



The Indian Engineer

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Message from the Chairman

The 16th National Conference of ECI, with the theme- "Use of Emerging Technologies by Engineers for Economic Development", will be held on 26th November, 2018 at Central Services Officers' Institute (CSIO), Vinay Marg, Chankyapuri, New Delhi. Apart from Member Associations, AICTE will be the Principal Supporting Organisation. The Brochure has been sent to all Member Associations. Please ensure maximum participation by your members, on a complimentary basis. The National Conference will focus on emerging technologies which embrace all sectors of economy.

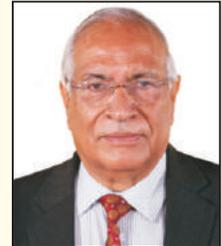
Some examples of the emerging technologies are: Drone Technology, Erection of Aquifer Storage and Retrieval Innovation System, Blockchain Technology, Robotics and Artificial Intelligence, etc. We had requested Member Associations (MAs) to suggest other technologies they would like to be discussed. Many of these technologies are at present not a part of the curricula of the engineering education in most institutions. Accordingly, special executive development programmes need to be organised to familiarise the engineers with these technologies. Here also, MAs can play a major role, also augmenting their resources in the process.

Another National Conference is being planned conference in association with our members Construction Industry Development Council (CIDC) and International Council of Consultants (ICC) on Drones Technology in the month of Jan./Feb. 2019. Ministry of Civil Aviation, Govt. of India is supporting this Conference. More details, when available, will be communicated to MAs

Assessments of the entries in AICTE's 2nd Chhatra Vishwakarma Awards – 2018, being organised in association with ECI and ISTE, are going on. The theme this year is 'Empowerment of Villages through Technologies' in 8 sub themes. The Awards would be distributed in November this year.

You would be glad to know that to enable coordination of our activities in the North East, ECI's NE Coordination Centre has also been opened at BB Engineering College, Kokrajhar, Assam. Prof. Medalsong Ronghang of BB Engineering College and Prof. Thoba Singh of Don Bosco University, Guwahati, Assam have been designated as ECI's Coordinators. The BB Engineering College is being set up by the Assam Government, and is affiliated to the Assam State Technical University. Earlier ECI Coordination Centres were started at Nagpur and Hyderabad with Ms Minal Dehadrai and Mr Raj Kumar as coordinators respectively.

ECI's initiatives cannot be successful without the support and involvement of the Member Associations. The issue of Registration applications for the various categories of Professional engineers need a special mention. ECI is always ready to help and support the MAs in any way needed. All MAs need to create awareness, encourages engineers to apply, screen and recommend candidates for award of PE etc. As a first step, the formation of National Committee of each MA needs to be expedited. Where these have been constituted, they need to start functioning. These registered engineers have to accumulate at least 250 credit hours of skill and knowledge upgradation in their registered specialisation. These credit hours relate to various CPD Programs which they attend. Hence MAs have also to organise such CPD Programs for them.




(Uddesh Kohli)

From the Editor's Desk



It's all good—we have graduated with a degree in engineering and landed a good job with an engineering firm that promises a good career. It appears we are all set, right? Not necessarily—engineering is a competitive field and susceptible to big layoffs when the economy takes a dive. Engineers of past lived in an era of slower technological expansion in respect to the engineering realm. Today, technologies which are IN in the morning are OUT by the evening. The role of the modern-day engineer is growing faster than ever. As technology, manufacturing, and workplace collaboration take new shape, we have to adapt with new engineering skills to stay at the top of our game.

So what you can do in your first five years as a professional engineer is to strengthen your long-term career and make you stand out from the competition? This is the period which would separate the winners from the losers. There are some tips, if followed, would be of immense help.

Don't stop learning.

College has left you woefully unprepared for many of the challenges you will face. Becoming an effective communicator, team member or leader, or project manager are worthy goals to aggressively pursue. Smart engineers recognize that a degree/diploma is just the first step in a career that will require constant education and a fair amount of re-education. A continual stream of learning for engineers is required for success. Innovation in engineering can often come from unexpected quarters. While the trend toward specialization is not likely to let up, the need for cross-pollination of engineering disciplines is critical. For instance, new materials used in one industry can benefit others. Engineers need to keep up-to-date on as many industries as they can.

