



# The Indian Engineer

NEWSLETTER OF THE ENGINEERING COUNCIL OF INDIA

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## Message from the Chairman

The most important development during this quarter is the signing of the MOU with AICTE on May 24, 2017, under which ECI will act as the authorised body to facilitate and carry out through its member associations, hands on training and/or arrange for internships to technical graduates for their Continuing Professional Development. The details of the MOU appear elsewhere in this Newsletter. On June 2, 2017, AICTE wrote to all approved technical institutions informing them of AICTE decision to introduce mandatory internship for students from the session 2017-18. It is expected to be for 6 months. This is a major decision which has far reaching implications for the engineering profession. ECI is proud to be associated with this national effort which will go a long way in improving the employability of engineering graduates. ECI has been suggesting such an internship for a long time. All these documents are available on the web sites of AICTE and ECI.



The MOU was greatly welcomed at the meeting of the Board of Governors and Annual General Meeting of the members of ECI on June 9, 2017. It was felt that all member associations will need to take several steps to make this national effort a success. The details of BOG/AGM deliberations are also given later in this Newsletter. Considering the very large no. of engineers passing out every year, it is momentous task for which we all need to gear up fully and start preparations immediately.

Of late, it has been observed that the number of registration applications for the various categories of Professional engineers has drastically come down. I request all Member Associations to take this joint initiative forward. They should inform all their members and encourage them to register as well as promote this initiative. Sr PEs/PEs can also play a role in the internship programmes, as mentors. ECI is ready to help and support the MAs in any way needed. The MAs have a very important role to play in the registration process, which includes creating awareness, getting applications, screening and recommending candidates for award of status of PE etc. as well as in organising CPD. As a first step, the formation of National Committees of each MA needs to be expedited. Where these have been formed, the NCs need to start functioning effectively.

(Uddesh Kohli)

## From the Editor's Desk



Training is beneficial for students of all discipline. This is because it plays an instrumental role in improving communication and managerial skills, building confidence and getting jobs. People within many professions and occupations may refer to training as professional development. With industrial relevance we mean that the education prepares students so that they are ready to cope with industry

Industrial training is mandatory to bridge the gap in the academic curriculum and in the industry. This will help the students develop skills and competencies they require to become employable. This has been a practise in most of the Western countries. So when they are fresh out of the college, while joining the company they just have to learn the process followed in the company. It is a chance for the student to put what he has learned at the university, to work in the kind of real-life situations he would be coming up against when he starts his career. Industrial training gives him great experience during his Bachelor of Engineering degree including:

- Turn theory into practice.
- First-hand experience working as an engineering professional.
- Apply learnt technical knowledge and engineering methods to a real-life situation.
- Work with other engineering professionals.
- Experience what it's like to work in a professional organization.
- Increase the technical, interpersonal and communication skills, both oral and written.
- Observe interactions of engineers with other professional groups.
- Witness the functioning and organisation of business and companies.
- Be attractive to Engineering employers.

Many employers use industry work experience as a prerequisite for new graduates. Employers also use this period as a chance to assess new employees for future employment. If a student can demonstrate the ability to take responsibility, make sound decisions and apply technical skills, demonstrate having problem solving skills – he will stand out as someone that might be great for that organisation.

In reverse, the student will also have the opportunity to evaluate the company for himself to see if it's somewhere he might wish to work. At the very least, he can make better decisions about whether or not he will enjoy that field of engineering.

This is what AICTE and ECI Internship program aims to inculcate in the students. It would separate men from the boys. It would empower the trainee to stand apart from technicians and supervisors, and encourage him to aspire for the higher engineering functions.

To maintain this status after graduation, it would be in his interest to register with the National Register of Professional Engineer of ECI and religiously follow the propositions of the Registration Process earnestly and faithfully. This path would assist him to continue to maintain his superiority over the rest.

