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Volume 67

Number 7

Council Elects New President of IEI



Mr Sisir Kumar Banerjee, FIE, an alumnus of IEI has been elected as the President of The Institution of Engineers (India) for the Session 2017-2018, during the 698th Council Meeting of the Institution held on September 23, 2017 at Shimla. Mr Banerjee has been associated with the IEI Council for over a decade. He is an acclaimed Civil Engineer with specialization in Water Resources Investigation & Development. Mr Banerjee is also the Past Vice-President;

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Nepal Overseas Chapter of IEI inaugurated

The Institution of Engineers (India) established its sixth Overseas Chapter in Nepal which was inaugurated by Mr Navinchandra B. Vasoya, President, IEI. The Chief Guest on the occasion was Mr Bir Bahadur Balayar, Hon'ble Minister, Ministry of Physical Infrastructure and Transport (MoPIT), Government of Nepal. Mr Kulprasad S Sapkota and Mr Rameshwar Prasad are the founder Chairman and Honorary Secretary, respectively, of the Nepal Overseas Chapter of IEI. Presently, the Nepal Overseas Chapter of IEI is located in the premises of Nepal Engineers' Association (NEA), Kathmandu. The opening of IEI's Overseas Chapter in Nepal ushers in a new era of co-operation between engineering fraternities of both countries.



From the President's Desk.....



We feel proud to inform you that The Institution of Engineers (India) established its sixth Overseas Chapter in Nepal on September 10, 2017. At present, the Nepal Overseas Chapter of IEI will be located in the premises of Nepal Engineers' Association (NEA), Kathmandu. The opening of IEI's Overseas Chapter in Nepal ushers in a new era of co-operation between engineering fraternities of both the countries as a plethora of new opportunities will open for engineers at Nepal to participate in Seminars, Workshops, Technical Lectures and other related engineering activities in India, providing them with a larger professional exposure. It is hoped that this new initiative in the direction of Indo-Nepal Co-operation would benefit engineers from both the countries and members of IEI and the NEA as well.

I am also happy to inform you that Mr Sisir Kumar Banerjee, FIE, an alumnus of IEI has been elected as the President of The Institution of Engineers (India) for the Session 2017-2018, during the 698th Council Meeting of the Institution held on September 23, 2017 at Shimla. I am sure that Mr Banerjee, with his able guidance, will take IEI to greater heights.

In the month of September 2017, IEI launched a new webportal, developed in-house, with advanced features that will provide structured information and improved services to all our stakeholders.

I am glad to inform you that IEI has established its 121st Centre as Tumakuru Local Centre under the jurisdiction of Karnataka State Centre of the Institution on September 11, 2017.

The Institution of Engineers (India) is observing the World Habitat Day on 2nd October 2017 at its Centres all over the country on the theme "Housing Policies: Affordable Homes" and discussions will be held on the technological solutions to meet the challenge. Affordable housing refers to any housing that meets some form of affordability criterion, which could be income level of the family, size of the dwelling unit or affordability in terms of Equated Monthly Installment, size or ratio of house price to annual income. Therefore, there is a need to develop and adopt cost-effective technologies which can provide 'pucca' houses to people within their affordable limit. The Institution of Engineers (India) urges the engineering fraternity to utilize their wisdom and experience to come-up with innovative ideas of affordable housing which will be acceptable to common people.

Thirty-third National Convention of Mechanical Engineers, Udaipur

Advances in MEMS and Robotics in Manufacturing Industries

Udaipur Local Centre of the Institution organized the Thirty-third National Convention of Mechanical Engineers and National Seminar on the theme 'Advances in MEMS and Robotics in Manufacturing Industries' during September 01-02, 2017 at Udaipur. The Chief Guest, Dr M P Poonia, Hon'ble Vice Chairman, All India Council for Technical Education (AICTE), Ministry of Human Resource Development, Government of India, in his inaugural address, stressed on the significance of development of human resource which he mentioned as the most talented and valued strength of the country. He emphasized upon the duties and responsibilities of teaching fraternity including proper mentoring of the budding engineers with the objective for institution



building. Dr Poonia also highlighted various initiatives of AICTE for transforming higher education and to make the students industry oriented. He mentioned about the mandate of AICTE Act 1987, its contribution towards technical education and the gap between the availability of technical education and the expectations of the employers. He also explained the significance of SWAYAM platform for distance and lifelong education, Community Polytechniques, PMKVY schemes for vocational education etc. Dr Arun Kumar Shrivastava, Chairman, Mechanical Engineering Division Board, IEI, presided over the inaugural session. Dr Shrivastava, in his address, spoke about vast changing scenario of manufacturing industries and explained various aspects of micro electro mechanical systems (MEMS), robotics, smart & intelligent materials and their vast applications. On this occasion, three Eminent Engineers, namely, Dr Ravi Kant Jain, Principal Scientist, Surface and Field Robotics Group, CSIR, CMERI, Durgapur, West Bengal; Dr Govind Sharan Dangayach, Professor and

Head, Department of Mechanical Engineering, Malaviya National Institute of Technology (MNIT), Jaipur; and Prof (Dr) Awtar Narain Mathur, Former Dean, College of Technology and Engineering, Udaipur (in absentia) were felicitated for their valuable contributions in the field of Mechanical Engineering. The Dr S C Bhattacharyya Memorial Lecture was delivered by Dr Suhas S Joshi, Rahul Bajaj Chair Professor, Department of Mechanical Engineering, IIT Bombay, Mumbai on the topic 'Textured Surface for MEMS Applications'. Dr Joshi discussed various engineering applications of surface texturing which include surface wettability, friction reduction, drag reduction, anti biofouling and single cell biology. He lucidly explained different wetting states on textured surface, slippage characteristics at the liquid gas interface, wetting transition in textured microchannels etc. The Dr S P Luthra Memorial Lecture was delivered by Dr Rajat Bhagwat, Professor, Department of Mechanical Engineering, M B M Engineering College, Jai Narain Vyas University, Jodhpur on the topic 'Modeling of a Manufacturing System: An IT Perspective'. During his address,

Dr Bhagwat explained different aspects of information, decision and control systems, GRAI Macro Reference Model and function of a decision centre. The State-of-the-Art Lecture was presented by Dr Laltu Chandra, IIT Jodhpur on the topic 'Open Volumetric Air Receiver based Solar Convective Furnace: Some Challenges and Solutions'. He spoke about the opportunities, challenges and solutions of Concentrated Solar Thermal Technologies. He explained different aspects of solar irradiance, photovoltaic, basic design and classifications of concentrated solar thermal systems. The IEI Young Engineers Award for the session 2017-18 in the field of Mechanical Engineering Division was presented to Dr Akhileendra Pratap Singh, Research Engineer, Department of Mechanical Engineering, IIT

Kanpur; Dr M V A Raju Bahubalendruni, Assistant Professor, Department of Mechanical Engineering, GMR Institute of Technology, Rajam, Srikakulam, (in absentia) and Dr B B V L Deepak, Assistant Professor, Department of Industrial Design, NIT, Rourkela (in absentia). A Proceedings containing the technical papers presented during the technical sessions was released. Further, the second issue of Annual Technical Volume of Mechanical Engineering Division Board on the theme 'Emerging Technologies in Power Generating Systems' was also released on this occasion. Earlier, Mr M K Mathur, Chairman, Udaipur Local Centre, IEI welcomed the august gathering and Mr A S Choondwat, Organising Secretary, elaborated the theme of the National Seminar. Mr Arjit Nirvan, Convenor, also addressed the gathering. Mr A Prashant Sharma, Honorary Secretary, Udaipur Local Centre, proposed the vote of thanks. A large number of papers embracing the theme of the National Seminar were presented and discussed during the technical sessions.

Tumakuru Local Centre of IEI inaugurated

Mr T B Jayachandra, Hon'ble Minister of Law and Parliamentary Affairs, Government of Karnataka, inaugurated the Tumakuru Local Centre of IEI under the jurisdiction of Karnataka State Centre, on September 11, 2017 at the Birla Auditorium of Siddaganga Institute of Technology, Tumakuru. In his speech, Mr Jayachandra urged the Local Centre of IEI to pay heed towards creation of more job opportunities for the youth and contribute for the growth of urbanization in order to avoid people migrating towards cities in search of job. Dignitaries, namely, Mr K Jaiprakash, Managing Director of Visvesvaraya Jala Nigam Limited; Mr S Rafeeq Ahmed, MLA; Prof (Dr) N Chikkanna and Mr Jasmail Singh, Chairman and Honorary Secretary, respectively of Karnataka State Centre, addressed the gathering. The 'Warrant of Establishment' of Tumakuru Local Centre of IEI was handed over to the Chairman and Honorary



Secretary of Tumakuru Local Centre by Dr N Chikkanna and Mr Jasmail Singh. The Chairman and Honorary Secretary of the first Committee of Tumakuru Local Centre nominated by Karnataka State Centre are Dr D S Suresh and Prof U S Mallik, respectively.

Thirty-third National Convention of Civil Engineers, Ahmedabad

Recent Advances in Structural Engineering

Gujarat State Centre of the Institution in association with World Federation of Engineering Organisations (WFEO) - Engineering for Innovative Technologies (EIT) and Sardar Sarovar Narmada Nigam Ltd. (SSNNL) organized the Thirty-third National Convention of Civil Engineers and National Seminar on the theme 'Recent Advances in Structural Engineering' during September 2-3, 2017 at Ahmedabad. The Chief Guest, Prof Sudhir Jain, Director, IIT Gandhinagar, in his inaugural address focused on the



contribution of civil engineers for societal development. Prof Jain also highlighted the role of structural engineers in various inventions. The Guest-of-Honour, Mr Navinchandra B Vasoya, President, IEI, highlighted several issues on structural engineering implemented in various parts of the country. He also highlighted various activities performed by IEI for the society. The Special Guest, Mr S S Rathore, Past President, IEI

and Chairman & Managing Director, SSNNL, enlightened the audience regarding recent developments taking place on structural engineering in the nation. He further mentioned that in order to solve the problems, advanced technologies have been introduced from manufacturing industry with their concepts and methods to improve the quality and productivity, such as, prefabrication modularization, mechanization, automation and computerization. Mr H O Thakare, Chairman, Civil Engineering Division Board, IEI, presided over the function and highlighted various activities of this important division. The prestigious 'Prof Jai Krishna Memorial Lecture' was delivered by Mr Ashok Kumar Basa, Past President, IEI, on the topic, 'Evolution of Bridges'. Earlier, Prof Sudhir Jain delivered the State-of-the-Art Lecture on the topic 'Structural Safety in India'. Dr J N Shah, Director, Atmiya Group of Institution, Rajkot, delivered the Keynote Address on the topic 'Challenges Facing Civil Engineering Education & Profession'. On this occasion, four Eminent Engineering Personalities, namely, Prof S K Damle, former Professor, Applied Mechanics Department, M S University, Vadodara; Prof R K Gajjar, Principal, Vishwakarma Government Engineering College, Ahmedabad; Mr Ashok Katariya, Chairman, Ashoka Buildcon, Nashik and Mr V B Patel, former Chairman, Central Water Commission & Ex-Officio Secretary to the Govt. of India, New Delhi, were felicitated for their valuable contributions to the civil engineering profession. The 'IEI Young Engineers Award' in the field of civil engineering for the year 2017-18 was presented to Dr Amarnath Hegde, Assistant Professor, Department of Civil and Environmental Engineering, IIT Patna; Dr (Ms) A K Priya, Associate Professor, Department of Civil Engineering, KPR Institute of Engineering and Technology, Coimbatore; and Dr Manish Kumar Goyal, Assistant Professor, Department of Civil Engineering, IIT Guwahati. Earlier, Mr Sandeep B Vasava, Chairman of the Centre, welcomed the dignitaries and participants. He also highlighted various activities undertaken by his Centre. Mr H U Kalyani, Honorary Secretary of the Centre, proposed the vote of thanks. A large number of papers on various sub-themes were presented and discussed during technical sessions which evoked keen interest amongst the participants.

New Technical Guidelines 2015 of Mahatma Gandhi National Rural Employment (A Boon for Sustainable Rural Development - Make in India)

Kota Local Centre of the Institution in collaboration with National Institute of Rural Development and Panchayati Raj, Ministry of Rural Development, Government of India, Hyderabad, organized a two-day All India Seminar on the theme 'New Technical Guidelines 2015 of Mahatma Gandhi National Rural Employment' (A Boon for Sustainable Rural Development - Make in India) under the aegis of Agricultural Engineering Division, IEI during August 26-27, 2017 at Kota. The Chief Guest, Mr Rohit Gupta, District Collector, Kota and Divisional Commissioner, Kota, in his address, compared MGNREGA with other development scheme started in many other developed countries and appreciated work being done under this scheme. He emphasized on training and competencies of government engineers who are taking help of other consultants. 'The field executing engineers should work hard, so that, more benefits could be achieved from the scheme in a shorter period' added Mr Gupta. He also stressed that indigenous technology depending on the area specific should be developed for better sustainable rural development. The Keynote Speaker, Dr R K Singh, Regional Head, National Institute of Soil and Water Engineering, ICAR, Kota, highlighted the survey done by him on the impact of natural resource management under MGNREGs. He mentioned that results were encouraging and there was an increase in production from

10% to 73%. Similarly the water was also saved significantly. Dr Singh suggested that since MGNREGA has become an important Rural Development Scheme, it should be included in the courses of engineering. The Guest-of-Honour Prof N P Kaushik, Vice Chancellor, Rajasthan Technical University, Kota, mentioned that engineering graduates passing out from various colleges should be updated themselves about the recent technological developments taking place around the country and abroad. The other Guest-of-Honour, Dr K P Tripathi, former Chairman, Uttarakhand State

Centre, IEI, highlighted the potential developmental benefits achieved from MGNREGA scheme, viz. protection from hunger and poverty, enables to cross BPL, reduction of migration, women empowerment, creation of useful assets, economic security, etc. Earlier, Mr C K S Parmar, Chairman of the Centre, welcomed the distinguished guests and participants present on the occasion. Mr Jasamat Sing, Honorary Secretary of the Centre briefed about the Seminar.



