



The Indian Engineer

NEWSLETTER OF THE ENGINEERING COUNCIL OF INDIA

Volume : 10 - Issue : 3

September, 2016

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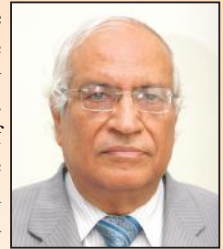
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Message from the Chairman

The Registration of Professional Engineers by ECI jointly with the Member Associations (MAs) has made considerable progress. The Board of Registration of Professional Engineers (BRPE), chaired by Mr. Mahendra Raj, had approved till mid-August over 1334 candidates for registering as Sr. PEs, PEs and APEs. Another set of over 600 applications received till September 30, 2016 will be considered by the Board in the next meeting expected to be held in mid-October. In addition, about 726 applications for Diploma Student Engineer, Student Engineer, Jr App Engineer and App Engineer were approved by the National Committees. Several Member Associations namely, CIDC and ACCE(I), IETE, CSI, CEAI, IICHe, ISTE, ISAE have either constituted National Committees or in the process of forming them. Other MAs are expected to form such Committees soon. The last date for discounted fee structure, 30th September, 2016 is over and now full fee will be payable. I again request that MAs should take the initiative and make efforts so as to get large no. of engineers registered. ECI will provide all help to MAs in this regard. The MAs could invite ECI representatives to their internal meetings to explain the registration process, benefits etc. I look forward to continued support from our Member Associations in achieving the target of 7,500-10,000 registrations of PEs etc. during 2016-17.



ECI has been writing to several government, public sector and other agencies to give recognition and preference to PEs. Dialogue has also been established with some institutions in other countries for mutual help and recognition. MAs can also help in creating wider awareness about the PEs and try for including a clause in contracts so that some percentage of engineers to be employed by contractors is of PEs.

The next Annual Conference of ECI is to be held at India International Centre, New Delhi on November 28. The theme is 'India's Vision 2030-What Engineers & Technologists can do?' This is in line with the government thinking of formulating a Strategic Plan for next 15 years by Niti Aayog, in place of earlier Five Year Plans. MAs are requested to suggest speakers and contribute papers.


(Uddesh Kohli)

Bangkok Accord

Engineering Council of India, the Apex Federation of 32 Indian Professional Engineering Institutions/Associations representing all engineering streams in India, was created in 2002 to oversee the development of engineering profession in India. In continuation of its mandate, it has now entered



Signing of the Bangkok Accord

into an agreement on 22nd September, 2016 at Bangkok, called Bangkok Accord, with the representatives from Bangladesh, China, Sri Lanka, Malaysia, Singapore and Hong Kong Special Administrative Region, to create and develop an Asian Register of Professional Engineers to facilitate Cross Country Operations. The Indian side was ably represented by Dr Niranjn Swarup, Er S. Ratnavel and Er M.V. Dehadri. A procedure on similar lines that of ECI in India shall be created so that the engineers are empowered to become capable and competent to work in an any Asian country of their choice.

From the Editor's Desk



Two friends complete their graduation in the same discipline together from an engineering college. One stays back in India and the other goes and settles in USA. Both of them take up employment in their respective countries, further both do not go for further higher education. After a gap of say 15 years they meet. It is quite apparent that there is a marked disparity in their competence levels. The one from USA is more knowledgeable and with a higher skill set than the one who stayed back in India.

How and Why?

The one in USA had continuously and throughout this period been upgrading his knowledge and skills. While the one in India did not. This unfortunately in India is not an exception but a general rule in the engineering profession. This continuous upgradation of skills is one of the main factor in the rise of USA as an Industrialized nation.

If India desires to become an Industrialized Nation, then the already placed ones also need to undergo the same process of periodic upgradation of skills. In addition, the engineer should also conform to a code of ethics. This is the only way the Indian Engineering Fraternity can aspire to reach the desired level of stature. The most capable and right body, to promote and modulate these activities for a particular stream of engineering, is that discipline's respective Professional Association, such as for Software and IT - CSI, Material Science and Metallurgy - IIM etc. To really make it felt and be effective across the length and breadth of the country, the activities need to be initiated and sustained at all levels, by all streams of Engineering in a uniform manner.

On the other hand, the employers have also to pitch in and support this initiative. It is to the advantage of the Indian Manufacturing Industry to encourage their engineers to continuously upgrade their skills and also preferentially employ such engineers who are part of this process.

Engineering Council of India (ECI)'s registration process incorporates and sums up all the requisite steps enumerated above. Details can be had from ECI's website www.ecindia.org.