Not only keep up with trends in your own discipline, but also in adjacent disciplines. Engineering disciplines cross pollinate each other more than ever before and being on top of that gives you a strong edge in your career growth.

Join a professional society and participate as an active member. Share what you learn with your colleagues at work. If your local work group does not have a journal club or study circle, consider starting one. Engineering associations provide professional learning opportunities, including short courses and online learning. Search for universities that are active in providing technical education in your field. In short, keep upgrading your skill and knowledge on a continuous and sustained basis.

Ask Questions

Remember the saying that "it is better to remain silent and be thought a fool than to open one's mouth and remove all doubt?" Don't believe it. It's dangerous, especially for engineers. Asking questions forces us to consider all the options. It extends our comfort zone and helps us to grow.

There is no such thing as a stupid question. The power of simple questions is amazing. If something isn't clear, ask about it.

Find a Mentor

Being independent types, engineers often feel they have to do it alone. Find a coach within the organization who can provide valuable advice, direction, and support. More important than having technical credibility, your coach should be adept at navigating the organization. Find the engineer who business leaders and customers seek out when they want to get an answer or solve a problem. As in all industries, having someone who inspires you to do better and who pushes you to be your best will keep your career on the right path. Once you've established the relationship, honour it by listening carefully, following the advice, and carrying yourself in ways that will make your coach proud.

Seek out new challenges and challenging assignments

The term "stretch assignment" defines an opportunity to challenge your knowledge, skills, and creativity in new and different ways. Challenging assignments take you out of your comfort zone and provide you with opportunities to set yourself apart.

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Forth Coming Event of ECI

ECI is organizing its 16 National Conference on the theme "Use of Emerging Technologies by Engineers for Economic Development" on November 26, 018 at Auditorium Civil Services Officer's Institute, Vinay Marg, Chanakyapuri, New Delhi. The event is supported by the All India Council for Technical

Education as Principal Supporting Organisation and supported by all Member Associations of the Engineering Council of India.

The Technical papers are invited from all member's associations of ECI, IITs, NITs, registered engineers and other engineering colleges and technical universities.

Distinguished Engineer : Shri Arvind Gupta

ARVIND GUPTA did a B. Tech from IIT, Kanpur (1975) in Electrical Engineering. He worked with Tata Motors for a few years and then left his job to pursue his passion - making science fun for children. In 1978, he worked with the Hoshangabad Science Teaching Program and spent 4 months with the famous architect Laurie Baker.



Inspired by Laurie Baker he uses local, low-cost often throwaway materials for making science interesting. Using Cycle Valve Tube joints and matchsticks one can make several 2-D and 3-D shapes. Even the poorest can afford this home spun Meccanno. Folding 20 wearable newspaper caps; hand-made pumps which throw water 8-meters away or inflate a balloon; working model of an electric motor which cost just Rs 5 if you have a torch battery, simple generator with which a child light a LED and in the process get deep insights into Faraday's Laws of Induction and Magnetism.

He has conducted science activity workshops in over 3000 schools and worked in 25 countries. His first book Matchstick Models and Other Science Experiments was translated in 12 Indian languages. Since then he has written 30

books on science activities, translated over 400 books into Hindi and presented 125 films on science activities on the Tarang program on Doordarshan.

He worked at the Children's Science Center at IUCAA, Pune for 11 years. The Centre produced 8600 short (2-minute) videos on simple experiments and science toys in 20 different languages. The videos have been viewed by over 72-million children worldwide. Every day over 12,000 books are downloaded from his popular website <http://arvindguptatoys.com>.

Arvind Gupta has won several awards including the DST's inaugural award for Science Popularisation among Children (1988), the IIT Kanpur Distinguished Alumnus Award (2001), Indra Gandhi Award for Popularisation of Science, The Third World Academy of Science Award. In 2018, he was conferred the Padam Shri by the Government of India.