Thirty-third National Convention of Chemical Engineers, Pune

Nanotechnology and Its Application for Sustainable Development in Chemical Industries

Pune Local Centre of the Institution in collaboration with the Department of Chemical Engineering, AISSMS College of Engineering, Pune organized the Thirty-third National Convention of Chemical Engineers and National Seminar on the theme 'Nanotechnology and Its Application for Sustainable Development in Chemical Industries' during September 9-10, 2017 at Pune. The Convention was inaugurated by the Chief Guest, Dr R R Sondhe, Executive Vice President, Research, Technology & Innovation Centre, Thermax Limited, Pune. He delivered a scintillating State-of-the-Art Lecture on the topic 'Disruptive Developments and Fantastic Future'. He stated



that the aim of nanotechnology is to extract the maximum benefit from a particular substance. 'Since change is inevitable for improving any kind of technology, understanding the subject object relationship for a process is very essential', opined Dr Sondhe. He mentioned that present day requirement is to reach the maximum efficiency of a process without losing the sustainability aspect and to achieve so, cutting across the disciplines is very important. Dr L V Muralikrishna Reddy, Past President, IEI, congratulated the Host Centre for selecting a relevant topic for the National Convention. He stated that combination of nanotechnology and chemical engineering can solve many socio-economic issues. He also discussed the challenges faced by the chemical industries. Dr Reddy further spoke about the upcoming technologies, like, additive manufacturing, carbon

nanotubes, biosensors, micro/nanotechniques, IoT and Industry 4.0 etc. which will pave the way for the future industries. Mr P P Agarwal, Chairman, Chemical Engineering Division Board, IEI presided over the inaugural session. He mentioned that application of nanotechnology has revolutionized almost every technology and improved the functionality of the systems for overall betterment of life. Mr Agarwal also suggested that the adverse effects of the technology on nature and human beings should be studied simultaneously in order to alleviate the risk. The prestigious Acharya Prafulla Chandra Ray Memorial Lecture was delivered by Dr Jayesh Bellare, Professor, Department of Chemical Engineering, Indian Institute of Technology Bombay, Mumbai on the topic 'An Introduction to Amazing Nanotechnology and Its Applications in Healthcare & More (Drug Delivery across Three Major Systems of Medicine)'. He enlightened the audience about the utility of smart insulin pump, smart lens, stent and lab on a chip etc. He also spoke about application of nanotechnology and microelectronics in healthcare systems, traditional and alternative medicines. On this occasion, four Eminent Engineering Personalities, namely, Dr Sugandha D Garway, Director, Anacon Laboratories Pvt. Ltd., Nagpur; Dr R Bhima Rao, Former Chief Scientist, Council of Scientific and Industrial Research - Institute of Minerals and Materials Technology, Bhubaneswar; Mr Y H Gharpure, Chairman, Gharpure Group of Companies, Pune and Dr B D Kulkarni, Distinguished Scientist, Chemical Engineering & Process Development, Council of Scientific and Industrial Research - National Chemical Laboratory, Pune were felicitated for their immense contribution to the Chemical Engineering profession. The IEI Young Engineers Award for the session 2017-18 in the field of Chemical Engineering Division was presented to Dr R Anantharaj, Associate Professor, Department of Chemical Engineering, SSN College of Engineering, Kalavakkam, Chennai; Dr Divesh Bhatia, Assistant Professor, Department of Chemical Engineering, Indian Institute of Technology Delhi, New Delhi; and Dr Mohammad Ali Haider, Assistant Professor, Department of Chemical Engineering, Indian Institute of Technology Delhi, New Delhi (in absentia). At the outset, Prof (Dr) G S Mundada, Chairman of the Centre, welcomed the august gathering and Dr Pramod Deshpande, Convener of the Convention, elaborated the theme of the National Seminar. A Souvenir was brought out on this occasion which was released by the Chief Guest and other dignitaries on dais. Mr Avinash Keshavrao Nighojkar, Honorary Secretary, Pune Local Centre, proposed the vote of thanks. Large number of papers embracing the theme of the National Seminar were presented and discussed during the five technical sessions.

Council Elects New President of IEI

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Immediate Past Chairman, West Bengal State Centre; Past Chairman, Civil Engineering Division Board and Past Convener (re-designated as Director), Rural Development Forum of the Institution. Mr Banerjee has held positions of significant responsibility, evident from his tenures with many bodies/organizations in various capacities in the past, such as, President, Section on Engineering Sciences, Indian Science Congress Association; Chairman, Indian Engineers' Federation (an apex body of State and Central Engineering Services Associations of India); Vice President & Secretary General, Eastern Regional Federation of State Engineering Services Associations (ERFSESA); Secretary General, Federation of Associations of Engineers and Technical Officers' (FAETO), West Bengal and Treasurer, Indian Science Congress Association, Kolkata Chapter. Mr Banerjee is known to possess exemplary negotiation skills which came to the fore as he could successfully resolve anomalies of pay structures of Engineers and Technologists of Govt. Organizations and Undertakings, through fruitful interaction with 6th Central Pay Commission, in his capacity as Chairman, Pay Committee of Indian Engineers' Federation. He has demonstrated considerable organizational skills and had been involved in organizing numerous activities under the banner of IEI (Rural Development of Forum) in the form of All India Seminars and programs in rural areas of West Bengal, Odisha, Maharashtra with the objective of improving the lifestyle of the rural people. Also, he has organized International Conference under the banner of Indian Association of Hydrologists, West Bengal Regional Centre

on the various issues of sustainability. Mr Banerjee has served on important decision-making bodies of IEI like -- Chairman, Service Rules and Headquarters Management Committee; Member of different Committees viz Finance, Education Examination & Accreditation, All India Technicians' Committee, Equivalence Committee; Committee for Advancement of Technology and Engineering (CATE) and Membership Committee. He has attended many prestigious events abroad as a key member of IEI delegations, like 44th Executive Committee Meeting of Federation of Engineering Institutions of South and Central Asia (FEISCA) at Kathmandu and 55th Convention of The Institution of Engineers, Bangladesh at Dhaka. He has also served many international bodies, such as, Committee on Poverty Alleviation of FEISCA and has organized Seminar on 'Poverty Alleviation in West Bengal'; Indian Member Committee of Federation Internationale Du Beton (IMC- fib). Besides, being a Fellow of the Institution, he is also associated with many professional bodies like Fellow, Indian Association of Hydrologists, Roorkee and Life Member, Indian Science Congress Association. He has a penchant for organizing mega technical events and has an enviable record at it. He has served as Convener, Logistic Committee - World Congress on Sustainable Development held at Kolkata in 2000; and other Indian Engineering Congress. He was Chairman, Organizing Committee of 31st Indian Engineering Congress held at Kolkata in 2016 which was widely acclaimed and appreciated by all. Mr Sisir Kumar Banerjee will assume office as the President at the Ninety-eighth Annual General Meeting of the Institution to be held at Chennai on December 23, 2017.

IEI Celebrates 50thEngineers' Day

Theme: Role of Engineers in a Developing India

The 50th Engineers' Day was celebrated by the Institution all over the country on September 15, 2017 to commemorate the 157th birth anniversary of legendary Engineer-Statesman Bharat Ratna Sir M Visvesvaraya. Brief accounts of the celebration as received from various Centres are highlighted hereunder.

State Centres

Assam

The Speaker, Dr D N Buragohain, Emeritus Professor and Founder Director, IIT Guwahati, in his speech, explained in length about the issues which should be addressed to achieve the goal of a Developed Nation. He felt that a Nation can develop only if proper planning and subsequent execution of project can be ensured. 'When engineers can check time and cost overruns of the projects and also can make proper planning, the Developed Nation is possible only if everyone in general contributes for the development', opined Dr Buragohain. Dr A K Misra, Immediate Past Chairman of the Centre made a colourful presentation on the life and achievements of Sir M Visvesvaraya, the doyen of Indian engineering. Dr A K Baruwa, Chairman of the Centre, presided over the function. Earlier, Mr A Nath, Honorary Secretary of the Centre, welcomed the august gathering. Mr M Barkataki, Past Honorary Secretary of the Centre, proposed the vote of thanks.



Goa

The Chief Guest, Mr Vijai Sardesai, Hon'ble Minister for Town and Country Planning & Department of Factories and Boilers, Government of Goa, in his address, reiterated his commitment to prepare a regional plan based on Transfer of Development Rights which would help in conserving certain ecological areas of the state. He urged the engineers to build aesthetically appealing but safer greener buildings with a low carbon footprint. The Keynote Speaker, Dr Gopal Mugeraya, Director, NIT, Goa, highlighted the advancement in technology and the vast youth potential that ought to be tapped for progress of the country. The Special Guest, Prof Ruildo D'Souza also addressed the gathering. Earlier, Mr Gurunath M Naik Parrikar, Chairman of the Centre, welcomed the gathering and highlighted the significance of the Engineers' Day celebrated all over the country. Mr Deepak A Karmalkar, Honorary Secretary of the Centre, proposed the vote of thanks.



Gujarat

The Chief Guest, Dr Anil Kane, President Emeritus, World Wind Energy Association and Ex-Vice Chancellor of MS University, Baroda, focused on the importance and utilisation of non-conventional sources of energy. He also highlighted the role of manufacturing sectors in the economy of a country. The Guest-of-Honour, Mr Bharat S Patel, Council Member, IEI, enumerated the duties and responsibilities that an engineer should render for the progress of a nation. He described the youth of this nation as a valuable asset to be directed in the growth of our country's economy. Dr T Kishen Kumar Reddy, Director General, Pandit Deendayal Petroleum University, stressed on the areas to be addressed by the budding engineers to contribute in the growth of the country. Dr H B Raghavendra, Director, School of Technology, proposed the vote of thanks.



Haryana

The Chief Guest, Dr M P Gupta, Former Director, Technical Education, Haryana and Utrakhnad, mentioned that engineers are the backbone of a nation and have an important role in the development of a country. Dr Arun Goel, Professor, Civil Engineering Department, NIT, Kurukshetra, in his keynote address, stated that since all new technologies are invented by the engineers, they play an important role in



the development of a country and these technologies are used to make a country better or developed. Mr K C Sethi, Council Member, IEI presented the life sketch of Bharat Ratna Sir M Visvesvaraya and highlighted his various achievements in technical and

administrative matters which give great inspiration to the young engineers. Earlier, Mr Anil Budhiraja, Principal, SJP Polytechnic, Damla, welcomed the gathering. Mr T P Singh, Chairman of the Centre, urged that engineers should make inventions and produce items at economical rate. Mr Vipin Kumar, Honorary Secretary of the Centre, proposed the vote of thanks.

Jharkhand

Mr Sanjay Sen, Chairman of the Centre, welcomed the dignitaries and the participants. The Chief Guest, Dr Gopal Pathak, Vice Chancellor, Jharkhand Technical University, deliberated on the theme and expressed satisfaction on the contribution of engineers for developing Indian industry. The Keynote Speaker, Mr S Chattopadhyay, Ex. Director (Projects), MECON Limited, covered widely engineers' contributions in the developing India and emphasized that more attention should be given in development of core-sector which is the backbone of engineering development in the country. He mentioned that ethics in engineering fraternity is also one of the issues which should be taken care of. The Guest-of-Honour, Mr Ashish Kole, Expert in Information Technology and Ex. Director of HCL & CISCO, in his speech, deliberated widely on the development in Information Technology and allied industry and indicated that many of the development in the world in Information Technology field is actually taking place in India. 'IT sector has become the backbone of infrastructure and Indian engineers contributed hugely in the global developments', he added. Mr M R Kumar, Honorary Secretary of the Centre, proposed the vote of thanks.



Karnataka

Prof B N Karkera, Former Scientist, BARC, NIAS, NITK, in his Keynote Address, explained at length on several innovative ideas on aerospace engineering sciences, solar, wave and nuclear energy, bio-computing type engineering for body phone / body eye, hyper loop India trains and quicker space missions using General Equations of Motion. The dual waste aspects of water energy in the mountains, as enunciated by Karkera, laid emphasis on using thermal power stations and hill contained hydropower (marginal) nuclear power plants using both potential and heat capacity of water to produce Giga Watts (even Terra watts) of electrical energy in mountainous of Western Ghats, Karnataka. Dr N Chikkanna, Chairman of the Centre presided over the function. Earlier, Mr Jasmail Singh, Honorary Secretary of the Centre, welcomed the august gathering. Dr A S Kodanda Pani, Executive Committee Member of the Centre, proposed the vote of thanks.



Madhya Pradesh

Mr R C Shrivastava, Chairman of the Centre, welcomed the august gathering and highlighted the role of engineers in nation building activities. The Chief Guest, Mr Navind Chandra, Director General, Madhya Pradesh Council of Science and Technology, suggested that engineers should take effort in building online Educational Universities. The function was presided over by Mr J Santosh, Additional Director and Unit Head, Central Power Research Institute, Bhopal. Mr Santosh, in his address, emphasized that we have to follow the principles of simple living and high thinking like Sir M Visvesvaraya. Mr Sunil Joshi, Honorary Secretary of the Centre, proposed the vote of thanks.



