



The Indian Engineer

NEWSLETTER OF THE ENGINEERING COUNCIL OF INDIA

Volume : 11 - Issue : 1

March, 2017

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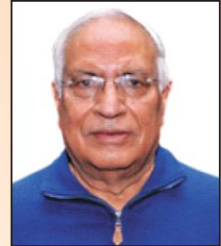
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Shri Girish Sahni
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Shri B.R. Jain
Director

Message from the Chairman

After the National Conference, the next major event of ECI is the Foundation Day celebration which is normally held on April 4. This year it has been shifted to April 5 as April 4 is a public holiday on account of Ram Navmi. Eminent Engineers' Awards in 2 categories- Industry and Research & Consultancy are presented on this day. The high level Jury consisting of Dr. Kirit Parikh (Chairman), Dr. R. A. Mashelkar, Mr. B. Muthuraman, Mr. Mahendra Raj, Dr. Baldev Raj and Dr. D. V. Kapur has selected: Prof M. M. Sharma- Former Emeritus Professor of Eminence, Institute of Chemical Technology, Mumbai and Chairman, Board of Governors, IIT, Madras, in the Research & Consultancy Category and Mr. S. Ramadorai-Former CEO, TCS and Chairman, Skill Development Authority of India, in the Industry Category. The Awards will be presented by Dr. Justice Arijit Pasayat (Retd. Judge of Supreme Court of India and Vice Chairman, SIT)



Following an Order dated 14th February 2017 by the Hon'ble Supreme Court, recently the Council of Architecture has issued a Public Notice- extracts given below:

Further, the Hon'ble Supreme Court of India held that "While we find no reason to interfere with the impugned judgment and order dated 29th November, 2004 passed by the Bombay High Court in Writ Petition No. 1830 of 1988 and connected matters, we are of the view that the High Court was in error in rejecting the contention of the appellant that practice under the Architects Act, 1972 is not restricted only to the architects, it is not correct to say that anyone can practice as an architect even if he is not registered under the Architects Act, 1972". A copy of the above order is available at Council's website.

Our three member associations- Association of Consulting Civil Engineers (India), Consulting Engineers Association of India and Indian Association of Structural Engineers are examining the implications of this development for engineers and identifying the action to be taken.

The Registration of Professional Engineers by ECI jointly with the Member Associations (MAs) is making continuous progress. The maximum numbers of registrants are 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 Indian states. Also, the registration process needs to be accelerated. For this MAs have an important role to play. I would request them to inform and encourage all their members 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). MAs can develop and organise CPDs themselves or through other institutions and enable PEs to earn credit points for CPD through them. For all these activities, MAs should not only establish National Committees but also fully activate them. ECI will provide all information and help.

(Uddesh Kohli)

From the Editor's Desk



Importance of manufacturing sector in India's economic growth

The Indian Economy can be divided into three basic sectors, 1) Agriculture, 2) Service 3) Manufacturing.

The structural transformation of the Indian economy over the last three decades has been spectacular growth of the services sector, which now accounts for about 50 per cent of the GDP. However, the rapid growth of the services sector much before the manufacturing industry attaining maturity is not a healthy sign. The IT industry in India, which grew by as much as 30% up till 7-8 years back, has slowed down to a less than 10% growth rate at present. The demand for qualified professionals in the field has understandably gone down too. Further due to the uncertain scenario in US regarding the visas for the IT professionals, major IT companies are not only reducing the intake but also thinking of pruning their work force. The employment scenario in the country is bleak what with the IT sector, including the startups - a key sector in the jobs market - letting go off employees in large numbers. Cognizant Technologies is the latest in a long line of IT majors that is looking at giving pink slips to nearly 6,000 employees primarily for not meeting performance benchmarks.

While dismissal after performance appraisal is routine, what is compounding the problem is that these companies are not hiring in en masse from campuses as they used to earlier. According to a report in the Business Standard, IT companies are expected to hire 40 percent less this year. The top five IT services companies – TCS, Infosys, Wipro, Cognizant and HCL Technologies – hired around 60,000 engineers from campuses this fiscal, as against little more than 100,000 last year. The reason for the reduction in recruitment at the entry level is automation and technological advances that have rendered the lower level jobs in the sector redundant.