(B.R. Jain)

## IMPORTANT NOTICE

### 8th Executive Development Programme

The 8th Executive Development Programme on “Project Management for Engineers” of ECI, will be held from July 24, 2017 to July 28, 2017 at India International Centre, New Delhi. For details contact : Mr Deepak Singhal, Engineering Council of India, 1304, Hemkunt Chambers, 89, Nehru Place, New Delhi-110019. Phone : +91-11-26283282, 41783281, Fax : +91-11-26283283, E-mail : eci@ecindia.org, singhaldeci@yahoo.com, yograj@ecindia.org Website : www.ecindia.org

## Distinguished Engineer

### Dr. K Sivan, Director, Vikram Sarabhai Space Centre (VSSC), ISRO

Dr K Sivan graduated from Madras Institute of Technology in Aeronautical engineering in 1980. He took his ME in Aerospace engineering from IISc, Bangalore in 1982. Subsequently, he completed his PhD in Aerospace engineering from IIT, Bombay in 2006.



He joined ISRO in 1982 in PSLV Project and has contributed immensely towards end to end mission planning, mission design, mission integration and analysis for all the launch vehicle programs.

During his career at ISRO, he has held many responsibilities like Group Director, Mission Simulations and Synthesis Group, Project Director, RLV-TD, Deputy Director, AERO and Structures and Chief Controller, VSSC. He was Director, LPSC from July 2014 till May 2015. He is Director, VSSC from June 2015 onwards and Member, Space Commission since August 2016.

He has contributed significantly in establishing a Parallel computing facility and Hypersonic wind tunnel facility. He evolved novel strategies for launching India's MARS mission endeavour through PSLV, ISRO's work horse. He also established a world class mission simulation facility which is being used for all the launch vehicle programs. He devised a novel day of launch wind biasing technique which has made rocket launch possible under any wind conditions.

He joined GSLV Project in April 2011 as Project Director after two consecutive failed launches with a mandate to demonstrate the robustness and reliability of GSLV as well as flight demonstrate the Indigenous Cryo Stage. His leadership led to the historical achievement of most successful GSLV flight with indigenous cryogenic stage.

He has numerous publications in various Journals and is a Fellow of Indian National Academy of Engineering, Aeronautical Society of India and Systems Society of India.

He has authored a book "Integrated Design for Space Transportation System" published by Springer which highlights the end to end integrated design aspects, interactions between various systems and interdependencies of various launch vehicle systems. There is no other book published till date which presents the space transportation system design in an integrated manner.

He has received numerous awards throughout his career which includes Doctor of Science (Honoris Causa) from Dr MGR University, Chennai in March 2017, The Distinguished Alumnus Award 2017 from IIT Bombay in March 2017, Doctor of Science (Honoris Causa) from Sathyabama University, Chennai in April 2014, the Distinguished Alumnus Award 2013 from MIT Alumni Association, Chennai, Dr Biren Roy Space science award for the year 2011, ISRO merit award for the year 2007 and Shri Hari Om Ashram Prerit Dr. Vikram Sarabhai Research award for the year 1999.

## Distinguished Engineer : Dr. G. Sundararajan

Dr.G.Sundararajan, obtained his B.Tech (Metallurgy) from IIT, Madras in 1976 and M.S and Ph.D from Ohio State University, Columbus, Ohio, U.S.A in 1979 and 1981 respectively. He returned to India in September 1982 and joined Defence Metallurgical Research Laboratory (DMRL) as a scientist. He was at DMRL till 1997 and then was appointed as Director of International Advanced Research Centre for Powder Metallurgy and New Materials (ARCI) from September 1997 till December 2015. From January 2016 till date, Dr. Sundararajan has been serving as Professor in the Dept. of Metallurgical & Materials Engineering, Indian Institute of Technology, Chennai



During the course of his research career at DMRL and ARCI, Dr. Sundararajan has made outstanding contributions to the areas of tribological behaviour (erosion, sliding wear, abrasion) of metallic materials, composites and coatings, high temperature deformation and fracture behaviour of super alloys and other materials, laser surface modification (surface alloying cladding, transformation hardening) and laser materials processing (cutting, drilling & welding) of engineering materials and towards the development of novel coating technologies like detonation spray coating, electro spark coating, micro arc oxidation coating, cold spray coating and EB-PVD coating technology. He is also responsible for establishing Center for Laser Processing of Materials (now a part of ARCI), Centre for Engineered Coatings, Centre for Sol-Gel Nanocomposite Coatings, Centre for Solar Energy

Materials at ARCI, Hyderabad and Center for Fuel Cell Technology and Centre for Automotive Energy Materials at ARCI, Chennai. At ARCI, as its Director, Dr. Sundararajan had made notable contributions to the development, demonstration and commercialization of materials-based technologies. Over the last 10 years, over 25 technologies have been transferred to 35 private industries located all over India.