Maharashtra

Dr H M Raje, Honorary Secretary of the Centre, welcomed the august gathering and introduced the guests present on the occasion. Dr B Satyanarayana, Scientific Officer [H], Tata Institute of Fundamental Research, Mumbai, delivered Keynote Address on the engineering opportunities in engineering basic science research in India. He felt that emerging experimental basic science



research in India has opened up huge engineering challenges and at the same time it is offering unprecedented career opportunities for the engineering community. Earlier, Mr M B Dagaonkar, Council Member, IEI gave a power point presentation about the life history of Sir M Visvesvaraya.

Manipur

Mr K Temba Singh, Chairman of the Centre, presided over the function and encouraged the engineers mentioning the need to play an important role in the developmental activities of the State. Mr N Joykumar Singh, Honorary Secretary of the Centre, welcomed the august gathering. Mr Th Bishwajit Singh, Hon'ble Minister (Works, Power, RD & PR, Com & Ind, I&PR, AR), Government of Manipur, graced the occasion as the Chief Guest and delivered his speech on the theme covering the life and work of Sir M Visvesvaraya. Special Guest on the



occasion, Mr N Shyamsunder Singh, Former Chairman, Joint Electricity Regulatory Commission (Manipur & Mizoram) also delivered lecture on the theme of the day. Mr Achom Roudrajit Moirang, Joint Honorary Secretary of the Centre, proposed the vote of thanks.

Punjab & Chandigarh

Mr D K Sharma, Chairman, Bhakra Beas Management Board, Chandigarh and Mr Jagroop Singh, Vice-President, IEI, graced the occasion as Chief Guest and Guest-of-Honour, respectively. Both the dignitaries addressed the gathering with their motivational views about the theme and highlighted the valuable contributions of the engineers for the development of the nation. Earlier, Mr Parminder Singh Bhogal, Chairman of the Centre, welcomed the distinguished guests and delivered the keynote address on the theme. Prof (Dr) T S Kamal, Council Member, IEI, presented a brief life sketch of Sir M Visvesvaraya. The function concluded with the vote of thanks proposed by the Chairman of the Centre.



Tamilnadu

Dr G Ranganath, Chairman of the Centre, welcomed the august gathering and elaborated the theme of the day. The Chief Guest, Mr S Ravishankar, Assistant Vice President – Marketing, Bharathi Cement Corporation Private Ltd., Chennai, delivered the thematic address on 'Role of Engineers in a Developing India'. Mr T M Gunaraja, Council Member, IEI, presented the life sketch of Sir M Visvesvaraya. Dr P Aravindan, Chairman, Tiruvallur Local Centre, IEI and Dr S R R Senthilkumar, Honorary Secretary, Kanchepuram Local Centre, IEI, also addressed the gathering. Mr R Ramdoss, Honorary Secretary of the Centre, proposed the vote of thanks.



Telangana

The Chief Guest, Dr Tessa Thomas, Director, Advanced Systems Laboratory, Hyderabad, paying rich tributes to Sir M Visvesvaraya, advised the young engineers to move forward taking the example of Sir M V. The Chief Guest highlighted the important role of engineers in the development of the country since India is in the first place among the other developing countries. Prof (Dr) N Yadiah, Registrar, JNTUH College of Engineering, Hyderabad, presented a life sketch and achievements of Sir M Visvesvaraya and mentioned that Sir Visvesvaraya dreamed an India economically strong that is industrially efficient, educationally high and thoroughly modernized. Dr S Sathyanarayana, Chairman of the Centre, presided over the function. Earlier, Mr G Rameshwar Rao, Honorary Secretary of the Centre, welcomed the august gathering. Mr S P Anchuri, Joint Honorary Secretary of the Centre, proposed the vote of thanks.



Local Centres

Ahmednagar

The Chief Guest, Mr Chandramohan Hangekar, Chief Engineer (Retd), Water Resources Department, Government of Maharashtra, asserted that skilled engineers have lot of employment opportunities in infrastructure development sector. In his

Keynote Speech, Dr M A Venkatesh, Principal, Amrutvahini College of Engineering, Sangamner, stated that roads and highways connectivity, connectivity of rivers, food nutrition, health facilities, buildings, etc. are some of the measurements of progress of the nations, in which engineers have to play a pivotal role. Mr Arvind P Pargaonkar, Chairman of the Centre, while presiding over the function, stressed upon quality work and urged engineers to inculcate new ideas. Earlier, Mr H B Thigale, Honorary Secretary of the Centre, welcomed the guests and briefed the life sketch of Sir M Visvesvaraya. Prof D A Vidhate, Joint Honorary Secretary of the Centre, proposed the vote of thanks.



Alwar

Mr K L Sharma, Chairman of the Centre, welcomed the gathering and presented the life sketch of Sir M Visvesvaraya. The Chief Guest Mr D L Damor, Deputy Chief Inspector of Factory and Boiler, in his address, stressed on the need to improve efficiency of all engineering equipments for better performance. The Guest-of-Honour Mr R L Agarwal, Past Chairman of the Centre, highlighted the achievements of Sir M Visvesvaraya. Mr C L Yogi, Head, Electrical Engineering Department, Government Polytechnic College, highlighted the role of engineers to develop infrastructure of the country and enhancing the quality of life of the people. Mr A K Gupta, Honorary Secretary of the Centre, proposed the vote of thanks.



Angul

Mr P Moharana, Chairman of the Centre, welcomed the august gathering and Mr Prabhat Kumar Padhy, Honorary Secretary of the Centre, introduced the dignitaries. The Chief Guest, Mr Sanjib Kumar Roy, Director, (P&T), NALCO, stated that contributions of engineers should percolate right down to the grass root level i.e to the poorest section of the country. He also mentioned that massive expansion plans of NALCO will surely strengthen the national development. The Guest-of-Honour, Mr R K Mishra, ED, (S&P), NALCO, urged the audience to be perpetual learners and enhance their skills with each passing day. The Chief Speaker, Dr Binoy Kumar Das, Director, ITR, Chandipur, covered almost all aspects of life including burning problems of brain drain that are being faced by corporate sector. Mr Satyabadi Mishra, AGM (E) CPP, NALCO, proposed the vote of thanks.



Anpara

The Chief Guest, Mr R K Srivastava, General Manager, BHEL, Anpara, appealed to the engineering fraternity to follow the path laid down by the great Engineer-Statesman, Sir M Visvesvaraya. He called upon the technical experts to work for the betterment of the environment by setting up a task force and sharing of their knowledge. The Guest-of-Honour, Mr Mukesh Kumar Singh, Senior Manager, BHEL, Anpara and Mr Prashant Kumar, Assistant Engineer, ATPS, delivered the keynote address on the topic 'Role of Engineers in a Developing India'. Earlier, Mr Rajesh Tiwari, Civil Head, Hindalco Industries Ltd., Renusagar Power Division and Chairperson on the occasion, welcomed the august gathering and presented the life sketch of Sir M Visvesvaraya. Mr Dharendra Kumar Singh, Honorary Secretary of the Centre, proposed the vote of thanks.



Asansol

The Chief Guest, Mr R N Das, Dean, Administration, Asansol Engineering College, dwelt upon the relevance and importance of the theme 'Role of Engineers in the Developing India'. He mentioned that innovation is the keyword now and survival and sustainable growth are predominant aspects to get edged over competitors. Dr M G Tiary, Immediate Past Honorary Secretary of the Centre, stated that engineers have a great role to play in the development of our country



starting from healthcare, IT world, transportation, infrastructure etc. Mr Sumanta Karmakar, Assistant Professor, ECE Department, Asansol Engineering College, outlined the life sketch of Sir M Visvesvaraya and spoke on the theme. Earlier, Dr D Sarkar, Executive Committee Member of the Centre, convened the programme and delivered the welcome address. Mr T T Lahiri, Honorary Secretary of the Centre proposed the vote of thanks.

Bareilly

The Chief Guest, Mr Raj Kumar Agarwal, Chief Engineer, UPPCL, Bareilly, in his speech, mentioned that engineers discover new technologies and they play an important role in the development of the country. The Guest-of-Honour, Mr R K Gupta, Vice President (Unit Head) Dwarikesh Sugar Industries Ltd., Faridpur, Bareilly, emphasized that it is the duty of the engineers to make food available and affordable to the common masses. Earlier, Mr K B Agarwal, Past Chairman of the Centre, welcomed the august gathering and paid rich tributes to Sir M Visvesvaraya. Mr S K Gupta, Honorary Secretary of the Centre, also addressed the gathering. Dr Pankaj Sharma, Joint Honorary Secretary of the Centre, proposed the vote of thanks.



Bhilai

The Chief Guest, Mr M Ravi, CEO, Bhilai Steel Plant, in his address lauded the efforts made by the engineering fraternity of Bhilai collectively towards the Rashtra Nirman and still continuously doing the same without any pause. The Keynote Speaker, Prof Rajat Moona, Director, IIT Bhilai, speaking on the theme, explained very convincingly what engineers can contribute in the development of the country, especially, what is the need of the hour and what is required from an engineer to do for the progress of the country. He also touched on the leading aspects of the Digital India and contribution in Medical Sciences which is indeed an integral part of the development of the nation. Dr Manisha Sharma, Professor, BIT, Bhilai, made a presentation on Bharat Ratan Sir M Visvesvaraya. Earlier, Mr Kailash Malhotra, Chairman of the Centre, in his welcome address, shared the history of celebrating Engineers' Day. Mr Viteswar Nath, Honorary Secretary of the Centre, proposed the vote of thanks.



Coimbatore

Dr S Thangavelu, Chairman of the Centre, welcomed the august gathering and presided over the function. Dr M Ibrahim Bathusha, Immediate Past Honorary Secretary of the Centre, introduced the Chief Guest to the audience. The Chief Guest, Dr B Hariprasad, Technical Director, Defense Research and Development Laboratory, Hyderabad presented the theme address on 'Role of Engineers in a Developing India'. The function was concluded with the vote of thanks proposed by Dr M Senthilkumar, Honorary Secretary of the Centre.



Dhanbad

Dr D B Naik, Chairman of the Centre, welcomed the dignitaries and the participants. Prof R Venugopal, Professor, Department of Fuel and Mineral Engineering, IIT-ISM, Dhanbad, graced the occasion as the Chief Guest. Other dignitaries present on the occasion were Mr D N P Singh, Past Chairman; Mr M K Singh, Immediate Past Chairman; Dr M K Chandra, Immediate Past Honorary Secretary; Mr S Ratnaker, Joint Honorary Secretary; Mr N P Chauhan and Mr R P Singh, Past Honorary Secretaries of the Centre. All of them deliberated on the theme of the Engineers' Day. Dr K K Singh, Honorary Secretary of the Centre, presented the life sketch of Sir M Visvesvaraya and proposed the vote of thanks.



Dharwad

The Chief Guest, Dr Mahadeva Prasanna, Dean, Faculty Welfare and Dean, Research and Development, IIT Dharwad, mentioned that engineers are playing a vital role in a developing India. He felt that the professional work and achievement will be recognized across regional, linguistic and cultural boundaries. He



further stated that over the decades engineering profession has changed in terms of nature as well as magnitude of challenges due to the fast changing technology. 'Here Sir M V should become our role model to take up the challenges and try to address them', he added. Mr S M V Narayana, Chairman of the Centre, presided over the function. Dr Ramesh L Chakrasali, Honorary Secretary of the Centre, proposed the vote of thanks.

Durgapur

Mr R K Roy, Chairman of the Centre, welcomed the august gathering and elaborated the theme of the day. The Chief Guest, Dr S Majumder, Professor, Mechanical Engineering, NSHM, Durgapur, paying his tributes to Sir M Visvesvaraya mentioned that engineers should possess excellent analytical skills, ability to continually examining things, to help things work better and efficiently and to make things workable. The Guest-of-Honour, Prof (Dr) Goutam Sutradhar, Mechanical Engineering Department, Jadavpur University, Kolkata, mentioned that rapid progress in the development of the country (post-independence) has taken place through the application of engineering to different sectors, such as, Iron and Steel Industry, Power Industry, Cement Industry, Textile Industry and IT Industries. The other Guest-of-Honour, Dr Ravi Kant Jain, Principal Scientist, Surface and Field Robotics, CSIR-CMERI, delivered lecture on 'Micro Robotics and Its Applications'. Mr M N Bandyopadhyay, Honorary Secretary of the Centre, proposed the vote of thanks.



Faridabad

The Chief Guest Mr Raj Kumar Bhatia, Managing Director & Chairman, Bony Group of Companies, delivered lecture on Frugal Engineering. Mr Dinesh Kumar, Vice Chancellor, YMCA and Mr Vijay Sharma, Senior Vice President, Jindal Stainless Group also addressed the gathering as Guests-of-Honour. Earlier, Mr J P Singh, Chairman of the Centre, welcomed the gathering and highlighted the contributions of engineers in nation building activities. Mr Sushil Kumar Bajaj, Honorary Secretary of the Centre, proposed the vote of thanks.



Gorakhpur

The Chief Guest, Mr P N Ray, DGM, N E Railway, explained the role of Railway Engineers in making the railway up to the largest railways in the world. Mr Mohit Agrawal, I. G. of Gorakhpur Police, spoke about the scientific way of developing Police Department to control the crime. Mr U C Agarwal, Registrar, Madan Mohan Malviya Institute of Technology also addressed the gathering. Earlier, Mr M W Beg, Joint Honorary Secretary of the Centre, welcomed the guests and dignitaries present on the occasion and highlighted the significance of the day.