A knowledge -based economy cannot be sustained in the long run unless it is adequately supported by a growing manufacturing economy. Moreover, a service economy cannot continue to thrive on a long-term basis in a country where over 80 per cent of the population is educated below the middle-school level.

India is blessed with a very large market, second only to China. Its middle class is larger than an average European country population. Because of the globalization, more and more Indians are becoming alive to the modern comforts, hence their combined purchasing power is a very lucrative commodity for any industry or for any country.

Today Indian markets are flooded with imported goods. 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.

Indian Industry

All of the Industrialized Economies in the world, without any exception, basically have reached that stage purely on the strength of their own Research and Development, their own entrepreneurs and own industry. USA excels in innovations, Europe, particularly Germany, for Engineering acumen, Japan/ Korea in applications and China for its manufacturing prowess. The rest of the world, including India, are markets for their produce. If India wants to become an industrialized nation, then it has to gear up on all fronts, be it education, research and development, Industry, Government or Financial Institutions.

Our doctors today are comparable to the best in the world. They are aware of the latest diseases, their medicines, the latest diagnostics tools etc. Because of this, patients from even industrialized world come for treatment in India. This they have been able to achieve only by their efforts to be aware of the latest developments and keep regularly upgrading their skills and knowledge. Why can't the engineering fraternity also do that?

If India wants to rise and become an advanced economy, it has to have its own industrial base and might. To reach that stage, one of the main criteria is that its engineers should be well versed in the latest skills and technological developments. They should be able to churn products not produced anywhere else. To achieve that status, the only solution is that which is being professed by ECI and its member associations.

(B.R. Jain)

IMPORTANT NOTICE

The 8th Executive Development Programme on “Project Management for Engineers” of ECI, which was scheduled to be held from April 17, 2017 to April 21, 2017 stands postponed due to unavoidable circumstances. Now, the same programme will be held from the July 24, 2017 to July 28, 2017 at the same venue. Other details remain the same.

Distinguished Engineer Lieutenant General Suresh Sharma, AVSM Engineer-in-Chief

Lieutenant General Suresh Sharma assumed the appointment of Engineer-in-Chief of the Indian Army from 01 February 2017.

Commissioned into the Corps of Engineers from the Indian Military Academy, he has attended prestigious courses at tri-services institutions like the Defence Service Staff College, College of Defence Management and National Defence College. He holds Bachelors' Degree in Electrical Engineering, Masters in Defence Studies, Masters in Management Studies and M.Phil in Defence and Strategic studies.

'The General Officer commanded an Engineer Regiment during 'OPERATION PARAKRAM' and has held key operational logistics appointments in an Infantry Brigade along the Line of Control and an Infantry Division & Strike Corps in the South Western theatre. He was assigned to the United Nations as an Advisor and served as Chief Operations Officer of the Mission in Bosnia & Herzegovina. Within the Corps, the General Officer has commanded the Bengal Engineer Group and Centre-a premier training institution and tenanted the



appointments of Chief Engineer (Indian Navy & Coast Guards) Mumbai Zone, Chief Engineer South Western Command and Director General Combat Engineers at the Army HQ.

Prior to taking over as the Engineer-in-Chief, he served as the 24th Director General of the Border Roads Organisation (DGBR), where he provided strategic direction with a renewed impetus to 18 projects across 13 Indian states and two foreign countries. During his tenure as the DGBR, multiple initiatives were taken to keep up with the overall strategic vision of the country. Dynamism and energy in the organization is evident and the last working season has shown a shift in thought, approach and delivery. Today, the BRO is a vibrant, effective and responsive government agency that stands tall in the pursuit of its vision

On 26 January 2016, the General Officer was awarded the Ati Vishisht Seva Medal (AVSM) by the President of India. In his capacity as Engineer-in-Chief, in addition to steering the Corps of Engineers, he is the Principal Advisor to Chiefs of Army, Navy, Air Force and the Ministry of Defence on all matters pertaining to engineer works services as the head of Military Engineering Services (MES).

Distinguished Engineer Shri Y.K. Taly

Shri Y. K. Taly is a Distinguished Scientist/Engineer and Chairman of BARC Safety Council (BSC). He is one of the key persons responsible for nuclear and radiation safety in India, for both BARC and Defence Facilities. In addition to chairing BSC, he serves as a Member of many safety committees, including Safety Review Committee for Operating Plants (SARCOP) of AERB. He is also Co-Chairman of RAC, DRDO. Also, he has been associated with many strategic projects of national importance and developed different special purpose equipment/systems for different strategic applications. Shri Y.K. Taly has made significant contributions towards India's nuclear programme with respect to power production, research and strategic activities.

