



# IEI NEWS



October 2019

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A CENTURY OF SERVICE TO THE NATION

Volume 26

Number 7

## Inauguration of Centenary Celebrations of IEI



The Institution of Engineers (India) has entered into its Centenary year of service to the Nation. This momentous event is being marked by a number of Seminars to be conducted in India and abroad. The event will be culminating in the Global Engineering Congress in 2020. To usher in the next Century, the Inaugural Ceremony was held in Hotel Le Royal Meridien Chennai on 13 September 2019. The Inaugural function was graced by Hon'ble Governor of Tamilnadu, Mr Banwarilal Purohit as Chief Guest. Hon'ble Minister for Tamil Official Language and Tamil Culture, Government of Tamilnadu, Mr K Pandiarajan, was the Guest of Honour. A key-note speech on the theme "Transforming Engineering Education: The Centennial Imperative" was delivered by Prof Anil D Sahasrabudhe, Chairman AICTE. A Special Achievement Award was bestowed on Dr Marlene Kanga, President, World Federation of Engineering Organizations (WFEO). Dr E Sreedharan, the well known engineering icon of the country, was also felicitated as Eminent Engineering Personality on this occasion. The event was attended by a large galaxy of distinguished engineers, Past Presidents and Former Secretary & Director Generals of the Institution who were also felicitated on this occasion. During this event, a book - 'A Century of Service to the Nation' and a Souvenir of Centenary Celebration were released.

## From the President's Desk.....

The contemporary world, characterized by unprecedented technology revolution, has witnessed a paradigm shift in the functioning of both manufacturing and service sector. The confluence of emergent technologies like, Big Data, Artificial Intelligence, Disruptive Technologies etc, has taken centre stage and resulted in radical changes in business strategies and operations. There has been a growing realization in the corporate world for the need to incorporate innovations on a regular basis, which is necessary for enhanced product and process design, tuned with business strategies and contributing to the growth of the organization.



As I have highlighted earlier, the Institution has embarked upon initiatives to create meaningful platforms for discussing the rapid advancement of technologies and their impact on society at large. In Mauritius, an International Seminar on 'Disruptive Technologies: Shaping Future Innovations' was organized by Institution of Engineers, Mauritius on 21 August, 2019 under the aegis of Federation

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## Council Elects New President of IEI

Er Narendra Singh has a degree in Civil Engineering from MNNIT Allahabad (erstwhile Motilal Nehru Regional Engineering College, Allahabad) and is a Post Graduate in Irrigation & Hydro from University of Roorkee ( presently IIT Roorkee). Er Narendra Singh served with distinction in the Uttarakhand Irrigation Department and has vast experience in project implementation ranging from small and medium scale hydro projects to major hydraulic structures such as the one across Madhya Ganga Canal.

Er Narendra Singh was instrumental in successful rehabilitation of families affected by the construction of the 1000 MW Tehri Dam Project. His considerable efforts during his tenure with THDC India Limited have won accolades specially for his deft handling of this sensitive issue in the laid down timeframe. Based on his experience he has authored a popular book titled "Rehabilitation and Resettlement : Tehri Dam and other Major Hydro Power Project in India – An Approach for Future".

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IEI NEWS  
October 2019

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# IEI Centenary International Engineering Congress 2019, Doha, Qatar

The IEI Centenary International Engineering Congress 2019, a part of Centenary Celebrations of The Institution of Engineers (India), was hosted by its Qatar Overseas Chapter on the theme 'Smart Engineering – State of the Art Technologies in Oil & Gas and Infrastructure Development' in an elegant function in Doha, Qatar during 26-27 September 2019. The dignitaries present during the occasion were Dr Hassan al-Derham, President, Qatar University, Dr Nabeel al Salem, Chief Advisor-Partnership, Qatar Foundation Research, Development and Innovation, His Excellency The Ambassador of India to Qatar, Mr P Kumaran and Dr T M Gunaraja, President, The Institution of Engineers (India). Council Members and the Vice-President, The Institution of Engineers (India) were also present on the occasion. The technical sessions of this Congress were organized on two tracks-Challenges in the Petroleum Industry and Challenges in the Civil Infrastructure Industries in the Middle East. About 200 delegates, mainly from the academic and industry fraternity of India and Middle East countries like Qatar, Kuwait etc, attended the inauguration ceremony. The Centenary International Engineering Congress also included panel discussions on the inaugural day on the aforementioned tracks and the papers were presented by the authors/presenters.

An excellent exhibition was also organized on the occasion which was inaugurated on the first day jointly by H E the Ambassador of India to Qatar, President, Qatar University and President, The Institution of Engineers (India). School children from 14 Indian Schools in Qatar showcased an excellent array of projects involving integration of technologies. The presentations made and the models displayed were highly appreciated by all the dignitaries and those present.



This was followed by celebration of 52nd Engineers' Day which witnessed a gathering of the large engineering fraternity working in Qatar. This is the first time that the Centenary Celebrations of the Institution was celebrated overseas and the Institution proposed to conduct more such events in the future with the objective of creating meaningful and effective platforms for sharing ideas and experience among engineers. President, IEI, while speaking on the occasion, mentioned that the need of the hour is synergy between engineers across borders while promoting friendship, global dimensions of experience for engineers, engineering students, and the other stakeholders while the Institution continues to bolster its rich legacy of international linkages.

## From the President's Desk.....

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of Engineering Institutions of Asia and Pacific (FEIAP)-Standing Committee for Information and Communication Technology (ICT) and in collaboration with the University of Mauritius. Eminent speakers from different countries highlighted various aspects of technology enrichment through sharing and networking, role of disruptive technologies in the corporate strategic space, different applications of artificial intelligence, emphasizing the fact that the world is in flux and the people, innovation and technology are the cornerstone of any technology revolution.

Our Qatar Overseas Chapter, organized the Centenary International Engineering Congress on 'Smart Engineering-State of the Art Technologies in Oil & Gas and Infrastructure Development' during 26-27 September, 2019. The inaugural function was held in august presence of eminent dignitaries including the Ambassador of India to Qatar, President, Qatar University and Chief Advisor-Partnership, Qatar Foundation Research, Development and Innovation. The event was followed by panel discussions, memorial lectures, technical paper presentations and was very well attended by the

academic and industry fraternity from India as well as Middle East countries. An exhibition was also organized on the occasion by school children from Indian schools in Qatar showcasing an excellent array of projects involving integration of technologies.

This was followed by celebration of 52nd Engineers' Day at Doha on 27 September 2019, which witnessed a gathering of the large engineering fraternity working in Qatar. The international event highlighted synergy amongst engineers across borders and provided a global dimension for engineers and other stakeholders.

I am happy to inform you that the Council, at its' 706th Meeting held at Mumbai on 21 September, 2019 unanimously elected Er Narendra Singh, as the next President of The Institution of Engineers (India) for the session 2019-2020. I wish him the very best in his endeavour and I'm sure that Er Narendra Singh with his vision and leadership will take the Institution to greater heights.



## Conferment of Honorary Fellowship to Hon'ble Governor of Assam, Prof Jagdish Mukhi



## Conferment of Honorary Fellowship to Hon'ble Lt Governor of Puducherry, Dr Kiran Bedi



## Contribution for Centenary Celebrations of The Institution of Engineers (India)

The Institution of Engineers (India) has entered its next Century in September 2019 and we intend to celebrate this significant landmark in a befitting manner. Various International Seminars are being organized in India and Overseas on contemporary and innovative themes culminating in Global Engineering Congress next year. Also, IEI has launched a special outreach programme to induct new members into its' fold along with an image enhancement programme to project the Institution both nationally and globally.

For this purpose, an IEI Centenary Fund has been established and the finances accrued by way of donation/sponsorship would be utilized to organize various events in the Centenary Year.

The contribution made under this section is exempted as per Section 80G of the Income Tax Act 1961, if made by cheque/draft/NEFT.

Details of IEI Centenary Fund are as follows.

Name of the Fund	IEI Centenary Fund
Bank	HDFC Bank
A/c No	50100301303426
IFSC Code	HDFC0000469

## Commercial Crops Processing and Value Addition

**Tripura State Centre** of the Institution in association with the Department of Agriculture & Farmer's Welfare, Government of Tripura, College of Agriculture, Tripura, Indian Council of Agricultural Research, Tripura Centre and National Bank for Agricultural & Rural Development, Tripura organized Thirty-third National Convention of Agricultural Engineers and National Conference on the topic 'Commercial Crops Processing and Value Addition' under the aegis of Agricultural Engineering Division Board (AGDB) of IEI during August 10-11, 2019 at Agartala. The Hon'ble Chief Minister of Tripura, Mr Biplab Kumar Deb graced the occasion as the Chief Guest.



Mr Deb, during his address, stressed upon the result-oriented strategy for revenue generation through advanced food processing techniques, food storage, reduction of food wastage, bench marking and optimum utilization of existing resources. Hon'ble Minister further stressed upon priority based agricultural strategy based on categorization of agri food products suitable to produce in the North East region, marketing of explored agro food products of North East region and profit sharing with farmer's community. The Guest-of-Honour on the occasion, Mr Pranajit Singha Roy, Hon'ble Minister for Agriculture, Transport and Tourism Department, Government of Tripura mentioned the significance of employment potential in agri food production, processing, marketing and export in North East region. He further stressed upon soil analysis, proper land study and effective utilization of cultivable land for high value crops, appropriate supply chain management of major agricultural produce, horticultural clusters of selected products, selected and focused farming of high produce crops for greater revenue and so on. Dr B K Kandpal, Joint Director, ICAR, Tripura Centre explained various aspects of value addition to the food products, advanced processing and storage, reduction of food wastage, optimum utilization of agricultural infrastructure and increased food security. Dr M Chowde Gowda, Chairman, AGDB, IEI, in his presidential address emphasized on improvement of infrastructural facilities of food production, exports of fruits and vegetables, market driven food processing, scope of employment generation and potential for vertical and horizontal growth in horticultural sector. Dr Gowda further stressed upon organized food processing units with skilled manpower to reduce wastage of agri products and enhanced cost effectiveness. Dr Swapan Bhaumik, Vice President, IEI was also addressed the august gathering highlighting the activities of IEI during this Centenary Year. On this occasion, three Eminent Engineering Personalities, namely, Dr K K Satpathy, Former Director, ICAR-NIRJAFT, Kolkata, Prof (Dr) H K Sharma, Director, National Institute of Technology Agartala (in absentia) and Dr Bijan Kumar Dutt, Retired Principal Scientist, Indian Agricultural Research Institute (IARI), Regional Station, Karnal, Haryana (in absentia) were felicitated for their valuable contributions in the field of Agricultural Engineering. Earlier, Mr Tapan Lodh, Chairman of the Centre welcomed the guests and dignitaries. The Rathindranath Tagore Memorial Lecture was delivered by Prof S M Ilyas, Former Vice Chancellor, NDU&T, Faizabad and Former Director, NAARM, Hyderabad on

the theme 'Scientific Commercial Processing and Value Addition of Fruits and Vegetables – A Potential Watershed in Significantly Boosting Farmers' Income and Promoting Indigenous Processing Industry'. In his lecture, Dr Ilyas emphasized on enhanced need of scientific post harvest practice, improvement of food products in pre harvest period, implementation and promotion of Quality and Safety standards of food products, controlled ambience for food processing, empowerment of the farmers in terms of revenue generation and enhancement of knowledge base and so on.

A State of the Art Lecture was delivered by Dr P Srinivasa Rao, Professor, Agricultural and Food Engineering Department, IIT Kharagpur on the topic 'High Pressure Processing: An Emerging and Potential Technology for Quality Improvement of Perishable Products'. Another State of the Art Lecture was presented by Md Abdul Quasem Mia, Chairman, Agricultural Engineering Division, The Institution of Engineers, Bangladesh (in absentia) on the topic 'Commercial Crop Processing and Value Addition'. During the occasion, the IEI Young Engineers Award 2019-2020 in Agricultural Engineering Division was presented to Dr Venu S A, Research Associate, Division of Postharvest Technology and Agricultural Engg, ICAR-Indian Institute of Horticultural Research, Hesaraghatta, Bengaluru, Dr Manoj Kumar Mahawar, Scientist, Horticultural Crop Processing Division, ICAR-CIPHET Abohar, Punjab and Mr Apoorv Prakash, Assistant Production Engineer, Department of Farm Machinery & Power Engineering, Punjab Agricultural University, Ludhiana. A Panel Discussion on the topic 'Opportunity for Agri based Industries in Tripura' was also organized where the panelists including Division Board Members shared their views. On the occasion, a Souvenir and Proceedings containing the abstracts of papers were released during the inaugural session. Dr Debasish Sen, Convener of the Conference proposed the vote of thanks.

*Recommendations emanated from the two-day National Conference include:*

- *Implementation of low cost technologies to enhance productivity and facilitate farmers' income*
- *Establishing small scale food processing Centres in Tripura*
- *Promotion of 'One Village-One Product' Policy*
- *Promoting efficient and cost effective storage of food products*
- *Accelerate high pressure quality food processing as a non thermal food processing technology model*
- *Promoting establishments of cold chain and cold storages in modified and controlled atmosphere*
- *Awareness Workshops for farmers to provide the knowledge base of primary and secondary processing of food products, Quality and Safety Codes and Standards*
- *Value addition in production with subsidy from Government*
- *Time and labour saving potential in entrepreneurship*
- *Processing of surplus fruits and vegetables for long term preservation, export and revenue generation.*
- *Promotion of value chain management, expertise to sustain quality of fresh fruits, vegetables, processed foods and beverages*
- *Loss in post harvest production be reduced*
- *Horticulture incubation Centres be established for learning and promoting government policies*
- *Establishing multidisciplinary food processing units capable to deal with number of seasonal fruits and vegetables time to time*
- *Multiple Crop processing units be established to promote greater productivity of agri food produce*
- *Skill Development Training programme for farmers may be undertaken with the help of different funding agencies*



## A Safe and Environment Friendly Maritime Sector: Vision for Future

**Kochi Local Centre** of the Institution organized Thirty-third National Convention of Marine Engineers and National Conference on the topic 'A Safe and Environment Friendly Maritime Sector: Vision for Future' under the aegis of Marine Engineering Division Board (MRDB) of IEI during August 30-31, 2019 Kochi. Mr Madhu S Nair, Chairman & Managing Director, Cochin Shipyard Limited graced the occasion as the Chief Guest. Mr Nair, in his inaugural address mentioned that greater implementation of digital technology in marine applications is the need of the hour, which include sharing information, data communication and analytics, remote diagnostics and troubleshooting. Mr Nair further stressed on environmental sustainability of the maritime sector with a significant shift to cleaner fuel technology, consortium of disruptive technologies and its' application in maritime sector. He further recommended advancement of autonomous and synergistic shipping and more marine audit to identify further prospects in maritime sector. Mr S Kannan, Chairman, MRDB, IEI, during his presidential address mentioned that energy consumption by waterborne transport need to be reduced by using cleaner fuels, electrification of ships and more application of renewable energy resources. Mr Kannan further stressed on marine environmental safety, cost effective marine transportation, and an environmentally sustainable platform for global shipping industry with the application of alternative fuel technology, improvement in terminal infrastructure, implementation of cleaner technology with minimized operational cost. Earlier, Mr T P Raveendran, Chairman of the Centre, welcomed the august gathering. The prestigious Rear Admiral T B Bose Memorial Lecture was delivered by Mr Antony Prince, President, G T R Campbell Marine Consultants Limited, Bahamas. During his lecture, Mr Prince stressed upon proper internship and right mentoring of the seafarers and proper focus on innovation, improvisation and sustainable development. He further mentioned that indigenous ship building units need to be accelerated by establishing more units for ancillary production. Dr M

*Recommendations emanated from the two-day National Conference include:*

- Marine environmental safety, cost effective marine transportation, and an environmentally sustainable platform for global shipping industry is of foremost importance with the application of alternative fuel technology, improvement in terminal infrastructure, implementation of cleaner technology with minimized operational cost.
- Energy consumption by waterborne transport need to be reduced by using cleaner fuels, electrification of ships and more application of renewable energy resources.
- Greater implementation of digital technology in marine applications is the need of the hour, which include sharing information, data communication and analytics, remote diagnostics and troubleshooting etc.
- Proper mentoring and training of the seafarers is very essential with clarifications regarding their expectations from the job, clearance of doubts which results a logical and transparent mindset to meet the demand of skilled and employable manpower on board.
- Indigenous ship building units need to be accelerated by establishing more units for ancillary production.
- Innovation, improvisation and sustainable development in maritime sector need to be focused by using more renewable energy, green or low carbon energy, application of environment friendly materials not only during building and operation but also during scrapping.
- Carbon footprints in maritime sector be reduced through implementing frugal engineering concept, exhaust gas recirculation, fuel emulsification, delayed fuel injection, implementation of sulfur cap and effective maritime energy management.
- The Blue Economy be introduced as a comprehensive concept including maritime transport, tourism, offshore oil exploration, renewable energy utilization etc.
  - During metal cutting and fabrication, for plates with higher thicknesses, LPG with special cutting property namely nano-additive can be applied for greater cutting temperature with better surface finish with less consumption of LPG, higher cutting speed, absence of back fire and low slag formation.
  - Old marine structures be refurbished and retrofitted with flexural reinforcement with application of protective chemicals.
  - Ship air pollution be reduced, principally SOx, NOx and particulate matters and as per IMO Regulation, 0.5% of global sulfur content in marine fuel oil is to be retained at all levels.
  - More research and development should be carried out in designing Polar Research Vessels, which are special purpose cargo vessels for carrying scientific equipment at polar region.
- Development of expertise in specific domains of maritime sector need to be enhanced including analytical capabilities of Marine Engineers leading to better employability.
- The skills, competence, dexterity of the Marine Engineers need to be sustained to face the challenges with different regulations and norms.
- To meet the demand of fuel efficient and cost effective marine energy systems, gas turbine cycles with cleaner fuel technology need to be adopted for marine applications to achieve higher energy efficiency and higher exergy efficiency.
- Proper training and development strategy of Indian seafarers is of foremost importance to increase their core competency to facilitate their entry in international maritime sector by enhancing professionalism, learning attitude, attitude to take more job responsibilities on the board, loyalty to competent authority.