Indore

The Chief Guest, Mr Shankar Lalwani, Chairman, Indore Development Authority, emphasized the need to make concepts like 'Makerspace' and 'C.I.D.I.', more friendly for the common citizen. Theme Speaker, Dr Nilay Jain, Director, Aditya Institute of Management, Studies and Research, Mumbai, explained the role of engineers specially in the IT field which has merged itself with all other disciplines of engineering. The Guest-of-Honour, Dr Rakesh Saxena, Director, Shri G S Institute of Technology and Science, Indore, announced that a similar center called C.I.D.I. will soon be started in their own engineering college (SGSITS). Mr Dinesh Wadhwa, Honorary Secretary of the Centre, proposed the vote of thanks.



Kadapa

Mr G Gopal, Chairman of the Centre, in his presidential address paid rich tributes to Sir M Visvesvaraya and explained how Sir M V could be emulated as a Role Model. Mr C Sreeramachandra Murthy, Honorary Secretary of the Centre, in his welcome address, briefed the life sketch of Engineer-Statesman, Sir Mokshagundam Visvesvaraya and advised the budding engineers to imbibe the character of Sir M Visvesvaraya. Mr M Sivaprasad Reddy, Superintending Engineer, APSDCL, Kadapa; Dr A Mohan, Director, KSRM College of Engineering, Kadapa; and Mr G Govardana



Reddy, General Manager, Bharathi Cements Limited, Nallalingayapalli, graced the occasion as Guests-of-Honors. Dr K Krishna Reddy, Professor of Physics, DST-FIST Coordinator, SAARC Coordinator, Yogi Vemana University, Vemanapuram, Kadapa delivered a lecture on the theme of the day. Mr C Pratap, Committee Member of the Centre, proposed the vote of thanks.

Kalaburagi

The Chief Guest, Mr P Sunilkumar, Commissioner of Kalaburagi Maha Nagar Palike, urged the participants to serve the nation with devotion and dedication. The Guest Speaker, Prof (Dr) S R Pande, PDA College of Engineering, Kalaburagi, delivered keynote address on 'Role of Engineers in a Developing India'. The Guest-of-Honour, Mr Basavaraj Gadwal, delivered an impressive lecture and appealed to the engineers to render their services for the cause of nation following the foot-prints of Sir M Visvesvaraya. Dr Shashikant R Mise, Honorary Secretary of the Centre, highlighted the achievements of Sir M Visvesvaraya. Mr M M Kadadi, Chairman of the Centre presided over the function. Mr J L Shukla, Immediate Past Chairman of the Centre, proposed the vote of thanks.

Kalpakkam

Padma Shri Prof R M Vasagam, Former Vice Chancellor, Anna University, Chennai and Chairman, Aerospace Engineering Division Board, IEL, graced the occasion as the Chief Guest and delivered the thematic address. Dr A K Bhudhuri, Distinguished Scientist, Director, IGCAR & GSO, presided over the function and delivered the presidential address. Dr Kallol Roy, Chairman & Managing Director, BHAVINI, delivered special address on the theme of the day. On this occasion, an 'Essay Competition' on the theme was conducted among the students of Agni College of Technology, Chennai.

Kanyakumari

Mr N Azhagesan, Committee Member of the Centre and Principal, Cape Institute of Technology, welcomed the gathering and praised the engineers for their valuable role in nation building activities. Dr G Sivasubramanian, Chairman of the Centre while presiding over the function, suggested engineers to maintain the ethics, standards and sincerity to serve the nation for its progress. Mr I Krishna Pillai, Chairman, Cape Institute of Technology; Mr E David Jeba Singh, Superintending Engineer, TNEB and Mr P Arumugam Pillai, Chairman, S T Hindu College graced the occasion as Guests-of-Honour and addressed the gathering. Mr V Sivathanu Pillai, Honorary Secretary of the Centre, proposed the vote of thanks.

Kochi

Mr N Paul George, Chairman of the Centre, welcomed the guests and dignitaries present on the occasion. The function was inaugurated by Mr Madhu S Nair, CMD, Cochin Shipyard Ltd by garlanding photo of Sir M. Visvesvaraya. In his speech on the theme, Mr Nair highlighted the importance of Sir Visvesvaraya's dedication towards profession for coming out as successful engineer. He pointed out that development of technology should be aimed at basically for benefitting the common man to make life easy. Mr N N Shaji, Chief Engineer, KSEB, Kalamassery, presented a commemorative speech explaining life and achievements of Sir M Visvesvaraya as an Engineer and Administrator. Mr T P Raveendran, Honorary Secretary of the Centre, proposed the vote of thanks.

Kollam

On this occasion, a Seminar on the theme 'Role of Engineers in Water Conservation and Management in Kerala' was organized which was inaugurated by Hon'ble Mr N K Premachandran, Member of Parliament. Mr Premachandran emphasized on sustainable development without compromising the environmental consequences. The Keynote Speaker,

Mr K V Ramanujan Thambi, Integrated Watershed Management Project Technical Expert, mentioned that at present Kerala has a rainfall of 3100 mm and proposed to take up right policy on watershed management to raise ground water level. Earlier, Mr P Rajendraprasad, Chairman of the Centre, welcomed the guests and dignitaries. Mr K Sivadasan, Honorary Secretary of the Centre, proposed the vote of thanks.

Kota

The Chief Guest, Mr V K Jain, Site Director, NPCIL, Rajasthan Site, Rawatbhata, mentioned that the challenge in our country is to foster economic growth, wealth distribution, development of the underprivileged and the deprived section of the society by way of providing education for all, increasing agricultural production, adopting suitable post-harvest technologies and industrial development. The Guest-of-Honour, Mr S C Agrawal, Past Chairman of the Centre, stated that without any concerted effort from the part of public and private sectors and whole-hearted participation by common people, any effort to reduce greenhouse gas emission will not produce the desired result. The Guest Speaker, Mr Trilok Maheshwari, Managing Director, IT Campus, Kota, stated that engineers have to play an important role if India has to become a developed nation. The other Guest Speaker, Mr K M Tandon, Former Senior Vice President, DCM Shriram Ltd, mentioned that engineers are responsible for the development of the country and we should develop our skills, so that, it will be easy for the individual to face new changes in their life. Earlier, Mr C K S Parmar, Chairman of the Centre, in his welcome address, briefed the life sketch of Sir M Visvesvaraya. Mr Jasamat Singh, Honorary Secretary of the Centre, proposed the vote of thanks.

Ludhiana

Mr Gurpreet Singh Walia, Honorary Secretary of the Centre, welcomed the august gathering. The Chief Guest Dr Harsh Sadawarti, Pro Vice Chancellor, CT University, Ludhiana, suggested that proper interaction of industry with academia would go a long way in fostering young engineers. The Guest-of-Honour, Mr Jagjit Singh Suchu, Chief Engineer (Store & Workshop) highlighted the contributions of engineers in the power sector. Mr S S Grewal, Director, Students' Affairs, CT University, Ludhiana, lamented that despite producing so many engineers, we are still lacking in quality technical manpower. Dr Prateek Kalia, Head (Training & Placement), Ludhiana College of Engineering and Technology, Ludhiana, highlighted the journey of Indian engineering from Indus Valley civilization to present day engineering. While proposing the vote thanks, Brig. Mastinder Singh, Chairman of the Centre said that Engineering community should work to uplift the society and resolve the problems.

Mangalore

Dr K Panduranga Vittal, Chairman of the Centre, presided over the function. Prof K Umamaheshwar Rao, Director, NITK, Surathkal and Dr B H V Pai, Joint Director, MIT, Manipal, graced the occasion as Chief Guests and addressed the gathering. Dr A O Surendranathan, Immediate Past Chairman of the Centre and Mr Jagadeesha P also attended the function. Dr B M Sunil, Honorary Secretary of the Centre proposed the vote of thanks. On the eve of 50th Engineers Day, a Seminar on 'Role of Engineers in a Developing India' was also organized on September 12, 2017.

Meerut

Mr V C Gupta, Chairman of the Centre, welcomed the august gathering and elaborated the significance of the day. The Keynote Speaker, Dr R P Saini, Professor, IIT Roorkee, presented an overview of the engineering sector in India and its scope for further growth in future. Mr Ashutosh Mishra, Assistant Professor, SCRIET, emphasized the role of engineers in the field of agriculture. Mr L D Bhardwaj, Chief General Manager (Retd.), UPPCL, highlighted the comparison of industries in pre-independence India and present stage. He emphasized that India has good infrastructure comprising strong team of engineers for steady development of industries. Mr Rajneesh Kumar, Honorary Secretary of the Centre, proposed the vote of thanks.



Neyveli

The Chief Guest, Dr Sarat Kumar Acharya, Chairman and Managing Director, NLC India Ltd, delivered the theme address. He spoke on the power scenario in India, the challenges ahead of the engineering community, need to cut cost in generation of power and praised the NLC engineers for their efforts in bringing laurels to the company. Mr P Selvakumar, Chairman of the Centre, presided over the function and delivered the presidential address. He explained the importance of renewable energy and emphasized the role of the engineers, especially in the power sector. Earlier, Mr B Selvan, Honorary Secretary of the Centre, welcomed the guests and dignitaries present on the occasion. On this occasion, Essay competition on 'Role of Engineers in a Developing India' for the students of local engineering colleges and Quiz Competitions were also organized.



North Bengal

Mr Asim Mahapatra, Honorary Secretary of the Centre, welcomed the gathering. Mr G K Panda, Chairman of the Centre, paid rich tributes to Sir M Visvesvaraya. Mr Subhas Barman, Executive Committee Member of the Centre, read out the life sketch of Sir M V. Theme Speaker, Mr Arijit Kundu, Associate Professor, Department of Mechanical Engineering, Jalpaiguri Government Engineering College, mentioned that engineers are versatile minds who build bridges between science, technology and society and contribute to the nation's technological and industrial progress. 'Engineers are directly involved in National Development, Educational Growth, Community Developments, Economic Developments of the country' he added.

The function was concluded with the vote of thanks proposed by Mr N C Sadhukhan, Executive Committee Member of the Centre.

Pilani

Dr Smita Pareek, Honorary Secretary of the Centre, in her welcome address, enlightened the audience about the importance of celebrating Engineers' Day. The Chief Guest, Mr Ashok Gupta, Principal Technical Officer, CEERI, explicated the importance of engineers and encouraged them to become experts in their respective fields. He also appealed to the engineers to welcome the challenges ahead and keep themselves equipped with recent technologies.



Dr Neeraj Kumar, Scientist, CEERI and Dr P S Bhatnagar, Principal, BKBIET, graced the occasion as the Guests-of-Honour. Dr Kumar delivered lecture on 'THz Science and Engineering: Future Area of Research'.

He explained its applications in medical imaging, security, scientific use and imaging, communication, manufacturing and power generation.

Roorkee

Mr Malvinder Singh, Chairman of the Centre, welcomed the gathering and highlighted the role of engineers in nation building activities. The Chief Guest, Prof A K Chaturvedi, Director, IIT Roorkee, mentioned that engineers are indispensable to the emergence of the country as a major global economic power and are responsible for showcasing national growth through their innovations. Mr Nirmal Jeet Singh Kalsi, Additional Chief Secretary, Punjab, in his Keynote Address, stated that engineers of any field are the architect of the emerging world which will convert imaginations into reality through their innovations. The Guest-of-Honour, Dr N Gopalakrishnan, Director, CSIR-CBRI Roorkee, enumerated that latest trends in engineering sector have gone through metamorphic transformation and Indian economy is expected to see higher growth in the near future. Prof (Dr) Achal K Mittal, Honorary Secretary of the Centre, proposed the vote of thanks.



Rourkela

Mr P K Mehrotra, Chairman of the Centre, welcomed the dignitaries and the participants. The Chief Guest, Mr Ashwini Kumar, Chief Executive Officer, Rourkela Steel Plant, in his address, paying rich tributes to Sir M Visvesvaraya emphasized that we must emulate his ideals, vision and leadership quality to serve the society thus contribute to the nation building. He



mentioned that the contributions of the engineers are indispensable to the emergence of India as a major global economic power. The Chief Speaker, Prof B K Nanda, Former Vice Chancellor, VSSUT, Burla, enumerated that as the Indian economy is expected to see higher growth in the coming years for which good engineers is the need of the hour to manufacture the best possible competitive products at cheaper rates using the latest technology available with us. Prof S K Sahu, Honorary Secretary of the Centre, proposed the vote of thanks.

Silchar

Prof D P Roy, Chairman of the Centre, welcomed the guests and dignitaries present on the occasion. Mr S Lakshmanan, Deputy Commissioner, Cachar, graced the occasion as the Special Guest. Dr Kumar Kanti Das, Dr Ravi Kannan, Mr Tridev Choudhury and Prof BUA Barbhuiya, former Principal, Regional Engineering College, Silchar were the Guests-of- Honour. Prof (Dr) Ashim Kanti Dey, Civil Engineering Department, NIT, Silchar and Mr K P Keshavan, DGM, ONGC, Srikona, Silchar deliberated on the theme of the Day 'Role of Engineers in a Developing India'. Dignitaries from reputed organizations viz. ONGC, Srikona, CPWD, Indian Railways as well as faculty from Assam University Silchar and NIT Silchar, participated in the event. Mr Bikramjit Das Gupta, Honorary Secretary of the Centre, proposed the vote of thanks.