He has pioneered the technology of Reactor Control Mechanisms (RCM) for Research, Power and Special Purpose Reactors. He has developed fifteen designs of mechanisms for Safety, Control and Control cum Safety functions of Nuclear Reactor. Under his leadership, mechanisms for DHURVA Research Reactor at Trombay, NARORA Power Plant Pressurized Heavy Water Reactor (PHWR), Prototype Test Plant for Compact Light Water Reactor (LWR), P4 Critical Facility at Trombay for Hot and Cold core calibration of Compact LWR, BPR critical facility at Trombay for Burnable Poison Rod Calibration for Compact LWR, INS ARIHANT (First Nuclear Submarine) at Ship Building Center (SBC) Vishakhapatnam, Reactors for which he has designed and supplied mechanisms are commissioned and working successfully till date. The series of production of ARIHANT and NAPP type reactors are going on successfully.



He has also envisioned a Reactor Component & Mechanism Qualification Centre, Vizag which would be used for design validation of propulsion reactor. His major contributions in manufacturing and automation area include supply of remote handling tools for radiation facilities. He has designed rack and pinion, ball screw, gear train, ball bearings and unidirectional clutch to work in reactor high temperature water environment, canned stepper motor and electromagnetic clutch, solenoids, different types of discrete and continuous position feedback sensors for RCM and for non-DAE institutions in India and abroad, such as In-line Pipe Inspection Gauge for IOCL; Special Magnets for ITER, France; and Cryo-Module Test Stand (CMTS) for Fermilab, USA. In addition to nuclear energy, he has contributed for harnessing solar energy via solar thermal route. Using an array of line focusing reflectors and overhead line, the cavity receiver could deliver water at 360°C.

Shri Y.K. Taly is a Mechanical Engineer from University of Jodhpur, Rajasthan. He joined 22nd Batch of BARC Training School in the year 1978 and completed post-graduation course in Nuclear Engineering. Shri Taly has assumed many important portfolios in BARC.

Award & Achievement

Recipient of 'Special Contribution Award in Pokharan 98, b) DAE Excellency in Science Engineering & Technology-Group Achievement Award- as member twice in 2010, and once in 2006, 2007 and 2012 for activities associated with the atomic reactors, and c) DAE Excellency in Science Engineering & Technology Group Achievement Award as Group Leader for the Year 2015.

News from the Member Associations

a) Association of Consulting Civil Engineers (India)

- 1) Build Expo 2017 (Construction and Interior Fair) on 25th and 26th March, 2017 at Revenue Gardens, Opp. Collectorate, Karimnagar.
- 2) ACCE(I) honors Individuals and/or Organizations, for achieving excellence in various domains of Civil Engineering by presenting the Annual ACCE(I) Awards. These awards have been instituted by esteemed Individuals and Organizations in collaboration with ACCE (I). These awards are presented during Foundation Day Celebrations of ACCE (I) every year. Nominations are invited for the various ACCE (I) Awards. Details available at www.acce.in.

Schedule of Events:

SL. EVENT No.		Date of reckoning
1	Last date for receipt of nomination forms duly filled	31.01.2017
2	Evaluation of nominations by duly constituted Jury, on or before	28.02.2017
3	Last date for Dispatch of letters indicating acceptance of nominations	15.03.2017
4	Awards Function (Tentative)	April 2017

- 3) RACE-7, Recent Advances in Civil Engineering, Seminar on 'Trend Setting Structures' was held at Mysore on 20th and 21st Jan, 2016, Please contact : raceaccemys@gmail.com for details.

b) Consulting Engineers Association of India

- 1) ***Seminar on "Aspects of Consulting Profession in Architectural and Civil Engineering"***

A **one-day seminar** was organised by Institution of Engineers India (IEI) and Consulting Engineers Association of India (CEAI) under the aegis of ARDB of IEI. The seminar was sponsored by CEG Ltd., Jaipur on 11th February 2017 at CEG Tower, Malviya Nagar Industrial area, Jaipur. Details from <https://ceai.org.in/>.

