



The Indian Engineer

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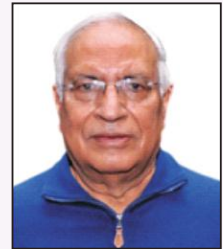
Dr. Kartic Chandra Sahoo

The Council of Engineering & Technology (India)

Shri B. R. Jain

Director

Message from the Chairman



Engineering Council of India is going to celebrate its 16th Foundation Day on 4th April, 2018. Continuing its tradition, Eminent Engineers' Awards in 2 categories- Industry and Research & Consultancy shall also be presented on this day. The high level Jury consisting of Dr. Kirit Parikh (Chairman), Dr. R. A. Mashelkar, Mr. B. Muthuraman, Mr. Mahendra Raj and Dr. D. V. Kapur has selected: Prof J.B. Joshi- Former Emeritus Professor of Eminence, Institute of Chemical Technology, Mumbai, in the Research & Consultancy Category and Dr. N. Nilekani-Former CEO, Infosys and Former Chairman of the Unique Identification Authority of India, in the Industry Category. The Awards will be presented by Dr. Bibek Debroy, Chairman, Economic Advisory Council to the Prime Minister, & Member, Niti Aayog. In addition, ECI Chairman's Commendation Trophies would also be presented to Dr.K. Sivan, Chairman ISRO and Secretary Space, GOI, for outstanding achievement in the Space Sector, Lt. Gen. Suresh Sharma, EnC, Army HQ in Defence Sector, and Shri T.S. Raju, Chairman HAL, and Rear Adm Mital, Chairman Goa Shipyard, both in the Industry Sector.

ECI and its Member Associations (MAs) need to work together on following three major initiatives, which would improve the image of the Indian Engineering Profession and help in the employability of engineers.

The Registration of Professional Engineers by ECI jointly with the Member Associations (MAs) is making continuous progress, but the rate has considerably slowed down. The maximum numbers of registrants have been from the Civil Engineering stream and from Southern Indian states. We have to make efforts to register more engineers from the other streams as well as from other states. Also, the registration process needs to be accelerated. For this MAs have an important role to play. I would request them again to inform and encourage all their members, individuals as well as corporates, so that a much larger no. of engineers may register. Also, it may be necessary now to put emphasis on the next phase of the registration process that of the Continuous Professional Development Programs (CPD). For all these activities, MAs should not only establish National Committees but also make them functional. ECI will provide all information and help. Secondly, after internship for engineering students was made mandatory form 2017-18 session by AICTE, ECI had signed MOU with AICTE to organise Internship by ECI and its member associations. ECI has signed MOU with several technical universities. This will help to improve the employability of engineering students after their graduation. Here also MAs have to play a key role.

Thirdly, National Proficiency Evaluation Test (NPET) to check engineering candidates' proficiency on the basis of written examination conducted under the auspices of National Proficiency Evaluation Board (NPEB), by ECI (which functions independently) needs to be encouraged by the MAs. The performance list of the candidates would help the prospective employer organizations in selecting suitable candidates and help engineers in their employability.

(Dr. Uddesh Kohli)

ECI NEWS

Upcoming Events of ECI

ECI is organizing an **Executive Development Program** on **"Project Management for Engineers"** from July 16 - 20, 2018 at Lecture Hall -1, Annexe, India International Centre, 40, Max Mueller Marg, New Delhi-110003. For any clarification please visit website: www.ecindia.org or send the mail to eci@ecindia.org.

ECI requests all engineers and student engineers to become a part of it's National Register. The form and other details may be downloaded from the website www.ecindia.org.

Think it over

Education must provide "life-building, man-making, character-making assimilation of ideas".

— Swami Vivekananda

Think it over

"Great minds discuss ideas; average minds discuss events; small minds discuss people."

- Eleanor Roosevelt

Think it over

"It is not the strongest of the species that survive, nor the most intelligent, but the one most responsive to change."

- Charles Darwin

From the Editor's Desk



Today the main priority, of a budding engineer from any of the technical educational institutions in India, is to get employed. For a student, of an Indian Technical Educational Institution, getting employed is his main objective. The toppers from these students get employed first. A student who is not able to get a job then goes in for higher studies, or seeks other avenues. This is the scenario in all technical educational institutions, across the board, be it an IIT or a privately run engineering college.