Varanasi

The Chief Guest, Mr Atul Nigam, Managing Director, Purvanchal Vidyut Vitaran Nigam Limited, Varanasi, mentioned that the role of engineer is increasing with the development of many engineering devices and technologies. He stressed the need for highly qualified and technically sound engineers to serve the country. The Guest-of-Honour, Mr Pulkit Khare, Vice-Chairman, Varanasi



Development Authority, emphasized on ethical practices in engineering profession which not only raise services to the society and nation but also raise self-respect. Earlier, Prof D P Singh, Former Chairman of the Centre, welcomed the guests and dignitaries and presided over the function. Prof T R Mankhand, Former Chairman of the Centre and Convener of the programme, proposed the vote of thanks.

Visakhapatnam

The Chief Guest, Mr P K Rath, Executive Director (Works) I/C, RINL, Visakhapatnam Steel Plant, mentioned that the first economical planning for India was done under the guidance of Sir Mokshagundam Visvesvaraya. 'Though there is a considerable growth of engineers, but high ethics and quality are low compared to the time of Sir Visvesvaraya', he opined. Prof (Dr) K Venkatasubbaiah, Council Member and Chairman, CATE, IEI, briefed the life-sketch of Sir M Visvesvaraya. He mentioned that the motto of Sir M V was 'work is worship' and his last desire was to work until the last breath of life. Dr (Ms) G Padmavathi, Chairperson of the Centre and Council Member, IEI, presided over the function and highlighted the multi-ferrous activities of the Institution. Dr O Rama Mohana Rao, Honorary Secretary of the Centre welcomed the gathering and proposed the vote of thanks.



Overseas Chapters

Qatar

The Chief Guest Mr Hemant Kumar Dwivedi, First Secretary, Embassy of India, Doha-Qatar, in his ardent speech, advised engineers to adopt the technological changes taking place all around. He lauded the efforts of the Indian professionals in bolstering Indo-Qatar bilateral relations to a new height. Dr Ashok A Ghatol, Former Vice Chancellor, Dr Babasaheb Ambedkar Technological University, Lonere (India) in his keynote address, mentioned that the next industrial revolution will take place within a shortest span of 8-10 years and all engineers need to synchronize with latest advent of technological development for the betterment of society which would ultimately results into development of a nation. The Guest-of-Honour Mr Ahmed Jassim Al-Jolo, Chairman of the Qatar Society of Engineers, in his address, acknowledged the contribution of Indian engineers in the development of Qatar and assured cooperation among Engineers Association for mutual benefits of engineering fraternity. Mr Fayad Mohamed Khatib, Chief Development Officer, Al Fardan Group, and the Guest-of-Honor, emphasized the role of engineers in wider perspective and congratulated the activities of the IEI Qatar Chapter.



To be contd.

NEWS-IN-BRIEF

The following is a brief account of Technical Activities organised by various Centres and Overseas Chapters of the Institution

STATE CENTRES

Andhra Pradesh

- ❖ Lecture on 'Applications of Microwave Energy in Food Processing to Minerals, Metallurgical and Materials Processing' delivered by Dr Raghuipatruni Bhima Rao, National Mineral Awardee, Ministry of Mines, Government of India and Immediate Past Chairman, Odisha State Centre, IEI, on September 4, 2017.

Assam

- ❖ Lecture on 'Rural Technology' delivered by Dr S K Kakoty, Dean (IPM) and Past Honorary Secretary of the Assam State Centre, IEI, on September 1, 2017.

Delhi

- ❖ Lecture on 'Professionalism and Moral Responsibilities of Engineers' delivered by Mr Dinesh Chand, Chairman, Delhi Regional Centre, Institution of Public Health Engineers on August 5, 2017.

Gujarat

- ❖ Lecture Meeting on 'RERA-Rear Estate Regulation Amendment Act-2016' on September 14, 2017.

Jharkhand

- ❖ Workshop on 'World Ozone Day' on September 16, 2017.

Karnataka

- ❖ Prof Satish Dhawan Commemoration Lecture on 'Aerospace Propulsion – Hops, Halts and Hopes' delivered by Prof B N Raghunandanm, Former Chairman, Department of Aerospace Engineering and Advisor to Director, Indian Institute of Science, on September 25, 2017.

Kerala

- ❖ Lecture on 'Re-imaging India, Awareness Program for Engineers' delivered by Mr Binish N, Branch Head, Birla Sunlife Asset Management Company Ltd, Thiruvananthapuram on July 2, 2017.
- ❖ Organized 'Skill Development Programme' on August 5 & 12, 2017.
- ❖ Lecture on 'Project Management – Back to Basics' delivered by Mr E J Francis, Retired Group Director, CCQG, VSSC, Thiruvananthapuram, on August 23, 2017.
- ❖ Lecture on 'Innovative Translational Initiative to Green Technology' delivered by Dr Hema Ramachandran, Faculty TPLC, Government Engineering College, Thiruvananthapuram on August 30, 2017.
- ❖ Lecture on 'Plastic Waste Management through Catalytic Pyrolysis' delivered by Ms S B Beena, Chemical Inspector, Department of Factories and Boilers, Government of Kerala on September 13, 2017.
- ❖ Lecture on 'Potable Water Management at Karumkulam Panchayath, Thiruvananthapuram' delivered by Ms Anju K., AEE, Kerala Water Authority on September 20, 2017.
- ❖ Lecture on 'Bamboo – A Green Geo-textile Reinforcement' delivered by Dr P Mohanachandran Nair, Life Member, Bamboo Society of India on September 27, 2017.

Manipur

- ❖ Workshop on 'Seismic Vulnerability Assessment of Buildings in Manipur' on September 29, 2017.

Telangana

- ❖ Dr S Raghavachari Third Endowment Lecture on 'Geotechnics of Pavements – Collaboration between Geotechnical and Transportation Engineers' delivered by Dr M R Madhav, Emeritus Professor, JNTUH and Visiting Professor, IIT, Hyderabad on August 15, 2017.

- ❖ Round Table Conference on 'Dindi, Palamuru and Ranga Reddy Lift Scheme' on August 16, 2017.

- ❖ Round Table Conference on 'Management of Storm Water in GHMC Area' on September 1, 2017.

- ❖ Er Maturi Gopal Rao Thirteenth Endowment Lecture on 'Urban Mobility' delivered by Dr S Nagabhushana Rao, Past Chairman, IEI, and Former Director General, Engineering Staff College of India, IEI, Hyderabad on September 8, 2017.

West Bengal

- ❖ Workshop on 'Custom Hiring of Farm Machinery' on August 19, 2017.
- ❖ Seminar on 'Utilization and Sustainability of Rivers in West Bengal' on August 25, 2017.
- ❖ Seminar on 'Recent Technological Developments in Marine Field' on August 29, 2017.
- ❖ Prof A K Seal Memorial Lecture on 'Emerging Technologies in Steelmaking and Current Challenges' delivered by Mr Somdev Das, Former Executive Director, Alloy Steel Plant, Steel Authority of India Ltd., Durgapur on September 1, 2017.

LOCAL CENTRES

Ahmednagar

- ❖ Lecture on 'Overview of BOT Contracts with reference to Financial Aspects' delivered by Mr Kishor Dongare, Sectional Engineer, Public Works Department on September 29, 2017.

Ananthapuram

- ❖ Workshop on 'Self-Assembly of Soft Materials and their Applications in Energy' on September 1, 2017.

Coimbatore

- ❖ Lecture on 'Global Trends in the Garment Industry and Opportunities for India' delivered by Dr K J Sivagnanam, Head, Skill Development Initiatives, NIFT-TEA Knitwear Fashion Institute, Tirupur on August 28, 2017.
- ❖ Tenth Dr V Ramakrishnan Endowment Lecture on 'Innovative Methods in Structural Design and Construction' delivered by Mr R Perumalswamy, Chairman, Chodai & Buro Engineering Pvt Ltd, Singapore and Director, Buro Engineers (I) Pvt Ltd on September 7, 2017.

Ghadiabad

- ❖ Seminar on 'Vastu Science for Developers and Home Buyers' on July 15, 2017.
- ❖ Seminar on 'Disaster Management Control and Communication' on September 9, 2017.

Hosur

- ❖ Workshop on 'Big Data and Internet of Things' on September 5, 2017.

Jabalpur

- ❖ Lecture Meeting on 'Scenario of Power Sector in India – Vision 2020' in fond memory of Padmashri Dr Narla Tata Rao on his 100th Birth Anniversary on September 4, 2017.

Kollam

- Seminar on 'Energy Conservation and Renewable Energy' on August 29, 2017.

Kota

- ❖ Lecture on 'Nuclear Fuel Complex -- Kota Project' delivered by Dr M L Parihar, Senior Scientific Officer, NFC, Kota, on September 23, 2017.

Kozhikode

- ❖ Lecture on 'Sustainable Water Management: Challenges and Possible Solutions' delivered by Prof (Dr) Sudheer K P, Professor, Environmental & Water Resources Engineering, IIT Madras, Chennai on September 27, 2017.

Power Sector : Recent Advancements, Opportunities and Challenges Ahead

Jharkhand State Centre of the Institution jointly with MECON Limited, Ranchi organized a Two-day All India Seminar on 'Power Sector : Recent Advancements, Opportunities and Challenges Ahead' under the aegis of Interdisciplinary Coordination Committee (ICC), IEI during August 12-13, 2017 at Ranchi.

Mr Sanjay Sen, Chairman of the Centre and Chairman, Organising Committee delivered the welcome address. This was followed by the lecture delivered by Mr A K Saxena, Chairman, ICC, IEI. Mr S N Verma, Managing Director, Uttarakhand Jal Vidyut Nigam Ltd., graced the the occasion as Chief Guest who addressed the august gathering and released the Souvenir of the Seminar. Mr Atul Bhatt, Chairman & Managing Director, MECON

Ltd., Chief Patron of the Seminar, delivered the keynote address. Mr R P Tripathy, Member-Technical, Damodar Valley Corporation and Mr B P Mahapatra, Director-Finance, Odisha Power Transmission Corporation Limited & GRIDCO, addressed the gathering as the Guests-of-Honour. Mr S Chattopadhyay, Director-Projects (MECON Ltd.), Mr P K Sarangi, Director – Technical (MECON Ltd.) and Mr G Chatterjee, Director-Commercial (MECON Ltd.) were also present during the inaugural session. Eminent Speaker, Prof (Dr) S P Gon Chaudhuri, Member, Energy Expert Committee, Government



of India, mentioned how the world is destined to enter a 'renewable energy age' due to techno-economic circumstances as well as on account of environmental issues directly related to survival of mankind. He also spoke about the virtues of solar power and need to use this abundant source of non-depleting renewable energy in innovative ways to facilitate economic development of the country, particularly that of the rural mass. The other Speaker, Prof (Dr) Thakur Ramesh Singh Chouhan, Eminent Oncologist & Scientist, made an excellent case study about the harmful biological effects and damage to the ecosystem by mega-scale conventional power plants including large size solar power plants. He also spoke about the harmful physiological effects of electromagnetic energy emanating from

high-voltage electrical distribution lines and suggested that solar power may not be the panacea to India's (and the world's) energy requirements, as it is often made out to be. Prof (Dr) Sanjay Kumar, Vice-Chancellor, ITM University, Raipur, as an Eminent Speaker, delivered lecture on the topic of empowering Jharkhand (and the rest of India) with the power of renewable energy (most prominently, solar energy) and a vibrant leadership. He also spoke about innovative efforts of

harnessing solar energy in other parts of the world, such as solar panels at the surface of highways, as canopy of railway lines, etc. Prof (Dr) Arvind Kumar of the Birla Institute of Technology, presented promising results of an ongoing research project by his team about manufacture of bio-diesel on economic scale from the 'mahua' seed, a plant available in plenty in Jharkhand, Odisha and Chhattisgarh. Mr Sanjeev Kumar, GM, MECON Ltd, proposed the vote of thanks. Papers embracing the theme of the Seminar were presented and discussed during technical sessions.

Ludhiana

- ❖ Lecture on 'Dairy Technology' delivered by Mr Sudeep Banerjee, Deputy Manager (Production), Verka Milk Plant, Ludhiana and Executive Member of Ludhiana Local Centre on September 19, 2017.

Madurai

- ❖ Seminar on 'Product Life Cycle Management' on August 19, 2017.
- ❖ Lecture on 'Town Planning Rules and Regulations: Present Scenario' delivered by Mr S P Mohamed Ali, Deputy Director(In-charge), Town and Country Planning, Madurai Zone on August 24, 2017.

Meerut

- ❖ Lecture on 'Third Party Quality Inspection' delivered by Mr P S Singhal, Executive Committee Member of the Meerut Local Centre on September 3, 2017.

Palghat

- ❖ Lecture on 'Developments in Indian Medical Equipment Industry' delivered by Mr Sriram C G, Factory Head, M/s BPL Medical Technologies Pvt Ltd, Palakkad on August 17, 2017.

Pilani

- ❖ Seminar on 'Renewable Energy Technology' on August 19, 2017.

Salem

- ❖ Seminar on 'Smart Power Systems with R-APDRP' on June 21, 2017.
- ❖ Seminar on 'New Generation of Composite Materials' on July 15, 2017.
- ❖ Seminar on 'Test Engineering for Electronic Hardware' on August 5, 2017.