For his outstanding research and technology development contributions over the years, Dr. Sundararajan has received numerous awards. He has been conferred with Padma Shri (civilian award) by the Govt. of India in 2014. He is a recipient of Shri Om Prakash Bhasin Award (2014), Shanti Swarup Bhatnagar prize for Engineering Science (1994), Best Metallurgist award (1995), FICCI award for Materials Science (2004), National Metallurgist Award (2013) etc. He has been selected for MRSI Distinguished Materials Scientist of the Year Award for the year 2016.

Dr. Sundararajan is also a Fellow of the Indian Academy of Sciences (1992), Indian National Science Academy (1996), Indian National Academy of Engineering (1999), National Academy of Science (2002), Indian Institute of Metals (2002), The American Society for Materials (2005) and The American Ceramic Society (2012). Dr. Sundararajan is also a recipient of the J.C Bose Fellowship (2006-Present). He has published more than 250 papers in peer-reviewed international journals, conference proceedings and in books. He has guided the PhD. work of many of his colleagues at DMRL and ARCI and also of students at IIT Madras.

## MOU Signing between ECI and AICTE

According to the HRD Ministry, India has 6,214 engineering and technology institutions which are enrolling 2.9 million students. Around 1.5 million engineers are released into the job market every year. But they simply do not have adequate skills to be employed. The Industry Readiness Index 2013 survey by Purple Leap, a company that provides skill bridging support for students pursuing engineering courses, indicates that only 10 per cent of the engineers passing out of colleges from Tier 2/3 cities in the country are employable. Even with the intervention programmes, the students struggle, primarily due to poor communication and/or analytical/problem-solving skills. Even worse, another report states that 30 per cent of the engineers do not have basic quantitative skills required for day-to-day life and entry-level engineering jobs. The issue has been highlighted in the 12th Plan and also during a Round Table with Planning Commission, Govt. of India.

Recognizing the need of introducing compulsory Apprenticeship/internship in the technical institutions, for increasing employability of Technical Graduates, a MoU was signed between ECI and AICTE on 24th May, 2017, for ECI to act as the authorized body. AICTE further issued a letter to all

affiliated Institutions and conveyed to them that this 6 months Internship is being made mandatory from 2017-18 session itself. The salient features of the MoU and the associated letter to all affiliated Institutions are as follows:

- 1) It is to be on Self-financing mode, where the learner would bear the costs.
- 2) It is to become mandatory from 2017-18 session itself.
- 3) At least 6-month internship shall be a must to obtain the degree.
- 4) The internship formulation as well as its control and coordination shall rest with ECI and its MAs.
- 5) The concessional fee to be charged for such internship, from the students studying at approved Institutions of AICTE, is also specified by AICTE.

It was also informed to the MAs that the successful completion of such internship would entitle the learners to a certificate of completion of the Internship, jointly issued by ECI & MA. The candidate joining such internship program shall have to join the National Register of ECI firstly as a student member followed by the re-registering as an Apprentice engineer.



Signed MOU copies being exchanged between Prof. Anil D Sahasrabudhe, Chairman, All India Council for Technical Education (AICTE) and Dr. P.R. Swarup, Member Secretary, Engineering Council of India (ECI) and Director General, Construction Industry Development Council (CIDC)

## Board of Governors and Annual General Meeting (AGM) of ECI, held on 9th June, 2017

The 44th meeting of the BOG, of ECI, was held on 9th June morning, followed by the 15th AGM, at the Institution of Electronics and Telecommunication Engineers, Lodhi Road, New Delhi. Apart from approval of the Annual Report and



44th BOG Meeting



15th AGM

Accounts for 2017-18 for consideration by the Annual General Meeting (AGM), two major items discussed at the meetings were : MoU with AICTE for Internship training of all engineering college students from 2017-18, onwards, and



Lt. Gen. S. K. Shrivastava, Honorary Chairman of Indian Institution of Bridge Engineers (DSC) and Director General, Border Roads & Colonel Commandant, Border Road Organisation, has been co-opted as a Member of the Board of Governors (BoG) of ECI, by Chairman, ECI.