Serious involvement of our Indian industry in R&D activities is pretty rare. As a result, the cream of our engineers, who are employed with that industry, are not involved in any fruitful technological upgradation. Hence they do not have any incentive to keep their skills and knowledge continuously upgraded in their chosen field of specialisation, thus cutting and isolating out this rich talent source from the main stream. After some time, these employed engineers become outdated. Consequently, the products and processes they produce become outdated. As the Indian products are outdated and are not in a position to compete with the better quality imported goods, they start being replaced with foreign goods. As a result, today Indian markets are flooded with imported goods. Factories which if in India would have provided jobs to Indians, are shifting out and providing jobs to others at the expense of Indians. Unemployment is on the rise. With the rise of China as a manufacturing power, the Indian produced items are systematically being replaced by cheaper Chinese versions. Even Ganeshas come from China now. This does not auger well for India.

If India wants to become an industrial power, then it is imperative that the Indian engineering industry takes up R&D activities seriously. The rich source of talent i.e. the employed engineers with the industries, should be fruitfully utilised in the R&D activities.

However, to do so, it is essential that these engineers upgrade their skill and knowledge on a continuous and sustained bases. This in turns means that their upgradation activities need to be monitored and they continuously be encouraged to do so.

The ECI's National Register of Professional Engineers initiative is designed and meant to do just that. To qualify for registration, the applicant should meet a minimum standard level, which would be judged by his domain peers in the respective Engineering Council. Thereafter to continue to maintain that level or upgrade, he has to undergo a minimum periodical Continuous Development Program (CPD), which would also be devised and monitored by the respective Engineering Council. CPD can be undertaken in various ways, but they all need to co-relate to the registered specialization of the individual to have any relevance and thus be counted. The complete procedure is listed out on ECI's website www.ecindia.org.

B.R. Jain

(B.R. Jain)

Distinguished Engineer : Mr Mangu Singh

Mr. Mangu Singh Graduated in Civil Engineering from University of Roorkee (1979). He also received Master of Science (Sustainable Development). Mr. Singh joined Indian Railway Service of Engineers in March, 1983. Held various positions in operating, managing of Railway system and also planning, procurement and implementation of projects on Indian Railways.



He joined DMRC at the inception stage in November 1997 and has been playing key role in developing the Metro system in Delhi. He is also instrumental in assisting other State Governments in developing Metro systems in various cities. Currently he is working as Managing Director of Delhi Metro Rail Corporation.

He is recipient of National Award (Railway Week Award 1996).

He has been awarded D.Sc. (Honoris Causa) by Amity University. He has also been awarded Eminent Engineer -2015 Award by Institution of Engineering and Technology, (UK).

He has recently been awarded prestigious "Distinguished Alumnus Award" by IIT Roorkee.

He has also been awarded prestigious "Green Champion" award by Indian Green Building Council.

He has Published/Presented many technical papers in National and International Journals/Conferences etc.

He is Fellow Indian National Academy of Engineering, Fellow Institution of Engineers (India) and President, Tunnelling Association of India. He is a Member of Policy Board of UITP and also Member of many Institutions.

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 1 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). 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, App.E & Jr.App.E and Rs. 1000 for SE plus applicable GST. And for other categories, the fee is Rs. 2000. plus the applicable GST. 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.

Internship

Today, employability is a problem for the student of a technical educational institution. The solution is Internship. Engineering Council of India (ECI), and its member associations, are assisting the educational institutions, on request of AICTE, to improve the employability by formatting and modulating the Internship of these students. The internship modules of ECI are as under: -

1. When the last semester (i.e. the 8th semester) is fully designated for this purpose, the 1st month or a month and a half depending upon the requirement of the particular student, would be used to provide him a basic industry orientation so that he becomes capable to complete his balance period of internship constructively. This interalia would include brushing up his knowledge of the requirements of the industry, which had been taught to him during his academic years earlier.
2. When the student has to carry out his internship during the summer vacation, which are in between his academic years in three instalments of 2 months each. Here for each 2-month instalment, the orientation would be for a week and thereafter the balance of 2 months would be spent with the industry.
3. In case the student desires to do the internship in still smaller instalments, the internships could be carried out in modules of 2/3 days' duration. Assuming that he has to put in 150 days over a six-month period, then he could do 75 modules of 2 days each.