P Sukumaran Nair and Mr K K Gopalakrishnan Nair, Council Members, IEI were also present on the dais and addressed the august gathering. On this auspicious occasion, Mr K Krishnan, Former Chief Engineer and Deputy General Manager, Cochin Shipyard Limited and Dr K A Simon, Director, K M School of Marine Engineering, Cochin University of Science and Technology were felicitated as eminent engineering personalities. IEI Young Engineers Award for the year 2019-20 in Marine Engineering Division was awarded to Mr D Narendrakumar, Scientist, Vessel Management Cell, National Institute of Ocean Technology, Ministry of Earth Sciences, Government of India, Chennai in recognition of his contribution in the field of Marine Engineering. A Technical Volume was also released by the Chief Guest and other dignitaries present on the dais. Mr M P Eldhose, Honorary Secretary of the Centre proposed the vote of thanks. Number of papers principally from industry were presented and discussed during the technical sessions of the two-day National Conference.

## Imperatives to Create the Future of Green Buildings

**Jabalpur Local Centre** of the Institution organized Two-day All India Seminar on the topic 'Imperatives to Create the Future of Green Buildings' under the aegis of Civil Engineering Division Board of IEI during July 20-21, 2019 at Jabalpur. Mr P A R Bende, Managing Director, Madhya Pradesh Power Transmission Company Limited, Jabalpur graced the occasion as the Chief Guest and inaugurated the Seminar. Mr Bende, in his address mentioned that implementation of Green Building technology is now need of the hour and explained that the buildings should be designed to facilitate maximum utilization of natural facility and energy efficiency. He further opined that the selection of materials of construction is very important for controlling the temperature of the building and the collection of rain water for ground water recharge is mandatory. Prof (Dr) Narendra Kumar Samadhiya, Civil Engineering Department, IIT Roorkee and Mr Anil Kumar Srivastava, Chairperson, Indian Institute of Architects, Jabalpur

Sub Centre graced the occasion as the Guests-of-Honour. Earlier, Mr Tarun Kumar Anand, Chairman of the Centre, welcomed the august gathering. Mr Sanjay Verma, Organising Secretary of the Seminar conducted the programme. Mr Prakash Chandra Dubey, Honorary Secretary of the Centre proposed the vote of thanks at the end of the function. Good number of papers by eminent personalities embracing the theme were presented and discussed during the technical sessions of the two-day Seminar.



## National Design Awards - 2019

The National Design and Research Forum (NDRF) of The Institution of Engineers (India) has been formed to promote Design and Research in various branches of engineering. NDRF handles, on behalf of IEI, the schemes relating to the National Design Awards and the All India Student Design Competitions. As you would be aware, with a view of promoting and advancing Engineering Design activity in the Country, NDRF identifies and recognises each year those who have been making outstanding contributions in the field of Engineering Design by giving each year. In keeping with this, NDRF is happy to announce nominations for National Design Awards - 2019.

Entries are invited in the following National Design Awards:

- ❖ National Design Award
- ❖ Architectural Engineering Design Award
- ❖ Environmental Engineering Design Award
- ❖ Mechanical Engineering Design Award
- ❖ Mining Engineering Design Award
- ❖ Prestressed Concrete Design Award
- ❖ Suman Sharma Award

The Last date for receiving entries is **11 November 2019**.

For more information, contact National Design and Research Forum, The Institution of Engineers (India), # 3, Dr. B. R. Ambedkar Veedhi, Bangalore - 560 001. Ph: 080-22264336; E-mail: [ndrf@ieindia.org](mailto:ndrf@ieindia.org) or visit NDRF website at [www.ndrf.res.in](http://www.ndrf.res.in)

## Council Elects New President of IEI

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Er Narendra Singh has rendered exceptional service to The Institution of Engineers (India) in various capacities. He is the founder Chairman of Uttarakhand State Centre and is credited with the construction of a modern building for the Centre in cooperation with the Govt. of Uttarakhand and many PSUs. Er Narendra Singh has contributed significantly and added value while serving on many important Committees and the Council of the Institution. He has been a major contributor in various initiatives undertaken in enhancing the role, relevance and image of the Institution. Er Narendra Singh displayed exceptional ability in organizing five Council Meetings of the Institution at various venues. Er Narendra Singh has been Vice President of the Institution for the period 2014-15.

Er Narendra Singh is also credited with focused efforts in promoting regional

languages by publishing "Abhiyantu Bandhu" - a multi lingual yearly Journal of engineering papers as well as a life sketch of Sir M Visvesvaraya in Hindi.

Er Narendra Singh has been recognized, through various awards, for his contribution to the engineering profession as well as for his involvement in social causes and community development. He has travelled widely on work and leisure. He is actively involved in various professional bodies and had been Executive Member of All India Engineers Federation and Life Member of National Institute of Hydrology (India). He is active in the education sector and interests include horticulture focused on creating a green environment.

He has been unanimously elected as the President of The Institution of Engineers (India) for the session 2019-2020 by the Council of the Institution which is a testimony and recognition of his sterling and long standing contribution to the Institution and the engineering profession.



# Power Quality Enhancement in Distributed Generation

**Tiruchirappalli Local Centre** of the Institution in association with the Department of Electrical & Electronics Engineering (EEE), National Institute of Technology, Tiruchirappalli organized Two-day All India Workshop on the topic 'Power Quality Enhancement in Distributed Generation' under the aegis of Electrical Engineering Division Board of IEI during July 19-20, 2019 at Tiruchirappalli. The Chief Guest of the function, Mr Thiru A Balasubramanian, Chief General Manager (Commercial and E & I), Tamilnadu Newsprint & Papers Ltd (TNPL), Karur, in his inaugural address highlighted different aspects of the current energy scenarios and stressed on quality assurance of power supply. Earlier, Prof (Dr) N Kumaresan, Chairman of the Centre welcomed the august gathering. Dr M Venkata Kirthiga, Associate Professor, Department of EEE, National Institute of Technology, Tiruchirappalli briefed the audience regarding the theme of the Workshop. Mr Lakshmanan, Immediate Past Honorary Secretary of the Centre and Manager, BHEL, Tiruchirappalli, proposed the vote of thanks at the end of the inaugural session. Many eminent resource persons enlightened the audience during the technical sessions, which include:

Dr S Dharmalingam, Past Chairman, TLC, IEI on certain micro aspects regarding control of Indian power grid with multiple energy resources.

Prof (Dr) S Arul Daniel, Department of Electrical and Electronics Engineering, NIT Trichy on hybrid distributed generation in general and smart energy system in particular.

Dr G Saravana Ilango, Associate Professor, Department of Electrical and Electronics Engineering, NIT Trichy on compensation techniques in distributed generation.

Ms Priyadarshini, Assistant Professor, Military College of Electronics and Mechanical Engineering, Secunderabad on role of super capacitors in military vehicles.



Prof (Dr) N Kumaresan, Department of Electrical and Electronics Engineering, NIT Trichy on wind power generation and grid integration related issues.

Dr P Raja, Associate Professor, Department of Electrical and Electronics Engineering, NIT Trichy on fault ride through requirements to grid connected renewable systems and

Dr S Moorthi, Associate Professor, Department of Electrical and Electronics Engineering, NIT Trichy on embedded systems in distributed generation.

# Powering India through Innovation and Technology in Railways

**Assam State Centre** of the Institution in association with the North Frontier Railway, Maligaon, Guwahati organized 'Curtain Raiser Event' as a part of Centenary Celebration of IEI on the theme 'Powering India through Innovation and Technology in Railways' on August 9, 2019 at Conference Hall of Principal Chief Mechanical Engineer's Office, Maligaon, Guwahati. Mr Sugato Lahiri, Chief Rolling Stock Engineer, North Frontier Railways, delivered a presentation on 'Use of Bio-toilets in Coaches for Environmental Improvement & Control of Corrosion of Rails'. Mr Kapil Jambhulkar, Sr. Coaching Depot Officer, N F Railways, Guwahati delivered a presentation on 'Use of Hot Axle Detector for Improving Safety in Train Operation'. Mr R P Raman, Divisional Mechanical Engineer, N F Railways delivered a presentation on 'Use of Remote Technology in Locomotives for Condition Monitoring during Train Run'. Mr Debasish Dey, Principal, Signaling & Telecommunication, N F Railways delivered a presentation on the topic 'Signal & Telecom on Block Providing by Axle Counter'. Earlier, Dr S K Kakoty, Chairman of the Centre,

welcomed all present in the session. Dr Arup Kumar Misra, Past Chairman of the Centre also addressed the august audience. Md Nuruzzaman, Honorary Secretary of the Centre proposed the vote of thanks.



## 'Kerala's Water Woes – Challenges and Mitigation'

**Kerala State Centre** of the Institution organized a Two-day All India Seminar on the theme 'Kerala's Water Woes – Challenges and Mitigation' during September 19-20, 2019 as a part of Centenary Celebration of IEI at Thiruvananthapuram under the aegis of Environmental Engineering Division Board. The function was inaugurated by Mr K Krishnankutty, Hon'ble Minister for Water Resources, Government of Kerala. During his inaugural speech, Hon'ble Minister mentioned that agriculture is being carried out in 25 lakh Ha of land out of which irrigation facility is available only for 4 Lakh Ha. 'It is very painful to note that irrigation facility could not be put in place for the remaining land for more than three and half decades and similarly, the pipe water connection is available only for one-fourth of the population', Mr Krishnankutty opined. Hon'ble Minister also released the Souvenir containing all the papers being presented in the Seminar. Earlier, Mr N Rajkumar, Immediate Past Chairman of the Centre welcomed the august gathering. Mr K K Gopalakrishnan Nair, Council Member, IEI and Chairman of the Centre delivered the presidential address. Mr Ashok Kumar K, Honorary Secretary of the Centre proposed the vote of thanks.



## The Role of Geospatial Technology for Precision Agriculture

**Coimbatore Local Centre** of the Institution in association with Akshaya College of Engineering and Technology (ACET), Coimbatore organized Two-day All India Seminar on the topic 'The Role of Geospatial Technology for Precision Agriculture' under the aegis of Electronics & Telecommunication Engineering Division Board (ETDB) of IEI during July 29-30, 2019 at Coimbatore. The Chief Guest of the occasion, Dr Aavudai Anandhi, Assistant Professor, Biological Systems Engineering, Florida A & M University addressed the audience and presented an invited lecture on 'Awareness, Recent Trends and Research on Geospatial Technology'. Earlier, Dr P R Natarajan, Chairman of the Centre welcomed the audience. Number of eminent personalities delivered invited lectures on various sub-themes, which include:

'Case studies of Geospatial Technology in Agriculture' by Mr Manoj KRN, Corporate Projects Manager, SS Technovation, Coimbatore;

'Certain Design Approaches for Efficient Irrigation Management System for Precision Agriculture using Geospatial Technology' by Dr S R Barkunan, Head of the Department, Department of Electronics and Communication Engineering (ECE), ACET, Coimbatore;

'Geospatial Information System' by Ms R Saranya from Department of Computer Science and Engineering (CSE), ACET, Coimbatore;

'Role of Geospatial Technology in Precision Agriculture' by Dr V Bhanumathi, from Department of Electronics and Communication Engineering (ECE), Anna University Regional Campus, Coimbatore;

'Geospatial Technology in Precision Agriculture for Soil Testing and Applying Pesticides' by Mr T Boobalan, from Department of ECE, ACET, Coimbatore;

*The recommendations emanated from the All-India Seminar are given hereunder:*

*Creation of employment opportunities through promotion of smart agricultural products.*

*Interdisciplinary interaction may lead to new product development in the Geospatial Technology based smart agricultural monitoring.*

*Technology Business Incubation Centres may set up in different institutions for assisting new entrepreneurs incubate in agricultural sensors.*

*Continuously strives to improve the facilities to compete with the latest technological advancements in smart sensor technology for precision agriculture.*





# News-in-Brief

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

## STATE CENTRES

### Chhattisgarh

Lecture on 'Artificial Intelligence for Machine Learning for National Strategies' delivered by Dr Dilip Singh Sisodia, Computer Science and Engineering, National Institute of Technology, Raipur on September 30, 2019.

### Karnataka

Lecture on 'Migration to Bengaluru' delivered by Ms Sheela Ramasesha, Principal Scientist, National Institute of Advanced Studies, Bangalore on August 22, 2019.

Lecture on 'Heavy Rainfall' delivered by Mr C S Patil, Director, Meteorological Department, Bengaluru on August 27, 2019.

Lecture on 'Charging Underground Water' delivered by Dr A Subburaj, Former Regional Director, Central Ground Water Board, Bengaluru on September 18, 2019.

### Kerala

Lecture on 'Engineers and Climate Change' delivered by Mr P A Prabhakaran, Retd Chief Engineer – Department of Space on September 4, 2019.

Lecture on 'Design Thinking for Non Designers' delivered by Mr E J Francis, Retd. Group Director, VSSC on September 25, 2019.

### Uttar Pradesh

Lecture on 'Solar Power in India and Rooftop Solar Panels' delivered by Mr Santosh Kumar, Chief Engineer Level-1 (Retd.), Irrigation Department, Lucknow on September 16, 2019.

## LOCAL CENTRES

### Bokaro Steel City

Lecture on 'TenuBokaro Canal' delivered by Mr Pankaj Kumar, Manager (Projects), SAIL, Bokaro Steel Plant on September 24, 2019.

### Davangere

Lecture on 'Solid Waste Management – New Concepts' delivered by Prof Anil Kumar Dikshit, Professor, Centre for Environmental Science and Engineering, IIT, Mumbai on September 13, 2019.

### Durgapur

Lecture on the 'Introduction and Application of Block Chain Technology- An overview' delivered by Dr Raju Halder on September 6, 2019/

### Gorakhpur

Lecture Meeting on 'Advancement in Petroleum Technology' on September 30, 2019.

### Indore

Lecture on 'Automation through QR Codes' delivered by Mr Sameer Kumar, Head, Manufacturing-Engineering, Cummins Turbo Technologies, Pithampur-Dewas on August 24, 2019.

### Kalaburagi

Lecture on 'Cyber Crimes & Women Safety' delivered by Dr Geeta Patil, Professor, E&CE Department, PDA Engineering College, Kalaburagi on September 5, 2019.

Lecture on 'Industrial Internet of Things (IIoT) - an Effective Manufacturing Strategy for 21st Century' delivered by Prof (Dr) Vishaldatt Kohir, Professor, Khaja Bandanawaz College of Engineering, Kalaburagi on September 20, 2019.

### Meerut

Lecture on 'Power System Management' delivered by Mr C P Gupta, Former Chief Engineer, UP Power Corporation on September 24, 2019.

### Palghat

Lecture on 'Predict the nature's most destructive event - lightning to protect you and your assets before it strikes, lightning protection system overview' delivered by Mr K Madhana Mohan, Deputy CEE, Railways (Retd), Integral Coach Factory, Chennai on August 19, 2019.