(B.R. Jain)

Registration of Professional Engineers

- 1) **Introduction :** Registration of Professional Engineers, Associate Professional Engineers, Student Engineers, and some other categories on a voluntary basis is going on since 1st December, 2015. Member Associations (MAs) have a major role to play as they call for applications, screen them through their set up National Committees (NCs) for respective fields/disciplines of engineering. These NC give their recommendations to the Board of Registration of Professional Engineers (BRPE) set up by ECI.
- 2) **Benefits of Registering :** The Registration, enhances the credibility and image of the Engineer. His/her acceptance by industry, institutions, clients and other organisations goes up when he/she mentions the fact of this registration as PE (or APE or SE) which distinguishes him/her from those who are not registered. We are informing the various government departments, public sector organisations, local authorities, industry associations regarding the National Register. Specifically, it will result in:
 - (i) Better credibility and possibility to make use of the branding of ECI and concerned Member Associations, as the names are being listed on the website
 - (ii) Using the Certificate of Registration as PE in the National Register as a part of CV, and
 - (iii) Better prospects for assignments/jobs after this is publicised to client/employer organisations.
- 3) **National Registers :** There are separate National Registers for (i) Professional Engineer (P.E), (ii) Associate Professional Engineer (APE), (iii) Apprentice/ Graduate Engineers (ApE), (iv) Junior Apprentice Engineer (JrApE), (v) Student Engineer (SE) and (vi) Diploma/B.Voc Student Engineer (DiSE). There are separate National Registers under each category for different engineering fields/disciplines: Construction, Consulting, IT, Computers/Telecom/Civil/Electrical/Mechanical/Chemical/Mining/Metallurgy/Industrial/Aeronautical Engineering, etc. The details and Criteria for registration under each category, Disciplines and Code of Ethics which the applicant has to sign, are given on the web site www.ecindia.org.
- 4) **Categories and Fee :** Initial registration fee is Rs. 3000 for PE, Rs. 2000 for APE, Rs 1000 for SE and DipSE. And for other categories, the fee is Rs 2000. In addition, a Service Tax of 15% is to be added to the fee, and is also payable. The fee structure is subject to change in future. The registration is subject to renewal after 5 years.
- 5) **Continuous Professional Development (CPD):** Each PE/APE is expected to meet minimum CPD requirement before being considered for registration or renewal of registration. Nature of the programmes constituting CPD activities and credit hours to be earned are given on the web site www.ecindia.org. It is the aggregate of credit hours earned in 5-years that will determine as to whether a PE has secured at least 250 credit hours within his/her five years' registration validity period or not, for re-registration. MAs have a major role in organizing the CPD programmes for respective disciplines.

Distinguished Engineer

Dr K. Vijay Raghavan obtained his Bachelor's and Master's Degrees in Chemical Engineering from Indian Institute of Technology, Kanpur. Thereafter got his Doctorate from Tata Institute of Fundamental Research in Molecular Biology in 1983. After four years as a Research Fellow and Senior Research Fellow at the California Institute of Technology, Pasadena, USA, he joined the faculty, as a Reader, at National Centre of Biological Sciences (NCBS), Tata Institute of Fundamental Research, Bangalore in 1988, where he was the Director and then Distinguished Professor.



Dr K. Vijay Raghavan

Since January, 2013, he is the Secretary to the Government of India, Department of Biotechnology. In addition to the above, he was a member of Science Advisory Council to the Prime Minister from 2004 to 2009 and again from 2009 to 2014. He is also a Member of the Science Advisory Council to the Central Cabinet, Government of India, since 2012. He is on the Scientific Advisory Board of the Howard Hughes Medical Institute, Janelia Farm Research Campus, as well as Board of Governors, Okinawa Institute of Science and Technology.

Dr Vijay Raghavan is a Fellow of Indian Academy of Science, Indian National Science Academy, TWAS-The World Academy and The Royal Society of London. He is also an Associate Member of the European Molecular Biology

Organisation, and a Foreign Associate of US National Academy of Sciences.

He was awarded the Padma Shri in 2013 by the Govt. of India, a Doctor of Sciences, Honoris Causa, by University of Edinburgh, UK, in 2011, The Infosys Science Prize in the Life Sciences, in 2009, Distinguished Alumnus Award by the Indian Institute of Technology, Kanpur in 2002 and Shanti Swarup Bhatnagar Award in 1998.

He has further been honoured by being requested to deliver the Bose Memorial Lecture at the Royal Society, London in 2010, the Tata Institute Alumni Association Science Day Public Lecture and the Homi Bhabha Centenary Celebrations Invited Lecture- both at Tata Institute of Fundamental Research in 2010, the Jawaharlal Nehru Lecture at the Indian National Science Academy in 2009, the A. K. Chaudhari Lecture of the Indian Society of Cell Biology in 2008, and the Distinguished Alumnus Award Lecture at the Indian Institute of Technology, Kanpur in 2002. Dr Vijay Raghavan was also awarded the Sir Jagdish Chandra Bose Fellowship of the Govt. of India

He is a Senior Editor eLife, the major new journal from the HHMI, Welcome Trust and the Max-Planck Institute and an Associate Editor of BMC Development Biology. He is also a member of Editorial Advisory Board Development, Editorial Board- Philosophical Transactions of the Royal Society, B, Editorial Board- Open Biology (Royal Society) and Editorial Board for Seminars in Development Biology,

News from the Member Associations

Association of Consulting Civil Engineers (I)

- September 15th, 2016** : Engineer's Day Celebration
- September 16th & 17th, 2016** : Build Expo 2016
- November 9-12th, 2016** : Redecon 2016

Computer Society of India

September 10-11, 2016 : Workshop on Analytics using R <http://csihyderabad.org>, Contact : analyticsusingr@gmail.com

September 16-17, 2016 : The 2016 International Conference on Frontiers of Intelligent Computing: Theory and applications IFICTAI, KIIT University Bhubneswar. www.ficta.in, Contact : fictaconf@gmail.com.