His balance period, for 1 and 2 above, would be under a Mentor, who would be in addition to the student's industry lead, to monitor him and guide him along with

the industry management, where he is posted. A student is free to choose any of the above 3 modules depending upon the time slots available with him.

The inputs being provided to him during the brushing up period are to make him recall what he has been taught during his curriculum, revise and format them to the requirement of the industry where he shall be doing the balance internship. In addition to the technical knowledge's some essential soft skill knowledge would also be brushed up, during this brushing up period.

The advantages to a student as well as the industry are quite evident: -

A) Student:-

- 1) The student brushes up the knowledge acquired during his academic period and is able to translate them into practice.
- 2) He acquires skill and knowledge which enables him to analyse an industrial process as an engineer, and makes him a doer and not just a follower. These are highly beneficial to an industry.
- 3) Provides him an opportunity to fine tune his career preference.

B) For an Industry: -

- 1) Obtains a candidate who is ready with the basic skill sets required by that industry, so that the industry is spared the time and cost to retrain him.
- 2) The industry obtains a person who could be further groomed to take up the higher engineering functions, to its advantage.
- 3) It provided a time slot to identify and select the person/s, it wants to retains.

Arbitration Systems Specialists

The growth in domestic and international trade and commerce has spurred competition, provided new opportunities and imputed risks. Commercial arbitration in India is witnessing a steady transition and resolution of domestic and cross border disputes is becoming more sophisticated. The parties are increasingly choosing to resolve disputes away from the courts through arbitration. In-house counsels are leveraging the advantages offered by this mechanism including speed of resolution, flexible processes and confidentiality of proceedings while overcoming the hurdles of undue delay in proceedings and lack of institutional arbitration infrastructure. The future of arbitration looks cautiously optimistic owing to several advantages and disadvantages that arbitration provides in the Indian landscape.

To fast track dispute resolution, the Ministry of Law & Justice, GOI, has asked government departments to go for online arbitration. Presently, there are more than 30 million cases pending in various courts of the country and 46% of these involve government departments or government bodies. Ministry of Law has also issued a Notification on "ONLINE DISPUTE RESOLUTION THROUGH MEDIATION, ARBITRATION, CONCILIATION, ETC." in this regard. As per this notification, ministries have been advised not to go to court for their disputes and instead opt for arbitration in order to cut litigation. 'This may help courts to concentrate on access to justice to people in better manner,' the ministry noted. Many of these agencies provide services of retired judges, senior advocates, chartered accountants, retired civil servants for

mediation. Providing a list of such agencies on its website, the law ministry has said the departments may select from them according to their choice and can use their services which will 'help to a great extent in reducing government litigations'." Construction Industry Arbitration Council (CIAC) has been nominated as one of the nodal agencies to be approached for dispute resolution.

CIAC has been closely associated with United Nations Commission on International Trade and Law (UNCITRAL) as Observer at the Working Group meetings on Dispute Resolution, Rules and Procedures for Arbitration and On-line Dispute Resolution, held in Vienna and New York, were attended by representatives from CIAC.

Presently more than 3 crores cases are pending in various courts of the country and 46% of these involve Government Department bodies. Hence, the Department of Justice is exploring the options for Government Departments and Organisations & others for settlement of their disputes through alternate methods like mediation, arbitration, conciliation via online means to save time. The disputing parties can visit the web portal/web links / websites and conduct end to end online arbitration proceedings starting from

Notice of arbitration to conduct of online hearing through Video Conference to publication of online Arbitration Award. This will result in saving of a lot of time and cost. This will also provide online access to various court judgments to Arbitrators as will be linked with numerous court & legal sites.

However, most of the over 80000 Arbitrators in India are senior personnel many of whom are tech averse or not

tech savy. To facilitate the Arbitrators, it is recommended to engage IT savvy young Arbitration Systems Specialist, not necessarily having Law & IT background. Preference will be given to including Engineering and Management graduates The Arbitration Systems Specialist can be groomed with required training on Law & IT and will provide required technical support to the Arbitrators. This will open new job opportunities for the thousands of young people while promoting a system (ODR) which is an urgent need to reduce the extensive workload of disputes which are holding up the expansion of our economy. These specialists shall-

1. Work with arbitrators to provide specialised technical front end support.
2. Form an organization which will provide such services.

