto Expo was held during December 19-23, 2013 at Pune. It expo provided an overview of the automotive industry by showcasing the latest in the field. The event was supported by the government, semi government and non-governmental organizations in the Indian automotive sector; and it attracted large visitors from all over India, particularly western and southern India.

### Broad Cast Engineering Society (BES)

BES is organizing BES EXPO 2014: 20th International Conference and Exhibition on Terrestrial and Satellite Broadcasting, during 14-16 January, 2014 at Pragathi Maidan, New Delhi, For details visit: [www.besindia.com](http://www.besindia.com) or send a mail to : [bes@besindia.com](mailto:bes@besindia.com).

### Computer Society of India (CSI)

CSI supported the international oriental COCODA- 2013 conference which was organised by the KIIT jointly with the Defence Research and Development Organization (DRDO) on November 25-27, 2013 at Gurgaon. It was very well attended both by the industry and academia.

### Consulting Engineers Association of India (CEAI)

CEAI in conjunction with Arcturus India, successfully organized a training workshop on "Communication" on November 29, 2013 at New Delhi. Shri Manjit Gogoi of Arcturus India was the faculty for the training workshop. SEWC (Structural Engineers World Congress-India) successfully organized an international colloquium on the subject "Architecture-Structure-Interaction for Sustainable Built Environment" in association with Consulting Engineers Association of India (CEAI) and Indian Association of Structural Engineers (IAStructE) and with the support of Ministry of Urban Development, Government of India during November 17-20, 2013 at New Delhi. CEAI is organizing a one-day national workshop on "Environmental Clearances - Issues, Constraints, Compliances and Solutions" on February 7, 2014 at New Delhi. For details send a mail to [ceai.ceai@gmail.com](mailto:ceai.ceai@gmail.com) or visit : [www.ceaindia.org](http://www.ceaindia.org).

### Construction Industry Development Council (CIDC)

CIDC in association with the Global Compact Network India organised an international conference on "Harnessing CSR for Skill Development & Employment of youth", which was supported by the Planning Commission, Ministry of Statistics and Programme Implementation, Department of Public Enterprises, and several other organizations, on November 20-21 2013, at New Delhi. Dr K.S. Rao, Hon'ble Minister, Ministry of Textiles, inaugurated the conference. The Conference emphasized on Mission 'Skilling India' and other initiatives launched by the government and the private sector, indicating the need for innovative methods and funding mechanisms for nurturing talent and hone skills to



provide all inclusive and broad-based vocational training to the youth. More than 300 delegates attended the conference both from the

industry and academia and students. The Grand Jury examination of the engineers and supervisors of Simplex Infrastructures Limited pursuing 'quality assurance and quality control programme' was also conducted on November 20, 2013. From a group of 78 registrants, 34 candidates of Simplex Infrastructures Limited qualified for the Grand Jury examination, out of these 30 students appeared for the Grand Jury. Grand Jury found that candidates had fair and comprehensive understanding of the subjects taught under CIDC's quality assurance and quality control programme.

### Indian Association of Structural Engineers (IAStructE)

Shri Ashwani K. Dhalwala delivered a technical lecture on Performance-based Seismic Issues In NCR" on November 28, 2013 at New Delhi. Dr Rajashekhar Malur, Sr. General Manager, Tata Consulting Engineers Ltd delivered a technical lecture on 4000MW Mundra Ultra Mega Power Project - A Brief Overview on December 26, 2013 at New Delhi. These lectures were well attended.

### Indian Institute of Chemical Engineers (IChEs)

The Mumbai Regional Centre of Indian Institute of Chemical Engineers in collaboration with the Institute of Chemical Technology, Mumbai organised Indian Chemical Engineering Congress-CHEMCON-2013 on the theme: Innovative Approaches for Food Security and Health Care for Better Tomorrow, the 66th Annual Session of the Indian Institute of Chemical Engineers and Joint Indo-North American Symposium on December 27-30, 2013 at Mumbai. The congress was a grand success with a large participation of delegates from the industry, academia and students.