### Saurashtra

Conducted Technical Visit to 'Adana Port – Mundra – Kutch (Gujarat)' on September 15, 2019.

### Sunabeda

Lecture on 'Nanocomposite Coating in Aluminium for Tribology' delivered by Prof M S Bobji, Professor, Department of Mechanical Engineering, Indian Institute of Science, Bangalore on September 14, 2019.

### Visakhapatnam

Lecture on 'IoT: Applications to Steel Industry' delivered by Prof Pabitra Mohan Khilar, Associate Professor, Department of Computer Science & Engineering, NIT Rourkela on September 21, 2019.

Organized Training Programme on 'Maintenance Management in an Integrated Steel Plant' during September 24-28, 2019.

# IEI Celebrates

# 52<sup>nd</sup> Engineers' Day

**Theme: Engineering for Change**

The 52<sup>nd</sup> Engineers' Day was celebrated by the Institution all over the country on September 15, 2019 to commemorate the 159<sup>th</sup> 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

### Bihar

The Chief Guest on the occasion, Dr Ashok Choudhary, Hon'ble Minister, Building Construction Department, Govt. of Bihar, in his address admired IEI for dissemination and updating of engineering and technological knowledge through organization of technical activities. The Guest-of-Honour of the function, Prof Umesh Chandra Ray, Chairman, Board of Management, North Eastern Regional Institute

of Science and Technology (NERIST), Government of India in his keynote address mentioned that basic tenet of engineering always being about solving complex issues to make life simple, safe, happy and productive. Earlier, Mr Nishi Kant Prasad Sinha, Chairman of the Centre, welcomed the august gathering. Mr B N Singh, Past Honorary Secretary of the Centre proposed the vote of thanks.

### Gujarat

Mr Navinchandra B Vasoya, Past President & Council Member, IEI graced the occasion as Chief Guest and Mr M P Raval, Chairman, Water Management Forum, IEI, as Guest of Honour. Other eminent dignitaries spoke on the occasion included Dr Rajesh S Gujar, Assistant Professor, Department of Civil Engineering, Pandit Deendayal Petroleum University, Gandhinagar on 'Green Transport for Mass Transportation System'; Mr Bhavin Shah, CEO, VMS Engineering & Design Services Pvt. Ltd., Ahmedabad on 'Renewable Energy' and Mr Anil Bhoi, Area Service Manager, Honda Motorcycle and Scooter India Pvt Ltd. on 'Green Transportation – Engineering for the Change'. Earlier, Mr H U Kalyani, Chairman of the Centre delivered the welcome address. Mr Shyam Varghese, Honorary Secretary of the Centre proposed the vote of thanks.

### Kerala



The Speaker on this occasion, Prof Achuthsankar S Nair, Head of the Department, Department of Computational Biology and Bio Informatics, University of Kerala mentioned that Engineers are creators of products and processes which are expected to make the life easier and better. 'Innovation is the driver making this process possible', he added. Earlier, Mr K K Gopalakrishnan Nair, Chairman of the Centre introduced the Speaker. Mr Ashok Kumar K, Honorary Secretary of the Centre proposed the vote of thanks.

### Manipur

Mr Jarnail Singh, IAS (Retd), Former Chief Secretary, Govt. of Manipur and Administrator/Vice-Chancellor, Manipur University graced the occasion as Chief Guest. During his address, Mr Singh lucidly compared the changes in transport and power sector. Guest-of-Honour, Mr Th. Joykumar Singh, Former Chief Engineer, PWD Manipur briefly explained different aspects of climate change including variations of rainfall and its impact on agriculture and allied components, increase in power demand and need for development of renewable energy resources in lieu of the conventional electricity generation using fossil fuel etc. Guest of Honour, Mr M Ibomcha Singh, Controller of Technical Education, Manipur, highlighted the exemplary contributions made by the legendary pioneer Sir M Visvesvaraya for the economic development of the society as a whole. The Special Invitee during the occasion, Prof (Dr) Goutam Sutradhar, Director, NIT Manipur, in his erudite discourse highlighted the rapid developments in the scientific and technological fronts that have brought in significant changes in the economic performance of all sectors and hence the economic growth of the country over the last couple of decades. Guest of Honour, Mr Kh. Temba Singh, Chief Engineer, PWD Manipur emphasized upon the need for keeping an eye on the population growth/congestion that causes hazardous pollution and environmental degradation. Earlier, Mr N Shyamsundar Singh, Chairman of the Centre, during his address, drew the attention of the gathering to three basic changes namely, climate change, degradation of soil health and social degradation, that have been encroaching fast upon the domain of the mankind. Mr Th. Subhas Chandra Singh, Joint Honorary Secretary of the Centre proposed the vote of thanks.



### Punjab & Chandigarh

Mr Devendra Kumar Sharma, Chairman, Bhakra Beas Management Board, Chandigarh graced the occasion as Chief Guest and Dr. Gulab Singh Narwal, Member (Irrigation), Bhakra Beas Management Board, Chandigarh graced the occasion as the Guest of Honour. Earlier, Mr Janak Raj Garg, Chairman of the Centre welcomed the guests and dignitaries. Mr P S Bhogal, Council Member IEI presented a brief introduction on life and achievements of Sir M Visvesvaraya. Mr S S Mundi, Honorary Secretary of the Centre proposed the vote of thanks.



### Tamilnadu

The Chief Guest of the function, Padmashree Dr M Annadurai, Vice President, Tamilnadu State Council for Science and Technology and





Chairman, NDRF, IEI, while delivering the thematic address discussed about the human evolution and change agents including fire, wheel, electricity, semiconductor, computer, space exploration and now AI. Earlier, Mr R Ramdoss, Chairman of the Centre welcomed the august gathering. Mr P Gomathi Nayagam, Honorary Secretary of the Centre proposed the vote of thanks.

## Uttarakhand



Mr Ramesh Pokhriyal, 'Nishank', Hon'ble Minister of Human Resources and Development, Govt. of India graced the occasion as the Chief Guest and Mr Arvind Pandey, Hon'ble Cabinet Minister, School Education, Adult Education, Sanskrit Education, Sports, Youth Welfare, Panchayati Raj, Govt. of Uttarakhand graced the occasion as the Guest-of-Honour and addressed the gathering.

## Uttar Pradesh

Mr Anoop Kumar Srivastava, Engineer-in-Chief and Head of Department, Irrigation and Water Resources Department, Government of Uttar Pradesh, graced the occasion as Chief Guest. The Guest-of-Honour of the function, Mr K K Singh, Regional Executive Director (Hydro), NTPC expressed concern over the declining level of technical education in the country. 'We have an urgent need to improve the level of technical education in our country', He added. The Keynote speaker, Mr S K Pandey, Senior Scientist ISRO, while speaking on the theme, elaborated about the advancement in space technology. Mr V B Singh, Chairman, CVDB, IEI called upon the engineers to provide their full contribution to the development of the country, so that the honourable Prime Minister can fulfill his dream of making 5 trillion economy of the country. Earlier, Mr R K Trivedi, Chairman of the Centre threw a detailed light on the objectives of IEI and stated that it continues to organize technical activities to play an important role in the development of the country. Mr Prabhat Kiran Chaurasia, Honorary Secretary of the Centre proposed the vote of thanks.



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## West Bengal

The Chief Guest of the function, Mr Rajesh Prasad, Executive Director, Rail Vikas Nigam Limited (RVNL), during his address mentioned that 'Change' is the most important challenge faced by the engineers of a developing country like India and discussed different facets of \$ 5 Trillion economy. Mr Prasad further explained different aspects of Project Management and role of engineers in project execution. Mr Prasad also mentioned significant developments in Indian Railways, stressed on Interdisciplinary innovations, design, planning and undertaking of researches. Prof (Dr) Samiran Chaudhuri, Past President, IEI also graced the occasion with his august presence and addressed the gathering. Earlier, Mr Sandip Kumar Deb, Chairman of the Centre, in his welcome address announced that Metallurgical, Electrical and Textile Engineering Divisions of WBSC are going to organise International Conferences this year and invited all to attend en masse to make the Conferences successful. Prof (Dr) Indranath Sinha, Joint Honorary Secretary of the Centre took up the sacred duty of sketching the life history of Bharat Ratna Sir M Visvesvaraya. Mr Kalipada Das, Honorary Secretary of the Centre proposed the vote of thanks.



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## LOCAL CENTRES

### Ahmednagar

The Chief Guest of the function, Mr Sangam Sinha, Director, Vehicles Research & Development Establishment, Ahmednagar, in his address mentioned that young engineers should think out of box and adopt innovative ideas and new technologies in their respective fields. Mr G D Khandeshe, Secretary, Ahmednagar Jilha Maratha Vidya Prasarak Samaj graced the occasion as Guest-of-Honour and addressed the gathering. The Keynote Speaker of the function, Dr R S Shinde, Head, Accelerator Magnet Technology Division, Raja Ramanna Centre for Advanced Technology, Indore, DAE, Government of India, lucidly explained the development of the prototype model of Superconducting Maglev-Magnet train, operational with superconducting power and speed of 800-1200 km/h. 'Magnetic levitation technology has potential to change society and the world of business and its' applications have an impact on societal stakeholders ranging from international energy conglomerates to agricultural and environmental enterprises', Dr Shinde opined. Earlier, Mr R P Waykar, Honorary Secretary of the Centre welcomed the guests and introduced the theme and Mr Avinash D Kulkarni, Chairman of the Centre, in his address appealed engineering fraternity to take more interest in enhancing technical competency by adopting new techniques in learning.



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### Alwar

Mr O P Gupta, Regional Officer, Rajasthan State Pollution Control Board, Government of Rajasthan graced the occasion as the Chief Guest and paid rich tributes to Sir M Visvesvaraya. He further highlighted his contribution to the society and praised the Engineers for their roles in developing the nation. Earlier, Mr Manohar Lal Yadav, Chairman of the Centre delivered the welcome address and presided over the function.



### Bokaro Steel City

The Chief Guest on the occasion, Mr Prakash Kumar Singh, Former Chairman, SAIL, in his address underlined the significance of being an engineer and the contribution of this noble profession towards development of any economy and nation. 'For our country poised to become \$5 Trillion dollar economy, the role of engineer becomes more important toward technical innovation and infrastructure development', he opined. The Guest-of-Honour of the function, Mr R P Pandey, Group General Manager, ONGC, spoke about role of engineers towards challenges pertaining to climate change. Mr R C Srivastava, Executive Director (Works) and Mr R Kushwaha, Executive Director (Projects), SAIL, Bokaro Steel Plant also graced the occasion as Special Guests and addressed the gathering. Earlier, Mr Y N Singh, Chairman of the Centre welcomed the august gathering and stated that the day is celebrated every year to inspire young generation towards career in Engineering and to recognize and appreciate their contributions towards development of the country. Mr D P Jha, Honorary Secretary of the Centre proposed the vote of thanks.



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### Dharwad

Prof (Dr) Mahesh Awati, Principal, Tontadarya Engineering College, Gadag, graced the occasion as the Chief Guest. Prof Awati, in his speech opined that



engineering is meant for change which is witnessed over the centuries and further can be instrumental in elevating the life style of the people in the society. He further mentioned that engineering offer dedicated services and facilities in all domains and more prominently in healthcare, transport, sports, education etc. Prof Awati elaborated the importance of knowledge and deep practice to achieve excellence in the career and stressed upon the identification of talents and nurturing the same for better future. Earlier, Prof (Dr) Ramesh Laxman Chakrasali, Chairman of the Centre, in his welcome address opined that today's technology has shifted the societal framework by increasing human life span, increased communication, creation of wealth and larger contribution for economic growth. 'The power of knowledge will always make an individual to rise to highest position and leave footprints of their achievements and Sir M Visvesvaraya is an example of such eminent personalities', he concluded. Mr Vijaykumar H Totiger, Honorary Secretary of the Centre proposed the vote of thanks.

#### Ghaziabad

The Chief Guest on the occasion, Dr Hari Om Gupta, Director, Jaypee Institute of Information Technology, Noida, in his address spoke about the great qualities of Sir M Visvesvaraya. He further explained about the 12 skills necessary for successful engineers. Mr Vishnu P Das, Former Chairman & Managing Director, National Buildings Construction Corporation Limited graced the occasion as Guest of Honour. Prof (Dr)



Amiya K Ray, Department of Polymer and Process Engineering, IIT Roorkee and Mr M K Seth, Chief General Manager, ALTTC-BSNL, Ghaziabad were present during the occasion and addressed the gathering. Earlier, Mr Jai Pal Singh, Chairman of the Centre, welcomed the audience. Mr C K Tyagi, Honorary Secretary of the Centre proposed the vote of thanks.

#### Gorakhpur

Mr P K Singh, IRSE, CPRO, North Eastern Railway graced the occasion as the Chief Guest and Keynote Speaker. Mr Singh, in his address explained about the development of Railways since inception. Prof Irshad Hussain, Former Chairman of the Centre was also present as the Guest-of-Honour and spoke on the occasion. Earlier, Mr M W Beg, Chairman of the Centre, welcomed the august audience. Mr V K Srivastava, Honorary Secretary of the Centre proposed the vote of thanks.



#### Kalaburagi



The Chief Guest of the function, Mr Shashil G Namoshi, Former Member, Karnataka Legislative Council, in his address urged the engineering fraternity to serve the Nation by devotion and dedication. Dr P B Patil, Assistant Professor, Department of E&C Engineering, PDA College of Engineering, Kalaburagi delivered Keynote Address on the theme, briefing most important aspects about the Engineering. Dr Baburao N Sherikar, Honorary Secretary of the Centre addressed the gathering. Dr Shashikant R Mise, Immediate Past Honorary Secretary of the Centre proposed the vote of thanks.

#### Kalpakkam

Prof E Balagurusamy, Former Chancellor, Anna University and Member, UPSC, New Delhi graced the occasion as the Chief Guest. Prof Balagurusamy, in his speech



identified the areas where India has to embrace changes. He presented statistical data on the deficiencies in economics, society, environment, technology and energy. He urged the engineering community and IEI to evolve the best Engineering strategy towards improvement of quality of life. Mr Kallol Roy, Chairman & Managing Director, Bharatiya Nabhikiya Vidyut Nigam Limited, Kalpakkam, during his address, emphasized more upon process automation which would, in long run, pay rich dividend to India. Mr Biplob Paul, Facility Director, BARC Facilities, Kalpakkam presented a glimpse of radioactive waste management and demonstrated adaption of stringent stipulations against radiation leak and elaborated the innovative ideas implemented in the process. Earlier, Mr R Ramakrishnan, Chairman of the Centre, welcomed the august gathering. Mr M Shanmuga Sundaram, Honorary Secretary of the Centre proposed the vote of thanks.

#### Kanpur

Prof N B Singh, Hon'ble Vice-Chancellor, Harcourt Butler Technical University, Kanpur and Mr Anvesh Kumar Singh, Zonal Head, Customer Technical Services, J K Cement Ltd. graced the occasion as the Chief Guest and the Guest-of-Honour respectively and addressed the gathering. The Keynote speaker on the occasion, Prof Asheesh Kumar Singh, Head, Department of



Electrical Engineering, MNNIT, Allahabad, in his address highlighted engineering as a diverse activity covering different areas and levels. 'The vital roles of engineering in addressing the large-scale

global challenges for humans are extensively recognized', he added. Prof Singh called for mobilization of the engineering community to become more effective in delivering products and services for the advantage of society. Earlier, Prof D P Mishra, Immediate Past Chairman of the Centre welcomed the august gathering. Dr Rajat Kumar Khare, Honorary Secretary of the Centre proposed the vote of thanks.

#### Kota

Prof Dinesh Chandra Joshi, Vice Chancellor, Agriculture University, Kota graced the occasion as the Chief Guest and Prof H D Charan, Vice Chancellor, Bikaner Technical University, Bikaner, as Guest of Honour. The Keynote Speaker of the function, Mr K M Tandon, Advisor and Former Senior Vice President, DCM Shriram Ltd, narrated about engineering development from ancient time till date and the future of engineering. Mr Sunil Bohra, Honorary Secretary of the Centre proposed the vote of thanks.



#### Ludhiana



Dr Sehijpal Singh, Principal, Guru Nanak Dev Engineering College, Ludhiana (GNDEC), graced the occasion as the Distinguished Guest and addressed the august gathering. Past Chairmen and

Honorary Secretaries of the Centre also graced the occasion with their august presence. Mr Surjit Singh, Honorary Secretary of the Centre proposed the vote of thanks at the end of the function.