October 04-05, 2016 : National Conference on "Recent Advances in Computer Science & Technology". RACSTo2016. Department of Computer Engineering, C H Patel College of Engineering & Technology, Vallabh Vidyanagar, Gujarat, www.gcet.in, Contact : Dr. Maulika Patel. maulikapatel@gcet.ac.in

October 06-08, 2016 : International Conference on "Computational Systems and Information Technology for

Sustainable Solution [CSITSS-2016]" Organized by CSF & ISE & MCA - R.V. College Of Engineering, Bengaluru -560059. Website : www.rvce.edu.in, Contact : csitss2016@rvce.edu.in, Ph. : 080-67178183/8180;

November 05-06, 2016 : Third International Conference on Computer & Communication Technologies IIC3T - 2016 at Devineni Venkata Ramana & Dr Hima Sekhar MIC College Of Technology, Vijayawada, Andhra Pradesh, India. <http://www.ic3t.mictech.ac.in>. Contact : Dr. S.C. Satapathy, 9000249712. sureshsatapathy@aieee.org. Dr. K. Srujan Raju. 91-9246871862. ksrujanraju@gmail.com. Prof. Vikrant Bhateja. 91-9935483537. bhateja.vikrant@aieee.org

November 11-12, 2016 : International Conference on Advances in Computing and Data Sciences (ICACOS-2016). Proceedings by Springer CCIS/LNCS Organized by Krishna Engineering College IKECI, Ghaziabad. <http://icacds2016.krishnacollege.ac.in/> Contact : Dr. Mayank Singh, icacds2016@krishnacollege.ac.in, Mob: 09540201130.

November 17-19, 2016 : National Conference on Smart and Innovative Technologies in Engineering and Sciences (SITES 2016) Cyan Ganga College of Technology, Jabalpur, MP. www.ggct.co.in, Contact : 2016@ggct.co.in

November 18-20, 2016 : International Symposium on Acoustics for Engineering Applications : Acoustics for Quality Improvement in Life at KIIT. Gurgaon <http://www.nsa2016india.org/> Contact: Prof. (Dr.) S. S. Agrawal. Chairman. OC - NSA2016. Director General KIIT Group of Colleges. Gurgaon Formerly: Emeritus Scientist CEERI/CSIR. Advisor CDAC-Noida. Email: nsa2016india@gmail.com

November 22-25, 2016 : 2nd International Conference on Communication Control and Intelligent Systems. at GLA University. Mathura www.gla.ac.in/ccis2016 Contact: ccisr@gla.ac.in

November 22-25, 2016 : Special session on "Smart and Ubiquitous Computing for Vehicle Navigation Systems" at IEEE TENCON. 2016. Marina gay Sands. Singapore <http://site.tencon2016.focalevents.sg/>

Contact : Dr. P.K. Gupta pkgupta@ieee.org. Prof. Dr. S. K. Singh sks.cse@itbhu.ac.in

December 07-09, 2016 : National Symposium on "Recent Advances in Remote Sensing and GIS with Special Emphasis on Mountain Ecosystems" and their Annual Conventions at Dehradun. www.isrs2016.iirs.gov.in

Contact : Dr S. K. Srivastav, Organising Secretary & Group Head. RSGG. Indian Institute of Remote Sensing. Indian Space Research Organisation. Department Of Space. Government of India, Dehradun (India) - 248001, email isrs2016@iirs.gov.in

December 08-10, 2016 : CSI Annual Convention (CSI-2016): Theme: Digital Connectivity - Social Impact; Organized by CSI Coimbatore Chapter; Pre-Conference Tutorial on 7m Dec. 2016 Venue: Hotel Le Meridien, Coimbatore.

Contact Dr Ranga Rajagopal, Convener, 9462631006 convener@csi-2016.org

December 23-24, 2016 : CeBIT INDIA 2016 - Global Event for Digital Business in association with CSI Venue: BIEC, Bengaluru. Website : www.cebit-india.com, Contact : Mohammed Farooq - farooq@hmf-india.com, +91-9004691833

December 23-24, 2016 : 8th Annual IEEE International Conference on Computational Intelligence and Communication Network CICN-2016. Venue : Gyan Ganga Institute of Technology & Sciences. Jabalpur

Contact : Dr Santosh Vishwakarma : santoshscholar@gmail.com

February 11-12, 2017 : International conference on Data Engineering and Applications-2017 (IDEA-17) at Bhopal [MP]. <http://www.ideaconference.in> Contact : conferenceidea@gmail.com

March 01-03, 2017 : INDIACOM 2017, Organized by Bharati Vidyapeeth's Institute of Computer Applications and Management laVICAMI. New Delhi <http://bvicam.ac.in/>

indiacom. Contact : Prof. M.N. Hoda : conference@bvicam.ac.in, indiacom2017@gmail.com. Tel.: 011-25275055.

May 08-10, 2017 : ICSE 2017 - International Conference on Soft Computing in Engineering, Organized by JECRC. Jaipur, www.icse2017.com, Contact : Prof. K S. Raghuwanshi, hod.it@djecrc.ac.in, Mobile : 9166016670.