### Indian Building Congress (IBC)

Nominations for the IBC Awards for Excellence in Built Environment 2012-13 have been invited to be presented during IBC's Annual Convention to be held in January, 2014. For details visit [www.ibc.org.in](http://www.ibc.org.in), or send a mail to [info@ibc.org.in](mailto:info@ibc.org.in)

### Indian Geotechnical Society (IGS)

IGS jointly with IIT Bombay organized a two-day conference on 'Deep Foundation Technologies' for infrastructure

development in India on November 15-16, 2013 at Mumbai. It focused on presentation of keynote lectures and case histories highlighting excellent execution of driven and drilled piles, deep excavation support and ground improvement. A two-day workshop was also held before the conference on ground improvement during November 13-14, 2013 at the same venue. Indian geotechnical conference-IGC-2013 was organized by the Roorkee Chapter of IGS in association with IIT Roorkee and CSIR - Central Building Research Institute (CSIR-CBRI) Roorkee on the theme: Geotechnical Advances and Novel Geomechanical Applications (GANGA) during December 22-24, 2013 at IIT Roorkee. It provided an excellent platform for interaction among experts from the construction industry, design and consultancy organizations. The keynote lectures were also delivered by eight experts from abroad, particularly four from Japan, two from Australia, and one each from Germany and Singapore. The IGS annual lecture was delivered by Dr. Mahavir Bidasaria on the subject Geotechnical Problems in Dams - Case Studies. IGS awards were presented during the inaugural function. A special session on the Disaster of Uttarakhand - Facts and Lessons was also held.

#### Indian Institution of Industrial Engineering (IIIE)



IIIE in association with Shri Ramdeobaba College of Engineering & Management (RCOEM) organized

55th National Convention and International Conference on Managing Supply Chain for Global Competitiveness on October 25-26, 2013 at Nagpur. Cdr. BM Bhandarkar, National Chairman, IIIE, while congratulating the IIIE, Nagpur Chapter and RCOEM for setting a high bench mark of excellence in organizing the event, stated that the world economy forum has identified 12 important dimensions of a developed economy and supply chain management stood out as one of the key areas of all these dimensions. The sub themes of the conference included supply chain management, operations management and industrial engineering. The event attracted a large participation from both the industry and academia. Students also participated and took keen interest in the event.

#### Indian Institution of Plant Engineers (IIPE)

A two-day workshop on selection, installation and maintenance of LV&HVSurge Protection Systems was organized by the IIIE, Bangalore Chapter in association with the Poet Consultants Pvt Ltd on October 21-22, 2013 at Bangalore. It was well attended by both the industry and academia. Advanced Maintenance Management (AMMP) Division has revived their postponed programme Sustainment

of Plant Assets Synergizing Technology and Innovation and it will now be held on March 7-8, 2014 at the India Habitat Centre, New Delhi. For details send a mail to amod1942@gmail.com.

#### Indian Concrete Institute (ICI)

Innovative World of Concrete (IWC-2013) on the theme: Innovations in Concrete for Meeting Infrastructure Challenge was held



during October 23-26, 2013 at Hyderabad. Shri Jaipal Reddy, Union Minister of Science & Technology and Earth Sciences, was the Chief Guest for the valedictory function. The sub themes of the event included planning and design of infrastructure projects, financing of infra projects, bridge engineering, concrete technology, metro rail, power projects, innovative materials and applications, and recent trends in construction techniques. More than 750 delegates from various disciplines participated. Around 60 speakers from India and abroad presented their papers. M/s. Hanley Wood, USA, through their Indian partner M/s. Inter Ads Exhibitions organized the world renowned exhibition with the theme World of Concrete. Dr. Pronab Sen, Chairman, National Statistical Commission, delivered the keynote address in the inaugural function of the conference held on October 23, 2013. In his presidential address, Shri Jose Kurian, the then President of ICI, spoke on the subject Developments in Concrete Industry: Indian Scenario. Mr. N.V.S. Reddy, Managing Director, Hyderabad Metro Rail Ltd. also addressed the conference. An MOU was signed by the Indian Concrete Institute (ICI) with the American Concrete Institute (ACI) on December 18, 2013 at New Delhi. This will go a long way in building working relationship between the two esteemed institutions for mutual benefit. Dr. Uddesh Kohli, Chairman and P.N. Shali, Director, ECI also attended the function.

#### Institute of Urban Transport (India) IUT(I)

IUT(I), on behalf of Ministry of Urban Development, is undertaking a study on Improve and Upgrade Intermediate Para Transit (IPT) vehicles and services. IPT User survey has been launched in this regard. To file the survey, visit <https://docs.google.com>.