- ❖ Seminar on 'Tribology and Energy Saving in Textiles' on August 18, 2017.
- ❖ Seminar on 'Green Technologies for Iron and Steel Making' on August 19, 2017.
- ❖ Seminar on 'Aerodynamic Characteristics for Rarefied Flows' on August 21, 2017.

Silchar

- ❖ Seminar on 'Geo-Technical Problems in Southern Assam – Causes and Remedies' on September 9, 2017.
- ❖ Seminar on 'Renewable Energy Technology: Issues and Prospects' on September 25, 2017.

Solapur

- ❖ Workshop on 'Computer Security' on September 16, 2017.

Tiruvallur

- ❖ Lecture Meeting on 'Thrust on Employability Skills for Building Engineers' on September 19, 2017.

Udaipur

- ❖ Seminar on 'The Study of Aerospace Engineering' on September 16, 2017.

OVERSEAS CHAPTERS

Kuwait Chapter

- ❖ Seminar on 'Emotional Well-being for Engineers and their Family' on August 15, 2017.
- ❖ Seminar on 'Digitalization and Cyber Security' on September 12, 2017.



Aerospace Engineering Division

Thirty-first National Convention of Aerospace Engineers on **"Innovation, Trends and Strategies of Indian Aerospace Sector – Present and Future"**
Chennai, November 03-04, 2017

The Honorary Secretary, IEI, Tamilnadu State Centre, 19 Swami Sivananda Salai, Chempauk, Chennai 600005 [☎: (044) 25360614/64998729; Fax: (044) 25369433; e-mail: tnscc@ieiindia.org]

All India Seminar on **"Smart Materials and their Applications to Aerospace, Mechanical and Civil Structures"**

Salem, December 12-13, 2017

The Honorary Secretary, IEI, Salem Local Centre, 3rd Floor, SPC Bhawan, No.104/7, Manivannan Street, Opp to Salem New Bus Stand, Salem 636004, Tamilnadu [☎: (0427) 2332544; e-mail: salemc@ieiindia.org]

Thirty-second National Convention of Aerospace Engineers on **"Advances in Aerospace Sciences and Technologies"**

Ranchi, October 27-28, 2018

The Honorary Secretary, IEI, Jharkhand State Centre, Engineer Bhawan, Nepal Kothi Campus, Ranchi 834002 [☎: (0651) 2491344; web: ieijsc.org; e-mail: jharkhandsc@ieiindia.org]

Agricultural Engineering Division

All India Seminar on **"Technological Interventions in Total Value Chain of Farming to Double Farm Income"**

Chennai, October 13-14, 2017

The Honorary Secretary, IEI, Tamilnadu State Centre, 19 Swami Sivananda Salai, Chempauk, Chennai 600005 [☎: (044) 25360614/64998729; Fax: (044) 25369433; e-mail: tnscc@ieiindia.org]

One Day Seminar on **"Power and Machinery Engineering Systems"**

Dharwad, October 14, 2017

The Honorary Secretary, IEI, Dharwad Local Centre, Balekundry Bhavan, Sir M Visvesvaraya Road, Dharwad 580 001 [☎: (0836) 274 2979; e-mail: dharwadlc@ieiindia.org]

All India Seminar on **"High-tech Cultivation of NUTRI & Cash Crops in Himalayan Region"**

Dehradun, December 2-3, 2017

The Honorary Secretary, IEI, Uttarakhand State Centre, PO: Clement Town, Delhi - Saharanpur Road, Near ISBT, Dehradun 248002 [TeleFax: (0135) 2641190; e-mail: uttarakhandsc@ieiindia.org]

All India Seminar on **"Agro Big Data and Decision Support Systems in Agriculture"**

Hosur, January 8-9, 2018

The Honorary Secretary, IEI, Hosur Local Centre, No.69, Kamaraj Nagar, Kumudepall, Near Adhiyamaan College of Engineering, Tamil Nadu, Hosur 635109 [e-mail: hosurc@ieiindia.org]

Thirty-first National Convention of Agricultural Engineers on **"Engineering Interventions in Doubling the Income of Small and Marginal Farmers by 2022"**

New Delhi, February 2-3, 2018

The Honorary Secretary, IEI, Delhi State Centre, Engineers Bhawan, Bahadur Shah Zafar Marg, New Delhi 110002 [☎: (011) 23379052/23379948; Fax: (011) 23370489; e-mail: delhisc@ieiindia.org]

Architectural Engineering Division

All India Seminar on **"Architectural Technologies for Building Engineers"**

Kozhikode, October 14-15, 2017

The Honorary Secretary, IEI, Kozhikode Local Centre, 'AKASH', First Floor, Cherooty Nagar Housing Colony, K P Chandran Road, Puthiyara PO, Kozhikode 673004 [☎: (0495) 2770614; e-mail: kozhikodelc@ieiindia.org]

Thirty-third National Convention of Architectural Engineers on **"Architectural Engineering Aspect for Building Envelopes"**

Hyderabad, November 10-11, 2017

The Honorary Secretary, IEI, Telangana State Centre, Visvesvaraya Bhavan, Khairatabad, Hyderabad, Telangana 500004 [☎: (040) 23314969; e-mail: telanganasc@ieiindia.org]

All India Workshop on **"Training Group Leaders in Tribal Housing Technologies"**

Kozhikode, November 20-25, 2017

The Honorary Secretary, IEI, Kozhikode Local Centre, 'AKASH', First Floor, Cherooty Nagar Housing Colony, K P Chandran Road, Puthiyara PO, Kozhikode 673004 [☎: (0495) 2770614; e-mail: kozhikodelc@ieiindia.org]

All India Workshop on **"Advanced Computer Visualization Tools for Architectural Engineering"**

Salem, January 19-20, 2018

The Honorary Secretary, IEI, Salem Local Centre, 3rd Floor, SPC Bhawan, No.104/7, Manivannan Street, Opp to Salem New Bus Stand, Salem 636004, Tamilnadu [☎: (0427) 2332544; e-mail: salemc@ieiindia.org]

Chemical Engineering Division

One Day Seminar on **"Effective and Remunerative Approach in Production of Ethernet from Seaweeds"**

Salem, October 05, 2017

The Honorary Secretary, IEI, Salem Local Centre, 3rd Floor, SPC Bhawan, No.104/7, Manivannan Street, Opp to Salem New Bus Stand, Salem 636004, Tamilnadu [☎: (0427) 2332544; e-mail: salemc@ieiindia.org]

All India Seminar on **"Safety Management and Energy Conservation in Process Industries"**

Hyderabad, October 06-07, 2017

The Honorary Secretary, IEI, Telangana State Centre, Visvesvaraya Bhavan, Khairatabad, Hyderabad, Telangana 500004 [☎: (040) 23314969; e-mail: telanganasc@ieiindia.org]

Civil Engineering Division

All India Workshop on **"Extreme Loading on Structures"**

Roorkee, October 26-27, 2017

The Honorary Secretary, IEI, Roorkee Local Centre, IIT Campus, Roorkee 247667, Tel: (01332) 284 416, TeleFax: (01332) 272 589 [e-mail: roorkeelc@ieiindia.org]

All India Seminar on **"Innovations and Challenges in Materials and Construction"**

Kanpur, October 28-29, 2017

The Honorary Secretary, IEI, Kanpur Local Centre, Engineers Bhawan, HBTI East Campus, Nawabganj, Kanpur 208002 [TeleFax: (0512) 256 0034; e-mail: kanpurc@ieiindia.org]

Workshop on **"National Building Code of India - 2016"**

Salem, November 02-03, 2017

The Honorary Secretary, IEI, Salem Local Centre, 3rd Floor, SPC Bhawan, No.104/7, Manivannan Street, Opp to Salem New Bus Stand, Salem 636004, Tamilnadu [☎: (0427) 2332544; e-mail: salemc@ieiindia.org]

All India Seminar on **"Sustainable Materials and Technology for Better Future"**

Rourkela, November 11-12, 2017

The Honorary Secretary, IEI, Rourkela Local Centre, National Institute of Technology Campus, Rourkela 769 008 [Fax: (0661) 247 2709; e-mail: rourkelalc@ieiindia.org]

All India Workshop on **"Mass Housing and Rapid Construction"**

Roorkee, November 14-15, 2017

The Honorary Secretary, IEI, Roorkee Local Centre, IIT Campus, Roorkee 247667, Tel: (01332) 284 416, TeleFax: (01332) 272 589 [e-mail: roorkeelc@ieiindia.org]

One Day Seminar on **"Modern Surveying Techniques"**

Salem, December 16, 2017

The Honorary Secretary, IEI, Salem Local Centre, 3rd Floor, SPC Bhawan, No.104/7, Manivannan Street, Opp to Salem New Bus Stand, Salem 636004, Tamilnadu [☎: (0427) 2332544; e-mail: salemc@ieiindia.org]

Workshop on **"Disaster Mitigation Measures Adopting National Building Code"**

Salem, December 20, 2017

The Honorary Secretary, IEI, Salem Local Centre, 3rd Floor, SPC Bhawan, No.104/7, Manivannan Street, Opp to Salem New Bus Stand, Salem 636004, Tamilnadu [☎: (0427) 2332544; e-mail: salemc@ieiindia.org]

One Day Seminar on **"Cost Effective and Eco-friendly Construction Technology"**

Salem, January 10, 2018

The Honorary Secretary, IEI, Salem Local Centre, 3rd Floor, SPC Bhawan, No.104/7, Manivannan Street, Opp to Salem New Bus Stand, Salem 636004, Tamilnadu [☎: (0427) 2332544; e-mail: salemc@ieiindia.org]

All India Seminar on **"Concrete and Steel Structures – Care for their Health and Longevity"**

Bokaro, August 25-26, 2018

The Honorary Secretary, IEI, Bokaro Steel City Local Centre, Abhiyanta Bhavan, Sector 5A, Bokaro Steel City 827006 [☎: (06542) 267227 / 288972; e-mail: bokarolc@ieiindia.org]



Thirty-fourth National Convention of Civil Engineers, on "Innovative Trends in Civil Engineering for Sustainable Development"

Pune, September 28-29, 2018

The Honorary Secretary, IEI, Pune Local Centre, Abhiyanta Bhavan, 1332, J M Road, Shivajinagar, Pune 411005, Maharashtra [☎: 020-25533376 / 25520239 / 25530150; e-mail: punelc@ieindia.org]

Computer Engineering Division

One Day Seminar on "Data Science and Big Data Analytics"

Kanchepuram, October 27, 2017

The Honorary Secretary, IEI, Kanchepuram Local Centre, Agni College of Technology – ACT, Old Mahabalipuram Road, Thalambur, Chennai 600130 [e-mail: kanchepuramlc@ieindia.org]

One Day Workshop on "Foundation of Machine Learning Algorithm"

Solapur, November 19, 2017

The Honorary Secretary, IEI, Solapur Local Centre, Vastu Vaibhav, 3 North Kasaba, 4th Floor, Near Laxmi Bank, Shivaji Chowk, Solapur 413001 [☎: 0217-2727707; e-mail: solapurlc@ieindia.org]

All India Seminar on "Green Computing, Intelligent and Renewable Energy"

Kanchepuram, January 08-09, 2018

The Honorary Secretary, IEI, Kanchepuram Local Centre, Agni College of Technology – ACT, Old Mahabalipuram Road, Thalambur, Chennai 600130 [e-mail: kanchepuramlc@ieindia.org]

All India Seminar on "Impact of Data Analysis on Business of Future through IoT & Social Media"

Ahmedabad, January 19-20, 2018

The Honorary Secretary, IEI Gujarat State Centre, Bhaikaka Bhavan, Law College Road, Ahmedabad 380006 [☎: (079) 26400811; Fax: (079) 26561825; e-mail: gujaratssc@ieindia.org]

Thirty-second National Convention of Computer Engineers on "Application of IoT in Rural Development"

Ahmedabad, February 24-25, 2018

The Honorary Secretary, IEI Gujarat State Centre, Bhaikaka Bhavan, Law College Road, Ahmedabad 380006 [☎: (079) 26400811; Fax: (079) 26561825; e-mail: gujaratssc@ieindia.org]

Thirty-third National Convention of Computer Engineers on "Computer Cognitions and Intelligent Systems"

Ghaziabad, February 15-16, 2019

The Honorary Secretary, IEI, Ghaziabad Local Centre, 15 Shopping Complex, ALTT Centre, Rajnagar, Ghaziabad 201002 [☎: 0120-2728699/2702673; e-mail: ghaziabadlc@ieindia.org]

Electrical Engineering Division

All India Seminar on "National Electric Mobility Mission 2020"

Delhi, November 17-18, 2017

The Honorary Secretary, IEI, Delhi State Centre, Engineers Bhawan, Bahadur Shah Zafar Marg, New Delhi 110002 [☎: (011) 23379052/23379948; Fax: (011) 23370489; e-mail: delhisc@ieindia.org]

Thirty-third National Convention of Electrical Engineers on "Hybrid AC/DC Power Systems for Effective Utilization of Renewable Energy"

Tiruchirapalli, November 24-25, 2017

The Honorary Secretary, IEI, Tiruchirapalli Local Centre, BHEL Main Office Road, Tiruchirapalli 620014 [☎: (0431) 255 4285; Fax: (0431) 252 0383 / 252 0775; e-mail: tiruchirapallilc@ieindia.org]

All India Seminar on "Energy, Power and Electrical Engineering"

Guwahati, November 24-25, 2017

The Honorary Secretary, IEI, Assam State Centre, Panbazar Overbridge, East Lane, Guwahati 781001 [☎: (0361) 2548742; Fax: (0361) 2630368; e-mail: assamsc@ieindia.org]