#### Meerut

The Chief Guest of the function, Mr Rajesh Agrawal, Member (Rolling Stock), Railway Board, Government of India, New Delhi shared his experiences about the recent transformations and improvements in Indian Railways. The Keynote Speaker during the occasion, Dr K K Singh, from Indian





Council for Agricultural Research, New Delhi explained latest transformations in the field of agriculture and modernization of agricultural technology in the light of growing food needs for Indian population. He further discussed various aspects of vertical farming and its application for increasing production in precision and controlled environment. Earlier, Mr Rajneesh Kumar, Chairman of the Centre welcomed the Guests. Mr M L Jain, Honorary Secretary of the Centre proposed the vote of thanks.

### Palghat

The Chief Guest on the occasion, Mr P K Vasisht, Unit Head, Instrumentation Ltd., Palakkad stressed on developing engineering aptitude through engineering education, which encompasses every sphere of life with engineering knowledge penetrated in respective domains. 'The platform of new research in engineering field requires multidisciplinary knowledge and skills', he added. He further enumerated the emerging aspects of disruptive technologies and digitalization, which makes remarkable change in every sector and is at the center of impending technology break through. Concluding his viewpoint on the theme, he expressed that engineers will



live up to the expectation of people and needs of the country and will handle both with compassion and technical acumen. Earlier, Mr K Unni Krishnan, Chairman of the Centre delivered the welcome address and presided over the function. Mr A Ramesh, Honorary Secretary of the Centre proposed the vote of thanks.

### Roorkee

The Chief Guest of the function, Mr Sushil Chandra, Hon'ble Election Commissioner of India, New Delhi, while delivering the Keynote Address emphasized upon the requirement for the optimization in engineering and economical design. The Guest-of-Honour on the occasion, Mr Mahesh Kumar Gupta, Member, Public Enterprises Selection Board, New Delhi, discussed about the need of dedicated engineers with strong technical skills and capability to take responsibility of the work undertaken. Dr Satya P Gupta, Director General, College of Engineering Roorkee presented a brief life sketch of Engineer-Statesman Sir M Visvesvaraya and advised the engineers to imbibe his character. Earlier, Prof (Dr) Achal K Mittal, Chairman of the Centre, welcomed the audience. Dr M A Iqbal, Honorary Secretary of the Centre proposed the vote of thanks.



### Silchar

Dr Anil Kapur, President (Sales & Marketing), Meghalaya Cements Ltd. graced the occasion as the Chief Guest and mentioned about the role of Engineers in the development of the country. Mr Remesh Raj S N, General Manager, BSNL, Silchar and Prof (Dr) Fazal Ahmed Talukdar, Head, Electronics and Communication Engineering Department, National Institute of Technology Silchar graced the occasion as the Guests-of-Honour. Prof (Dr) Binoy Krishna Roy, Professor, Department of Electrical Engineering, NIT Silchar



mentioned different aspects of the theme and discussed about challenges that the engineers are facing now in a developing country like India. Dr Debomalya Ghose, Associate Professor, Department of Business Administration, Assam University, Silchar spoke about the challenges and the role of engineers to overcome the situation. Earlier, Mr Nikhil Ranjan Choudhury, Chairman of the Centre welcomed the gathering and presided over the function. Mr Choudhury, in his address highlighted the new challenges

being faced by the engineers such as changing climate, ever increasing population, green transport, alternative sources of energy etc. Mr D K Kundu, Honorary Secretary of the Centre proposed the vote of thanks.

### Sunabeda

Mr Debashis Deb, Executive Director, HAL graced the occasion as Chief Guest. Chief Speaker on the occasion, Prof (Dr) M S Bobji, Department of Mechanical Engineering, Indian Institute of Science, Bangalore, in his



speech shared his in-depth understanding on engineering knowledge and elaborated the Engineers' Day theme by touching various facets of engineering skills. Earlier, Mr Nirod Chandra Behera, Chairman of the Centre welcomed the august gathering. Mr Arabinda Swamy, Honorary Secretary of the Centre read out the Proceedings.

### Tiruchirappalli

Mr K S Kasi Viswanathan, Managing Director, Seshasayee Paper & Boards Ltd, Pallipalayam, graced the occasion as Chief Guest. Dr T Senthilkumar, Professor and Dean, Anna University, BIT Campus, Tiruchirappalli in his address, highlighted on the contribution of engineers for the betterment of the society and nation building. Earlier, Dr N Kumaresan, Chairman of the Centre welcomed the august gathering. Dr N Sivakumaran, Convener of the event presented a brief life sketch of Sir M Visvesvaraya. Mr A Anand, Honorary Secretary of the Centre proposed the vote of thanks.



### Udaipur



Mr SR Chitnis, Vice President-Technical Services, JK Lakshmi Cement Ltd, Udaipur graced the occasion as the Chief Guest and Mr Prasoon Chaturvedi, Deputy Town Planner, Smart City, Udaipur, Government of Rajasthan,

delivered the keynote address. Earlier, Mr Anurodh Prashant, Chairman of the Centre delivered the welcome address. Mr Y K Bolia, Honorary Secretary of the Centre proposed the vote of thanks.

### Visakhapatnam

Mr K Srinivasa Rao, MLA, Andhra Pradesh, graced the occasion as Chief Guest. The Keynote Speaker, Mr M Venkateswara Rao, Chief Engineer, Greater Visakhapatnam Municipal Corporation during his address stressed on more application of nonconventional energy and alternative energy sources. Prof K Venkatasubbaiah, Council Member, IET & Senior Professor and Former Dean, R&D, Andhra University enlightened the audience on Life & Achievements of Sir M Visvesvaraya. He further urged that the best homage, we can pay to him is by imbibing at least a fraction of his qualities, his engineering brilliance and hard working spirit. Earlier, Dr B Venkataramana, Honorary Secretary of the Centre welcomed the august gathering. Dr O Rama Mohana Rao, Council Member, IET & Chairman of the Centre explained about the significance of the day and conducted the proceedings. Mr K V Rama Mohana Rao, Joint Honorary Secretary proposed the vote of thanks.



to be contd.

# IEI Celebrates Royal Charter Day

The Institution of Engineers (India) was incorporated by Royal Charter on September 9, 1935 by King and Emperor George V at the Court at Buckingham Palace, London and remains the only professional body in India to be accorded this honour. This endowed the Corporate Members of the Institution with the right to use the title 'Chartered Engineer' after their names, implying that they are qualified engineers deemed worthy to hold a Charter. The 'Royal Charter Day' was celebrated by IEI all over the country on September 9, 2019. A brief accounts of celebration as received from various Centres are reported hereunder.

## STATE CENTRES

### Gujarat

Mr Jignesh Patel, Deputy Executive Engineer (Electrical), Roads & Building Department, Government of Gujarat, graced the occasion as the Keynote Speaker. During his address, Mr Patel, explained different aspects of energy conservation & savings and mentioned the role of Bureau of Energy Efficiency in standardization of electrical equipments

Earlier, Mr Shyam Varghese, Honorary Secretary of the Centre briefed the audience about incorporation of Royal Charter with IEI.

### Kerala

Mr N Rajkumar, Immediate Past Chairman of the Centre chaired the function. In his opening remarks, Mr Rajkumar elaborated the history of IEI including incorporation of Royal Charter. Mr J Sankara Iyer, Mr P Vijayachandran, Past Chairmen and Mr K S Udaya Kumar, Immediate Past Honorary Secretary, Kerala State Centre expressed their views on the role to be played by the engineers in nation building. A model code of conduct for the engineers needs to be introduced through Engineers Bill, they added. Mr Ashok Kumar K, Honorary Secretary of the Centre proposed the vote of thanks.

### Tamilnadu



The Chief Guest of the function, Dr PS Kumar, Managing Director, ETAsmart Pvt Ltd, briefed the audience about the topic 'Royal Path to Implement Industry 4.0'. During his address, Dr Kumar mentioned different stages of industrial revolutions

including coupling of different manufacturing elements, data transfer through cloud computing, application of smart programmes for data analytics and decision making with or without human interventions. Earlier, Mr P R Seshadri, Past Chairman of the Centre welcomed the gathering and briefed about the significance of observing Royal Charter Day. Mr P Gomathi Nayagam, Honorary Secretary of the Centre proposed the vote of thanks.

### Uttar Pradesh

Mr V B Singh, Chairman, Civil Engineering Division Board, IEI, in his informative speech, briefed the background of incorporation of IEI by Royal Charter to promote and advance the Science practice and Engineering education in all its branches in India. Earlier, Mr R K Trivedi, Chairman of the

Centre welcomed the guests and dignitaries present on the occasion. Mr Prabhat Kiran Chaurasia, Honorary Secretary of the Centre proposed the vote of thanks.

### West Bengal

Speaker on the occasion, Maj Gen (Dr) S Bhattacharya, VSM (Retd) Secretary & Director General of the Institution deliberated on the growth and sustainability of Indian Engineering Community and mentioned that for growth and advancement of the country, engineers need to be united in one platform. Maj Gen Bhattacharya highlighted about the dedicated activities of Sir R N Mookerjee and his vision. He further stated 'Royal Charter' is an honour, which is a continuous process of amalgamation. Earlier, Mr Sandip Kumar Deb, Chairman of the Centre, welcomed the august gathering highlighting the background of incorporation of IEI with Royal Charter. Mr Anirban Datta, Committee Member of the Centre proposed the vote of thanks.

## LOCAL CENTRES

### Ananthapuram

Prof (Dr) C Shoba Bindu, Department of Computer Science Engineering, Jawaharlal Nehru Technological University Anantapur, Anantapuram graced the occasion as Chief Guest.



Prof Bindu highlighted that the grant of Royal Charter was an outstanding event in the history of IEI, as it was the first such recognition extended to a professional body which had its origin and functions in India. She further elaborated that this recognition endowed the corporate members of IEI with the right to use the title 'Chartered Engineer' after their name, implying that they are qualified Engineers deemed worthy to hold a Charter. Earlier, Prof (Dr) C Sashidhar, Chairman of the Centre,



in his welcome address mentioned the importance and significance of incorporating Royal Charter to IEI and also explained different facets of agile manufacturing and its relevance for the engineering applications. He further narrated about the use of renewable energy, waste management and IoT in the field of engineering and for the progress of the science and technology. Prof (Dr) M L S Deva Kumar, Honorary Ssecretary of the Centre proposed the vote of thanks.

#### Bareilly



Eminent personalities spoke on the occasion included Mr K B Agarwal, Founder Chairman, Mr S C Sundrani, Past Chairman of Bareilly Local Centre. Earlier, Mr S C Mehra, Chairman of the Centre delivered the

welcome address. Dr Pankaj Omprakash Sharma, Honorary Secretary of the Centre proposed the vote of thanks.

#### Dhanbad

Mr R B Kumar, General Manager, Bharat Coking Coal Limited (BCCL), Dhanbad graced the occasion as the Chief Guest and addressed the gathering. Mr Sanjay Kumar Singh, Project Officer, BCCL, Dhanbad delivered lecture on the topic 'Challenges & Prospect of Mining in BCCL'. Dr M K Singh, Past Chairman of the Centre proposed the vote of thanks.



#### Dharwad



The Chief Guest on the occasion, Dr Basavaraj S Anami, Principal, KLE Institute of Technology, Hubballi, in his address mentioned the benefits derived from electronic gadgets in business, education, communication and industry which are the integral part of life. He further highlighted the fact that technology has made the life easier and smart but at the same time the users should be aware of the ill effects of overuse the gadgets. He recommended to apply technology in a befitting way avoiding it's harmful effects. Earlier, Prof (Dr) Ramesh Laxman Chakrasali, Chairman of the Centre, in presidential address mentioned that the electronics industry has grown in a spectacular manner and encouraged most of the organizations and systems to adopt the technology for better and efficient performance. Mr Vijaykumar H Totiger, Honorary Secretary of the Centre proposed the vote of thanks.

#### Durgapur

Mr Atanu Kr Mukherjee, Past Chairman of the Centre graced the occasion as Special Guest. Mr Mukherjee, in his presentation covered on various aspects and importance of Royal Charter. He further highlighted on status of engineering education in British India during 19th century, role of IEI in Government sector, legislation, present Status of Chartered Engineers in India. Earlier, Prof (Dr) Kartik Chandra Ghanta, Chairman of the Centre welcomed the guests and dignitaries and



briefed about the significance of Royal Charter Day. The programme ended with vote of thanks proposed by the Jt. Honorary Secretary of the Centre, Mr P Shaw.

#### Ghaziabad

Mr M K Agarwal, Past Chairman of the Centre graced the occasion as the Chief Guest and Keynote Speaker. Mr Agarwal, in his address explained the status of the Royal Charter and its objectives & relevancy in the present context. Earlier, Mr Jai Pal Singh, Chairman of the Centre welcomed the august gathering and presided over the function. Mr R P Sharma, Convener of the event proposed the vote of thanks at the end of the programme.



#### Gorakhpur

Mr S B Mishra, Chief Engineer (Retd), Irrigation and Water Resources Department, Government of Uttar Pradesh graced the occasion as the Chief Guest and delivered the keynote address. Mr Mishra briefed about the significance of Royal Charter. Earlier, Mr Mirza Waseem Beg, Chairman of the Centre welcomed the Chief Guest and other dignitaries. Mr D Chaturvedi, Joint Honorary Secretary of the Centre proposed the vote of thanks.



#### Kanpur

Dr D B Shakyawar, I/c Head & Principal Scientist, Textile Manufacturing and Textile Chemistry Division, ICAR-Central Sheep and Wool Research Institute graced the occasion as the Chief Guest. The Guest Speaker on the occasion, Mr N B Singh from British India Corporation Ltd, Kanpur deliberated on the topic 'The Journey of Marino Wool to Worsted Yarn'. Mr Singh further explained about the length of the woollen goods like worsted suiting, shawls, lohi, blankets etc. Dr Mukesh Kumar Singh, Director, Uttar Pradesh Textile Technology Institute, Kanpur welcomed the august gathering. Dr Rajat Kumar Khare, Honorary Secretary of the Centre proposed the vote of thanks.



#### Kanyakumari

Mr S Natarajan, Retired Chief Engineer, Public Works Department, Government of Tamilnadu graced the occasion as Chief Guest. Mr Natarajan, in his keynote address highlighted different aspects of strengthening of dams. Prof (Dr) Latha Nagendran, (Retd) Department of Mechanical Engineering, Anna University, Chennai, also graced the occasion. Earlier, Mr G Siva Subramanian, Past Chairman of the Centre delivered the welcome address. Mr V Sivathanu Pillai, Chairman of the Centre honoured the Chief Guest. Mr V Muthum Perumal, Honorary Secretary of the Centre offered the vote of thanks.



#### Kochi

The Chief Guest on the occasion, Mr P M Chacko, Past President, IEI, in his keynote address explained the history of Royal Charter for the awareness





among the members and emphasized on the importance of engineering profession. Mr Chacko opined that engineers should take care of any project from the very planning stage to the execution. Mr T P Raveendran, Chairman of the Centre welcomed the august gathering. Mr K K Gopalakrishnan Nair, Chairman, Kerala State Centre felicitated the Chief Guest. Mr T K Suresh Kumar from Kochi Local Centre proposed vote of thanks.

#### Ludhiana

Mr Rupinder Singh, General Manager, Milkfed, Ludhiana graced the occasion as the Distinguished Guest and addressed the gathering. Dr Sehijpal Singh, Principal, Guru Nanak Dev Engineering College (GNDEC), Ludhiana graced the occasion. Dr Singh, in his address stated that engineering holds key to solutions of various problems facing the nation. He exhorted the audience to take inspiration from the senior engineers to work hard for achieving success and addressed the students to study and practice innovation. Giving an insight into the Royal Charter, Dr Arvind Dhingra, Department of Electrical Engineering, GNDEC, briefed the august audience about Royal Charter. 'Royal charter granted right to Indian Engineers to form their first body of professionals laying down rules and regulations to govern the practice of engineering profession in the country' he added. Earlier, Mr Rup Lal Mahajan, Chairman of the Centre welcomed the audience.



also graced the occasion with his august presence. Mr Narendra Kumar Jha, Honorary Secretary of the Centre proposed the vote of thanks.

#### North Bengal

Dr Santanu Das, Honorary Secretary of the Centre briefly described about the background of observation of Royal Charter Day. Corporate members of



North Bengal Local Centre took part in interactive session and shared their views. Dr Das also proposed the vote of thanks at the end of the programme.