#### Indian Society for Technical Education (ISTE)

ISTE organised XXXXIIIth Annual Convention on the theme: Empowering Technical Education to Address Sustainability and Global Competitiveness on December 19-21, 2013 at Tatyasabeb Kore Institute of Engineering and Technology, Kolhapur. It organised 16th Annual Students Convention on the theme: Social Responsibility of Technical Students in Environmental Sustainability on October 27-28, 2013 at Periyar Manniammai University, Thanjavur, Vallam (Tamil Nadu). Both these programmes were a grand success.

### Indian Society for Non Destructive Testing (ISNT)

Under the auspices of the American Society for Non-destructive Testing, USA (ASNT), the National Certification Board-ISNT. NDT is taking ASNT NDT Level III Examination of 2014 in various methods on January 27-29 at Pune. ISNT is the national sponsoring organization for this. After this examination certificates will be issued to the successful participants by the ASNT, which will help NDT personnel and the organizations that employ them in promoting global acceptance of their products and services. All correspondences on the subject and request for application forms may be addressed to: [isntheadoffice@gmail.com](mailto:isntheadoffice@gmail.com), [ncbisnt@gmail.com](mailto:ncbisnt@gmail.com)

### Mining Engineers Association of India (MEAI)

MEAI in collaboration with the Southern African Institute of Mining and Metallurgy organized 9th international Heavy Minerals Conference - 2013- 'Overcoming New Challenges' during November 27-29, 2013 at Visakhapatnam, AP. The heavy mineral industry, globally and particularly in India, is confronted with new challenges of exploration at depths, separating complicated assemblage, mining high slime deposits and reducing environmental footprint. The conference was very well attended.

### The Indian Institute of Metals (IIM)

The Varanasi Chapter of IIM and the Department of Metallurgical Engineering, IIT (BHU) jointly organized the 51st National Metallurgists Day (NMD) under the aegis of Ministry of Steel and the 67th Annual



Technical Meeting (ATM) of IIM during November 12-15, 2013 at BHU, Varanasi. It attracted 920 delegates. Over two days, the technically rich 465 quality papers were presented which included 19 plenary lectures, 71 invited presentations, 228 oral talks, apart from 157 poster session presentations. Professor Rajiv Sangal, Director, IIT (BHU), Varanasi while inaugurating the ATM, emphasized the need and importance of metallurgy and materials education in the country. IIM Chennai Chapter together with ASM International Chennai Chapter organized a two-day workshop on Quantitative Microscopy during December 12-13, 2013 at IIT Madras. Prof. Arun Gokhale, from Georgia Tech, USA and an expert in this field conducted the workshop.

### The Institute of Marine Engineers (India) (IME)

IME, Mumbai branch and the Institution of Naval Architects are hosting jointly their second international technology conference and exhibition titled INMARCO-IN Aviation 2014 on the theme innovations for marine sustainability. The event is being organized for achieving their common goal, synergise efforts and optimize its benefits to maritime fraternity. A

technical seminar followed by networking dinner was hosted by Man Diesel & Turbo through the aegis of IME, New Delhi chapter on October 30, 2013 at New Delhi.

### The Institution of Electronics and Telecommunication Engineers

International conference on computer, electrical and electronics engineering- IETE Cynosure-2013- was organized by Dr. Babasaheb Ambedkar Technological University, Lonere, Mangaon, Raigad (M.S.) during December 26- 27, 2013. The conference was well attended by the industry, academia and students. A two-day national level technical symposium will be organised by the IETE Student's Forum, VIT University, Vellore in collaboration with the School of Electronics Engineering, VIT University during January 18-19, 2014. For details visit [www.ietesynergy.com](http://www.ietesynergy.com)

### The Institution of Engineering & Technology (India)

IE&T(I) organised the 1st National Seminar on the theme : Role of Engineers in Sustainable Development on December 29, 2013 at Kolkata. It was highlighted that engineers can play a significant role in ensuring sustainable development. The developing countries face engineering problems that are in many cases different from those of developed countries. A very rapid growth of mega-cities in developing countries requires technologies for transportation and utilities with unprecedented capacity and flexibility. These issues and some others came up for discussion. The conference was very well attended.

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last date for filing nominations for these awards is 31st January 2014. For details send a mail to [ceai.ceai@gmail.com](mailto:ceai.ceai@gmail.com).