The training will acquaint young graduates in various fields of law such as constitutional & administrative law, finance law, infrastructure law, economic law, labour law and arbitration & contract law. Training will provide new avenues of work for and increase employability as well.

Construction Industry Arbitration Council is jointly organising a one day "National Conference on Online Dispute Resolution Mechanism' On 21st April 2018 with support of Engineering Council of India and All India Council of Technical for Technical Education (AICTE) along with UNCITRAL and Ministry of Law to create more awareness among the stakeholders. **Venue:-** Civil Service Officers Institute, Vinay Marg, Chanakyapuri, New Delhi - 110021. Forms and other details can be had from ECI's website www.ecindia.org or www.ciac.in, or from www.cidc.in.

News from the Member Associations

Association of Consulting Civil Engineers (India)

Nominations are invited from Consulting Engineers, Designers, Planners, Construction Agencies, Computer Software Developers and Authors. The works completed in the above areas during the last 3 years and before 31st December 2017 are to be submitted on or before 21st April 2018 in the prescribed Performa. Performa can be down loaded from the website: www.acce.in These awards will be presented during the ACCE(I) Annual Awards & ACCE(I) Foundation Day to be held on 2nd June 2018 at Madurai.

For more details please contact: Chairman, Awards Committee, Association of Consulting Civil Engineers (India), A-21, A-Block, 2nd Floor, Brigade MM Industrial Complex, K R Road, Near Yedyur Circle, Bangalore -560 070, Tel: 080-26770365, 26770366 Email: manager@acce.in, website: www.acce.in.

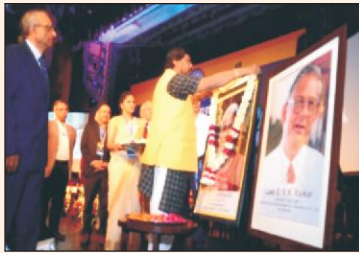
Construction Industry Development Council (CIDC)

- 1) A MOU was signed between IRCON International Limited and Construction Industry Development Council (CIDC) for Employment Oriented Training & Skill Development Program for 200 Unemployed youth/SC/ST/OBC women and EWS of the society.
- 2) The last leg of the training in different categories under the "Project for Employment Oriented Training and Skill Development Programme for SC/ST/OBC/Women & EWS of Society for 2000 Persons under Airports Authority of India CSR Initiative" is being held at Ranchi, Daltonganj, Chapaguri.
- 3) Over 2048. candidates have enrolled in training so far and those who have successfully completed the course have moved on for jobs with reputed

construction companies. Students have also opted for self-employment and some have joined higher education courses.

4) 10th CIDC Vishwakarma Awards 2018:

The 10th CIDC Vishwakarma awards were held at a glittering ceremony on 7th March 2018 at Stein Auditorium, India Habitat Center, New Delhi. Hon'ble Minister Shri Ramdas Bandu Athawale, Ministry of State for Social Justice & Empowerment was the Guest of Honor, with a video address by Dr. Satya



Pal Singh, Hon'ble Minister for Ministry of Human Resource Development and Ministry of Water Resources, River Development and

Ganga Rejuvenation. This year, a total of 188 awardees were chosen and distributed 62 trophies, 74 medals and 52 certificates in Sixteen prime categories. More details from CIDC's website www.cidc.in.



5) Construction Industry Development Council & Vikas Institute of Engineering & Technology jointly organized "Talent Search Competition" every year. This year organized "Talent Search Competition" was held on 17th Dec, 2017. The competition was conducted in two levels, junior level for class 10th students and senior level for class 12th students.



Students of 150 colleges from ten major districts of eastern UP participated in the competition. Principals and teachers of different colleges attended the competition.

6) World Aids Day was observed on 1st Dec to create awareness about the symptoms, causes and preventives of the disease HIV/AIDS that has taken unprecedented number of lives. In respect of that,

World AIDS Day 2017 was celebrated by Child Line Gorakhpur in CIDC, Gorakhpur center with a range of interactive activities, campaigns by distributing posters and pamphlets.