Registration of PEs by ECI jointly with the Member Associations (MAs).

The MoU, signed by AICTE with ECI, was greatly welcomed by the members present. It was felt that this would greatly help in making the budding engineers employable by the industry. The process of mobilizing the engineering colleges and the industries, ECI and the MAs being the medium, has already started.

The example of the internship training already being imparted by CIDC was given at the meeting. Following steps were suggested for initiating this Internship process:

- 1) MAs to encourage and explore industry linkages.
- 2) List out the industry leaders, meet them and then build upon that.
- 3) Form joint groups with industry and identify nodal persons at different locations, who can handle this process, as mentors.

A generic structure of the internship program was circulated among the MA to enable them to develop the detailed curricula.

As regards registration of PEs, it was felt that special and concerted efforts are needed by all concerned to create awareness and encourage their members and other engineers to register. It was also suggested that all Consulting Engineers should try to include a clause of employing a percentage of Professional Engineers, in the contracts being formulated by them. It was observed that one of the States has already started accepting the ECI's Registered engineers. Cases have been reported where some foreign countries have also started giving cognizance to ECI's registration.

## News from the Member Associations

### 1) Indian Institution of Plant Engineers (IPE)

National Seminar on Disaster Management for Industrial Plants on 24th - 25th July, 2017 at India International Centre Annexe, Lodhi Road, New Delhi-110003. The National Seminar will provide a platform for the delegates to interact with very eminent domain experts in the field of disaster management. The Resource Persons of the National Seminar on Disaster Management for Industrial Plants include eminent domain experts in the field of disaster management, distinguished management experts from the corporate sector and senior administrators and business executives from leading public sector undertakings, private sector business houses and representatives of the Small and Medium.

Enterprises who have handled the adverse impact of disasters in their business environments. For further enquiry, please contact : Indian Institution of Plant Engineers, (Delhi-Haryana Chapter), 664 Kamaljit Sandhu Block, Asian Games Village, New Delhi.

Ph : +91 11 26492168; 26493974, Mob. : 09811319198, E-mail : iipe.delhi@gmail.com

### 2) The Institution of Electronics and Telecommunication Engineers (IETE)

- i) 21st Sir C V Raman Memorial lecture was delivered by Prof C S Stalin, Indian Institute of Astrophysics, Bengaluru, on "Multi-Wavelength Astronomy: From Ground and Space on 28th Feb 2017 at IETE



Bangalore Centre. The other dignitaries present on the occasion were: Shri G Ramesh, Centre Chairman, Dr M H Kori, Prof C Murali, Vice-President, IETE and Prof HS Bhatia, Hony Secretary of IETE Bangalore Centre, proposed vote of thanks.

- ii) IETE Kathmandu Centre organized a seminar on "Mobile Financial Services (MFS): Opportunities & Challenges" on



16th Mar, 2017 with an objective to develop understanding about implementation of Mobile Financial Services in Nepal among stakeholders and to conduct dialogue on key issues among agencies. Financial regulator, the Central Bank of Nepal, Nepal Rastra Bank & Telecom Regulator, Nepal Telecommunication Authority (NTA) shared regulatory mechanisms to implement MFSs at an earliest appropriate time. This seminar was supported by NTA and Sakchyam Access to finance UKaid. In the program, Dy Governor of NRB, Shri Shiba Raj Shrestha and Vice- President of Nepal Bankers Association & CEO Civil Bank, Shri Kishor Maharjanshared their views to implement MFS.