### Indian Institute of Chemical Engineers IChEs)

IChEs invites nominations for IChE Awards/Prizes for 2013, which are given in recognition of meritorious work in the field of chemical engineering in India. For details visit : [www.iiche.org.in](http://www.iiche.org.in), or, send a mail to: [iichehq@vsnl.com](mailto:iichehq@vsnl.com).

### Indian Geotechnical Society (IGS), IGC-2014

IGS is organizing Indian geotechnical conference and exhibition on the theme: Geotechnics for Inclusive Development of India (GEOINDA) during December 18-20, 2014 at Jawaharlal Nehru Technological University, Kakinada, AP.F. For details send a mail to [kramujntu@gmail.com](mailto:kramujntu@gmail.com), [baburd1108@hotmail.com](mailto:baburd1108@hotmail.com), [igc2014kakinada@gmail.com](mailto:igc2014kakinada@gmail.com), or, visit website: [www.igc2014kakinada.org](http://www.igc2014kakinada.org).

### Flash

Indian Society of Non-Destructive Testing has become a permanent member of ECI.

## Awards

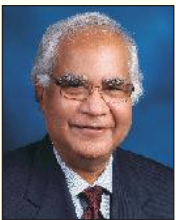


The prestigious honorary memberships of the Indian Institute of Metals were conferred on Shri H. M. Nerurkar, MD Tata Steel, Shri

J.C. Marwah, former Secretary General, IIM, Shri S.C. Suri, Chairman IIM, Delhi Chapter and former Executive Director, SAIL, Professor K. Hono and Professor P.M. Ajayan.

**Dr. Baldev Raj**, President Indian National Academy of Engineers, Past President, the IIM, former Director, IGCAR received Life Time Achievement Award 2013 from the National Association of Corrosion Engineers, India Gate Way Section, New Delhi and Professor Brahm Prakash Memorial Medal 2013 from the Indian National Science Academy. Dr. M.C. Nataraja has received Outstanding Concrete Technologist Award, Dr. A. K. Chatterjee, Shri Cyrus M Dordi, Shri T. Viswanathan and Dr. N. Subramanian have received the Life Time Achievement Award from the Indian Concrete Institute. Innovative Application of Special Concretes Award and the best student award were also conferred on Shri Arpan Ghosh and Dr-ing Saptarshi Sasmal respectively by the institute.

## Appointments



**Dr. Baldev Raj** has been elected, President, International Council of Academies of Engineering and Technological Sciences, Chairman, Standing Energy committee of International Council of Academies of Engineering and Technological Sciences.

**Shri C.V. Suba Rao** has been elected President of the Institute of Marine Engineers (India) for the term October, 2013 to September, 2015. He graduated from Marine Engineering College, Kolkata in 1981 and spent ten

years on merchant ships rising to the position of chief engineer. After a brief stint with American Bureau of Shipping, Mumbai, he rejoined Essar Sisco in 1991. He joined Sanmar Shipping Limited, Chennai in 1994, where he is currently its Executive Director. He is also a Director on the Board of Indian National Ship-owners' Association and a Member of the CII National committee for Shipping.



*Our congratulations*

## 11th National Conference on the theme: international Competitiveness of Indian Engineering Services



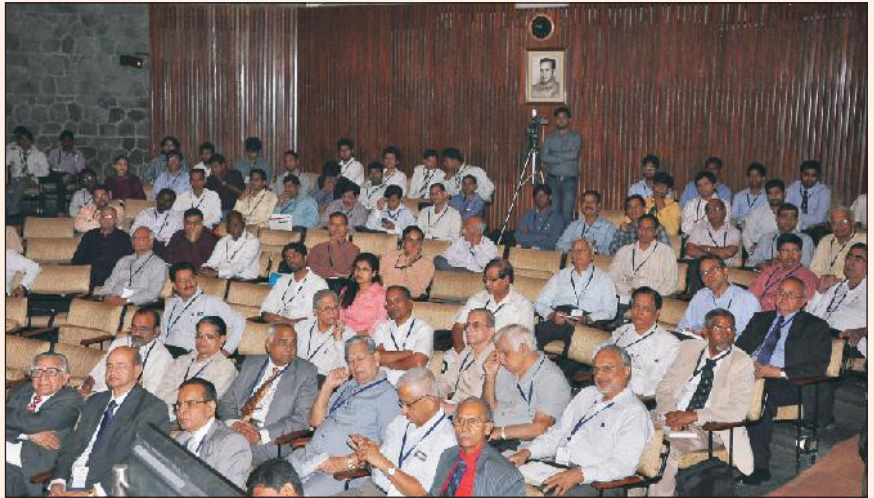
Continuing with our objective to promote world class engineering profession in India, ECI organised 11th national conference on October 28, 2013 at New Delhi. The main object