- 2) ***CEAI National Awards for Young Engineers 2016 - Award Ceremony and Celebration of Women Engineers Day:-*** CEAI designated the year 2016 as 'Young Engineers Year' and the following categories of awards for Young Engineers, were given away by the Chief Guest Shri R.K. Mathur CIC, Government of India.

(i) ***Innovation in Design Engineering*** : Mr. Jigesh N Bhavsar of ICT Pvt Ltd.

(ii) ***Innovation in Project Engineering*** : Mr. Manoj Kumar Murlidharan of Tata Consulting Engineers Ltd

(iii) ***Sherpa Award*** : Mr. Jitendra Kumar Singh of Tata Consulting Engineers.

- 3) CEAI is organising the ***Seminar on "Ports & Industrial Corridors"*** on April 7, 2017 at India International Centre, New Delhi. The seminar comprises an inaugural and three technical Sessions relating to Ports, Connectivity & Logistics and Port based SEZs, Industrial growth centres, etc.

c) Construction Industry Development Council

- 1) ***January 2017***

CIDC has initiated the process of Invitation to join as Partner Institution across the nation. Several applications had been received against the invitation and have been evaluated and action initiated with them.

- 2) ***9th CIDC Vishwakarma Awards 2017***

New Delhi, 7th March, 2017 : The 9th CIDC Vishwakarma awards were held at a glittering ceremony on 7th March 2017 at Stein Auditorium, India Habitat Center, New Delhi.



The CIDC Vishwakarma awards are inspired by the spirit of construction and creation patronized by Lord Vishwakarma the ruling deity of the Construction practices in India. Each year, this event is hosted on 7th of March by CIDC, the apex body that's dedicated to work relentlessly towards promoting best practices within the Indian Construction Industry.

The objective of the awards are to recognize and honor the valuable contributions and work of Indian Construction Fraternity that has significantly enriched the construction domain and has helped bring about a change in our construction practices.

Attended by over 1100 people this year, the 9th edition of the awards saw enthusiastic participation in 16 categories. the impact created by the awards is evident in the testimony



of organizations which have taken active steps on the recommendations of the visiting evaluators to raise their performance bars and inculcate best practices in their process. The maximum traction for this year also remained in HSE & Best Projects categories. The prime objective of motivating individuals the organizations to raise their performance in their specific domain leading to significant contribution for the growth & development of the Indian Construction Industry remains the driving force behind the success of the awards.

The Chief Guest for the ceremony Hon'ble Dr. Justice Arijit Pasayat, Judge, Supreme Court of India (Retd.), Vice Chairman, SIT Black Money, for the 9th CIDC Vishwakarma Awards, lauded the efforts of CIDC for its role towards improvement & betterment of the Construction Industry. He made a special mention of CIDC's efforts for training of grass root construction workers and for its encouragement to small construction companies and individual entrepreneurial firms and focusing on skill development.



In line with tradition of honoring our Construction Industry Captains who have made significant contribution to the construction domain, this year, Shri Harish Chandra, Former Director General (Works), CPWD & Late Er. P. T. Mase, Founder Partner, M/s. P. T. Mase & Associates were posthumously awarded the **Special Jury Award for Life Time Achievement**.

The swath of the awards now extends from Kashmir to Kanyakumari and Gujarat to Arunachal. As the year pass by, CIDC Vishwakarma Awards have donned



the mantle of a change agent. The aspirational quotient of the Award lures the best projects and companies in the domain to partake in the 10 -month process from announcement of the awards to its closure and successful conduct of the ceremony. The participation of companies from far flung places and some small and medium sized enterprises that are doing good work in remote areas was very evident this year. The process of due diligence for the awards, indeed a robust one never deterred the enthusiasm of the awardees who are always eager to imbibe the suggestions of evaluators for continual improvement great importance for follow-up visits to guide the awardees on a path of constant excellence.

To further broad base the awards, the Jury this year decided to award certificates to all project partners in the Best Project category. This has been well appreciated by the entire fraternity. Emphasizing the need for greater interaction between the man and machine to arrive at the optimum throughput the evaluation process lays. The striking feature of the awards is the unravelling of this attribute. It aims to have an open, cooperative dialogue between the assessed and the assessor, the gaps are identified and brought to the fore and feedback provided to the

applicant. All applicants have signed an Undertaking and also submitted their corresponding business plans to help bridge their respective gaps. CIDC has also undertaken to handhold and provide support whenever and wherever it is needed to take the industry to the next level.