- 7) CIDC has signed a MoA with NMDC Limited on 11th January, 2018 for Employment Oriented Training and Skill Development Programme for SC/ST/OBC/Women, Unemployed Youth & EWS of the society for 200 persons.
- 8) Construction Industry Development Council and Vikas Institute of Engineering and Technology, Gorakhpur jointly launched, "Drone orientation & startup internship training for Engineers" on 6th Jan, 2018 to train the engineering students to acquire safe and responsible drone flying skill.
- 9) CIDC in association with Blueshift Education and Training Private Limited, Mumbai (CIDC partner institute), will be launching new program Building Construction & Real Estate Management Program (BCREMP) in Mumbai. For further details please visit at www.cidc.in.

Consulting Engineers Association of India (CEAI)

CEAI conducted open house training program on "Management of Claims and Disputes Resolution" held on 17th & 18th January 2018 at New Delhi.



CEAI organised in-house training program for Senior Executives of the Dedicated Freight Corridors Corporation of India Ltd (A Government of India Enterprise), on the following modules:

- Training on "Practical Use of FIDIC Conditions of Contract" held on 12-13 January 2018. 43 Executives of DFCCIL attended the training.



DFCCIL Participants

Training on "Management of Claims and Dispute Resolution" held on 15-16 January 2018. A significant number of DFCCIL Executives participated in the training.

DFCCIL Training in progress

CEAI conducted training Course on "Practical Use of FIDIC Conditions of Contract" for National High Speed Rail Corporation



Limited (NHSRCL), for Implementing High Speed Rail Projects, on 19-20 January 2018.

The first course on Module 1 on 'Consulting Engineering Practice' was organized on 10th March 2018 at CEAI Centre, Vasant Kunj, New Delhi.

Further details of the above programs from CEAI website.

Indian Association of Structural Engineers (IAStructE)

IAStructE is organizing Refresher Course on "Design of Tall Buildings" from 28th April 2018 to 16th June 2018. The lectures on every Saturday morning from 9.00 AM to 01.15 PM (with 15 mins. Tea break in between). Each lecture of 2 hours. The venue: PHD Chamber of Commerce & Industry, PHD House, 4/2 Siri Institutional Area, August Kranti Marg, New Delhi 110016. For details contact Mr. Vikas Verma, Manager IAStructE, Tel: 011-45794829, Email: iastructe@gmail.com.

IAStructE-S C Mehrotra National Technical Paper Competitions 1) For all Civil/Structural Engineering Professionals and Academicians on the theme "Earthquake Resistant Analysis and Design of Iconic Structures: Bridges, Multi-storey buildings, Industrial Structures (R.C.C. or Steel)". 2) for Undergraduate/ Post Graduate Students of Civil/Structural Engineering on the theme "Technological Solutions for Affordable Housing". Last date for technical papers extended to 30th April 2018 for both.

Technical Lectures at New Delhi 1) on "Latest and Greatest in Wind Engineering" by Dr. K. Suresh Kumar, Principal and Managing Director, RWDI (India) on 22nd March 2018. 2) on "Cable Suspended Structures" by Dr Prem Krishna, Former Professor, IIT Roorkee on 22nd February 2018. 3) on "Pre-Casting, Pre-Tensioning & Launching of Full Span Super-Structure in India" by Mr

Ravi Kant Gupta, Managing Director, Bridgecon India on 18th January 2018. 4) on "Concept of Composite Construction and Type of Composite Construction" by Mr Hari Om Gera, Managing Director, Constructure Designs Pvt Ltd on 14th December 2017. 5) on Estimation of Wind Loads on Buildings as per IS 875-3-2015 by Dr. Ashok K. Jain, Retired Professor, I.I.T. Roorkee on 23rd November 2017.

Indian Institution of Bridge Engineers (DSC) (IIBE)

Lt. GEN HARPAL SINGH, AVSM, VSM has taken over as DGBR from 28/3/18. Many many congratulations to LT GEN SINGH. He also assumes the Chairmanship of Indian Institution of Bridge Engineers (DSC).

IIBE organised a 5 day training programme, for the engineers of Border Roads Organisation, on Bridge Design by Shri PV Mayur, a faculty at Indian Academy of Highway Engineers under the Ministry of Road Transport & Highways, from 5th to 9th Mar 2018.

Indian Society for Trenchless Technology (IndSTT)

Recently Indian Society for Trenchless Technology (IndSTT) organized the "No Dig India Show- 2017" "International Conference & Exhibition on Standardizing Trenchless Applications" at Bengaluru on 8th & 9th December 2017. The event was structured based on the papers and presentations collected in response to the call for papers made by IndSTT focused at Standardisation of Trenchless Applications.