Construction Industry Development Council

- a) CIDC invites nominations for the awards in various categories, to recognize and honour valuable contributions and work of the Indian Construction Fraternity that has significantly enriched the Construction domain and has helped bring about positive changes in construction practices. These awards shall be presented on 7th March, 2017. The last date for submitting the nomination is 31st October, 2016. Details can be had from its website www.cidc.in.
- b) Inviting "Expression of Interest" for Construction Companies/Organisations as CIDC On-site Training Partners. Details can be had from its website www.cidc.in.
- c) CIDC is looking for promising, energetic, young professionals with brilliant academic record to join the council as: Trainees, after successful completion of one-year long training, shall be inducted as project professionals in any one of the several project streams perused by CIDC and allied councils/societies across the nation. The vacancies are:- Engineer Trainees-30 posts, Executive Trainees in Finance-5 posts and Executive Trainees in HR-5 posts. Details can be had from its website www.cidc.in.
- d) The 4th Phase registrations in the CIDC National Database are now open. Competent and experienced Consultants, Manufacturers for supplying Materials, Accessories, Consumables, etc., and Contractors for providing Services, or Manpower for construction projects for river, highway bridges, tracks for railways, sports stadia, industrial buildings, residential and commercial complexes, integrated projects for power generation and distribution systems, air conditioning systems, finishing/ interiors works, piling etc at various locations across India and other South Asian nations are encouraged to enlist in the database. The Database is hosted on www.cidcdatabase.com and is accessible to all project owners & stakeholders. Applications for Registration are also invited for Consultants and Suppliers of Services for PPP Projects in Roads and Highways. Details can be had from its website www.cidc.in.
- e) Bachelor in Vocational (B.Voc.) Degree Programs in Construction related fields, Jointly Offered by Singhania University (SU) & Construction Industry Development Council (CIDC)-Programs is offered in the following Streams: - 1. Building Construction, 2. Roads & Highways Construction, 3. Water Proofing &

- Construction Chemical Application, 4. Operation & Maintenance of Construction Equipment, 5. Trenchless Technology Applications, 6. Construction Project Management & 7. Building Maintenance. Application Forms Accepted up to: 15th October, 2016 (Without Late fee), 24th October, 2016 (With Late fee). Course Commencement: 1st November, 2016. Details can be had from its website www.cidc.in.
- f) B. Tech./Diploma in Civil, Electrical, Mechanical, & Trenchless Engineering, & other Programs for the Batch SU-CIDC 1602, (Based on industry needs & requirements), Jointly offered by Singhanian University and CIDC. Forms Accepted up to 15.10.2016, Acceptance of form with Late fee of Rs. 700/- 24.10.2016, Courses Start 01.11.2016. Details can be had from its website www.cidc.in.
- g) Power Finance Corporation Limited (PFC) has signed an MOU with Construction Industry Development Council (CIDC), New Delhi for "Project for Employment Oriented Training and Skill Development Programme for SC/ST/OBC/Women & EWS of society for 2000 persons under the CSR initiatives. Under this training program 222 No's of candidates are undergoing training at different CIDC training centers at Sidhauri, Dhaurana, Gorakhpur, Ranchi, Daltonganj, Faridabad, and Assam.
- h) Memorandum of Understanding (MOU) has been signed with Sharboday Banga Media Welfare Society, Asansol, (WB) for conducting the Singhanian University Diploma/ B.Tech/ Bachelor of Vocation (B.Voc.) and other Vocational programs in Construction Engineering in association with CIDC.
- i) The 1st Phase of Pidilite Industries Ltd. Training on Construction Chemicals by Dr. Fixit Institute of Structural Protection and Rehabilitation took place on 19th – 21st July 2016 at CIDC Centre, Vishwakarma Pratham (VKP), Faridabad.
- j) Under CIDC – Tamilnadu Skill Development Corporation (TNSDC) training program 3000 No's of candidates to be trained across the State of Tamilnadu. So far we have successfully trained 869 No's of candidates and 138 No's of candidates are undergoing training under this training program. The training of 70 No's of candidates is scheduled to commence from the month of August, 2016.
- c) GC decided- to honour Mr. Mahendra Raj and confer the position of Chairman Emeritus of CEAI. He will be a permanent member of GC. As you know, Mr. Mahendra Raj has contributed immensely towards the engineering profession throughout his professional career and he continues to do that with full zeal and energy.
- d) CEAI successfully conducted a 2 day FIDIC Training Course on "Practical Use and Administration of FIDIC Conditions of Contract" on 23rd & 24th August 2016 at India International Centre, New Delhi.
- e) **National Young Engineers Award 2016** : On the request of some of the prospective participants and in view of inadequate response so far, the last date of submission of your proposal/entry has been finally extended to September 30, 2016. As the evaluation of entries will commence on October 01, 2016, interested young engineers are requested to send their nominations before 30th September to CEAI Secretariat.
- f) Bengal Chamber of Commerce and Industry (BCC&I) in association with Consulting Engineers Association of India is organizing a National level Conference, "BCC&I Infrastructure Summit 2016" on 29th of September, 2016 at Hyatt Regency, Kolkata with the objective of bringing together all relevant stakeholders in this sector for enabling meaningful deliberations and addressing key issues. Details can be had from CEAI's website.