This year, a total of **251 awardees** were chosen and distributed **49 trophies, 70 medals and 34 certificates** in Sixteen prime categories such as Achievement Award for



Industry Doyen, Achievement Award for Social Development & Impact, Achievement Award for Public Officer, Achievement Award for Scientist, Academician, Technologist, Innovator, Best Professionally Managed Company, Achievement Award for Best Construction Projects, Achievement Award for Artisans & Supervisors, Achievement Award for Best HR Practitioners, Achievement Award for Construction Health, Safety & Environment, Achievement Award for Construction Skill Development, Achievement Award for Best Maintained Structures, Achievement Award for Best Pre-Engineered Building, & Achievement Award for Best Archived Projects. Two categories were reintroduced this year Achievement Award for Construction Education & Achievement Award for Best News Coverage of Construction Industry. One new category was included this year Achievement Award for Best Venture Capitalist / Insurer / Risk Manager Achievement.



Women's participation is always encouraged and the awardees this year included: Dr. P. Asha, Professor, Department of Civil Engineering, St. Peter's

University & Mrs. Minal V. Dehadrai, Director, Aquades Structural Consultants (P) Ltd. & Mrs. Reena Cherwoo, Sr. Manager (HR), Simplex Infrastructures Limited.

The uniqueness of the CIDC Vishwakarma Awards is reflected in its recognition of contributions made by individuals such as grass root construction workers, artisans who



often belong to marginalized sections and economically and socially weaker sections of the society. As per our tradition of awarding our unsung heroes, the artisans & supervisors, who work tirelessly to create the wonderful assets that benefit the entire nation, this year, a total of **13 Artisans and 11 Supervisors** were awarded with commemorative trophy, Medal and Certificate in various trades. Belonging to they were full of enthusiasm and

participated in the ceremony with their families. Their spirit and grit is always applauded by the awards.

This year a total of **28 CIDC Partners in Progress Trophies** were also given away as a token of appreciation to honor organizations that have been CIDC's



partners in progress and who have displayed their utmost commitment and drive to create a vibrant work environment for the construction fraternity especially for achieving targets of "Mission Skilling India". Their efforts were applauded and the spirit and support extended to CIDC for facilitating initiatives for growth and empowerment of our unsung heroes - the grass root construction workers encouraged.

Construction Industry Development Council (CIDC), the apex body set up by the Planning Commission & the Construction Industry recognizes the role of a national award for motivation and improved performance of Individual Workers, Artisans, Field Supervisors, Project Owners, Project Implementers and has conceived the CIDC Vishwakarma Awards as an award of Excellence.

Contact Details:

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d) The Institution of Electronics and Telecommunication Engineers

- 1) IETE South Zone organized Tech Fest-2017 (Z-Seminar), on theme - 'Digital India' **on 17 & 18 FEB 2017 at Kongu Engineering College, Perundurai, Erode-TN. (India).** Details on website of IETE www.iete.org.
- 2) National Conference on theme - "Information Communication & Intelligent Systems" on **3 & 4 March 2017 at Sree Narayana Gurukulam College of Engineering, Kadayiruppu, P.O. Kolenchery.** Details on website of IETE www.iete.org.
- 3) 48th IETE Mts, on Theme - "**The Internet of Everything (IOET -2017)**" on **8 & 9 April 2017 at PSIT, Kanpur-Delhi National Highway-2, Bhauti, Kanpur (U.P) India.** Details on website of IETE www.iete.org.
- 4) The IEEE Microwave Theory and Techniques Society (MTT-S) with technical co-sponsorship from IEEE AP/MTT Joint Chapter, Ahmedabad, India announces the 2017 IEEE MTT-S International Microwave and RF Conference (IMaRC) to be held

during December 11-13, 2017 in Ahmedabad, India. Details from <http://imarc-ieee.org/>