Indian Institute of Chemical Engineers (IChE)

IChE, Hyderabad Regional Centre held a seminar on 24 January 2018, on 'Chemical Engineering and Technology: Advancements and Associated Safety Aspects'.

IChE, Calcutta Regional Centre held a Seminar on 'Innovative Process Technology for Sustainable Development' on 23 and 24 February 2018 in association with CSIR- Central Glass & Ceramic Research Institute, Kolkata.

IChE, Mumbai Regional Centre in association with Chemical Engineering Association (ChEA)-IIT Bombay organised a seminar on 'Chemicals from Indigenous Coal: Opportunities and Challenges' on 24 February 2018.

IChE, Ankleshwar Regional Centre was host to a seminar on Chemical Industry - Window-view to

Environmental Management for Sustainable Growth on 22 March 2018.

Further details from IICHE's website.

The Institute of Marine Engineers (India) (IME)

Papers are invited from Engineers, Designers, Manufacturers, Shipbuilders, Operators, Students, Educators, Researchers, Recyclers, Salvors, Adjudicators etc. on the following topics 1. Maritime Safety, Environment and Security, 2. Naval Ships and Operations, 3. Maritime Policies, Economics, 4. Law, Insurance and Salvage, 5. Human Element and Training, 6. Ports, Dredging and Multimodal Logistic, 7. Shipbuilding, Machinery, Repairs & Recycling, 8. Oil & Gas Industry and Offshore Operations, 9. Use of Digital Technology, Communication and Navigation, 10. Innovative Technologies, 11. Oceanography and Underwater Technology. For any further clarification/s please write on technical@inmarco.in.

Indian Society of Agricultural Engineers (ISAE)

Two days National Conference on "Digital and Engineering Technologies for Precision Agriculture and Value Addition" was organised at College of Agricultural Engineering, ANGRAU, Bapatla during 26th & 27th February, 2018 along with Farm Engineering Expo-2018 with AP Agro Industries Development Corporation. For Further details visit Acharya NG Ranga Agricultural University website (www.angrau.ac.in)

Mining Engineers' Association of India (MEAI)

3rd National Council Meeting (2017-19) of MEAI is scheduled to be held on 28th April 2018 in CIMFR Auditorium.

Bara Jamda: Seminar on Technology Innovation and Safety in Mining Industry: in March 2018

Dhanbad Chapter: Conference on 28th April 2018 at CIMFR-Dhanbad.

Details from <https://meai.co.in/event-info>

Indian Concrete Institute (ICI)

ICI Chennai Centre is organising a two day conference on 'Evolving Trends In Tall Buildings' with L&T Construction, on 16th and 17th July 2018 at Chennai.

Broadcast Engineering Society (India) (BES)

This year's BES Expo and Conference was held from 26th to 28th February, 2018 at Hall No. 7, Pragati Maidan, New Delhi. Inaugurated by the Hon'ble Information & Broadcasting Minister Smt. Zubin Smriti Irani. The conference was held for three days on

the theme "Non-Linear Broadcasting - Technology and Business Models". Around 800 delegates from India and abroad have attended.



The Aeronautical Society of India (ASI)

ASI organized a programme "Drone Pitstop 2018" on 3/2/2018 - 3/3/2018 at KCG college of Technology, Department of Aeronautical Engineering, Karapakkam, Chennai, Tamil Nadu. For details on website www.kcgdronepitstop.com.

The Aeronautical Society of India, Thiruvananthapuram Branch will organize a National conference on "Future Directions in Propulsion " ASET 2018 during 11th & 12th May 2018 at LPSC, Valiamala Thiruvananthapuram, India.

Details from ASI's website.



Indian Buildings Congress (IBC)

ASCE HQrs USA, organized its 1st International Conference with theme "Urbanisation Challenges in Emerging Economies" on December 12-14, 2017 at IIT, Delhi. Details from Shri S.K. Vij, Chairman Organizing Committee & President, ASCE India (skvij@hotmail.com)

The Institution of Electronics and Telecommunication Engineers (IETE)

The IETE will conduct MID TERM SYMPOSIUM (MTS-2018), ON Recent Trends in Wireless Communications at YVS MURTHY AUDITORIUM, AUCE(A), Visakhapatnam -530003, INDIA on 8 & 9 APRIL 2018.