Indian Geotechnical Society

- a) **January 18-20, 2017** : Swiss Alps, International Workshop on "Advances in Laboratory Testing and Modelling of Soils and Shales". For Details : Website: <http://atmss.epfl.ch>, E-mail: alessio.ferrari@epfl.ch
- b) **February 24-25, 2017** : Roorkee, Uttarakhand Conference on "Numerical Modeling in Geomechanics (Ca.NkfiG-2017)". For details: Contact: Dr. V. A. Sawant. E-mail : sawantf@iitr.ac.in.
- c) **July 15-19, 2017** : Sharm El-Sheikh, Egypt, GeoMEast 2017 International Conference on "Sustainable Civil Infrastructures". For Details : Email: info@geomeast2017.org, Website: <http://www.geomeast2017.org>.
- d) **July 22-23, 2017** : Bangalore, Karnataka, International Conference on Soil and Environment. For details, Contact: GMadhat Lathe, E-mail : madhavi@civil.iisc.ernet.in.
- e) **July 25-27 2016** : Shandong, China, 4th Geo China International Conference 2016. For Details <http://geochina2016.geoconf.org>
- f) **August 1-6, 2016** : New Delhi (NCR), India, 6th International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics organized by Indian Society of Earthquake Technology & Department of Earthquake Engineering, Indian Institute
- Consulting Engineers Association of India**
- a) The next Webinar is scheduled to be held on 5th September 2016 at 5:00 pm on "Clean Coal Technology based Power Generation – India's deep-dive Approach" by Mr Ramadurai Raghavan, Delivery Centre Head, Delhi NCR for Tata Consulting Engineers Ltd (TCE).
- b) The general assembly of the International Road Federation (IRF) Geneva – meeting in Amsterdam in the margins of Intertraffic – has unanimously re-elected Er. Kiran K Kapila to serve a third term as chairman.

of Technology. Roorkee. For details: Website: <http://www.6icragee.com>

- g. **August 12-14, 2016** : Roorkee, Uttarakhand; Short Term Course on "Ground Improvement Techniques". For details: Contact: Dr. Satyendra Mittal, E-mail : smittfce@iitr.ernet.in, satyendramittal@gmail.com
- h. **August 14-18, 2016** : Chicago, USA Geo-Chicago 2016 conference on Sustainability, Energy, and the Geoenvironment. For Details : www.geoenvironmentconference.org.
- i. **September 4-7 2016** : Guimaraes, Portugal; 3rd International Conference on Transportation Geotechnics (3rd ICTG). For Details : <http://www.civiLuminho.pt/3rdICTG2016/>
- j. **September 5-9 2016** : Queensland, Australia; 5th International Conference on Geotechnical and Geophysical Site Characterisation. For Details : Website: www.isc5.com.au
- k. **September 15-17, 2016** : Surathkal, Ahngalore; 10th International Symposium on "Lowland Technology (10th ISLT 2016)". For details: Email: shivashankar.surathkal@gmail.com
- l. **September 23-24, 2016** : Mumbai, Maharashtra; International Conference on "Sustainability in Geotechnical Engineering Practices and Related Urban Issues" is jointly organized by the Indian Geotechnical Society (IGS), Indian Geotechnical Society Mumbai Chapter (IGS Mumbai Chapter) in association with International Society for Soil Mechanism and Geotechnical Engine (IS Rona); Address For Correspondence : Prof. Deepankar Choudhury, Organizing Secretary & Professor. Department of Civil Engg., IIT Bombay, Powai, Mumbai 400076, India. E-mail : gsmumbai@gmail.com Phone: +91-22-25767335
Prof. Mahua A. Chakrabard, Joint Organising Secretary, Professor, Department of Stnxnva IFagg. Matunga, Mumbai 400019. India. Email: igsmumbai@gmail.com, Phone: 41-22-24198251
- m. **September 28-29, 2016** : Melbourne, Australia, First International Conference on "Geomechanics, Geo-energy & Geo-Resources 0E3GID16)".
- n. **October 11-13 2016** : Dnipropetrovsk, Ukraine International Conference on "Soil Mechanics, Geotechnics and Foundation Engineering". For Details E-mail : s.glazkova@ndibk.gov.ua Website: www.pgasa.dp.ua.
- o. **November 12-15 2016** : Dallas, Texas, USA; Pan Am-UNSAT 2017: The Second Pan American Conference on "Unsaturated Soils" For Details, E-mail : hoyos@uta.edu
- P **November 24-25 2016** : Hanoi, Vietnam; The 3rd International Conference on "Geotechnics for Sustainable

Infrastructure Development". For Details, Email: phunglong@gmail.com.