One Day Seminar on "Integration and Challenges on Renewable Energy Systems"

Chennai, December 27, 2017

The Honorary Secretary, IEI Kanchepuram Local Centre, Agni College of Technology – ACT, Old Mahabalipuram Road, Thalambur, Chennai 600130 [e-mail: kanchepuramlc@ieindia.org]

All India Seminar on "Recent Trends in Renewable Energy"

Chennai, January 03-04, 2018

The Honorary Secretary, IEI Kanchepuram Local Centre, Agni College of Technology – ACT, Old Mahabalipuram Road, Thalambur, Chennai 600130 [e-mail: kanchepuramlc@ieindia.org]

One Day Workshop on "An Overview of Substation Control System Engineering"

Chennai, January 24, 2018

The Honorary Secretary, IEI Kanchepuram Local Centre, Agni College of Technology – ACT, Old Mahabalipuram Road, Thalambur, Chennai 600130 [e-mail: kanchepuramlc@ieindia.org]

All India Seminar on "Recent Trends in Renewable Energy Application and Research"

Ahmedabad, February 16-17, 2018

The Honorary Secretary, IEI Gujarat State Centre, Bhaikaka Bhavan, Law College Road, Ahmedabad 380006 [☎: (079) 26400811; Fax: (079) 26561825; e-mail: gujaratssc@ieindia.org]

All India Seminar on "Major Advances and Sustainable Developments in Renewable Energy Sources and their Applications"

Jamshedpur, February 23-24, 2018

The Honorary Secretary, IEI, Jamshedpur Local Centre, Pipe Line Road, Sakchi (Between Red Cross Society and TCE Building), Jamshedpur 831001 [☎: (0657) 2234316; Fax: (0657) 2230159; e-mail: jamshedpurcl@ieindia.org]

"National Power Engineering Conference – 2018"

Madurai, March 09-10, 2018

The Honorary Secretary, IEI, Madurai Local Centre, T M Jambulingam Bhavan, 1 Vivekananda Nagar, 100 Feet Road, Surveyor Colony, K Pudur, Madurai 625 007 [☎: (0452) 256 1783; e-mail: madurailc@ieindia.org]

International Conference on "Recent Developments in Cleaner and Safer Nuclear Power Generation"

Hyderabad, May 24-26, 2018

The Honorary Secretary, IEI, Telangana State Centre,

Visvesvaraya Bhavan, Khairatabad, Hyderabad, Telangana 500004 [☎: (040) 23314969; e-mail: telanganasc@ieindia.org]

Electronics & Telecom. Engineering Division

All India Workshop on "Physical Computing using Arduino"

Kanchepuram, October 5-6, 2017

The Honorary Secretary, IEI Kanchepuram Local Centre, Agni College of Technology – ACT, Old Mahabalipuram Road, Thalambur, Chennai 600130 [e-mail: kanchepuramlc@ieindia.org]

One Day Workshop on "LabVIEW and its Applications"

Visakhapatnam, October 07, 2017

The Honorary Secretary, IEI, Visakhapatnam Local Centre, 9-12-31/1, Beside A U Engineering Girls Hostel, Visakhapatnam 530003 [☎: 0891-2747460; e-mail: visakhapatnamlc@ieindia.org]

One Day Seminar on "Wireless Sensor Networks in Human Healthcare Monitoring System"

Salem, October 09, 2017

The Honorary Secretary, IEI, Salem Local Centre, 3rd Floor, SPC Bhawan, No.104/7, Manivannan Street, Opp to Salem New Bus Stand, Salem 636004, Tamilnadu [☎: (0427) 2332544; e-mail: salemcl@ieindia.org]

One Day Seminar on "Image and Video Processing"

Solapur, October 31, 2017

The Honorary Secretary, IEI, Solapur Local Centre, Vastu Vaibhav, 3 North Kasaba, 4th Floor, Near Laxmi Bank, Shivaji Chowk, Solapur 413001 [☎: 0217-2727707; e-mail: solapurlc@ieindia.org]

One Day Seminar on "Development of Polygate n-MOS Technology"

Pilani, November 07, 2017

The Honorary Secretary, IEI, Pilani Local Centre, C Block, B K Birla Institute of Engineering and Technology Campus, CEERI Road, Pilani 333031

One Day Seminar on "MIMO Techniques for Sensing Cardiopulmonary Activity"

Salem, November 15, 2017

The Honorary Secretary, IEI, Salem Local Centre, 3rd Floor, SPC Bhawan, No.104/7, Manivannan Street, Opp to Salem New Bus Stand, Salem 636004, Tamilnadu [☎: (0427) 2332544; e-mail: salemcl@ieindia.org]

Thirty-third National Convention of Electronics and Telecommunication Engineers on "Recent Advances in IoT"

Hyderabad, November 29-30, 2017

The Honorary Secretary, IEI, Telangana State Centre, Visvesvaraya Bhavan, Khairatabad, Hyderabad, Telangana 500004 [☎: (040) 23314969; e-mail: telanganasc@ieindia.org]

One Day Seminar on "Nanotechnology in Medical Applications"

Salem, December 09, 2017

The Honorary Secretary, IEI, Salem Local Centre, 3rd Floor, SPC Bhawan, No.104/7, Manivannan Street, Opp to Salem New Bus Stand, Salem 636004, Tamilnadu [☎: (0427) 2332544; e-mail: salemcl@ieindia.org]



One Day Seminar on “5-G Technologies & Future Scenario”

New Delhi, December 16, 2017

The Honorary Secretary, IEI, Delhi State Centre, Engineers Bhawan, Bahadur Shah Zafar Marg, New Delhi 110002 [☎: (011) 23379052/23379948; Fax: (011) 23370489; e-mail: delhisc@ieiindia.org]

Environmental Engineering Division

One Day Seminar on ‘Waste to Energy Technology’

Pilani, October 15, 2017

The Honorary Secretary, IEI, Pilani Local Centre, C Block, B K Birla Institute of Engineering and Technology Campus, CEERI Road, Pilani 333031

All India Seminar on ‘Carbon Sequestration and Climate Change Mitigation’

Puducherry, October 26-27, 2017

The Honorary Secretary, IEI, Puducherry State Centre, 63 N S C Bose Salai, PWD Campus, Ground Floor, Circile-I Office, Puducherry 605 001 [☎: (0413) 2331815; e-mail: puducherryisc@ieiindia.org]

All India Seminar on “E-Waste”

Lucknow, October 28-29, 2017

The Honorary Secretary, IEI, Uttar Pradesh State Centre, Engineers Bhawan, River Bank Colony, Lucknow 226018 [TeleFax: (0522) 2625322; e-mail: upsc@ieiindia.org]

One day Workshop on “HVAC & R Industry”

Ranchi, November 25, 2017

The Honorary Secretary, IEI, Jharkhand State Centre, Engineer Bhawan, Nepal Kothi Campus, Ranchi 834002 [☎: (0651) 2491344; web: ieijsc.org; e-mail: jharkhandsc@ieiindia.org]

All India Seminar on “Water Conservation through 3R’s – Reduce, Recycle and Reuse”

Bokaro, December 02-03, 2017

The Honorary Secretary, IEI, Bokaro Steel City Local Centre, Abhiyanta Bhavan, Sector 5A, Bokaro Steel City 827006 [☎: (06542) 267227 / 288972; e-mail: bokarolc@ieiindia.org]

All India Seminar on ‘Cyber Physical Systems for Water Security in Urban and Rural Areas’

Mangalore, December 27-28, 2017

The Honorary Secretary, IEI, Mangalore Local Centre, 2nd floor, Opal Complex, Opp Bejai Church, Bejai, Mangalore 575 004 [☎: (0824) 2400112; email: mangalorelc@ieiindia.org]

One Day Workshop on “Project Management Cost & Time Overrun”

Ranchi, January 14, 2018

The Honorary Secretary, IEI, Jharkhand State Centre, Engineer Bhawan, Nepal Kothi Campus, Ranchi 834002 [☎: (0651) 2491344; web: ieijsc.org; e-mail: jharkhandsc@ieiindia.org]

All India Seminar on “Water Quality Management Strategies Determination for Streams in a River Basin”

Kolar, January 23-24, 2018

The Honorary Secretary, IEI, Kolar Local Centre, Dr T Thimmaiah Institute of Technology Premises, Oorgaam, Kolar Gold Fields 563120 [e-mail: kolarlc@ieiindia.org]

One Day Workshop on “Environmental Management and Sustainable Development”

Thanjavur, January 24, 2018

The Honorary Secretary, IEI, Thanjavur Local Centre, Periyar Maniammal University, Periyar Nagar, Vallam, Thanjavur 613403 [e-mail: thanjavurlc@ieiindia.org]

All India Seminar on “Energy Efficiency in HVAC & R”

Ranchi, February 10-11, 2018

The Honorary Secretary, IEI, Jharkhand State Centre, Engineer Bhawan, Nepal Kothi Campus, Ranchi 834002 [☎: (0651) 2491344; web: ieijsc.org; e-mail: jharkhandsc@ieiindia.org]

One Day Seminar on “Sewage Treatment and Disposal”

Thanjavur, February 23, 2018

The Honorary Secretary, IEI, Thanjavur Local Centre, Periyar Maniammal University, Periyar Nagar, Vallam, Thanjavur 613403 [e-mail: thanjavurlc@ieiindia.org]

Thirty-fourth National Convention of Environmental Engineers on “Environmental Pollution and Climate Change”

New Delhi, August 10-11, 2018

The Honorary Secretary, IEI, Delhi State Centre, Engineers Bhawan, Bahadur Shah Zafar Marg, New Delhi 110002 [☎: (011) 23379052/23379948; Fax: (011) 23370489; e-mail: delhisc@ieiindia.org]

Marine Engineering Division

Thirty-first National Convention of Marine Engineers on “Inland Water Transport – Technical Challenges & Opportunities”

Kolkata, October 15-16, 2017

The Honorary Secretary, IEI, Durgapur Local Centre, Nehru Avenue, ‘B’ Zone, Durgapur 713205, [Fax: (0343) 256 4770; e-mail: durgapurlc@ieiindia.org]

All India Seminar on ‘Natural Gas in Inland and Coastal Shipping’

Bhubaneswar, November 18-19, 2017

The Honorary Secretary, IEI, Odisha State Centre, Sachivalaya Marg, Unit IV, Bhubaneswar 751001 [TeleFax: (0674) 2390630; e-mail: odishasc@ieiindia.org]

Thirty-second National Convention of Marine Engineers on “Emerging Trends and Developments in Marine Technology”

Chennai, August 18-19, 2018

The Honorary Secretary, IEI, Tamilnadu State Centre, 19 Swami Sivananda Salai, Chempauk, Chennai 600005 [☎: (044) 25360614/64998729; Fax: (044) 25369433; e-mail: tnscc@ieiindia.org]

Mechanical Engineering Division

One Day Workshop on “CAD/CAM”

Salem, October 10, 2017

The Honorary Secretary, IEI, Salem Local Centre, 3rd Floor, SPC Bhawan, No.104/7, Manivannan Street, Opp to Salem New Bus Stand, Salem 636004, Tamilnadu [☎: (0427) 2332544; e-mail: salemc@ieiindia.org]

One Day Seminar on “Role of Automation in Integrating Renewable Energy”

Salem, October 11, 2017

The Honorary Secretary, IEI, Salem Local Centre, 3rd Floor, SPC Bhawan, No.104/7, Manivannan Street, Opp to Salem New Bus Stand, Salem 636004, Tamilnadu [☎: (0427) 2332544; e-mail: salemc@ieiindia.org]

One Day Workshop on “Hands on Advanced Manufacturing Processes”

Solapur, October 15, 2017

The Honorary Secretary, IEI, Solapur Local Centre, Vastu Vaibhav, 3 North Kasaba, 4th Floor, Near Laxmi Bank, Shivaji Chowk, Solapur 413001 [☎: 0217-2727707; e-mail: solapurc@ieiindia.org]

All India Seminar on “Recent and Emerging Trends in Robotics and Artificial Intelligence”

Bangalore, October 27-28, 2017

The Honorary Secretary, IEI, Karnataka State Centre, 3 Dr. B R Ambedkar Veedhi Bangalore 560 001 [☎: (080) 22264698, Telefax: (080) 22256191; e-mail: karnatakasc@ieiindia.org]

All India Seminar on “Energy Efficiency Intervention for Operational Cost Reduction in Manufacturing Industries”

Delhi, November 03-04, 2017

The Honorary Secretary, IEI, Delhi State Centre, Engineers Bhawan, Bahadur Shah Zafar Marg, New Delhi 110002 [☎: (011) 23379052/23379948; Fax: (011) 23370489; e-mail: delhisc@ieiindia.org]

All India Seminar on “Sources of Planet Energy, Environmental & Disaster Science: Glacier Melting and it’s Challenges”

Lucknow, November 18-19, 2017

The Honorary Secretary, IEI, Uttar Pradesh State Centre, Engineers Bhawan, River Bank Colony, Lucknow 226018 [TeleFax: (0522) 2625322; e-mail: upsc@ieiindia.org]

International Conference on “Future Material Handling Prospects – Opportunities and Challenges”

Ranchi, January 27-28, 2018

The Honorary Secretary, IEI, Jharkhand State Centre, Engineer Bhawan, Nepal Kothi Campus, Ranchi 834002 [☎: (0651) 2491344; web: ieijsc.org; e-mail: jharkhandsc@ieiindia.org]