Arvind Gupta Wiki

https://en.wikipedia.org/wiki/Arvind_Gupta

Arvind Gupta TED Talk

http://www.ted.com/talks/arvind_gupta_turning_trash_into_toys_for_learning?language=en

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).There are separate National Registers under each category for different engineering fields/disciplines: Construction, Consulting, IT, Computers/Telecom/ Civil/Electrical/ Mechanical/Chemical/Mining/Meta llurgy/ 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, 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.

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Critically analyse your performance.

Practice your new skills and try to be self-aware and realistic about how you're progressing. New abilities don't come easily and those who excel in their own personal development take advantage of opportunities that sharpen their skills and grow their knowledge base through practice.

Learn How to Manage People

Building an arsenal of professional skills outside the boundaries of engineering programs can significantly increase an engineer's value to the organization. At the top of the list of skills is managing people - especially other engineers.

The underlying technology and science for engineering solutions is evolving so quickly that very few people can keep current, but there will always be people coming forward with new skills, understanding and enthusiasm. The secret is to recognize your duty as a successful engineer and develop your skills as a manager in an engineering business so you can create the conditions for the next generation of engineers.

You won't get far without a graduate degree and you need to start planning, A few years of work experience will allow you to make the most of your next learning opportunity and to rediscover the joy in formal learning. By implementing a methodology of constant optimization in our workflow and not resisting change, we can benefit from growing technology. We have to lay aside our engineering pride when it comes to sticking with the way we have always done things and embrace new technologies that only allow us to design better. Welcome your expanding role and use it to your advantage.



(B.R. Jain)

News from the Member Associations

1. Association of Consulting Civil Engineers (India) (ACCE(I))

ACCE(I) Madurai Centre organized Foundation Day and Awards Function 2018 at Madurai on 1st & 2nd June 2018 followed by



Workshop & Seminar on Industrial, Commercial & Special Flooring at Madurai. For details please visit at www.acce.in.

2. Computer Society of India(CSI)

CSI is organizing a Convention on December 14th - 16th November, 2018 at the Hotel Inder Residency, Udaipur - Rajasthan, India". For further details please write to sanjay.since@gmail.com

3. Consulting Engineers Association of India (CEAI)

CEAI is organizing a two day FIDIC Training Course on "Practical Use of FIDIC Conditions of Contracts" on 28th & 29th September 2018 at New Delhi. For further details please visit www.ceai.org.in.

4. Construction Industry Development Council (CIDC)

- 6th Task Force Meeting for CIDC - Construction Industry Database was held on 13th July 2018 at Civil Services Officer's Institute, Vinay Marg, Chanakyapuri, New Delhi.
- CIDC has been supporting industry events, as knowledge and sessions partner, to promote and disseminate information about best practices and emerging technologies in the industry. In this series, Infra Conclave 2018 was held from 15th - 16th June 2018 at New Delhi
- 13th National Proficiency Evaluation Test (NPET) was conducted successfully on June 15, 2018.
- Three days "First Aid Training Program" was conducted at CIDC- VKP Corporate Center Faridabad, by Dr. R. S. Sethi on 13th to 15th, June, 2018.
- "Solar Training Program" conducted by CIDC through M/s. Advit Foundation at CIDC- VKP Corporate Center Faridabad on 26th June, 2018.
- World Environment Day was celebrated at Construction Industry Development Council, Gorakhpur center on 5th June, 2018.

- Engineering Council of India (ECI) jointly with its Member Associations- Construction Industry Development Council (CIDC) and International Council of Consultants (ICC) is organizing "National Conference & Exposition on Drone Technology" February 2019 at New Delhi, supported by Ministry of Civil Aviation, Govt. of India & DaaS (Drone as Service) Network Australia.

Further details of the above can be had from www.cidc.in and www.ecindia.org.

5. Indian Institution of Plant Engineers (IIPE)

IIPE (TS & AP) Chapter started Student Centers at "Aurora's Technological and Research



Institution" (ATRI), Peerazadiguda Near Uppal, Hyderabad on 22nd January 2018 and at the Kakatiya Institute of Technology & Science, Warangal, on the 30th January 2018.