Indian Institute of Chemical Engineers

- a) **ACE 16** : IChE in association with Applied Chemistry Alumni Association (ACAA), Calcutta University – Mumbai Chapter and Board of Research in Nuclear Science (BRNS) organised a national seminar on 'Advances in Chemical Engineering' (ACE 2016) on 3 September 2016 in Mumbai. Chief Guest on the occasion was Mr Arbind J. Morbale, ED and Asset Manager, Neelam & Heera Asset, ONGC and Guest of Honour was Dr. Virendra Kumar Gupta, Senior VP, Reliance Industries, Navi Mumbai. The day-long Technical Session, divided into two parts, saw eminent academics, scientists and technocrats giving presentations about the latest happenings in the expanding domain of Chemical Engineering.
- b) **SCHEMCON**: The annual Students' Chemical Engineering Congress of the Institute, popularly known as SCHEMCON, was held on 10 and 11 September 2016. This year's event was organised by the IChE Students Chapter at B V Raju Institute of Technology, Medak district, Telengana under the aegis of IChE Hyderabad Regional Centre. The central theme of this year's SCHEMCON was 'Chemical Engineering Cutting Edges'. The programme comprised Invited lectures, Paper presentations, Poster presentations, Technical events, Project exhibition, etc. An impressive number of students from technical institutes as well as delegates from academia and industry circuits attended the two-day event.
- c) Blast Carbo-FICCI India Chem 2016: During 1 – 3 September 2016, the Mumbai Regional Centre (MRC) of IChE in collaboration with FICCI organised a poster presentation competition for UG and PG students of various Student Chapters of IChE, affiliated to the MRC. Prominent industry personnel attended the event. Students from different colleges made 12 poster presentations on 'Swachh Bharat', 'Make in India' and 'Smart City'. Winners were given away trophy, certificate and cash prize.

Forthcoming Event:

- d) **CHEMCON**: The biggest annual event of the IChE, CHEMCON (Chemical Engineering Congress), 2016 will be held in Chennai as customary during 27 – 30 December 2016. The Chennai Regional Centre of the IChE in collaboration with AC College of Technology, Anna University, Central Leather Research Institute, Chennai and IIT, Madras is in full throttle to successfully host CHEMCON 2016. The theme for the coming CHEMCON will be 'Chemical Engineering towards Sustainable Development'. Like previous years, the organisers are

going the whole hog to ensure four days of high-octane interactions with the best of brains in Chemical Engineering and allied fields, along with memorial lectures, plenary lectures, seminars, symposia, panel discussion, exhibitions, etc. For queries regarding participation, please write to chemcon2016@gmail.com.

Indian Society of Agricultural Engineers

51st Annual Convention of Indian Society of Agricultural Engineers (ISAE) and National Symposium on the theme Agricultural Engineering for Sustainable and Climate Smart Agriculture (February 16-18, 2017) organised by Indian Society of Agricultural Engineers (ISAE), New Delhi & College of Agricultural Engineering and Technology, CCS HAU, Hisar (Silver Jubilee Year of the College- 2017) & Northern Region Farm Machinery Training and Testing Institute Ministry of Agriculture and Farmers' Welfare, Government of India, Hisar. Venue Chaudhary Charan Singh Haryana Agricultural University Hisar, Haryana (India). More details from Prof. A.K. Goel, Dean College of Agricultural Engineering & Technology CCS HAU, Hisar-125 004 Email: isae2017hau@gmail.com Phone: +91-1662 255 206 / 81999 20060.

Indian Society for Trenchless Technology

No Dig India Show 2016 - International Conference & Exhibition on "Government Missions & Trenchless Technology", Venue:-India Habitat Centre, New Delhi, on 8th & 9th December 2016. More details from 908, 9th Floor, Hemkunt Chambers, 89, Nehru Place, New Delhi-110019 (India), Tel. : +91-11-4767 0800, Fax. : +91-11-41617863, Email: indstt@indstt.org, indstt@indstt.com, info@indstt.org, Websites: www.indstt.com, www.indstt.org, www.indstt.in, www.indianodig.com.

The Institution of Electronics and Telecommunication Engineers

- a) Smt Smriti Dagur, President, IETE will be relinquishing her position as President in Sept 2016. Lt Gen (Dr) AKS Chandele, PVSM, AVSM (Retd) shall take over as President IETE for the term 2016-17 following the 59th Annual Technical Convention on 24th -25th Sept 2016 in New Delhi.
- b) Dr A S Kiran Kumar, Chairman, ISRO & Secretary, Dept of Space and Shri Kris Gopalakrishnan, Chairman, Axilor Ventures & Co-Founder, Infosys, have been elected as the Honorary Fellows of the Institution of Electronics and Telecommunication Engineers this year.
- c) Dr Pawan Kapurand Wg Cdr D N Misra (Retd.) have been elected as the Distinguished Fellows of the Institution of Electronics and Telecommunication Engineers this year, in recognition of their contribution and achievements in the field of Electronics and Telecommunication Engineering.