#### Saurashtra

Prof (Dr) G D Acharya, Principal, Atmiya Institute of Technology & Science (AITS), Rajkot graced the occasion as the Chief Guest and addressed the august gathering. Mr Jitu Bhai Gosai, Director, Ayushi Engineering Company, Rajkot delivered lecture on the theme 'FMEA in Product Design'. Mr Gosai, in his address, mentioned that FMEA should be the guideline for development of complete set of actions, that will reduce the risk associated with the system, sub-system and component or manufacturing/assembly process to an acceptable level. Earlier, Mr R K Babaria, Honorary Secretary of the Centre welcomed guests and dignitaries. Mr N R Kalaria, from the Centre proposed the vote of thanks.



#### South Gujarat

Mr Kirti Hiralal Shethna, Chairman of the Centre and Council Member, IEI briefed about the significance of Royal Charter for the Institution. 'The Royal Charter was accorded to IEI to promote the general advancement of engineering and engineering science and their application in India and to facilitate the exchange of information and ideas on those subjects amongst the Members of and persons attached to the Institution', he added. Mr



Darshan Mehta, Joint Honorary Secretary of the Centre was also present on the occasion.

#### Udaipur

Mr Sohan Singh Rathore, Former General Manager, Hindustan Zinc Limited Udaipur graced the occasion as Chief Guest and addressed the audience. The Keynote Speaker, Dr Sudhakar Jindal, Mechanical Engineering Department, College of Technology and Engineering, Maharana Pratap University of Agriculture and Technology, Udaipur shared his views and mentioned that only IEI in the country was granted the prestigious Royal Charter in 1935. He further explained that Science and Technology go hand to hand to make the social life easier and fulfill challenges of 21st Century such as energy, food and low carbon technology to facilitate good quality of life. Earlier, Mr Anurodh Prashant, Chairman of the Centre delivered the welcome address. Mr Y K Bolia, Honorary Secretary of the Centre proposed the vote of thanks.



The Chief Guest of the function, Dr T M Gunaraja, President, IEI, in his speech explained about the centenary celebration activities of IEI and requested all the engineers to feel proud on this occasion and to celebrate it in a grand manner, so that the visibility of IEI will be increased. He further requested the members to attend the meetings and seminars organized for the benefit of the Corporate Members of IEI and student community. Mr P Rajamani, Former Vice-President, IEI and Council Member, IEI narrated about the Royal Charter and the powers delegated to the IEI through Royal Charter. Earlier, Mr S Rajagopal, Chairman of the Centre and Council Member, IEI welcomed President, IEI and other dignitaries present on the occasion. Other dignitaries graced the occasion and spoke on Royal Charter Day included Mr R Ramdoss, Chairman, Tamilnadu State Centre; Mr V Sathappan, Founder Honorary Secretary and Past Chairman; Mr V Dhanraj, Past Chairman, Madurai Local Centre and Mr I Maria Michael Raj, Past Chairman, Tuticorin Local Centre. Mr R Narayanasamy, Honorary Secretary of the Centre proposed the vote of thanks.



#### Muzaffarpur

Mr S K Mishra, Past Chairman of the Centre, in his speech, explained in depth the history of incorporation of IEI by Royal Charter. Earlier, Dr Anjani Kumar Mishra, Chairman of the Centre mentioned that in its 100 years, IEI has played a key role in the development of Engineering. Dr Rajeev Ranjan Kumar, Immediate Past Honorary Secretary of the Centre







## The Institution of Engineers (India)

8 Gokhale Road, Kolkata-700020

16 October 2019

### Notice of Special General Meeting of the Corporate Members under Bye-Law 32 (b)(i)

Notice is hereby given that a Special General Meeting of the Corporate Members of The Institution of Engineers (India) will be held at **Hotel Ashwa Park, Reddipatty Roundana, Steelplant Main Road, Salem – 636302 on 01 December 2019 at 1130 hrs** for the following purpose:

To consider the recommendations of the Council proposed at its 705th Meeting held on 22 June 2019 at Kodaikanal and finalised at its 706th Meeting held on 21 September 2019 at Mumbai:

Existing Regulations	Proposed Amended Regulations
3. (d) The Committee of the State Centre or the Local Centre may, however, co-opt additional Corporate Members for special and specific purposes, but these persons shall have no right of voting in the Committee outside the special and specific purpose for which they are co-opted and shall vacate their seats as soon as the special and specific matters shall have been dealt with.	3. (d) The Committee of the State Centre or the Local Centre may, however, specially invite additional Corporate Members for special and specific purposes, but these persons shall have no right of voting in the Committee outside the special and specific purpose for which they are invited and shall vacate their seats as soon as the special and specific matters shall have been dealt with.
4. (d) The Honorary Secretary in consultation with the Chairman, shall convene a special meeting of the Committee on receipt of a written requisition which shall contain the specific matters desired to be discussed at the special meeting and shall be signed by not less than fifty percent of members of the Committee entitled to vote, within fifteen days of the receipt of the requisition with clear notice of five days. The notice of such special meeting shall state the purpose for which the meeting is called. At such meeting no business other than specified in the requisition shall be transacted.	4. (d) The Honorary Secretary in consultation with the Chairman, shall convene a special meeting of the Committee on receipt of a written requisition which shall contain the specific matters desired to be discussed at the special meeting and shall be signed by not less than fifty percent of members of the Committee entitled to vote, within fifteen days of the receipt of the requisition with clear notice of five days. The notice of such special meeting shall state the purpose for which the meeting is called. Copy of the Notice shall be forwarded to the Secretary and Director General on the date of its circulation. At such meeting no business other than specified in the requisition shall be transacted.
4. (e) At any meeting of a Committee of the State or Local Centre, each member present in person shall have one vote. All questions shall be decided by a majority of those present and entitled to vote. In case of equality of votes, the Chairman or the person presiding shall have a second or casting vote.	4. (e) At any meeting of a Committee of the State or Local Centre, each member present in person shall have one vote. All questions shall be decided by a majority of those present and entitled to vote. In case of equality of votes, the Chairman or the person presiding shall have a second or casting vote. However, in the event of a tie in the election of Chairman / Honorary Secretary or subject in question of a State/Local centre, the result shall be decided by drawing lots.
6. (b) However, under exceptional circumstances, the President, on behalf of the Council may permit postponement of Annual General Meeting of a State Centre or the Local Centre beyond the date of Annual General Meeting of the Institution subject to such conditions and directions as the President may prescribe but not beyond sixty days from the date of the Annual General Meeting of the Institution.	6. (b) However, under exceptional circumstances, the President, on behalf of the Council may permit postponement of Annual General Meeting of a State Centre or the Local Centre beyond the date of Annual General Meeting of the Institution subject to such conditions and directions as the President may prescribe but not beyond sixty days from the date of the Annual General Meeting of the Institution. If the Annual General Meeting is not held even within this extended period then the Committee will cease to exist and action will be taken under regulation 14.
6. (c) Not less than fifteen days notice shall be given for the Annual General Meeting and this period shall be exclusive of the day on which the notice is deemed to be given, but be inclusive of the day for which the notice is given. The Audited Accounts of the State Centre or the Local Centre and the Annual Report of the Committee for the preceding year shall accompany the Notice.	6. (c) Not less than fifteen days notice shall be given for the Annual General Meeting and this period shall be exclusive of the day on which the notice is deemed to be given, but be inclusive of the day for which the notice is given. The Audited Accounts of the State Centre or the Local Centre and the Annual Report of the Committee for the preceding year shall accompany the Notice. Copy of the Notice shall be uploaded to the Centre website and also forwarded to the Secretary and Director General on the date of its circulation to the Corporate Members.
7. (a) Before Annual General Meeting in the year in which election is due, the Committee of each State Centre and Local Centre shall elect one of its members who is a Fellow to be the Chairman of the Committee of the State Centre or the Local Centre for two ensuing sessions, pursuant to the provisions of Regulation 3(e). The persons so elected shall take office as the Chairman of the State Centre or the Local Centre at the Annual General Meeting of the State Centre or the Local Centre as the case may be and as a member of the Council if so permitted under the Bye-Laws, at the next ensuing Annual General Meeting of the Institution.	7. (a) Before Annual General Meeting in the year in which the election is due, the Committee of each State Centre and Local Centre shall elect one of its members who is a Fellow to be the Chairman of the Committee of the State Centre or Local Centre for two ensuing sessions, subject to the provisions of Regulation 3(e) and before the date of inviting nominations by the Board of Scrutineers in the election process to the committee of the State Centre or Local Centre as the case may be. The person so elected shall take office as the Chairman of the state Centre or the Local centre at the Annual General Meeting of the State or Local Centre as the case may be and as a member of the council if so permitted under the Bye-Law, at the next ensuing Annual General Meeting of the Institution.

Existing Regulations	Proposed Amended Regulations
<p>Provided however, that a person who takes office as the Chairman of a State Centre or a Local Centre at an Annual General Meeting of the State Centre or the Local Centre, as the case may be, held after the Annual General Meeting of the Institution under the provisions of Regulations 6(b) or 14, shall take office as an ex-officio Member of the Council at the next Annual General Meeting of the Institution or earlier as may be decided by the Council.</p> <p>Provided further that in case of a Local Centre having less than 400 Corporate Members, the Committee shall elect a Member or a Fellow as its Chairman.</p>	<p>Provided however, that a person who takes office as the Chairman of a State or a Local centre at an Annual General Meeting of the State Central or the Local Centre, as the case may be, held after the Annual General Meeting of the Institution under the provisions of Regulations 6(b) or 14, shall take office as an ex-officio Member of the Council at the next Annual General meeting of the Institution or earlier as may be decided by the council.</p> <p>Provided further that in case of a Local Centre having less than 400 Corporate Members, the Committee shall elect a Member or a Fellow as its Chairman.</p>
<p>8. (a) Before Annual General Meeting in the year in which election is due, the Committee of each State Centre shall also elect one of its members to be the Honorary Secretary of the Committee for the two ensuing sessions pursuant to the provisions of Regulation 3(e) and he shall not be eligible for further election as an Honorary Secretary of any State Centre after laying his office as the Honorary Secretary completing his term of office partly or fully. The person so elected shall take office as Honorary Secretary of the State Centre at the Annual General Meeting of the State Centre. An Honorary Secretary of a State Centre shall not be eligible for further election.</p>	<p>8. (a) Before Annual General Meeting in the year in which the election is due, the Committee of each State Centre shall also elect one of its members to be the Honorary Secretary of the Committee for two ensuing sessions, subject to the provisions of Regulation 3 (e) and before the date of inviting nominations by the Board of Scrutineers, in the election process to the committee of the respective State Centre and he shall not be eligible for further election as an Honorary Secretary of any state Centre after laying his office as Honorary Secretary completing his term of office partly or fully. The person so elected shall take office as Honorary Secretary of the State Centre at the Annual General Meeting of the State Centre. An Honorary Secretary of a State Centre shall not be eligible for further election.</p>
<p>8. (b) Before Annual General Meeting in the year in which election is due, the Committee of each Local Centre shall also elect one of its members to be the Honorary Secretary of the Committee for the two ensuing sessions pursuant to the provisions of Regulation 3(e) and he shall not be eligible for further election as an Honorary Secretary of any Local Centre after laying his office as the Honorary Secretary completing his term of office partly or fully. The person so elected shall take office as Honorary Secretary of the Local Centre at the Annual General Meeting of the Local Centre. An Honorary Secretary of a Local Centre shall not be eligible for further election.</p>	<p>8. (b) Before Annual General Meeting in the year in which the election is due, the Committee of each Local Centre shall also elect one of its members to be the Honorary Secretary of the Committee for two ensuing sessions, subject to the provisions of Regulation 3(e) and before the date of inviting nominations by the Board of Scrutineers in the election process to the committee of the respective Local Centre and he shall not be eligible for further election as an Honorary Secretary of any Local Centre after laying his office as Honorary Secretary completing his term of office partly or fully. The person so elected shall take office as Honorary Secretary of the Local Centre at the Annual General Meeting of the Local Centre. An Honorary Secretary of a Local Centre shall not be eligible for further election.</p>
<p>10. (a) Vacancies occurring in the Committee during any sessions may be filled up by the Committee of a State Centre or a Local Centre by nomination.</p>	<p>10. (a) Vacancies at the beginning of any Session or occurring in the Committee during any sessions may be filled up by the Committee of a State Centre or a Local Centre, as the case may be, by co-option. Such co-opted Members shall have voting right in the Committee but shall not be eligible to be a Chairman, an Honorary Secretary or a Joint Secretary of the State or Local Centre as the case may be. They should not have served in the committee continuously for more than 3 tenure in any capacity.</p>
<p>12. (a) The Honorary Secretary of a State Centre or a Local Centre shall conduct all the business of the Centre and carry out all duties always consistent with the provisions of the Charter, the Bye-Laws, the Regulations, the Resolutions of the General Meetings of Corporate Members, the directions of the Council and directions of the Committee of the State Centre or the Local Centre and the Laws and Statutes of the country. The Honorary Secretary shall be responsible for the conduct of all correspondence and office work of the State Centre or the Local Centre; he shall maintain a register of all classes of members attached to the State Centre or the Local Centre and their addresses; he shall normally attend all meetings of the Committee and Annual General Meeting and shall have the business thereat correctly and fully recorded and reported, and shall have the copies of the Minutes sent to the Secretary and Director General; he shall have charge of the library/information centre of the State Centre or the Local Centre and shall conduct the ordinary business of the State Centre or the Local Centre. He shall obtain the opinion of the Committee in respect of any application for membership of any class if referred to him by the Secretary and Director General and shall communicate such opinion within six weeks from the date of despatch of the letter of the Secretary and Director General requesting for the opinion.</p>	<p>12. (a) The Honorary Secretary of a State Centre or a Local centre shall conduct all the business of the centre under the direction / supervision of the committee and the Chairman and carry out all duties always consistent with the provisions of the Charter, the Bye Laws, the Regulations, the Resolutions of the General meeting of Corporate Members, the direction of the council and the direction of the Committee of the State Centre or Local Centre and the Laws and Statutes of the Country. The Honorary Secretary shall be responsible for the conduct of all the correspondence and office work of the state Centre or Local Centre; he shall maintain the register of all classes of members attached to the State Centre or the Local centre and their addresses; he shall normally attend all meetings of the committee and Annual General Meeting and shall have the business thereat correctly and fully recorded and reported and shall have the copies of the Minutes approved by the Chairman of the said meeting, sent to the Secretary and Director General; he shall have the charge of the library/information centre of the State centre or the Local centre and shall conduct the ordinary business of the State centre or the Local centre. He shall obtain the opinion of the Committee in respect of any application for membership of any class if referred to him by the Secretary and Director General and shall communicate such opinion within six weeks from the date of despatch of the letter to the Secretary and Director General requesting for the opinion.</p>
<p>17. In the event of a State Centre failing to elect its member to the Council under Regulation 13, the Council shall nominate a Corporate Member of that State Centre to the Council for one session. In case the State Centre fails to elect one Corporate Member to the Council as per normal schedule and procedure and if there is no direction/ restraint/ injunction from a competent Court of Law in the matter, the election shall be conducted with the next due elections of the State Centre.</p>	<p>17. (a) In the event of a State centre failing to elect its member to the council under regulation 13, the council shall co-opt a Corporate Member of the State Centre to the council for one session.</p> <p>(b) In case the State Centre fails to elect one corporate member to the council as per normal schedule and procedure and if no direction/ restrain/ injunction from the competent court of Law in the matter, the election shall be conducted with the next due elections of the State centre.</p>