All India Seminar on “Recent Development in Mechanical Engineering – Computational Heat Transfer, Fluid Flow and Energy Systems”

Thiruvananthapuram, July 14-15, 2018

The Honorary Secretary, IEI, Kerala State Centre, Visvesvaraya Bhavan, Opposite Kanakaunnu Palace, Thiruvananthapuram 695033 [☎: (0471) 2322991, 2322993; TeleFax: (0471) 2322992; e-mail: keralasc@ieiindia.org]

Thirty-fourth National Convention of Mechanical Engineers on “Mechanical Engineering and Engineering Challenges for Manufacturing”

Delhi, September 01-02, 2018

The Honorary Secretary, IEI, Delhi State Centre, Engineers Bhawan, Bahadur Shah Zafar Marg, New Delhi 110002 [☎: (011) 23379052/23379948; Fax: (011) 23370489; e-mail: delhisc@ieiindia.org]

Thirty-fifth National Convention of Mechanical Engineers, on “Exploring Trends and Developments in Automobile Engineering”

Hosur, September 13-14, 2019

The Honorary Secretary, IEI, Hosur Local Centre, No.69, Kamaraj Nagar, Kumudapall, Near Adhiyamaan College of Engineering, Tamil Nadu, Hosur 635109 [e-mail: hosurc@ieiindia.org]



Metallurgical & Materials Engg. Division

All India Seminar on **"Mechanics, Design and Testing of Composites"**

Madurai, January 04-05, 2018

The Honorary Secretary, IEI, Madurai Local Centre, T M Jambulingam Bhavan, 1 Vivekananda Nagar, 100 Feet Road, Surveyor Colony, K Pudur, Madurai 625 007 [☎: (0452) 256 1783; e-mail: madurailc@ieiindia.org]

All India Seminar on **"Advances in Metallurgy and Manufacturing Process"**

Hyderabad, January 05-06, 2018

The Honorary Secretary, IEI, Telangana State Centre, Visvesvaraya Bhavan, Khairatabad, Hyderabad, Telangana 500004 [☎: (040) 23314969; e-mail: telanganasc@ieiindia.org]

All India Workshop on **"Additive Manufacturing: Materials and Process"**

Ranchi, January 12-13, 2018

The Honorary Secretary, IEI, Jharkhand State Centre, Engineer Bhawan, Nepal Kothi Campus, Ranchi 834002 [☎: (0651) 2491344; web: ieijsc.org; e-mail: jharkhandsc@ieiindia.org]

Thirty-first National Convention of Metallurgical & Materials Engineers on **"Role of Stakeholders in Development of Roadmap for Steel Vision"**

Kolkata, January 19-20, 2018

The Honorary Secretary, IEI, West Bengal State Centre, 8 Gokhale Road, Kolkata 700020 [☎: (033)22238914; Fax: (033) 22233140; e-mail: wbsc@ieiindia.org]

International Conference of Metallurgical & Materials Engineering Division on **"Synthesis, Characterization and Application of Nanomaterials [SCAN]"**

Kolkata, November 01-03, 2018

The Honorary Secretary, IEI, West Bengal State Centre, 8 Gokhale Road, Kolkata 700020 [☎: (033)22238914; Fax: (033) 22233140; e-mail: wbsc@ieiindia.org]

Mining Engineering Division

All India Seminar on **"Advancement in Mine Closure and Rehabilitation Techniques"**

Ranchi, December 16-17, 2017

The Honorary Secretary, IEI, Jharkhand State Centre, Engineer Bhawan, Nepal Kothi Campus, Ranchi 834002 [☎: (0651) 2491344; web: ieijsc.org; e-mail: jharkhandsc@ieiindia.org]

Twenty-ninth National Convention of Mining Engineers on **"Sustainable Open Cast Mining at Small Mines"**

Salem, February 22-23, 2018

The Honorary Secretary, IEI, Salem Local Centre, 3rd Floor, SPC Bhawan, No.104/7, Manivannan Street, Opp to Salem New Bus Stand, Salem 636004, Tamilnadu [☎: (0427) 2332544; e-mail: salemlc@ieiindia.org]

Production Engineering Division

One Day Seminar on **"Total Productive Management"**

Pilani, October 16, 2017

The Honorary Secretary, IEI, Pilani Local Centre, C Block, B K Birla Institute of Engineering and Technology Campus, CEERI Road, Pilani 333031

All India Workshop on **"Quality Improvement in Products and Processes: Principles, Methods and**

Applications"

Kolkata, October 27-28, 2017

The Honorary Secretary, IEI, West Bengal State Centre, 8 Gokhale Road, Kolkata 700020 [☎: (033)22238914; Fax: (033) 22233140; e-mail: wbsc@ieiindia.org]

All India Seminar on **"Unconventional Machining and Modern Production Techniques"**

Bhubaneswar, January 13-14, 2018

The Honorary Secretary, IEI, Odisha State Centre, Sachivalaya Marg, Unit IV, Bhubaneswar 751001 [TeleFax: (0674) 2390630; e-mail: odishasc@ieiindia.org]

All India Seminar on **"Challenges and Advances of Rapid Prototyping in Production Engineering"**

Tiruchengode, February 02-03, 2018

The Honorary Secretary, IEI, Salem Local Centre, 3rd Floor, SPC Bhawan, No.104/7, Manivannan Street, Opp to Salem New Bus Stand, Salem 636004, Tamilnadu [☎: (0427) 2332544; e-mail: salemlc@ieiindia.org]

All India Workshop on **"Six Sigma Fundamentals and Applications"**

Kolkata, March 16-17, 2018

The Honorary Secretary, IEI, West Bengal State Centre, 8 Gokhale Road, Kolkata 700020 [☎: (033)22238914; Fax: (033) 22233140; e-mail: wbsc@ieiindia.org]

Thirty-third National Convention of Production Engineers on **"Advances in Manufacturing and Systems Engineering"**

Bhubaneswar, May 19-20, 2018

The Honorary Secretary, IEI, Odisha State Centre, Sachivalaya Marg, Unit IV, Bhubaneswar 751001 [TeleFax: (0674) 2390630; e-mail: odishasc@ieiindia.org]

Textile Engineering Division

One Day Workshop on **"Geo Textiles in Civil Engineering"**

Ahmedabad, October 07, 2017

The Honorary Secretary, IEI Gujarat State Centre, Bhakka Bhavan, Law College Road, Ahmedabad 380006 [☎: (079) 26400811; Fax: (079) 26561825; e-mail: gujaratasc@ieiindia.org]

Thirty-first National Convention of Textile Engineers on **"Indian Textile Industries: Future Direction"**

Hosur, February 17-18, 2018

The Honorary Secretary, IEI, Hosur Local Centre, No.69, Kamaraj Nagar, Kumudapalli, Near Adhiyamaan College of Engineering, Tamilnadu, Hosur 635109 [e-mail: hosurlc@ieiindia.org]

Interdisciplinary Coordination Committee

One Day Workshop on **"Utilization of Industrial & Mining Wastes in Engineering Projects for Materials Sustainability"**

Jamshedpur, October 07, 2017

The Honorary Secretary, IEI, Jamshedpur Local Centre, Pipe Line Road, Sakchi (Between Red Cross Society and TCE Building), Jamshedpur 831001 [☎: (0657) 2234316; Fax: (0657) 2230159; e-mail: jamshedpurlc@ieiindia.org]

All India Seminar on **"Real Estate Industry and Agricultural Potential of India"**

Delhi, October 06-07, 2017

The Honorary Secretary, IEI, Delhi State Centre, Engineers Bhawan, Bahadur Shah Zafar Marg, New

Delhi 110002 [☎: (011) 23379052/23379948; Fax: (011) 23370489; e-mail: delhisc@ieiindia.org]

All India Seminar on **"Role of Engineers in the Development of Smart Cities in India"**

Pune, October 7-8, 2017

The Honorary Secretary, IEI, Pune Local Centre, Abhiyanta Bhavan, 1332, J M Road, Shivajinagar, Pune 411005 [☎: 020-25533376 / 25520239 / 25530150; e-mail: punelc@ieiindia.org]

All India Seminar on **"Prospects of Industrial Consultancy, Research and Incubation in Academic Institutions"**

Bangalore, October 11-12, 2017

The Honorary Secretary, IEI, Karnataka State Centre, 3 Dr. B R Ambedkar Veedhi Bangalore 560 001 [☎: (080) 22264698, Telefax: (080) 22256191; e-mail: karnatakasc@ieiindia.org]

All India Seminar on **"Advances in Engineering & Technology for Sustainable Development"**

Pantnagar, November 25-26, 2017

The Honorary Secretary, IEI, Pantnagar Local Centre, 209A (Old Building), College of Technology, Pantnagar 263145 [☎: (05944) 235 582 / 233 457; Fax: (05944)235582 /233473; e-mail: pantnagarlc@ieiindia.org]

All India Seminar on **"Engineering Projects: Contracts, Funding and Legal Aspects"**

Jabalpur, December 09-10, 2017

The Honorary Secretary, IEI, Jabalpur Local Centre, Visvesvaraya Marg, Civil Lines, Jabalpur 482 001 [TeleFax: (0761) 267 8929; Fax: (0761) 404 5625; e-mail: jabalpurlc@ieiindia.org]

One Day Workshop on **"Communication and Personality Development for Engineers"**

Ahmedabad, February 10, 2018

The Honorary Secretary, IEI Gujarat State Centre, Bhakka Bhavan, Law College Road, Ahmedabad 380006 [☎: (079) 26400811; Fax: (079) 26561825; e-mail: gujaratasc@ieiindia.org]

All India Seminar on **"Making India Self Reliant – Emerging Technologies"**

Ranchi, February 24-25, 2018

The Honorary Secretary, IEI, Jharkhand State Centre, Engineer Bhawan, Nepal Kothi Campus, Ranchi 834002 [☎: (0651) 2491344; web: ieijsc.org; e-mail: jharkhandsc@ieiindia.org]

International Conference on **"Emerging Technologies for Sustainable and Intelligent Technologies for HVAC & R Systems"**

Kolkata, July 20-21, 2018

The Honorary Secretary, IEI, West Bengal State Centre, 8 Gokhale Road, Kolkata 700020 [☎: (033)22238914; Fax: (033) 22233140; e-mail: wbsc@ieiindia.org]

National Languages Promotional Committee

One Day Seminar on **"The System of Running & Rectification of Defects of a Turbo Generator in Eastern India" (in Bengali)**

Durgapur, January 15, 2018

The Honorary Secretary, IEI, Durgapur Local Centre, Nehru Avenue, 'B' Zone, Durgapur 713205, [Fax: (0343) 256 4770; e-mail: durgapurlc@ieiindia.org]



32nd INDIAN ENGINEERING CONGRESS

Chennai, December 21-23, 2017

Theme:

Innovation in Engineering : Competitive Strategy Perspective

Organized by: **The Institution of Engineers (India)**

Hosted by: **Tamilnadu State Centre**

Contact : Organising Secretary, 32nd Indian Engineering Congress, The Institution of Engineers (India), Tamilnadu State Centre
19 Swami Sivananda Salai, Chepauk, Chennai 600005, Tel: +91 94440 19091/ +91 72999 13060
Web: iec2017chennai.in; Email: tncs@ieindia.org/admin@iec2017chennai.in

Twenty-fifth IEI Convocation and Technicians'/Students' Convention

Goa, October 28-29, 2017

Theme: Role of Engineers towards Skill India Mission

Sub-themes:

- Skill India Mission: Opportunities and Challenges
- Engineering Education for Mission, Skill India
- Technological Advancement to propel India in next three decades
- Employment Opportunities with Skilled Manpower
- Training the Masses: Path Ahead
- Equipping Engineering Colleges with Latest Curricula
- India going Global: Are we prepared?
- Role of Engineers in Technological Advancement, hands on Training and Meeting Employment Demand
- Industry Institute Interaction: Key to Skill India Mission
- Role of Infrastructure in Mission, Skill India

With this in focus, papers are invited from Technician/Senior Technician members, students of polytechnics and engineering colleges for presentation in the All India Technicians'/Students' Convention to be held on 28 Oct 2017 at Goa. The papers shall be on innovative ideas, design, prototype and technology development, case studies, survey details augmenting innovations, etc. pertaining to the theme so as to reach at Goa State Centre latest by 25 Sep 2017.

Organized by: **The Institution of Engineers (India)**
Hosted by: **Goa State Centre**

For further information, please contact :

The Organising Secretary (Convocation 2017), The Institution of Engineers (India)
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IEI - Springer Journal



ISSN Print: 2250-2149
ISSN Online: 2250-2157



ISSN Print: 2250-2106
ISSN Online: 2250-2114



ISSN Print: 2250-0545
ISSN Online: 2250-0553



ISSN Print: 2250-2483
ISSN Online: 2250-2491



ISSN Print: 2250-2122
ISSN Online: 2250-2130

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IEI NEWS

ISSN 0971-3352

Owner : The Institution of Engineers (India), 8 Gokhale Road, Kolkata 700 020
Printer : Maj Gen S Bhattacharya, VSM (Retd), Secretary & Director General
Publisher : Maj Gen S Bhattacharya, VSM (Retd), Secretary & Director General
Published from : 8 Gokhale Road, Kolkata 700 020
Printed from : M/s Florence Offset Process Pvt. Ltd.
6A S N Banerjee Road, Kolkata 700013
Editor : Maj Gen S Bhattacharya, VSM (Retd), Secretary & Director General

President : **Mr Navinchandra B Vasoya**

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