- d) IETE HQ and its various Centres pan India celebrated with great enthusiasm the 48th World Telecommunication and Information Society Day (WTISD-2016) on 17th May 2016 on the theme, "ICT Entrepreneurship for Social Impact". The detailed report of the celebration has been cited in Vol-18 No-2 of IETE Newsletter.
- e) India with over 50 per cent of population comprising youngsters below the age of 30 years is at the cusp of social transformation driven by advances in technology. This phenomenon is manifest in terms of hundreds of Start-up companies established by aspiring college graduates, who are not satisfied with routine job postings that limit their creativity and accomplishments. To leverage this propitious scenario to boost economic growth- The Institution of Electronics and Telecommunication Engineers, held one-day brainstorming session, entitled, 'IETE Innovation Meet' on Saturday, 27th August 2016, where many experts expressed their thoughts for the blueprint of India's progress through "Digital India" and 'Make in India'. The meet witnessed number of speakers from industry, Govt and academia. The event was graced by the Chief Guest Shri Ajay Kumar, Additional Secretary, MeitY, Govt of India.
- f) The IETE Governing Council will soon have new elected members in its fold. This includes: Prof (Dr) M Basavaraj; Shri C K Haridas; Shri Vijay Kumar Gupta; Col Balraj Anand (Retd); Prof M N Hoda; Dr K Satya Prasad, Shri Sharad Singh, Dr Swarna Ravindra Babu, Dr Udhav Bhosle, Shri R S Chauhan, Shri Gopaldas Dawara, Dr G Laxmi Narayana, Shri Gorantala Ramesh, Col T N Shreevastawa, Dr Rakesh Singhai and Prof (Dr) R K Sinha.
- g) The awardees selected in various IETE Awards categories shall be honoured during 59th Annual Technical Convention - 2016.
- h) 59th Annual Technical Convention of IETE on "Make in India – Product Design/IPR in ICTs" will be held at IETE HQ, 2, Institutional Area, Lodi Road, New Delhi during 24th-25th Sep 2016. This Convention aims at providing a platform for researchers, policy makers, and the stakeholders to share exchange of innovative ideas, concepts, knowledge and skills for a successful innovative product design for achieving higher goals of establishing prosperous nation. Intellectual Property Rights (IPRs) which is the key to provide exclusivity and monopoly to IP generated by organizations without which a company cannot ensure competitive advantage in the commercial world, is bound to play a key role in helping to take the drive forward -"Make in India" in order to enhance the innovative capacity of our country.
- i) IETE Foundation Day will be organized on 2nd Nov 2016 at Delton Hall, IETE HQ, New Delhi, which shall be

celebrated all over India by its Centres and IETE Students Forums (ISFs).

Mining Engineers' Association of India

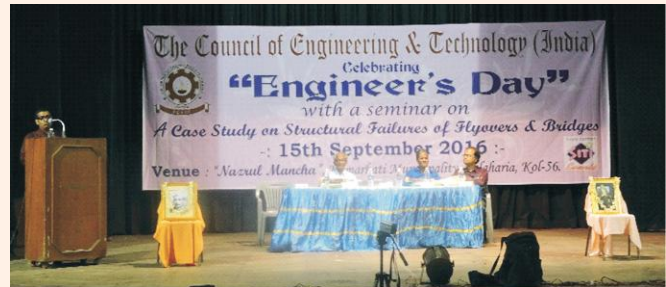
- a) Dr PV Rao was Guest Faculty in a Short Course organized by the Department of Mining Engineering, IIT, Kharagpur. A Two-day Short term course entitled “Strategic Mine Planning and Design” was conducted by the Mining Engineering Department, Indian Institute of Technology on 24-26 August 2016. The Course Directors were Prof. Srikant Annavarapu and Prof Biswajit Samanta.
- b) 3rd NCC meeting was held at New Technology Guest House, Conference Hall, IIT, Kharagpur on 26th August 2016. The arrangements for the CRIRSCO Annual meeting at Jaipur on 7-10 Nov, 2016 were explained. It was also decided that the draft Indian Code (First draft) shall be submitted by the standing committees by 30th September 2016 to the Co-Chairs of NCC for further scrutiny. The scrutinized Draft-1 shall be forwarded to CRIRSCO executive body by 15th October 2016, for its review and feedback.
- c) 3 days training program on Management of Water Resources near Mining and Industrial Areas on 9th to 11th November at The Indian School of Mines, Dhanbad, shall be organized by the Department of Environmental Science and Engineering, Centre of Mining Environment of the Indian School of Mines.

Council of Engineering and Technology (India):-

- a) The Council of Engineering & Technology (India) organized a joint seminar with Indian Society for Technical Education on 20th September, 2016 at North Calcutta Polytechnic Kolkata. It was the annual convention of ISTE West Bengal Section. The theme of the seminar was “Make in India: Challenges & Opportunities”. The speakers spoke about the technical education in India and where is it going. The audience consisted of students and academicians from several technical fields.



- b) The Council of Engineering & Technology (India), CET(I) celebrated Engineer's Day to commemorate the birth anniversary of the 1st Engineer of India who received a Bharat Ratna Sir Mokshagundam Visvesvaraya on 15th September, 2016 at Najrul Mancha, Belgharia, Kolkata. The seminar was on the theme of 'A case study on Structural Failures of Flyovers & Bridges'.



Indian Society of Technical Education

- a) ISTE National/Regional Award – Notification. Nominations are invited for the ISTE National and Regional Awards 2016. Last date for receiving the nomination at ISTE Hqrs. is 31-10-2016.
- b) Vellore Institute of Technology (University), Vellore (Tamil Nadu) has been awarded to host the 19th ISTE Annual Students Convention scheduled to be held during October 15-16, 2016. The President and Executive Council Members of the ISTE expressed their sincere thanks to the Management for the noble gesture on their part to host the 2016 Students Convention at VITU, Vellore. The theme of the Convention is “Evolving Technical Trends in India to Meet Challenges Beyond 2025”.