Existing Regulations	Proposed Amended Regulations
23 (b) A Member nominated to contest any election shall declare along with his consent to stand for election, details of proceedings by the Council or the Ethics Control Board against him, if any.	23 (b) A Member nominated to contest any election shall declare along with his consent to stand for election, details of criminal proceedings in any court of law and proceedings by the Council or the Ethics Control Board against him, if any.
<b>Election from Divisions to the Council under Bye-Law 4(a)(iv)</b> 24. (a) During the year in which the election under Bye-Law 4(a)(iv) is due, the Council shall appoint not later than the month of April a Board of Scrutineers comprising the President and three immediate available Past Presidents in precedence. The President shall convene and preside over the meetings of the Board of Scrutineers and all decisions shall be taken collectively. The quorum for the meeting of the Board of Scrutineers shall be two. (b) The Board of Scrutineers shall conduct the entire process of election from the Headquarters of the Institution and shall not delegate any of its powers and authority to any other person. The Board of Scrutineers shall have the authority to utilise the services of and take assistance from any person and/or employees of the Institution for administrative and operational work. (c) The Board of Scrutineers at its first meeting shall scrutinise the Roll of Corporate Members as on 31st March of the preceding year, ascertain the number of representatives of the Divisions under provision of Bye-Law 4(a)(iv), prepare the programme for various stages of the process of election so as to be able to finalise and notify the results before 1st day of December of the said year. (d) Under the direction of the Board of Scrutineers, a Post Box or a Post Bag in a Post Office as may be selected by the Board of Scrutineers, shall be reserved for the period not less than the period from the date of posting of voting papers to the last date of return of the ballots. (e) The Board of Scrutineers shall publish in the IEI News and/or a regular publication of the Institution circulated to all Corporate Members, a notification inviting Corporate Members to nominate names of candidates for the election, indicating exact number of representatives from each division under provision of Bye-Law 4(a)(iv). This particular issue will be sent by post. The notification shall direct that a member attached to a Division shall be eligible to nominate Corporate Members only from his Division, numbering not more than the number of representatives of that Division under provision of Bye-Law 4(a)(iv). The last date for receiving nominations shall not be less than thirty days from the last date on which the copies of the said publication are posted. The nomination shall include the name, the class of membership, Division and the Membership number of the Corporate Member nominating and the Corporate Members nominated. The proposer shall also submit, an acceptable proof of his identity, viz PAN card or Driving License or Photo ID Card issued by State/Central Government bearing his signature or Photo ID Card of The Institution bearing his signature or first page of his passport duly self attested. (f) Members retiring from the Council after completion of three full tenure at a stretch shall not be eligible for re-election. However, they shall be eligible for re-election after a break of one term. (g) On expiry of the last date of receipt of nomination, the Board of Scrutineers shall meet and scrutinize the nomination papers and verify the validity of the nominations, rejecting the nominations which may be found to be invalid on account of their not being in conformity with the requirements of the Regulation 24(e) above. (h) Thereafter, the President or a member of the Board of Scrutineers nominated by the Board of Scrutineers shall write to each validly nominated candidate through registered post or courier services requesting him to send his declaration under Regulation 23(b) and written consent to offer himself as a candidate for election or otherwise, within a period not less than twenty one days from the date of the letter. The letter shall also indicate that in case no reply is received within the stipulated period, it shall be deemed that the candidate is not willing to contest the election. The letter of the Board of Scrutineers shall include the names of all Corporate Members validly nominated in the particular Division and shall request each candidate to send his brief bio-data in not more than one hundred words, in case he wishes to contest.	<b>Election from Divisions to the Council under Bye-Law 4(a)(iv)</b> 24. (a) No Change (b) No Change (c) The Board of Scrutineers at its first meeting shall scrutinise the Roll of Corporate Members as on 31st March of the preceding year, ascertain the number of representatives of the Divisions under provision of Bye-Law 4(a)(iv), prepare the programme for various stages of the process of election so as to be able to finalise and notify the results before 1st day of December of the said year. (d) The Board of Scrutineers shall conduct the election as per the 'Procedure for conduct of election' as approved by the council from time to time and duly notified for information of the corporate members through IEI's Newsletter/ Web. (d) To be deleted (e) To be deleted (f) No Change (g) To be deleted (h) To be deleted

Existing Regulations	Proposed Amended Regulations
<p>Such bio-data shall be circulated as received from the concerned nominated members but may be abridged to limit it to one hundred words and the Board of Scrutineers shall not be responsible for correctness or otherwise of such information.</p> <p>Any letter/notice served or sent by post shall be deemed to have been served or delivered at the expiry of ninety-six hours after it was posted.</p> <p>(i) On expiry of the last date for receipt of consent from the nominated Corporate Members, the Board of Scrutineers shall finalise the list of candidates for election, excluding candidates disqualified, if any, under Regulation 23(c), to each Division.</p> <p>(j) The Voting papers and stationeries shall include –</p> <ol style="list-style-type: none"> <li>Instructions to Voters printed on the reverse side of Personalised Ballot paper.</li> <li>The Bio-data of the contestant if furnished, as finalized by the BOS, shall be uploaded on the election site. This shall be available in public domain. It shall also be available to the voter while casting the vote on web. Additionally, bio-data of the contestant as finalized by BOS will accompany the voting papers.</li> <li>Personalized Ballot Paper printed as Optical readable with encrypted bar code having pre-printed detachable identification slip with particulars of the individual voters having his recorded address, including space for his signature.</li> <li>One small envelope with the name of the Division superscribed on it.</li> <li>One self-addressed larger envelope identical for all Divisions to contain the smaller one containing the Ballot Paper, detachable identity slip of the voter and self signed photocopy of the identity proof detailed at (l) below attached to the smaller envelope externally.</li> </ol> <p>The stationeries shall be printed in separate sets for each Division, number of such sets being adequate to cater for distribution to eligible voters in the Division and also for issue of duplicate sets, in case of non receipt of voting papers by any voter, against written request. The Board of Scrutineers shall maintain proper records of the number of such materials printed and distributed.</p> <p><b>Electronic Voting</b></p> <p>While paper ballot shall be sent to all eligible Corporate Members, those Corporate Members who have registered their mobile numbers and/or e-mail ID on or before 31st March of the year in which election is due shall also have the facility of voting through web. Such corporate Members shall be sent a computer auto generated unique password and login ID by SMS and/or e-mail to their mobile number and/or e-mail ID on day the voting starts.</p> <p>A voter can use his password to vote only once and having used the password to cast his vote, the password shall become inoperative and cannot be used for further voting in the same election. The web site for electronic voting shall close on 1700 hrs on the date specified for return of ballots and thereafter no voting on the web can be done.</p> <p>(k) The voting papers shall be posted, only to addresses of the Corporate Members as recorded on 31st March of the preceding year.</p> <p>The envelope containing ballot papers etc. shall be despatched to eligible voters on their recorded address by post as the case may be and record of all such despatch shall be maintained. In case of large number of such envelopes, posting may be done from multiple post offices in the city.</p> <p>(l) The Postal Ballots shall be returnable, by the voters by post only and not by any other mode, to the designated Post Box or Post Bag and not to the Headquarters of the Institution or to any member of the Board of Scrutineers or the President, by not less than forty-five days from the date of posting of the last lot of voting papers to the voters.</p> <p>Use of stationery other than the stationery officially supplied by the Board of Scrutineers shall invalidate the same. The voter while returning the paper ballot shall also submit, an acceptable proof of his identity, viz PAN Card or Driving License or Photo ID Card issued by State/Central Government bearing his signature or Photo ID Card of The Institution bearing his signature or first page of his passport duly self attested.</p>	<p>(i) To be deleted</p> <p>(j) To be deleted</p> <p>(k) To be deleted</p> <p>(l) To be deleted</p>



Existing Regulations	Proposed Amended Regulations
<p>In case the name in the specified document is written differently from the identity slip e.g (full name vis-a-vis initials), a certificate that both names belong to same person is to be provided on the photocopy by the voter.</p> <p>The signature on the photocopy shall be compared with the signature on the identity slip during scrutiny.</p> <p>The envelope containing sealed ballot envelope, identity slip and signed photo copy of “proof of identity” document shall be returned to the BOS by post in a pre-printed reply envelope issued to the voters by the Headquarters/Centre as the case may be for which the postage shall be paid by the voter.</p> <p>Duplicate ballots shall be issued against written request whenever received by Convener of BOS and shall be sent on recorded addresses of the voter(s) by post as the case may be. Record of such issues shall be maintained. It shall be duly marked as “DUPLICATE” on detachable identity slip.</p> <p>(m) The Board of Scrutineers shall nominate two or more of its members to collect the envelopes containing the ballots from the Post Office, number them serially and keep a record of the same collected each day. The envelopes containing voting papers returned as undelivered and collected from the Post Office shall also be numbered separately and a record kept.</p> <p>The final collection shall be made immediately after the last date and time specified for return of the ballots.</p> <p>(n) The Board of Scrutineers shall, after the expiry of the said forty-five days and on the day designated for counting the votes, arrange to scrutinise the voting papers with the assistance of other Corporate Members or the employees, as may be approved by them.</p> <p>Scrutiny of Ballots and counting of votes shall be supervised by at least two members of the Board of Scrutineers.</p> <p>(o) For scrutiny, outer envelope shall be opened and inner envelope together with the identity slip of voter and signed photocopy of specified document as mentioned in paragraph (l) and shall be sorted Division-wise, rejecting all such envelopes which are found to be irregular or defaced, tampered with or found to be interfered with unwarrantably or obliterated in anyway or where the signature on the identity slip does not tally with signature on the photo copy of the specified document, or is illegible or correcting fluid has been used, to make corrections.</p> <p>The total number of smaller envelopes shall be compared with the record of collection from Post Box/Post Bag. Any discrepancy shall be recorded and sorted out to the satisfaction of the Board of Scrutineers before opening the envelopes containing the ballots.</p> <p>The identity slip and signed photocopy of the voter’s identity paper shall then be detached and separated out. Envelopes, containing the ballot paper would be opened Division-wise and the ballot papers scrutinized for any irregularity or tampering and only the valid ballots shall be scanned for counting.</p> <p>Manual counting of votes is not permissible. Counting of the ballot division-wise shall be done through scanning. The computer connected to the scanner and loaded with the special software shall give count of votes secured by each contestant. In unlikely event of two or more ballots from the same voter, the system will reject all votes of such voter and the detail of such voter, without details of the votes cast, shall be available. During the process of mediation, the total number of ballots scanned should tally with total number of counted ballots displayed on computer. In case of discrepancy, if any, all ballot papers should be checked by physical count and rescanned, if necessary. There is no provision of manual entry of votes in the scanned data. The result of paper ballot shall be uploaded by the BOS by using their individual login ID and password to the specified election site.</p> <p>Only after the data of web voting and paper ballot has been merged, the report for the result of the voting shall be printed. It shall be signed by the members of the BOS present.</p> <p>In the event of a tie, the Board of Scrutineers shall decide the result by toss of a coin or by drawing lots.</p> <p>The Board of Scrutineers shall inform the candidates about the date of counting the votes and shall permit the candidate or a Corporate Member as his representative, duly authorised in writing, to be present during counting of votes of the concerned Division.</p>	<p>(m) To be deleted</p> <p>(n) To be deleted</p> <p>(o) To be deleted</p>

Existing Regulations	Proposed Amended Regulations
<p>(p) Separate reports for each Division shall be made indicating total number of Ballots received, total number of Ballots found valid and found void and votes polled by each candidate and signed by the members of the Board of Scrutineers present during the scrutiny of the ballot papers and counting of votes.</p> <p>(q) The Board of Scrutineers shall announce the names of the winning candidates and submit its report along with the results of election to the Council through Secretary and Director General. The voting papers shall then be sealed and kept with the Secretary and Director General for 30 days after the immediately following Annual General Meeting of the Institution whereafter they shall be destroyed.</p> <p>(r) The Board of Scrutineers shall implement measures for the purpose of ensuring the sanctity and the confidentiality of the election.</p>	<p>(p) To be deleted</p> <p>(q) To be deleted</p> <p>(r) No Change</p>
<p><b>Election from Divisions to the Committee of the State / Local Centres</b></p> <p>25. (a) In the year in which election under Regulation 3(a)(v) is due, the Committee of the State Centre or Local Centre shall appoint, except in case of a State Centre or Local Centre covered by Regulation 25(t), not later than the month of May, a Board of Scrutineers comprising five Corporate Members attached to the respective Centre who are not themselves candidates for the election nor their relatives are candidates for the elections being conducted by it. Three members shall form the quorum for meeting of the Board of Scrutineers and all decisions shall be taken collectively. The Board of Scrutineers, from amongst themselves, shall appoint a Convener who will also Chair all the meetings.</p> <p>The Chairman and the Honorary Secretary in the office and the Chairman-elect and Honorary Secretary-elect shall not be members of the BOS.</p> <p>No person shall be member of BOS for more than two consecutive elections.</p> <p>Casual vacancy in the Board of Scrutineers due to resignation, disqualification or any other reason, of one or more members, shall be filled by co-option by the Board of Scrutineers.</p> <p>(b) The Board of Scrutineers shall conduct the entire process of election from the office of the State Centre or Local Centre and shall not delegate any of its powers and authority to any other person. The Board of Scrutineers shall have the authority to utilise the services of and take assistance from any person and/or employee of the Institution for administrative and operational work.</p> <p>(c) The Board of Scrutineers at its first meeting shall scrutinise the Roll of Corporate Members as on 31st March of the preceding year made available under provision of Regulation 23(d) by the Secretary and Director General, ascertain the number of representatives in each Division under provision of Regulation 3(a)(v), prepare the programme for various stages of the process of election so as to be able to finalise and notify the results before the date of the Annual General Meeting of the Centre but not later than 31st October.</p> <p>(d) If considered necessary by the Board of Scrutineers, a Post Box or a Post Bag in a post office, selected by the Board of Scrutineers, shall be reserved for the period not less than the period from the date of posting of voting papers to the last date of return of the ballots.</p> <p>(e) The Board of Scrutineers shall invite nominations, through a notification in a publication of the Centre circulated to all Corporate Members attached to the Centre. In case such a publication is not available in the Centre, the notification shall be sent by post. The notification shall indicate exact number of representatives from each Division under provision of Regulation 3(a)(v), and direct that a member attached to a Division shall be eligible to nominate Corporate Members only from his Division, numbering not more than the number of representatives in that Division under provision of Regulation 3(a)(v). The last date for receiving nominations shall not be less than fifteen days from the last date on which the copies of the said publication or the letters are posted. The nomination shall include the name, the class of membership, Division and the membership number of the Corporate Member nominating and the Corporate Members nominated together with the written consent of the nominated member to serve in the Committee of the State Centre or Local Centre, if elected, and declaration required under Regulation 23(b). The proposer shall also submit, an acceptable proof of his identity, viz. PAN Card or Driving Licence or Photo ID Card issued by State/Central Government bearing his signature or Photo ID Card of The Institution bearing his signature or first page of his passport duly self attested.</p>	<p><b>Election from Divisions to the Committee of the State / Local Centres</b></p> <p>25. (a) No Change</p> <p>(b) No Change</p> <p>(c) The Board of Scrutineers at its first meeting shall scrutinise the Roll of Corporate Members as on 31st March of the preceding year made available under provision of Regulation 23(d) by the Secretary and Director General, ascertain the number of representatives in each Division under provision of Regulation 3(a)(v), prepare the programme for various stages of the process of election so as to be able to finalise and notify the results before the date of the Annual General Meeting of the Centre but not later than 31st October.</p> <p>(d) The Board of Scrutineers shall conduct the election as per the 'Procedure for conduct of election' as approved by the council from time to time and duly notified for information of the corporate members through IEI's Newsletter/ Web.</p> <p>(d) To be deleted</p> <p>(e) Members retiring from the Committee after completion of three full tenure at a stretch shall not be eligible for re-election. However, they shall be eligible for re-election after a break of one term.</p>



Existing Regulations	Proposed Amended Regulations
<p>Members retiring from the Committee after completion of three full tenure at a stretch shall not be eligible for re-election. However, they shall be eligible for re-election after a break of one term.</p> <p>(f) On expiry of the last date for receipt of nominations, the Board of Scrutineers shall meet and scrutinise the nomination papers and verify validity of the nominations, rejecting the nominations which may be found to be invalid on account of their not being in conformity with the requirements of the Regulation 25(e). If disqualification of a candidate is warranted, the Board of Scrutineers shall proceed in accordance with provision of Regulation 23(c).</p> <p>(g) Thereafter, the Convener or a member of the Board of Scrutineers nominated by the Board of Scrutineers shall write to each validly nominated candidate, through registered post or courier services requesting him to confirm, by not less than fifteen days from the date of despatch of the letter, if he is offering himself as a candidate for election or otherwise. The letter shall also indicate that in case no reply is received within the stipulated period, the candidate shall be deemed to have withdrawn his candidature and is not willing to contest the election.</p> <p>(h) The letter of the Board of Scrutineers shall include the names of all Corporate Members validly nominated in the particular Division and shall request each candidate to send his brief bio-data in not more than one hundred words in case he wishes to contest.</p> <p>The bio-data shall be circulated as received from the concerned candidate but may be abridged to limit it to one hundred words and the Board of Scrutineers shall not be responsible for correctness or otherwise of such information.</p> <p>The Bio data of the contestant if furnished, as finalized by the BOS, shall be uploaded on the election site. This shall be available in public domain. It shall also be available to the voter while casting the vote on web. The Bio data of the contestants shall also be published in the Centre's Newsletter. Additionally, the Bio data as finalized by the BOS in printed sheet shall accompany the paper ballot.</p> <p>Any letter/notice served or sent by post or courier shall be deemed to have been served or delivered on the expiry of ninety-six hours after it was posted/despached.</p> <p>(i) On expiry of the last date of receipt of consent from the candidates, the Board of Scrutineers shall finalise the list of candidates for election to each Division.</p> <p>(j) The Board of Scrutineers shall then prepare voting papers, separate for each Division, showing the names of Corporate Members willing to serve on the Committee if elected, and post them to the Corporate Members attached to the respective Divisions at their recorded addresses. Voting papers shall be returnable by post only to the Board of Scrutineers within a period which shall not be less than forty-five days of the date of posting them.</p> <p>(k) The voting papers and stationeries shall include –</p> <ol style="list-style-type: none"> <li>Instructions to Voters printed on the reverse side of Personalised Ballot paper.</li> <li>The Bio data of the contestant if furnished, as finalized by the BOS, shall be uploaded on the election site. This shall be available in public domain. It shall also be available to the voter while casting the vote on web. Additionally, bio-data of the contestant as finalized by BOS will accompany the voting papers.</li> <li>Personalized Ballot Paper printed as Optical readable with encrypted bar code having pre-printed detachable identification slip with particulars of the individual voters having his recorded address, including space for his signature.</li> <li>One small envelope with the name of the Division superscribed on it.</li> <li>One self-addressed larger envelope identical for all Divisions to contain the smaller one containing the Ballot Paper, detachable identity slip of the voter and self signed photocopy of the identity proof detailed at (m) below attached to the smaller envelope externally.</li> </ol> <p>The stationeries shall be printed in separate sets for each Division, number of such sets being adequate to cater for distribution to eligible voters in the Division and also for issue of duplicate sets, in case of non-receipt of voting papers by any voter, against written request. The Board of Scrutineers shall maintain proper records of the number of such materials printed and distributed.</p>	<p>(f) To be deleted</p> <p>(g) To be deleted</p> <p>(h) To be deleted</p> <p>(i) To be deleted</p> <p>(j) To be deleted</p> <p>(k) To be deleted</p>