- 5) IEEE MTT-S International Microwave and RF Conference (IMaRC) December 11-13, 2017, Hyatt Regency, Ahmedabad, India. Details from www.iete.org.
- e) Indian Society for Trenchless Technology**
- 1) **NO DIG INDIA SHOW 2016**, International Conference & Exhibition on "Government Missions & Trenchless Technology" was organized by Indian Society for Trenchless Technology (IndSTT) at India Habitat Centre, New Delhi on 8th and 9th December, 2016. Sessions on various tracks dealing different aspects of Trenchless Engineering were held along with the equipment / machinery / product display and their live demonstrations. The workshop drew a wide array of participants from the public, private, business and civil society sectors in India and abroad.
- f) Computer Society of India**
- 1) **International conference on Data Engineering and Applications - 2017 [IDEA-17]** was held at Bhopal [M.P], on February 11-12, 2017. For details contact: conferenceidea@gmail.com.
 - 2) March 24-25, 2017- 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, www.cicba-2017.in
 - 3) April 15-16, 2017- 1st International Conference on Smart Systems, Innovations & Computing [SSIIC - 2017] at Manipal University Jaipur, Jaipur Rajasthan <http://www.ssic2017.com>, Contact : Mr. Ankit Mundra, Mob. 9667604115, ankit.mundra@jaipur.manipal.edu
 - 4) May 08-10, 2017- ICSE 2017 - International Conference on Soft Computing in Engineering, Organized by : JECRC, Jaipur, www.icse2017.com, Contact : Prof. K. S. Raghuvanshi, hod.it@jecrc.ac.in, Mobile No. 9479772915.
 - 5) June 05-30, 2017- Workshop on LAMP [Linux, Apache, My SQL, Perl/Python], Jaypee University of Engineering and Technology, Raghugarh, Guna - MP. www.juet.ac.in Dr. Shishir Kumar [dr.shishir@yahoo.com] 9479772915.
 - 6) October 28-29, 2017- International Conference on Data Engineering and Applications - 2017 [IDEA-17] at Bhopal [M.P]. <http://www.ideaconference.in> Contact : conferenceidea@gmail.com.
 - 7) December 21-23, 2017- Fourth International Conference on Image Information Processing [ICIIP-2017], at Jaypee University of Information Technology [JUIT], Solan, India, [http://www.juit.ac.in/iciip_2017/] Contact : Dr. P. K. Gupta [pkgupta@ieee.org] [o] +91-1792-239341 Prof. Vipin Tyagi [dr.vipin.tyagi@gmail.com]

g) Indian Concrete Institute

- 1) Emerging Materials and methods in Emerging Materials and methods in Concrete Construction, Date: 29 April 2017, Venue: Green Park Hotel, Arcot Road, Vadapalani, Chennai. For more details please contact : Mr. R. Radhakrishnan, Secretary General, Indian Concrete Institute, "Ocean Crest", 79, Third Main Road, Gandhi Nagar, Adyar, Chennai - 600020. Phone : +91-44-24912602, Fax : +91-44-24455148, E-mail : ici4@airtelmail.in

h) Indian Geotechnical Society

- 1) The Department of Civil Engineering, Vignan university, Vadlami, Guntur has conducted a one-day National Seminar on "**Geotechnical Investigations (NSGI-2017)**" in collaboration with the **Indian Geotechnical Society (IGS - Guntur Chapter)** on **18.02.2017**. The seminar consisted of four sessions, which were handled by experts from industry, academia and research. The chief guest and the guest of honor of the function were respectively, Er. G. Jayaraju, the Superintendent Engineer at Panchayat Raj, Guntur (Chairman, IGS - Guntur Chapter) and Dr. M. Rama Rao, Professor of Civil Engineering, RVR&JCCE (Secretary, IGS - Guntur Chapter).
- 2) IGS Roorkee Chapter in association with Department of Civil Engineering, IIT Roorkee has organized a National Conference "Numerical Methods in Geomechanics" CoNMiG-2017 in the honor of Prof. M. N. Viladkar during March 3-4, 2017. Prof. Viladkar was felicitated during the conference for his outstanding contributions in the area of Static & Dynamic Structure-Foundation Interaction, Rock Mechanics & Rock Engineering, Numerical Methods in Geo-mechanics and Computational Nonlinear Mechanics.
- 3) The Sixth Indian Young Geotechnical Engineers Conference 2017 (6IYGEC 2017) was successfully completed at NIT Trichy during 10th - 11th March 2017. The two-day conference was organized by Indian Geotechnical Society, Trichy chapter in association with National Institute of Technology Tiruchirappalli (NITT). This conference was organized with an aim of uplifting the capacity of the young engineers through knowledge sharing.