- iii) IETE conducted this year's 48th Mid-Term Symposium during 8-9th April on the topic, 'Internet of Everything' at Kanpur. The event was organized by IETE Kanpur Centre at



Pranveer Singh Institute of Technology (PSIT) Kanpur in an intellectually stimulating environment for interchange of ideas. The event was a resounding success where delegates, students, teachers and experts fruitfully interacted to understand implications of this life-changing technology. The Chief Guest Shri Ram Naik, Hon'ble Governor of Uttar Pradesh, inaugurated the symposium by lighting the lamp and released the souvenir. Lt Gen (Dr) AKS Chande, PVSM, AVSM (Retd), President IETE, highlighted the IETE's role in nation building, he exhorted the students to seriously consider careers in Armed forces and becoming proficient in cutting-edge technologies. The other distinguished personalities were: the Guest of Honour, Prof (Dr) Vinay Kumar Pathak, Vice-Chancellor, Dr Abdul Kalam Technical University, UP and Shri Pranveer Singh, Chairman, PSIT, Prof (Dr) S N Singh, Chairman IETE Kanpur Centre and Chair Prof, Dept of EE, IIT Kanpur; Prof (Dr) KTV Reddy, Chairman Technical Programmes & Publicity Committee and Director PSIT;

- iv) Dr T H Chowdary, Distinguished Fellow, Past President of IETE was conferred country's prestigious Padmashri Award by the President of India on 13th Apr 2017 at New Delhi. The Award was given to him in appreciation of his decades long work in and outside the DoT. Dr Chowdary has been associated with the IETE since its founding in 1953.



- v) IETE Headquarters observed 49th World Telecommunication and Information Society Day on the theme 'Big Data for Big Impact' on 17th May 2017. Lt Gen Ashish Ranjan Prasad, AVSM, VSM, ADC, Signal Officer-in-Chief graced the event with his presence as a Chief Guest. President IETE, Lt Gen (Dr) AKS Chande, PVSM, AVSM (Retd). Prof (Dr) KTV Reddy, Chairman, Technical Programmes and Publicity Committee and Director, PSIT, Kanpur Shri PK Garg, former Wireless Advisor to Government of India; Ms Rama Vedashree, CEO, Data Security Council of India and Ms Rashmi Verma, Founder and Executive Director, MapmyIndia were the distinguished speakers on this occasion.



- vi) International Women's Day was celebrated by the most of IETE Centres all over the country with



International Women's Day celebrated at IETE Ahmedabad Centre

great enthusiasm. Many women oriented programmes were organized and women achievers were felicitated.

- vii) Shri R K Gupta, IBES (DF 048346) has been elected as the Distinguished Fellow (2016-17) of the Institution of Electronics and Telecommunication Engineers. He has served IETE as its President during the year 2010-12. Shri Gupta is former Engineer-in-Chief of Doordarshan who has held key positions in AIR & Doordarshan for more than three decades.



### 3) Indian Institute of Chemical Engineers (IChE) :

- i) **24 March 2017:** A Seminar entitled 'Cooling in Industry- A Journey from Wet to Dry System' was organised by the IChE headquarters in Kolkata in association with Indian Chemicals Council (ICC) and Heat Transfer Society of India (HTSI). The designing/manufacturing of wet cooling and dry air cooled condensers was another area which was covered.
- ii) **27, 28 April 2017:** Bhubaneswar Regional Centre of IChE organized a seminar on 'Odisha - Investors' Destination for Chemicals and Petrochemicals'. Based on these deliberations, several recommendations on Petrochemicals & Petroleum Investment Region (PCPIR), Paradip, as well as Dharma Port, Odisha have been put forward to the appropriate authority in the state.
- iii) **17 June 2017:** 10th M P Chary Memorial Lecture was delivered by Dr. Ullas Parlikar, Deputy Head, Geocycle India, in Hyderabad at a programme, organised by Hyderabad Regional Centre of IChE.

#### Coming Event:

- iv) **7, 8 July 2017:** IChE HQ will organise a national seminar on 'Project Management - Objectives and Challenges' in Kolkata (at The Gateway Hotel). The high profile event will be attended by Secretaries of Central Ministries, senior executives from top PSUs and other major industrial concerns, management experts from B schools, etc., as guest speakers, resource persons and delegates. Details on <http://iiche.org.in/>

### 4) Indian Geotechnical Society (IGS)

- i) IGS Roorkee Chapter, in association with BIS, New Delhi and Department of Civil Engineering, IIT Roorkee, has organized a National Seminar "Importance of Hill Area Development Engineering and Rock Mechanics" on March 20, 2017. Eminent speakers highlighted the role of Bureau of Indian standards, Civil Engineering and Indian Geotechnical Society in the Hill Area Development Engineering and Rock Mechanics. There were fruitful discussions and knowledge dissemination among the delegates. More Details from the website of IGS.