1st IETE International Conference India(IICI-2018), ON THEME "Technological advanced & Applications in IoT, Data Analytics, Big Data & 5G Announcement & Call for papers at IETE Bengaluru centre, IETE Building, Bellary Road Ganganagar Extn. Bengaluru on 2 & 4 MAY 2018.

The 3rd International Conference, on 'Microelectronics Computing & Communication Systems(MCCS-2018)' at IETE Ranchi Centre on 12 & 13 MAY 2018.

Details from IETE website.

Indian Society for Non Destructive Testing (ISNT)

ISNT Level III certification programme as per BIS Document - IS 13805 - 2004 (Conforming to ISO 9712 - 2005), in various methods of NDT, will be conducted by the ISNT Mumbai Chapter at Mumbai. Candidates interested in registering their names for this programme, shall fill in the application form giving all relevant details. For any detail www.isnt.org.in/pdf/ISNT_Level_III_Announcement_May2018.pdf.

Training & Certification Course on Ultrasonic Examination Level-II (As per IS 13805) Course 19th April to 26th April 2018 Examination on 27th & 28th April 2018 Organized By Indian Society for Non-Destructive Testing Pune Chapter The Venue, Date and Time ISNT Pune Chapter Office Unit No-104, Avenue Daffodil Survey No- 23/2A/1/7, Balewadi Pune 411045. Date: 19th April to 26th April 2018 Timings: 9.00 TO 18.00 Hrs.

Indian Society For Technical Education (ISTE)

- International Conference on Computer Networks, Security & Computing-2018 (ICCSC-2018), May 4-5, 2018, organised by Dept. of CSE & ISE, Sri Venkateshwara College of Engineering, Bangalore. For details contact: Prof. Srinivas G., Asst. Prof., Dept. of CSE. SVCE, Bengaluru. Mobile : 09480017917. E-mail : srinivas.cse@svcengg.com, grrinivasa11@gmail.com.
- International Conference on "Sustainable Engineering and Technology (IconSET 2018), 19-20 April, 2018, organised by ACS College of Engineering, Bengaluru. For details contact: Dr. M. Eswaramoorthy, Conference Chair; Mobile: 08762085909; email: rmeswar@gmail.com.
- 3rd International Conference on "Computing: Communication, Networks and Security (IC3NS-2018), February 23-24, 2018, organised by Mody University of Science and Technology, Lakshmanagarh, Dist. Sikar (Rajasthan). For details contact: Prof. V.K. Jain, Conference Chair. Phone:

9785893994, 7737785474; Email: ic3ns_2018@modyuniversity.ac.in; Email : dean.cet@modyuniversity.ac.in.

- 9th Inter University Engineering, Science & Technology Academic Meet-2018 & Innovative Model Competition for a Sustainable Society, 25th March, 2018, organised by Forum of Scientists, Engineers & Technologists (FOSET), in collaboration with ISTE West Bengal Section, venue: The Government College of Engineering & Textile Technology, Serampore, Hooghly. For details contact: The Organising Committee, Phone : 033-22529675, 022520521. Email: foset@foset.in.
- 5th International Conference on Water, Environment & Society (NCWES-2018), 4-6 June, 2018, organised by Centre for Water Resources, Institute of Science and Technology, JNTU Hyderabad. For details contact: Dr. M.V.S.S. Giridhar, Convener. Mobile: 09440590695; Email: ncwes2014@gmail.com, mvssgiridhar@gmail.com.
- National Conference on Current Trends in Engineering, Science and Technology, 20-3-2018, organised by Godavari College of Engineering, Jalgaon. For details contact: Dr. V.G. Arajpure, Principal and Conference Chair. Mobile: 09850850750. Email: vgarajpure07@rediffmail.com.
- International Conference on Advances in Science & Technology, March 16-18, 2018, organised by Dept. of Computer Science and Engineering, Rayat-Bahra Group of Institutions, Ropar, Near Chandigarh, Punjab. For details contact: Dr. Harsh Kundra, Organising Secretary. Mobile: 08427277222; email: icast@rayatbahra.com.

The Indian Institute of Metals (IIM)

IIM & Tata Steel organized an International Conference "Asia Steel-2018" at Bhubaneswar, Odisha on February 6-9, 2018. *Details from IIM's website.*

ENGINEERING COUNCIL OF INDIA

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