IIPE (TS & AP) Chapter conducted a three-day Workshop on "Environment, Health & Safety" from 30.04.2018 to 02.05.2018, at Jawaharlal Nehru Technological University - at their Centre for Environment, Institute of Science & Technology (IST), Kukatpally, Hyderabad.

(I) K a k a t i y a Institute of Technolgy & Science (KITS) Warangal, have requested IIPE (TS & AP) Chapter to



arrange a guest lecture on "Industrial Drawings" in their Five days' Faculty Development Programme.

The IIPE Annual day was organized on 28th January 2018, Sunday at Dhola-ri-Dhani located at Kompally.

One week Intensive Preparatory Training Course for "BOILER OPERATION ENGINEER (BOE)" Examination was conducted from 22nd July 2018 to 28th July 2018 at Hotel Raj Inn, Paradise Circle by Centre of Plant Engineering Services [COPES].

Further details from IIPE website.

6. Indian Association of Structural Engineers (IAStructE):

The Indian Association of Structural Engineers (IAStructE) organized a two-day International Seminar on "Earthquake



/Wind Resilience in Buildings and Bridges with Vibration Control - Base Isolation and Damping Devices", during 14-15 September 2018 at New Delhi.

The Structural Engineering Digest (SED) an official publication of IAStructE was released on this occasion.

Two MoUs, one with Japan Society of Seismic Isolation (JSSI) and the other with Structural Engineers Association of Northern California (SEAONC) were signed.



A Technical Lecture on the topic "Structural Analysis of Hyperboloid Shaped Roof" by Mr Pankaj Mehta was held on 26th July 2018 at CDC, India Habitat Centre, Lodhi Road, New Delhi.

Further details can be had from their website : <http://www.iastructe.co.in/>



7. Indian Geotechnical Society (IGS)

The IGS-Guntur Chapter in association with BIS, New Delhi, Dept.of Civil Engineering, RVR & JC College of Engineering, Guntur conducted a Two Day National Seminar on NBC 2016 and Indian Standards: Innovations and Case Studies in Geotechnical Engineering on 6th and 7th July, 2018 at RVR&JC College of Engineering, Guntur.

Two Day Workshop on "Geotechnical Engineering Aspects in Deep Excavations and Foundations" was

organized at Bannari Amman Institute of Technology (BIT) Sathyamangalam, Department of Civil Engineering in association with Indian Geotechnical Society, Coimbatore Chapter on 19&20 July 2018.



School of Civil Engineering, Vellore Institute of Technology, Vellore in association with IGS - Vellore chapter organized guest lectures titled "Emerging Technologies and Materials for Infrastructure Development: Innovations in Geotechnical Engineering and Role of Geo-technology in Sustainable Strategy for Water Resource Development" on 29th August 2018. For further details please visit IGS website.

IGS-Bangalore Chapter and Department of Civil Engineering, Indian Institute of Science, Bangalore will organize Indian Geotechnical Conference (IGC-2018) during 13-15 December, 2018. Visit conference website: www.igc.2018.com

IGS-Silchar Chapter and National Institute of Technology, Silchar will organize 7th Indian Young Geotechnical Engineers Conference (7IYGEC) during 15-16 March 2019. For more details please visit www.nits.ac.in

8. Mining Engineers Association of India (MEAI)

Rajasthan CHAPTER with Jaipur Chapter had organised a one-day workshop on 'Occupational Health Hazard in Mining and Workplaces - Control Measures' on June 9, 2018 at its Mining Welfare Centre, Jaipur.

Mining Engineers' Association of India, Rajasthan Chapter-Jaipur hosted a National Workshop on 'Ease of Doing Business - a Challenge for Mining Sector' on 30th June - 1st July 2018' at the Mining Welfare Centre, Jaipur.

The Bellary-Hospet Chapter celebrated the World Environment Day on 5th June 2018. The theme chosen for the occasion was "People with Nature".