Indian Institute of Metals

- a) The Indian Institute of Metals (IIM) has announced IIM Non-Ferrous Best Performance Awards, 2016, for the development and growth of the Indian non ferrous metals industry. The awards will be presented during the 53rd National Metallurgists Day Celebrations & 69th Annual Technical Meeting at Pune during 13-16th November 2016. There are three categories of awards: Category I : Large integrated manufacturing plants, Category II : Secondary processing / fabrication plants (other than casting and forging) and Category III : Units engaged in casting & forging operations. Details can be had from IIM's website <http://www.iim-india.net/uploads/result/1463392158.pdf>.
- b) IIM has announced hosting of its 54th National Metallurgist Day and 70th Annual Technical Meeting, 2016 to be held at Indian Institute of Technology, Kanpur from 11th to 14th November, 2016. Details can be had from the website of IIM.

- c) "IIM - JRD Tata Award for "Excellence in Corporate leadership in Metallurgical Industries", instituted by Tata Steel Ltd. in 2007, the Centenary year of Tata Steel and Diamond Jubilee year of the Indian Institute of Metals. One annual award to an Indian citizen shall be made to an outstanding active Corporate Executive in metallurgical industry, in recognition of significant contributions in the fields of leadership and development, having an impact on national and / or International scenario. Details can be had from the website of IIM.
- d) The Ferrous Division of the Indian Institute of Metals is inviting entries for the National Sustainability Award in the Iron and Steel Sector for 2015 - 16 under three categories: 1) Integrated Steel Plants, 2) Secondary Steel Plants /Alloy Steel Plants and 3) Pig Iron /DR Plants /Major Re-rolling Units. This evaluation would be based on the performance and achievements accomplished during April 2015 to March 2016. The awards for the competition will be distributed during the National Metallurgists' Day Celebrations to be held on 14th November 2016 at IIT Kanpur. Details can be had from the website of IIM.

Indian Society for Non-Destructive Testing

- a) 26 National Seminar & International Exhibition on Non-destructive Evaluation 2016, at Thiruvananthapuram on 15th, 16th and 17th December, 2016 at Al Saj Convention Centre, Thiruvananthapuram. Jointly Organised by ISNT Head Office and ISNT Thiruvananthapuram Chapter. Details can be had from www.nde2016.com.

Broadcast Engineering Society (India)

- a) **BES EXPO 2017:** Conference & Exhibition on Terrestrial & Satellite Broadcasting is the twenty-third in the series of events to be organized by Broadcast Engineering Society (India). The event follows BES EXPO 2016 which was appreciated by exhibitors as well as visitors. BES EXPO 2017 will be held from 2 to 4 February in The Leela Ambience Convention Hotel, Near Yamuna Sports Complex, New Delhi-110 032. Details can be had from <http://www.besindia.com/PDF/besexpo2017.pdf>.

Indian Institution of Industrial Engineering

- a) The American Society for Quality (ASQ) 's, Local Member Community (LMC) Institute of Management & Indian Institution of Industrial Engineering Jointly Organizing 6th Annual National Conference on Quality and Improvement Theme "transforming Organization Through Lean" On 27th November, 2016 (Sunday) At Nirma University, Ahmedabad For More Details : Prof. Parth Raval, (M) 094284 08250/ E-mail : parthbvn@gmail.com.
- b) Indian Institution Of Industrial Engineering, Nhq, In Collaboration With Shri Guru Gobind Singhji Institute Of Engineering And Technology, Nanded, Announces International Conference on "Advanced and Agile Manufacturing and Agile Software Development – 2016" (ICAM-ASD2016), Date : October 06-07, 2016, Venue SGGsIE & T, Nanded. For more details contact: Prof. Nandedkar V. M. Professor, Production Engineering Dept., (M) 09422172302/02462-237993. Email: vilas.nandedkar@gmail.com, Website : www.icam-asd2016.org.
- c) 58th National Convention of Indian Institution of Industrial Engineering, an International Conference on and Smart Strategies for Digital World - Industrial Engineering Perspective, from 21-22 October, 2016. In association with Shri Ramdeobaba College of Engineering & Management, at Nagpur. Details from Email : iiieconference@rknc.edu, Website : www.iiienagpur.org.
- d) Technical Sponsorship by IIE:- IEOM Society is organizing Seventh International Conference on Industrial Engineering and Operations Management in Rabat, Morocco, April 11-14, 2017. PI Refer link <http://ieomsociety.org/ieom2017/>.

IABSE

- a) 19th Congress of IABSE, Stockholm 2016, 'Challenges in Design and Construction of an Innovative and Sustainable Built Environment' on September 21 - 23, 2016. Details can be had from http://www.iabse.org/IABSE/Events/Stockholm_2016/IABSE/events/Conferences_files/Stockholm_2016/Stockholm2016.aspx?hkey=9d561ba9-a7d8-4a20-87fc-14f592b1ad89.

ENGINEERING COUNCIL OF INDIA

1304, Hemkunt Chamber, 89, Nehru Place, New Delhi-110019 • Tel. : 26283281, 26283282, 65640356 • Fax : 26283283
E-mail : eci@ecindia.org, director@ecindia.org Website: www.ecindia.org

Published by Shri B.R. Jain, Director, Engineering Council of India for restricted circulation from 1304, Hemkunt Chamber, 89, Nehru Place, Delhi-110019 Printed by : Maansee Printers, E-mail : maanseeprinters@yahoo.co.in