- ii) The Sixth National Conference on "Recent Advancements in Geotechnical Engineering" (NCRAG 2017) was organized jointly by IGS Coimbatore chapter and Department of Geotechnical Engineering, Government College of Technology on March 28th, 2017. The technical papers are grouped in different sub-themes like Soil Stabilization, Ground Improvement, Slope stability, Pavement Evaluation and Application of Softwares in the field of Geotechnical Engineering, Foundation Engineering and Geo-environmental Engineering. More details from the website of IGS.
- iii) IGS Goa Chapter and Civil Engineering Department of Goa Engineering College conducted the First prestigious Dr. Victor deMello Goa Lecture and seminar on Soil Investigations and Forensic Engineering on 29th April 2017 at Goa Engineering College, Farmagudi. Over 70 delegates comprising of consultants, faculty and students from Goa and Maharashtra attended the event. All the talks were very informative, thought-provoking and very interesting and were well appreciated by the delegates. More details from the website of IGS.
- iv) A two days National Conference on "Recent Advancement in Geotechnical Investigations and Ground Improvement Techniques (RAGIGIT 2017)" was also organized to mark the event by NITS Geotechnical Society on 14th & 15th May, 2017, by IGS Silchar Chapter. The conference attracted quite a good number of participants particularly from North-eastern region and also from different other places of the country. Eminent academicians, practicing engineers, industry personnel, researchers, and students of various institutions and organizations gathered together for two days to share their knowledge and discussed different aspects of geotechnical challenges in the region.



The Inaugural Session

##### 5. Computer Society of India (CSI)

Date	Event Details & Contact Information
March 24-25, 2017	<p>First International Conference on "Computational Intelligence, Communications, and Business Analytics [CICBA-2017]" at Calcutta Business School, Kolkata, India. Contact: som.cse@live.com, (M) 9475413463 / (O) 033 24205209</p> <p>International Conference on Computational Intelligence, Communications, and Business</p>

	Analytics [CIDCBA-2017] at Calcutta Business School, Kolkata, India. Contact (M) 9475413463 / (O) 033 24205209, Email Id: som.cse@live.com; www.cicba-2017.in
April 16-16, 2017	1st International Conference on Smart Systems, Innovations & Computing [SSIC-2017] at Manipal University Jaipur, Rajasthan. <a href="http://www.ssic2017.com">http://www.ssic2017.com</a> , Contact : Mr. Ankit Mundra, Mob: 9667604115, ankit.mundra@jaipur.manipal.edu
May 08-10, 2017	ICSE 2017- International Conference on Soft Computing in Engineering. Organized by: JECRC, Jaipur. <a href="http://www.icsc2017.com">www.icsc2017.com</a> Contact Prof. K.S. Raghuvanshi. Hod.it@jecrc.ac.in Mobile: 9166016670
June 05-30, 2017	Workshop on LAMP [Linux, Apache, My SQL, Perl/Python]. Jaypee University of Engineering and Technology, Raghogarh, Guna - MP. <a href="http://www.juet.ac.in">www.juet.ac.in</a> Dr. Shishir Kumar [dr.shishir@yahoo.com] 9479772915
October 28-29, 2017	International conference on Data Engineering and Applications-2017 [IDEA-17] at Bhopal (M.P), <a href="http://www.ideaconference.in">http://www.ideaconference.in</a> Contact: conferenceidea@gmail.com
December 21-23, 2017	Fourth International Conference on Image Information Processing [ICIIP-2017], at Jaypee University of Information Technology [JUIT], Solan, India. [ <a href="http://www.juit.ac.in/iciip_2017">http://www.juit.ac.in/iciip_2017</a> ] Contact: Dr. P.K. Gupta [pkgupta@ieee.org] (O) +91-1792-239341 Prof. Vipin Tyagi [dr.vipin.tyagi@gmail.com]

##### 6) Construction Industry Development Council (CIDC) :

- i) Mr. Bernard Pekor, Director International Business Development from ACI, America, visited VKP Faridabad for launch the Joint program CIDC and ACI.