Further details from MEAI's website : <https://meai.co.in/>

9. Indian Society of Technical Education (ISTE)

ISTE has signed Memorandum of Understanding with Gujarat Technological University (GTU) on 18th July, 2018 to conduct Faculty Development Programs in GTU affiliated institutes for providing training to the faculty working in various technical institutions in the areas of technical education and its associated development as well as professional training on Human Values. For details please visit ISTE official website www.isteonline.in; GTU website: <https://www.gtu.ac.in>.

10. Indian Buildings Congress (IBC)

Indian Buildings Congress is organizing its 23rd Annual Convention & National Seminar in December, 2018. The Annual Convention, apart from conducting business like holding of AGM, Governing Council Meeting & appointment of office bearers for ensuing term, will also include a National Seminar. Members of the Indian Buildings Congress and professionals of Government Departments, Housing Boards, Development Authorities, Town and Country Planning Organisations, State PWDs, Teaching & Training, Technical Universities, Builders, Developers and all others interested in building management are cordially invited to contribute papers for the Seminar. "Rapid Building Construction - Emerging Technologies" Details from IBC website: www.ibc.org.in.

11. Indian Institute of Chemical Engineers (IIChE)

IIChE and Indian Chemical Engineering Congress, CHEMCON 2018, will be held during 27 to 30 December 2018 at Dr. B.R. Ambedkar National Institute of Technology, Jalandhar, to be organised by Doaba Regional Centre, IIChE. The Central Theme of CHEMCON 2018 will be 'Seamless Chemical Engineering in Service of Humanity: Innovations, Opportunities & Challenges'. For all correspondence, please contact: Dr. Ajay Bansal, Organising Secretary, CHEMCON 2018, Department of Chemical Engineering, NIT Jalandhar, Punjab. Emails: chemcon2018@yahoo.com and chemcon2018@gmail.com

12. Institution of Electronics and Telecommunication Engineers (IETE)

IETE is organizing its 61th Annual Convention (AIC - 2K18) on "Smart Engineering for sustainable Development (SEFSD)" at Prof Ram Meghe Institute

of Technology and Research, Badnera - Amravati (MS) from September 29-30, 2018. For any clarification please visit <http://www.iete.org/>

13. The Institute of Electrical and Electronics Engineers. Inc. (IEEE)

GUCON 2018 - IEEE is organizing an International Conference on 'Computing, Power and Communication Technologies' on September 28-29, 2018 at Greater Noida, Uttar Pradesh. For any clarification please visit <https://www.ieee.org/>

ICACE - International Conference on Automation and Computational Engineering on October 3-5, 2018 at Greater Noida, Uttar Pradesh. For any clarification please visit <https://www.ieee.org/>

I4C - International Conference on Circuits, Control, Communication and Computing on October 3-5, 2018 at Bangalore, India. For any clarification please visit <https://www.ieee.org/>

14. Indian Institution of Bridge Engineers (DSC) (IIBE (DSC))

IIBE(DSC) in association with Border Roads Organisation (BRO) is organising a Seminar on 'Planning, Design and Construction of Long Span Bridges' on 1st and 2nd November, 2018, at Manekshaw Centre, Delhi Cantt., New Delhi. More details from Shri Anil Kumar, Chief Engineer, Honorary Secretary, IIBE DSC, Tel:-011-25686859. Email:- iibe_dsc1@yahoo.co.in.

15. Aeronautical Society of India (AeSI)

AeSI Kanyakumari Branch proudly announces its first National Conference ASPIRE 2018 on the theme "Emerging Trends in Engineering and Technology for Aerospace Applications" on October 12th & 13th of 2018 at Rohini College of Engineering and Technology, Kanyakumari District in association with ISRO Propulsion Complex, Mahendragiri. For further details please visit <http://www.aerosocietyindia.in/>

16. Broadcast Engineering Society (India) (BES)

BES is organizing its 25th International Conference & Exhibition on 'Terrestrial and Satellite Broadcasting' on January 17-19, 2019 at Pragati Maidan, New Delhi. For further details please visit <https://www.besindia.co.in/>

17. Indian Concrete Institute (ICI)

Indian Concrete Institute is conducting a short term course on "Bridge Design and Construction" on October 11-12, 2018 at Chennai. For further details

please write to Indian Concrete Institute at ici4@airtelmail.in or contact on phone : 044-24792602, 24795148, 42115996. Mobile : 9894028542.