Existing Regulations	Proposed Amended Regulations
<p><b>Electronic Voting</b></p> <p>While paper ballot shall be sent to all eligible Corporate Members, those Corporate Members who have registered their mobile numbers and/or e-mail ID on or before 31st March of the year in which election is due shall also have the facility of voting through web. Such corporate Members shall be sent a computer auto generated unique password and login ID by SMS and / or e-mail to their mobile number and/or e-mail ID on day the voting starts.</p> <p>A voter can log in using his password issued to him in his registered mobile / e-mail on the starting day of the election. However, while casting the vote, a system generated One Time Password (OTP) shall be sent to his registered mobile/email. Voter has to use that OTP for casting his vote. The validity of the OTP shall be for fifteen minutes only or till its first successful use whichever is earlier.</p> <p>A voter can use his password to vote only once and having used the password to cast his vote, the password shall become inoperative and cannot be used for further voting in the same election. The web site for electronic voting shall close on 1700 hrs on the date specified for return of ballot and thereafter no voting on the web can be done.</p> <p>(l) The voting papers shall be posted, only to addresses of the Corporate Members as recorded on 31st March of the preceding year.</p> <p>The envelope containing ballot papers etc shall be despatched to eligible voters on their recorded address by post as the case may be and record of all such dispatch shall be maintained. In case of large number of such envelopes, posting may be done from multiple post offices in the city.</p> <p>(m) The postal ballots shall be returnable, by the voters by post only and not by any other mode, to the designated Post Box or Post Bag or to the Centre's address printed on the envelope, and not to any member of the Board of Scrutineers, by not less than forty five days from the date of posting of the last lot of voting papers to the voters.</p> <p>Use of stationery other than the stationery officially supplied by the Board of Scrutineers shall invalidate the same.</p> <p>The voter while returning the paper ballot shall also submit, an acceptable proof of his identity, viz PAN Card or Driving License or Photo ID Card issued by State/ Central Government bearing his signature or Photo ID Card of The Institution bearing his signature or first page of his passport duly self attested.</p> <p>In case the name in the specified document is written differently from the identity slip e.g. (full name vis-a-vis initials), a certificate that both names belong to same person is to be provided on the photocopy by the voter.</p> <p>The signature on the photocopy shall be compared with the signature on the identity slip during scrutiny.</p> <p>The envelope containing sealed ballot envelope, identity slip and signed photo copy of "proof of identity" document shall be returned to the BOS by post in a pre-printed reply envelope issued to the voters by the Headquarters/Centre as the case may be for which the postage shall be paid by the voter.</p> <p>Duplicate ballots shall be issued against written request whenever received by Convener of BOS and shall be sent on recorded addresses of the voter(s) by post as the case may be. Record of such issues shall be maintained. It shall be duly marked as "DUPLICATE" on detachable identity slip.</p> <p>(n) The Board of Scrutineers shall authorise two or more of themselves to collect from the Post Office the envelopes containing the ballots, date and number serially the envelopes unopened as they are received by them and keep a record of the ballots collected each day. The envelopes containing voting papers returned as undelivered and collected from the Post Office shall also be numbered separately and a record kept.</p> <p>The final collection shall be made immediately after the last date and time specified for return of the ballots.</p>	<p>(l) To be deleted</p> <p>(m) To be deleted</p> <p>(n) To be deleted</p>



Existing Regulations	Proposed Amended Regulations
<p>(o) The envelopes shall be lodged each day in a ballot drop box provided for the purpose. The ballot drop box shall be housed in a room to be under lock and key and shall not be accessible to any one other than the Board of Scrutineers and shall not be removed from the said room under any plea whatsoever, and shall be in the custody of the Board of Scrutineers. Before dropping any ballots in the ballot drop box, it shall be locked and sealed in the presence of the Board of Scrutineers after ascertaining that it is empty. The envelopes containing the ballots should be dropped into the box through the drop slit, which shall be sealed under the signature of the member of the Board of Scrutineers each time after the envelopes are dropped.</p> <p>(p) The Board of Scrutineers shall after the expiry of the said forty-five days and on the day designated for counting the votes, open the ballot box and arrange to scrutinise the voting papers with the assistance of other Corporate Members and/or the employees as may be approved by them.</p> <p>Scrutiny of ballots and counting of votes shall be supervised by at least two members of the Board of Scrutineers.</p> <p>(q) For scrutiny, outer envelope shall be opened and inner envelope together with the identity slip of the voter and signed photo copy of specified document as mentioned in paragraph (m) above shall be sorted Division-wise, rejecting all such envelopes which are found to be irregular or defaced, tampered with or found to be interfered with unwarrantably or obliterated in anyway or where the signature on the identity slip does not tally with signature on the photo copy of the specified document, or is illegible or correcting fluid has been used, to make corrections.</p> <p>The total number of smaller envelopes shall be compared with the record of collection from Post Box/Post Bag. Any discrepancy shall be recorded and sorted out to the satisfaction of the Board of Scrutineers, before opening the envelopes containing the ballots.</p> <p>The identity slip and signed photocopy of the voter's identity paper shall then be detached and separated out. Envelopes, containing the ballot paper would be opened Division-wise and the ballot papers scrutinised for any irregularity or tampering and only the valid ballots shall be scanned for counting.</p> <p>Manual counting of votes is not permissible. Counting of the ballot Division-wise shall be done through scanning. The computer connected to the scanner and loaded with the special software shall give count of votes secured by each contestant. In unlikely event of two or more ballots from the same voter, the system will reject all votes of such voter and the detail of such voter, without details of the votes cast, shall be available. During the process of mediation, the total number of ballots scanned should tally with total of number of counted ballots displayed on computer. In case of discrepancy, if any, all ballot papers should be checked by physical count and rescanned, if necessary.</p> <p>There is no provision of manual entry of votes in the scanned data. The result of paper ballot shall be uploaded by the BOS by using their individual login ID and password to the specified election site.</p> <p>Only after the data of web voting and paper ballot has been merged, the report for the result of the voting shall be printed. It shall be signed by the members of the BOS present.</p> <p>In the event of a tie, the Board of Scrutineers shall decide the result by toss of a coin or by drawing lots.</p> <p>The Board of Scrutineers shall inform the candidates about the date of counting the votes and shall permit the candidate or a Corporate Member as his representative, duly authorised in writing, to be present during counting of votes of the concerned Division.</p> <p>(r) The BOS shall after merging the data of web voting and paper ballot print the report for the result of the voting. It shall be signed by the members of the BOS present and the same along with connected papers shall be submitted to the Chairman of the Centre and forward a copy of the report to the Honorary Secretary of the Centre and also to the Secretary and Director General of the Institution for necessary action.</p> <p>The Honorary Secretary shall immediately thereafter communicate official results of the election to the Secretary and Director General.</p> <p>Simultaneously, Board of Scrutineers shall announce the names of the winning candidates.</p>	<p>(o) To be deleted</p> <p>(p) To be deleted</p> <p>(q) To be deleted</p> <p>(r) The BOS shall after web voting print the report for the result of the voting. It shall be signed by the members of the BOS present and the same along with connected papers shall be submitted to the Chairman of the Centre and forward a copy of the report to the Honorary Secretary of the Centre and also to the Secretary and Director General of the Institution for necessary action.</p> <p>The Honorary Secretary shall immediately thereafter communicate official results of the election to the Secretary and Director General.</p> <p>Simultaneously, Board of Scrutineers shall announce the names of the winning candidates.</p>

Existing Regulations	Proposed Amended Regulations
<p>(s) The Chairman of the State Centre or Local Centre shall announce the result of the voting at the Annual General Meeting of the State Centre or Local Centre as the case may be. Thereafter, the voting papers shall be kept by the Chairman for thirty days in sealed conditions whereafter they shall be destroyed.</p> <p>(t) In case of a State Centre or Local Centre to which less than 500 Corporate Members are attached, the members of the Committee other than the Chairman and the Honorary Secretary shall be elected at the Annual General Meeting of the State Centre or Local Centre. The Chairman-elect or the retiring Chairman shall declare the number of representatives of each Division to be elected by the Corporate Members attached to those Divisions in accordance with the provision of Regulation 3(a)(v) and invite nominations from the Corporate Members of the respective Division attached to the State Centre or Local Centre present at the meeting and the election shall be conducted by majority show of hands or by ballot at the Annual General Meeting.</p> <p>(u) The Board of Scrutineers shall implement measures which the Council may prescribe from time to time for the purpose of ensuring the sanctity and the confidentiality of the election.</p>	<p>(s) The Chairman of the State Centre or Local Centre shall announce the result of the voting at the Annual General Meeting of the State Centre or Local Centre as the case may be.</p> <p>(t) No Change</p> <p>(u) No Change</p>
<p><b>Election to the Council from State Centre</b></p> <p>26. (a) The Honorary Secretary of a State Centre, on receipt of a notification from the Secretary and Director General under Bye-Law 11 calling upon the State Centre to elect the representative of the State Centre in the Council, shall call a meeting of the State Centre Committee to appoint, not later than the month of May, a Board of Scrutineers comprising five Corporate Members attached to the Centre who are not themselves candidates for the election nor their relatives are candidates for the election being conducted by it. Three members shall form the quorum for meeting of the Board of Scrutineers. The Board of Scrutineers, from amongst themselves, shall appoint a Convener who will also Chair all meetings.</p> <p>The Chairman and the Honorary Secretary in the office and the Chairman-elect and Honorary Secretary-elect shall not be members of the BOS.</p> <p>No person shall be member of BOS for more than two consecutive terms.</p> <p>Casual vacancy in the Board of Scrutineers due to resignation, disqualification or any other reason, of one or more members, shall be filled by co-option by the Board of Scrutineers.</p> <p>(b) The Board of Scrutineers shall conduct the entire process of election from the office of the State Centre and shall not delegate any of its powers and authority to any other person. The Board of Scrutineers shall have the authority to utilise the services of and take assistance from any person and/or employee of the Institution for administrative and operational work.</p> <p>(c) The Board of Scrutineers at its first meeting shall scrutinise the Roll of Corporate Members as on 31st March of the preceding year made available under provision of Regulation 23(d) by the Secretary and Director General, prepare the programme for various stages of the process of election so as to be able to finalise and notify the results before the date of the Annual General Meeting of the Centre but not later than 31st October.</p> <p>(d) The Board of Scrutineers shall reserve a Post Box or a Post Bag in a post office selected by the Board of Scrutineers for the period not less than the period from the date of posting of voting papers to the last date of return of the ballots.</p> <p>(e) The Board of Scrutineers shall invite nominations, for the representative of the State Centre in the Council, through a notification in a publication of the Centre circulated to all Corporate members attached to the Centre. In case such a publication is not available in the Centre, notification shall be sent by post. The last date for receiving nomination shall not be less than fifteen days from the last date on which the copies of the said publication or the letters are posted. The nomination shall include the name, the class of membership, Division and the membership number of the Corporate member nominating and the Corporate members nominated together with the written consent of the nominated member to serve as member of the Council if elected and declaration required under Regulation 23(b).</p> <p>The proposer shall also submit, an acceptable proof of his identity, viz. PAN Card or Driving Licence or Photo ID Card issued by State/Central Government bearing his signature or first page of his passport duly self attested.</p>	<p><b>Election to the Council from State Centre</b></p> <p>26. (a) No Change</p> <p>(b) No Change</p> <p>(c) The Board of Scrutineers at its first meeting shall scrutinise the Roll of Corporate Members as on 31st March of the preceding year made available under provision of Regulation 23(d) by the Secretary and Director General, prepare the programme for various stages of the process of election so as to be able to finalise and notify the results before the date of the Annual General Meeting of the Centre but not later than 31st October.</p> <p>(d) The Board of Scrutineers shall conduct the election as per the 'Procedure for conduct of election' as approved by the council from time to time and duly notified for information of the corporate members through IEL's Newsletter/ Web.</p> <p>(e) Members retiring from the Council after completion of three full tenure at a stretch shall not be eligible for re-election. However, they shall be eligible for re-election after a break of one term.</p>



Existing Regulations	Proposed Amended Regulations
<p>Members retiring from the Council after completion of three full tenure at a stretch shall not be eligible for re-election. However, they shall be eligible for re-election after a break of one term.</p> <p>(f) On expiry of the last date for receipt of nominations, the Board of Scrutineers shall meet and scrutinise the nomination papers and verify validity of the nominations, rejecting the nominations which may be found to be invalid on account of their not being in conformity with the requirements of the Regulation 26(e). If disqualification of a candidate is warranted, the Board of Scrutineers shall proceed in accordance with provision of Regulation 23(c).</p> <p>(g) Thereafter, the Convener or a member of the Board of Scrutineers nominated by the Board of Scrutineers shall write to each validly nominated candidate, through registered post or courier services, requesting him to confirm, by not less than fifteen days from the date of despatch of the letter, if he is offering himself as a candidate for election or otherwise. The letter shall also indicate that in case no reply is received within the stipulated period, the candidate shall be deemed to have withdrawn his candidature and is not willing to contest the election.</p> <p>(h) The letter of the Board of Scrutineers shall include the names of all Corporate Members validly nominated and shall request each candidate to send his brief bio-data in not more than one hundred words in case he wishes to contest.</p> <p>The bio-data shall be circulated as received from the concerned candidate but may be abridged to limit it to one hundred words and the Board of Scrutineers shall not be responsible for correctness or otherwise of such information.</p> <p>The Bio-data of the contestants if furnished, as finalized by the BOS, shall be uploaded on the election site. This shall be available in public domain. It shall also be available to the voter while casting the vote on web. The Bio-data of the contestants shall also be published in the Centre's Newsletter. Additionally, the Bio-data as finalized by the BOS in printed sheet shall accompany the paper ballot.</p> <p>Any letter/notice served or sent by post or courier shall be deemed to have been served or delivered on the expiration of ninety-six hours after it was posted/despached.</p> <p>(i) On expiry of the last date for receipt of consent from the candidates, the Board of Scrutineers shall finalise the list of candidates for election and prepare the voting papers.</p> <p>(j) The voting papers and stationeries shall include –</p> <p>(i) Instructions to Voters printed on the reverse side of Personalised Ballot paper.</p> <p>(ii) The Bio data of the contestants if furnished, as finalized by the BOS, shall be uploaded on the election site. This shall be available in public domain. It shall also be available to the voter while casting the vote on web. Additionally, bio-data of the contestants as finalized by BOS will accompany the voting papers.</p> <p>(iii) Personalized Ballot Paper printed as Optical readable with encrypted bar code having pre-printed detachable identification slip with particulars of the individual voters having his recorded address, including space for his signature.</p> <p>(iv) One small envelope.</p> <p>(v) One self-addressed larger envelope to contain the smaller one containing the Ballot Paper, detachable identity slip of the voter and self signed photocopy of the identity proof detailed at (e) above attached to the smaller envelope externally.</p> <p>The stationeries shall be printed so as to adequately cater for distribution to eligible voters and also for issue of duplicate sets, in case of non-receipt of voting papers by any voter, against written request. The Board of Scrutineers shall maintain proper records of the number of such materials printed and distributed.</p>	<p>(f) To be deleted</p> <p>(g) To be deleted</p> <p>(h) To be deleted</p> <p>(i) To be deleted</p> <p>(j) To be deleted</p>