i) Indian Institute of Chemical Engineers

- 1) CHEMCON - 2017 will be organized by Haldia Regional Centre of IICChE, jointly with the Department of Chemical Engineering, Haldia Institute of Technology, during 27 - 30th December 2017, on the theme "Versatility of Chemical Engineering in Solving Major Problems of Modern Society". For details, please visit www.Chemcon2017.com.
- 2) SCHEMCON 2017 will be organized by the Department of Chemical Engineering, National Institute of Technology, Rourkela under the aegis of the Rourkela Regional Centre, IICChE, during 7 - 8 October, 2017 on the theme "Emerging Technological Advancement in Chemical Engineering". For details, please visit www.schemcon2017.nitrkl.ac.in.

j) Mining Engineers Association of India

- 1) **MEAI RAJASTHAN CHAPTER UDAIPUR** : A technical talk on "Employment opportunities, Business Environment and development, of industries in Indian context" was held on 30th January 2017 at Mining Engineering Dept. CTAE, Udaipur by Sri Om Agrawal, Industrialist, Udaipur.
- 2) **MEAI RAJASTHAN CHAPTER UDAIPUR** : Organized a technical talk on Water Pollution - Types, Causes, Consequence and Remedies on 27.02.2017 in the Conference Hall, Dept. of Mining, CTAE, Udaipur.
- 3) **MEAI TAMIL NADU CHAPTER** : Organized a two-day National Seminar "Mining - Decade Ahead" in association with NLC at Kodaikanal on 24th - 25th February 2017. About 150 delegates participated in the seminar.
- 4) **NOMINATIONS FOR MEAI AWARDS 2016** : The Mining Engineers' Association of India presents awards sponsored by the Industry/Individuals to the selected individuals during Annual General Meeting every year. Nominations for the awards to be presented are invited in the prescribed form, so as to reach the Secretary General by 30th April 2017. Nomination will be allowed for one award only in a year. For Details Contact: Secretary General, Mining Engineers' Association of India, Office, 040-66339625, 23200510 & 29801069, Mob. 09298759625 & E-mail : meai1957@gmail.com, Website: www.meai.org.
- 5) All India Mine Surveyors' Meet, Mining Engineers' Association of India on 12-13 May 2017, HYDERABAD, Venue: National Council for Cement and Building Materials, Mehdiatnam - Gachibowli Road, Hyderabad. For correspondence and further details contact, Organizing Secretary / Secretary General, MEAI office : F-608 & 609, VI Floor, 'A' Block, Raghava Ratna Towers, Chirag-Ali-Lane, Abids, Hyderabad - 500001, Telangana, Office: 040-29801069, 66339625 & 23200510, Mob: 09298759625, E-mail : meai1957@gmail.com, www.meai.org
- 6) Minefest India 2017 - National Symposium on Mining Decade Ahead organized by **MEAI** - Tamil Nadu chapter on 24th - 25th February 2017 at Kodaikanal. Inaugural by Chief Guest Shri. A.K. Megharaj, DDGMS, South Zone.
- 7) International Seminar on Management of Mines Waste with Value Addition on 9-11 June 2017 at GMDC Auditorium Ahmedabad.

- i. Use of Solid Waste
- ii. Utilization of Fluid Waste / Mine Drainage.

For further details visit : www.meaihd.com or Contact: Mr. Pulak Mathur Organizing Secretary, Phone Nos. 9727792726, Email: meaihdic2017@gmail.com

k) The Institute of Electrical and Electronics Engineers. Inc.

IEEE INDICON 2017, December 15 @ 8:00 am - December 17 @ 7:00 pm, IIT Roorkee, Roorkee, Uttarakhand 247667 India, IEEE INDICON 2017

Conference will be held at IIT Roorkee from 15th to 17th December 2017. This edition of indicon is organized by IEEE UP Section. For more details visit <http://www.iitr.ac.in/indicon2017/>.

l) The Institute of Marine Engineers (India)

Registration is open for the following DGS approved courses :