Visit of Mr. Bernard Pekor, Director International Business Development, American Concrete Institute (ACI) at Vishwakarma Pratnam (VKP) Faridabad for launch of Joint Program between CIDC and ACI

- ii) A counselling session was organized to introduce Engineering Council of India amongst engineering students and faculties of Buddha Institute of Technology, Gorakhpur on 1st May, 2017. Dr (Prof) Alak Roy, Sr. PE introduced ECI and its working in Gorakhpur. Shri P K Mishra, Chief Coordinator, ECI, Gorakhpur presented the opportunities available through ECI for engineering fraternity. Students were very interested in Continuous Professional Development Programs.
- iii) CIDC has been supporting events as knowledge and sessions partner to promote and disseminate information about best practices and emerging technologies in the industry.

In this series, One Mega Event was held from 10th - 12th May 2017 at PragatiMaidan, New Delhi and was attended by a large cross - section of people from the industry. The event which focused on Building, Solar, Smart Cities, Transport & Water Industries.

Being the sessions partner, a workshop was conducted by CIDC on the topic "Facilitating seamless procurement of goods and services for timely execution of construction projects", Mr. Ashutosh Bhardwaj, Director (Corporate Affairs) explained the concept of National Database, and elaborated the salient features of the CIDC Construction Industry Database to the audience and answered their queries.

The audience were appreciative of the concept and participated enthusiastically in the workshop.



The 5th phase registrations in the National database are now open and the Notice was published in Economic Times & Times of India dated 15th March 2017 and can also be downloaded from [www.cidcdatabase.com](http://www.cidcdatabase.com).

- iv) The 5th Task Force meeting for the CIDC Construction Industry Database is scheduled to be held on 7th July 2017, at India International Centre, New Delhi from 6pm to 8pm.

#### 7) Consulting Engineers Association of India (CEAI) :

- i) In view of the GST proposed for implementation w.e.f. 01 July 2017, CEAI organized a two-day Course on 'Goods & Service Tax (GST)' on 5th and 6th June 2017 at CEAI Centre, Pocket 9 Sector B, Vasant Kunj, New Delhi.
- ii) The Training Course on "Practical Use of the FIDIC Conditions of Contracts" were held on:-
  - a) 07/03/2017 - 08/03/2017 9:00 am - 5:00 pm at Banquet Hall, Hotel Citadel, Bengaluru, Bengaluru.
  - b) 09/03/2017 - 10/03/2017, 9:00 am - 5:00 pm at Anna University, Guindy, Chennai, Chennai.
  - c) 30/05/2017 - 31/05/2017 All Day at Bengaluru Banquet Hall, Hotel Citadel, Bengaluru, Bengaluru.
  - d) 01/06/2017 - 02/06/2017 All Day Training Course on "Practical Use of the FIDIC Conditions of Contracts" Anna University, Guindy, Chennai, Chennai.
- iii) A Webinar on "Earthquake Resistant Design of Bridges in India - Current Practice and Future Scenario" was organized on 15th May 2017 at 15:00 hrs.

- iv) CEAI Successfully organized a seminar on "Ports & Industrial Corridors" on April 7, 2017 at Multi-purpose Hall, India International Centre,



Dignitaries Releasing the Seminar Souvenir

New Delhi. The Hon'ble Union Minister of State for Road Transport, Highways, Shipping, Chemical and Fertilizers, Government of India delivered the inaugural address. Details on <https://ceai.org.in/events/seminar-on-ports-industrial-corridors/>.

#### 8) Indian Association of Structural Engineers (IAStructE) :

##### i) Past Events :

- a) Static and Dynamic Soil-Structure Interaction Analysis of Pile-Raft by Prof G V Ramana, Professor, Civil Engineering Department, IIT Delhi on 26th May 2017.
- b) Resolution of Disputes through Intense Investigations- Case Study of A 120 Year Old Masonry Dam by Mr MurariRatnam, Ex-Director, CSMRS, Ministry of Water Resources on 27th April 2017
- c) Machines Supported on Building -Floors and associated Vibration Problems by Dr K G Bhatia, CEO, D-CAD Technologies on 23rd March, 2017.



ii) **Forthcoming :**

Indian Association of Structural Engineers (IAStructE) jointly with Bureau of Indian Standards (BIS) is organizing a National Workshop on "NBC 2016 & Recently Revised Seismic Codes - Impact on Structural Design, Construction & Safety Buildings", during 27-28 June 2017 at PHD House, 4/2 Siri Institutional Area, August Kranti Marg, New Delhi-110016. Please visit <http://www.iastructe.co.in/forthcoming-events.html> for more details.