18. Indian Institute of Metals (IIM)

Mr. S. N. Laha, Member of the Indian Institute of Metals & Life Member of the Indian Ceramic Society received Sardar Pratap Singh Memorial Award from the Indian Ceramic Society, Western UP Chapter on 4th August 2018. ECI and its family congratulate Mr Laha for this honour.

The Indian Institute of Metals (IIM), Kolkata Chapter, CSIR- Central Glass & Ceramic Research Institute (CSIR-CGCRI) & Millennium Institute of Energy & Environment Management (MIEEM) successfully organised a National Seminar on "Waste Management in Metallurgical Industries: Effective Industry Practices & Research Initiatives" on 3 and 4 August, 2018 at Meghnad Saha Auditorium of CSIR-CGCRI at Jadavpur, Kolkata.

IIM Nagpur Chapter organised the Metallurgical & Materials Engineering Students' Symposium'18 during 7th-9th September, 2018 in association with Department of Metallurgical & Materials Engineering, Visheshvariya National Institute of Technology (VNIT) Nagpur.

Under the auspices of IIM - Kolkata Chapter, to select teams for Prof. Brahm Prakash Memorial Materials Quiz - 2018, the Materials Quiz among Kolkata schools were held on August 11, 2018 at Jadavpur University, Department of Metallurgical and Material Engineering Auditorium. Teams from Birla High School & Ramakrishna Mission Vidyalaya, Narendrapur stood 1st & 2nd respectively and they shall participate in the final Quiz competition to be held at Kalpakkam on 6th October, 2018.

International Conference on Advanced Materials and Manufacturing Processes for Strategic Sectors (ICAMPS 2018) is being organized by IIM Trivandrum Chapter at Thiruvananthapuram, Kerala from October 25-27, 2018.

56th National Metallurgists' Day (Under the aegis of Ministry of Steel, Government of India) and 72nd Annual Technical Meeting of IIM, is being organized by IIM Jamshedpur, Kolkata, Kharagpur Chapters and Tata Steel at Hotel JW Marriot, Kolkata from November 14-16, 2018.

For further information please visit <http://www.iim-india.net/>.

19. Indian Society of Agricultural Engineers (ISAE)

The American Society of Agricultural is organizing its 53rd Annual Convention and International Symposium on Engineering Technologies for Precision and Climate Smart Agriculture on January 28-30, 2019 at BHU, Varanasi, UP. For further details please visit www.isae.in.

20. Indian Institute of Industrial Engineering (IIIE)

IIIE is organizing a National Convention and International Conference on it's Diamond Jubilee on September 27 - 29, 2018 at Bhubaneswar, Odisha. For further details please visit www.icieind.in.

IIIE is organizing a International Conference HWWE-2018 on Technology Enabled Workplace Design on December 14-16, 2018 at Thiruvanthapuram. For further details please visit <http://www.hwwe2018.cet.ac.in>.

21. Institution of Marine Engineers (IME)

The Institute of Marine Engineers (India) conferred the HS Rao Memorial Award for the Best Technical Paper of the year 2017-2018 on Mr A.K.Ramanujan for his paper titled- "The Capsizing of a Bulk Carrier Carrying Iron or Nickle Ore" published in December 2017.

IME is organizing a few short term courses in October, November & December 2018. For details please visit http://imare.in/news/courses_october-2018.aspx

IME is organizing an International Maritime Conference & Exhibition (INMARCO-2018) on Maritime Sector-Charting New Course on November 01-03, 2018 at Mumbai. For further details please visit www.inmarco.in

ENGINEERING COUNCIL OF INDIA

1304, Hemkunt Chamber, 89, Nehru Place, New Delhi-110019 • Tel. : +91-11-41783281, 41783282, 26283281 • Fax : 26283282
E-mail : eci@ecindia.org, dir@ecindia.org Website: www.ecindia.org

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