- i) MEO Cl. I (FG) 2 months course commencing on 15th May 2017 and will be followed by Diesel Engine Gas combustion Simulator course in the same premises.
- ii) MEO CLASS III (NCV_CEO) UPTO 3000kW - STCW 2010- 2months course - 15th May 2017.
- iii) MEO Cl. III (NCV_SEO) Part-A - STCW 2010 - 2months course - 1st Apr.2017/ 1st June 2017
- iv) MEO Cl. III (NCV_SEO) Part-B - STCW 2010 - 4months course - 1st May 2017/ 1st July 2017
- v) Refresher & Up gradation Course for Engineer Officers commencing on 14th March 2017
- vi) MEO CL. II (FG) - 4 months Prep. Course commencing on 1st Sept. 2017/ 1st Oct.2017/ 1st Nov.2017/ 1st Dec.2017
- vii) MEO CL. IV (NCV) 4 months Course Commencing on 1st Apr.2017/ 1st June 2017
- viii) Security Training for Seafarers with Designated Security Duties - On request
- ix) Ship Security Officer Course - On request
- x) MEO Cl. IV(FG) non mandatory course (2months duration) - On request
- xi) 2 weeks Induction course for Naval candidates - on request

For enquiries contact on 022-27711663 between 1400 - 1700 hrs.

m) Indian Society of Technical Education

46th ISTE National Annual Convention & National Conference at Gulzar Group of Institutes, Khanna, Ludhiana (Punjab) was held on 10th,11th & 12th February, 2017. The theme of Conference was 'Intelligent Technologies for Better Tomorrow'. Details from Er. Kanwar J.S Gill, (Organising Secretary), Head (Department of Mechanical Engineering) & [Operation's Head (Technical)], Gulzar Group of Institutes, 34th Milestone, GT Road East, (Near Village Libra) Ludhiana-141401 (Punjab), T : +91 1628-521426, M : +91 9463002041, +91 9781982706, E-mail: kanwarjabar.singh@ggi.ac.in

n) Indian Institute of Metals

The 2017 IIM Honors & Awards will be presented on the occasion of 55th NMD-70th ATM to be held at BITS PILANI GOA. Nominations are invited for the Awards in the format enclosed for 2017 IIM Honors & Awards.

- i) Deadline for Nomination of Honorary Membership- 31st May 2017.
- ii) Deadline for Nominations of other Awards- 30th June 2017.

Details from www.iim-india.net.

o) Indian Society for Non-Destructive Testing

- 1) NDE Seminar 2016, Thiruvananthapuram, held on 15th, 16th and 17th December, 2016, at Al Saj Convention Centre-Thiruvananthapuram, Jointly Organised by ISNT Head Office and ISNT Thiruvananthapuram Chapter. Details from <http://www.isnt.org.in/events/>
- 2) NDE Seminar 2017 on 14th to 16th December, 2017, at Chennai Trade Centre, Nandambakkam, Chennai. Jointly Organised by ISNT Head Office and ISNT Chennai Chapter. Details at www.nde2017.com.

p) Broadcast Engineers Society (India)

BES EXPO 2017 23rd International Conference and Exhibition on Hybrid Technologies in Broadcasting - New Opportunities, 2-4 February 2017 at The Leela Ambience Convention Hotel, New Delhi. Details from <http://www.besindia.com>

q) Indian Institution of Industrial Engineering

IIIE National Essay Competition 2017-Organised by IIIE Jaipur Chapter on the Topic-Improvement in Productivity through Innovative Techniques. I) Deadline for Submission: 31st May, 2017, ii) Declaration of Results: 05th August, 2017. For more details please contact: Dr. Gunjan Soni, Mobile: 09549654559; jaipuriiie@gmail.com and gunjan.mnit@gmail.com.

r) The Indian Institution of Plant Engineers (IPE)

The Indian Institution of Plant Engineers (IPE)'s Delhi Haryana Chapter organized a Program on "Stress Management for Senior and Middle level Executives, at NTPC's Nalanda Hall at sector 16-A, Film City Noida.



Lt Gen (Retd) S S Apte, Patron IPE facilitated the program, which was sponsored by NTPC and NHPC. The program was adjudged as "Excellent" by all the participants. Standing ovation was given by the participants to Gen Apte at the end of the program.

The Institution is planning for organizing its 24th Advanced Management Program on most relevant title "Disaster Management for Industrial Plants" in the month of May 2017. This program will be facilitated by Prof N V C Menon, Founder Member, National Disaster Management Authority (NDMA), Govt of India.

ENGINEERING COUNCIL OF INDIA

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