9) **Indian Concrete Institute (ICI) :**

- i) ICI-New Delhi Centre is organizing a Conference & Exhibition on "Underground Structures" - CONCRETE 2017 on 14-15 July 2017 at Hotel The Royal Plaza, New Delhi.
- ii) ICI-Chennai Centre is organizing One Day Seminar on Emerging Trends in Precast Construction on 21st July 2017 at IIT Madras.
- iii) IIT Madras is organizing "International Conference on Advances in Construction Materials and Systems - ICACMS 2017" on September 3-8, 2017, as part of 71st Annual RILEM Week at IIT Madras, Chennai.

For more info visit: <http://www.indianconcreteinstitute.org/>

10) **The Automobile Society (India) (AS(I)) :**

- i) The Chairman of the Automobile Society India and Chancellor of North East Frontier Technical University (NEFTU), Shri. Dileep K Nair has received prestigious Baba Sahib State Award in Trivandrum, Kerala on 18th April 2017 from Shri. P J Kurien, Deputy Chairman of Rajya Sabha & Shri. G Sudhakaran, PWD Minister of Kerala for his Contribution and Excellent Performance in the field of Education.



North East Frontier Technical University established by the Automobile Society has got the approval from National Council of Teacher Education (NCTE), Pharmacy Council of India (PCI) and Bar Council of India (BCI).

- ii) The Automobile Society India to give Skill Development push to Auto Sector: -Details on <http://auto.economictimes.indiatimes.com/news/industry/automobile-society-to-give-skill-development-push-to-auto-sector/58666268>.

11) **Indian Society for Trenchless Technology (IndSTT) :**

- i) IndSTT has launched its No Dig India Show 2017, with the central theme of "Standardizing Trenchless Applications" to be held on 8th and 9th December, 2017 at Karnataka Trade Promotion Organisation (KTPO), Export Promotion Industrial Park, Plot No. 121, Road No V, EPIP 2nd Phase, Whitefield Industrial Area, Bengaluru : 560 066 India. Details from Prof. (Dr.) Niranjan Swarup, Director General, Indian Society for Trenchless Technology (IndSTT), 908, Hemkunt Chambers, 89, Nehru Place, New Delhi 110019, Tel: +91-11-41617862, 47670800 Fax: +91-11-41617863, Mobile: 9013125123, 9873010226, 9810833128, Email: [indstt@indstt.com](mailto:indstt@indstt.com), [negi@indstt.com](mailto:negi@indstt.com), [indstt@gmail.com](mailto:indstt@gmail.com) : Website: [www.indstt.com](http://www.indstt.com).

12) **The Institute of Electrical and Electronics Engineers, Inc. (IEEE) :**

- i) 2nd International Conference on Antenna Innovations & Modern Technologies for Ground, Aircraft and Satellite Applications | 24-26 November, 2017| Bangalore, India, By IEEE Bangalore Section. This conference will take place during 24-26 November 2017 at Sterlings Mac Hotel, Bangalore India. Details on [www.ieeeaiam2017.org/](http://www.ieeeaiam2017.org/).
- ii) IEEE Bangalore Section, in collaboration with NASSCOM IoTCoE and TiE, is organizing the 4th edition of IEEE SmartTech on 4-5 August 2017 in Hotel Sterling MAC (Bangalore), with a focus on the theme of "Digital Transformation with Cognitive Minds and Machines". More details on [www.ieeesmarttech.com/](http://www.ieeesmarttech.com/).

13) **Indian Society of Technical Education (ISTE)**

- i) ISTE has signed Memorandum of Understanding with All India Council for Technical Education (AICTE), New Delhi to conduct AICTE-ISTE Induction/ Refresher Programmes for the teaching faculty working in technical institutions on 4th May, 2017. AICTE has kind enough to sanction 100 refresher programmes and 50 Induction programmes with a grant of Rs.3.0 lakhs per programme.



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