of the conference was to identify the elements and parameters which will make Indian engineering services globally competitive. For this purpose, it was felt necessary to share the experience of the companies/engineers in getting and successfully executing contracts for providing engineering services and identifying main issues. It was also a learning experience to discuss what problems were faced by them and how they tackled these problems in different countries, apart from India. Dr. E.M. Sudarsana Natchiappan, Minister of State, Commerce and Industry was the Chief Guest. He stressed on building a complete engineering profession for taking part in trade in engineering services, opening up of which was round the corner. He stated that India would also have to bring in regulation to engineering profession and for this

Engineers Act must be brought on the statute as early as possible. Dr. Sudhir Krishna, Secretary, MoUD & President, IUD was the guest of honour. Shri K.K. Kapila, CMD, ICT Ltd,

delivered a though provoking theme address. Shri S. Ratnavel, CEO, Sceba Consultancy Services and member BOG, ECI proposed a vote of thanks.

The 1st session was devoted to political, geographical and cultural Issues, barriers of entry-licensing and regulatory aspects. Dr (Ms.) Vinita Kumar, Senior Adviser, Planning Commission chaired this session. The second session covered professional-knowledge & skills, and sector-specific issues. Shri A.P. Mull, Director, Tata Consulting Engineers Ltd and President, CEA(I) chaired this session. Capt. G. S. Inda (IN), Hony. Secy, the Institution of



Surveyors Co Chaired this session. The concluding session was panel discussion and it was devoted to licensing and regulatory aspects, quality, safety & environment; HR-workforce recruitment and training and the role of engineering associations in promoting engineering services. Shri Mahendra Raj, CMD Mahendra Raj Consultancy (P) Ltd and Vice Chairman, ECI Chaired this session. Among the keynote speakers and panelists included Shri Vimal Wakhlu, CMD, Telecommunications Consultants India Ltd, Dr. Ram Upendra Das, Professor and Senior Fellow, Research and Information System, for Developing Countries, Shri Amit Sharma, Executive Director, TCS, Prof. Prabat Ranjan, Executive Director, Technology Information, Forecasting and Assessment Council (TIFAC), Major General N.K. Dhir, Director, Alphabet Teletec (P) Ltd., Dr Malti Goel, Former

Advisor and Senior Consultant, Ministry of Science & Technology, Shari Anand Kumar, Director, Petrotech, New Delhi, Shri N.A. Madhava, Principal Consultant, Shri Ankush Krishnan, Former MD, Ircon International Ltd, Shri A.K. Srivastava, Senior Vice President & HOD (Architecture & Buildings) Intercontinental Consultants & Technocrats Pvt Ltd and CEO ICI Engineering Consultants Pvt Ltd and Shri O.P. Gupta, VSM, Senior Advisor, Construction Industry Development Council -all distinguished personalities both from the industry and academia, especially consultancy organizations. About 230 delegates including students attended the conference. The conference was a grand success and it realised the objective for which it was held. Proceedings of the conference will be brought out in due course and circulated to all concerned.



The Prime Minister has declared that in the XIIth Plan around 2 percent of GDP would be spend on R & D as against the current spending on an average of 0.8 % of GDP; around 1% would come from the public funds and around 1% would be provided by the industry- both public and private sector. This represents a paradigm shift in which funding would be done in R&D. This kind of funding would enable us to do things which were not possible in earlier Plans. The government has given a challenge to the industry – both the public and private sector- for bringing science and technology into forefront, and making it into instrument for the national development.

## Think it over

If your parents attain old age, do not repulse them or look at them as a burden, but speak to them a gracious word; be cool, obedient, humble and kind to them. Be considerate to your parents. From today say this aloud, "I want to see my parents happy forever. They have cared for me ever since I was a little child. They have always showered their selfless love on me. They crossed all mountains and valleys without seeing the storm and heat to make me a person presentable in the society today". Just close your eyes & say, "I will serve my old parents in the BEST way. I will say all good and kind words to my dear parents, no matter how they behave." (Contributed by Arvind Kaujalgi via email.)

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