Existing Regulations	Proposed Amended Regulations
<p><b>Electronic Voting</b></p> <p>While paper ballot shall be sent to all eligible Corporate Members, those Corporate Members who have registered their mobile numbers and/or e-mail ID on or before 31st March of the year in which election is due shall also have the facility of voting through web. Such corporate Members shall be sent a computer auto generated unique password and login ID by SMS and/or e-mail to their mobile number and/or e-mail ID on day the voting starts.</p> <p>A voter can log in using his password issued to him in his registered mobile/ e-mail on the starting day of the election. However, while casting the vote, a system generated One Time Password (OTP) shall be sent to his registered mobile/email. Voter has to use that OTP for casting his vote. The validity of the OTP shall be for fifteen minutes only or till its first successful use whichever is earlier.</p> <p>A voter can use his password to vote only once and having used the password to cast his vote, the password shall become inoperative and cannot be used for further voting in the same election. The web site for electronic voting shall close on 1700 hrs on the date specified for return of ballot and thereafter no voting on the web can be done.</p> <p>(k) The voting papers shall be posted, only to the addresses as recorded on 31st March of the preceding year.</p> <p>The envelope containing ballot papers etc. shall be despatched to eligible voters on their recorded address by post as the case may be and record of all such despatch shall be maintained. In case of large number of such envelopes, posting may be done from multiple post offices in the city.</p> <p>(l) The postal ballots shall be returnable, by the voters by post only and not by any other mode, to the designated Post Box or Post Bag and not to the office of the Centre or to any member of the Board of Scrutineers or the Convener, by not less than forty-five days from the date of posting of the last lot of voting papers to the Voters. Use of stationery other than the stationery officially supplied by the Board of Scrutineers shall invalidate the same.</p> <p>(m) The Board of Scrutineers shall authorise two or more of themselves to collect from the Post Office the envelopes containing the ballots, date and number serially the envelopes unopened as they are received by them and keep a record of the ballots collected each day. The envelopes containing voting papers returned as undelivered and collected from the Post Office shall also be numbered separately and a record kept.</p> <p>The final collection shall be made immediately after the last date and time specified for return of the ballots.</p> <p>The envelopes shall be lodged each day in a ballot drop box provided for the purpose. The ballot drop box shall be housed in a room to be under lock and key and shall not be accessible to any one other than the Board of Scrutineers and shall not be removed from the said room under any plea whatsoever, and shall be in the custody of the Board of Scrutineers. Before dropping any ballots in the ballot drop box, it shall be locked and sealed in the presence of the Board of Scrutineers after ascertaining that it is empty. The envelopes containing the ballots should be dropped into the box through the drop slit, which shall be sealed under the signature of the member of the Board of Scrutineers each time after the envelopes are dropped.</p> <p>(n) The Board of Scrutineers shall after the expiry of the said forty-five days and on the day designated for counting the votes, open the ballot box and arrange to scrutinise the voting papers with the assistance of other Corporate Members and/or the employees as may be approved by them. Scrutiny of ballots and counting of votes shall be supervised by at least two members of the Board of Scrutineers.</p>	<p>(k) To be deleted</p> <p>(l) To be deleted</p> <p>(m) To be deleted</p> <p>(n) To be deleted</p>



Existing Regulations	Proposed Amended Regulations
<p>(o) For scrutiny, outer envelope shall be opened and inner envelope together with the identity slip of the voter and signed photo copy of specified document as mentioned in paragraph (e) above shall be sorted out Division-wise, rejecting all such envelopes which are found to be irregular or defaced, tampered with or found to be interfered with unwarrantably or obliterated in anyway or where the signature on the identity slip does not tally with signature on the photo copy of the specified document, or is illegible or correcting fluid has been used, to make corrections.</p> <p>The total number of smaller envelopes shall be compared with the record of collection from Post Box/Post Bag. Any discrepancy shall be recorded and sorted out to the satisfaction of the Board of Scrutineers, before opening the envelopes containing the ballots.</p> <p>The identity slip and signed photocopy of the voter's identity paper shall then be detached and separated out. Envelopes, containing the ballot paper would be opened Division-wise and the ballot papers scrutinized for any irregularity or tampering and only the valid ballots shall be scanned for counting.</p> <p>Manual counting of votes is not permissible. Counting of the ballot shall be done through scanning. The computer connected to the scanner and loaded with the special software shall give count of votes secured by each contestant. In unlikely event of two or more ballots from the same voter, the system will reject all votes of such voter and the detail of such voter, without details of the votes cast, shall be available. During the process of mediation, the total number of ballots scanned should tally with total of number of counted ballots displayed on computer. In case of discrepancy, if any, all ballot papers should be checked by physical count and rescanned, if necessary. There is no provision of manual entry of votes in the scanned data. The result of paper ballot shall be uploaded by the BOS by using their individual login ID and password to the specified election site.</p> <p>Only after the data of web voting and paper ballot has been merged, the report for the result of the voting shall be printed. It shall be signed by the members of the BOS present.</p> <p>In the event of a tie, the Board of Scrutineers shall decide the result by toss of a coin or by drawing lots.</p> <p>The Board of Scrutineers shall inform the candidates about the date of counting the votes and shall permit the candidate or a Corporate Member as his representative, duly authorised in writing, to be present during counting of votes of the concerned division.</p> <p>(p) The BOS shall after merging the data of web voting and paper ballot print the report for the result of the voting. It shall be signed by the members of the BOS present and the same along with connected papers shall be submitted to the Chairman of the Centre and forward a copy of the report to the Honorary Secretary of the Centre and also to the Secretary and Director General of the Institution for necessary action.</p> <p>Simultaneously, Board of Scrutineers shall announce the names of the winning candidates.</p> <p>(q) The Honorary Secretary shall immediately communicate the results of the election to the Secretary and Director General. The voting papers shall be sealed and kept by the Chairman of the State Centre till thirty days after the ensuing Annual General Meeting of the Institution, whereafter they shall be destroyed.</p> <p>(r) The Board of Scrutineers shall implement measures which the Council may prescribe from time to time for the purpose of ensuring the sanctity and the confidentiality of the election.</p>	<p>(o) To be deleted</p> <p>(p) The BOS shall print the report for the result of the voting. It shall be signed by the members of the BOS present and the same along with connected papers shall be submitted to the Chairman of the Centre and forward a copy of the report to the Honorary Secretary of the Centre and also to the Secretary and Director General of the Institution for necessary action.</p> <p>Simultaneously, Board of Scrutineers shall announce the names of the winning candidates.</p> <p>(q) The Honorary Secretary shall immediately communicate the results of the election to the Secretary and Director General. The voting papers shall be sealed and kept by the Chairman of the State Centre till thirty days after the ensuing Annual General Meeting of the Institution, whereafter they shall be destroyed.</p> <p>(r) No Change</p>
<p><b>CERTIFICATE</b></p> <p>27 (a) Every Fellow shall on election receive a Certificate of membership appropriate to his class signed by the President and the Secretary and Director General, and sealed in accordance with Bye-Law 121.</p> <p>(b) Every Member and Associate Member shall on election receive a Certificate of membership signed by a Member of the Council and the Secretary and Director General, and sealed in accordance with Bye-Law 121.</p> <p>(c) Every Student Member, Member Technologist, Associate Member Technologist, Senior Technician Member and Technician Member shall on election receive a Certificate of membership appropriate to his class signed by the Secretary and Director General.</p>	<p><b>CERTIFICATE</b></p> <p>27 (a) No Change</p> <p>(b) No Change</p> <p>(c) No Change</p>

Existing Regulations	Proposed Amended Regulations																																																																					
<p>(d) Every member enrolled as a 'Professional Engineer' shall on enrolment receive a Certificate to that effect with specific expiry date entered therein signed by the President and the Secretary and Director General and sealed in accordance with Bye-Law 121. Prior to the date of expiry the person should return the certificate to the Headquarters with the renewal fees for revalidation and/or issue of a fresh certificate valid for the next five years.</p>	<p>(d) No Change</p> <p>(e) 'Chartered Engineer' Certificate shall be issued by the Secretary and Director General only upon an application by a Corporate member and on payment of such fees as may be prescribed by the Council from time to time.</p>																																																																					
<p><b>SUBSCRIPTION AND OTHER FEES</b></p> <p>30. (a) The annual subscription payable by various classes of members in the Roll as on 31st March 1989 shall be as set out in the following table:</p> <p style="text-align: center;"><b>TABLE- I</b></p> <table><tr><th>Class of Member</th><th>Rs. for India and Nepal</th><th>US\$ for SAARC countries other than Nepal</th><th>US\$ for other countries</th></tr><tr><td>Fellow</td><td>720</td><td>30</td><td>150</td></tr><tr><td>Member</td><td>540</td><td>23</td><td>110</td></tr><tr><td>Associate Member</td><td>360</td><td>15</td><td>90</td></tr><tr><td>Institutional Member</td><td>20000</td><td>1000</td><td>2000</td></tr></table> <p>(b) Corporate Members shall be exempted from paying annual subscription on attaining the age of sixty five years subject to their having been Corporate Members for a continuous period of not less than fifteen years without any arrears and on intimating the Secretary and Director General to that effect.</p> <p>(c) Students of the Engineering Colleges and Polytechnic Students' Chapters shall pay annually the subscription at the rate as may be fixed by the Council from time to time for attachment to the respective Chapters as may be established by the Council.</p>	Class of Member	Rs. for India and Nepal	US\$ for SAARC countries other than Nepal	US\$ for other countries	Fellow	720	30	150	Member	540	23	110	Associate Member	360	15	90	Institutional Member	20000	1000	2000	<p><b>SUBSCRIPTION AND OTHER FEES</b></p> <p>30. (a) To be deleted</p> <p>(b) To be deleted</p> <p>(c) Students of the Engineering Colleges and Polytechnic Students' Chapters shall pay the subscription at the rate as may be fixed by the Council from time to time for attachment to the respective Chapters as may be established by the Council.</p>																																																	
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Institutional Member	20000	1000	2000																																																																			
<p>31. (a) Each applicant for election as a member shall pay a non-refundable Registration Fee and Entrance Fee alongwith his application as set out in the following Table:</p> <p style="text-align: center;"><b>TABLE II</b></p> <table><tr><th rowspan="2">Class of Member</th><th colspan="3">Registration Fee</th><th colspan="3">Entrance Fee</th></tr><tr><th>Rs. for India and Nepal</th><th>US\$ for SAARC countries other than Nepal</th><th>US\$ for other countries</th><th>Rs. for India and Nepal</th><th>US\$ for SAARC countries other than Nepal</th><th>US\$ for other countries</th></tr><tr><td>Fellow</td><td>2000</td><td>70</td><td>195</td><td>1200</td><td>40</td><td>165</td></tr><tr><td>Member</td><td>1000</td><td>40</td><td>120</td><td>850</td><td>30</td><td>120</td></tr><tr><td>Associate Member</td><td>750</td><td>30</td><td>95</td><td>600</td><td>20</td><td>95</td></tr><tr><td>Student Member</td><td>300</td><td>15</td><td>30</td><td>250</td><td>13</td><td>25</td></tr><tr><td>Member Technologist</td><td>800</td><td>40</td><td>120</td><td>600</td><td>30</td><td>120</td></tr><tr><td>Associate Member Technologist</td><td>600</td><td>30</td><td>95</td><td>450</td><td>20</td><td>95</td></tr><tr><td>Senior Technician Member</td><td>900</td><td>30</td><td>95</td><td>300</td><td>10</td><td>45</td></tr><tr><td>Technician Member</td><td>900</td><td>24</td><td>70</td><td>300</td><td>10</td><td>45</td></tr></table> <p>(b) Members of Engineering College Students' Chapter and Polytechnic Students' Chapter duly established by the Council shall be exempted from paying the Entrance Fee for election to the appropriate class of membership if they apply for election within two years from the year of passing the qualifying examination.</p>	Class of Member	Registration Fee			Entrance Fee			Rs. for India and Nepal	US\$ for SAARC countries other than Nepal	US\$ for other countries	Rs. for India and Nepal	US\$ for SAARC countries other than Nepal	US\$ for other countries	Fellow	2000	70	195	1200	40	165	Member	1000	40	120	850	30	120	Associate Member	750	30	95	600	20	95	Student Member	300	15	30	250	13	25	Member Technologist	800	40	120	600	30	120	Associate Member Technologist	600	30	95	450	20	95	Senior Technician Member	900	30	95	300	10	45	Technician Member	900	24	70	300	10	45	<p>31. (a) To be deleted</p> <p>(b) No Change</p>
Class of Member		Registration Fee			Entrance Fee																																																																	
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Technician Member	900	24	70	300	10	45																																																																



Existing Regulations	Proposed Amended Regulations																																												
<p>(c) Each applicant seeking transfer from one class of membership to a higher class of membership shall deposit alongwith his application a Transfer Fee as set out in the following table:</p> <p><b>TABLE- III</b></p> <table><tr><th>Nature of Transfer</th><th>Rs. for India and Nepal</th><th>US\$ for SAARC countries other than Nepal</th><th>US\$ for other countries</th></tr><tr><td>Associate Member to Member</td><td>300</td><td>15</td><td>85</td></tr><tr><td>Associate Member or Member to Fellow</td><td>360</td><td>20</td><td>125</td></tr></table>	Nature of Transfer	Rs. for India and Nepal	US\$ for SAARC countries other than Nepal	US\$ for other countries	Associate Member to Member	300	15	85	Associate Member or Member to Fellow	360	20	125	<p>(c) To be deleted</p>																																
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<p>32. (a) Each candidate for election directly as Fellow, Member, Associate Member, Member Technologist, Associate Member Technologist, shall pay Composite Subscription as set out in the following Table :</p> <p><b>TABLE-IV</b></p> <p><b>Composite Subscription</b> (For full payment in single remittance with application)</p> <table><tr><th>Class of Member</th><th>Rs. for India and Nepal</th><th>US\$ for SAARC countries other than Nepal</th><th>US\$ for other countries</th></tr><tr><td>Fellow</td><td>3000</td><td>165</td><td>295</td></tr><tr><td>Member</td><td>2000</td><td>105</td><td>200</td></tr><tr><td>Associate Member</td><td>1900</td><td>95</td><td>190</td></tr><tr><td>Member Technologist</td><td>2000</td><td>105</td><td>200</td></tr><tr><td>Associate Member Technologist</td><td>1900</td><td>95</td><td>190</td></tr></table> <p>(b) On making payment of Composite Subscription, the Fellow, the Member, the Associate Member, the Member Technologist and the Associate Member Technologist shall be deemed to have compounded his subscription for life as a Fellow, Member, Associate Member, Member Technologist and Associate Member Technologist, as the case may be.</p> <p>(c) Each candidate for election as a Senior Technician Member or a Technician Member shall deposit Composite Subscription along with his application as set out in the following Table:</p> <p><b>TABLE – V</b></p> <table><tr><th>Class of Member</th><th>Rs. for India and Nepal</th><th>US\$ for SAARC countries other than Nepal</th><th>US\$ for other countries</th></tr><tr><td>Senior Technician Member</td><td>1550</td><td>75</td><td>155</td></tr><tr><td>Technician Member</td><td>1550</td><td>76</td><td>155</td></tr></table> <p>Senior Technician Member and Technician Member shall, on passing Section B Examination of the Institution be transferred to the class of Associate Member automatically and shall be deemed to have compounded their subscription as Associate Member for Life.</p> <p>(d) Each candidate for election as a Student Member shall deposit Composite Subscription along with his application as set out in the following table:</p> <p><b>TABLE –VI</b></p> <table><tr><th>Class of Member</th><th>Rs. for India and Nepal</th><th>US\$ for SAARC countries other than Nepal</th><th>US\$ for other countries</th></tr><tr><td>Student Member</td><td>700</td><td>35</td><td>70</td></tr></table> <p>The Student Membership shall be valid for six years w.e.f. the date of election.</p>	Class of Member	Rs. for India and Nepal	US\$ for SAARC countries other than Nepal	US\$ for other countries	Fellow	3000	165	295	Member	2000	105	200	Associate Member	1900	95	190	Member Technologist	2000	105	200	Associate Member Technologist	1900	95	190	Class of Member	Rs. for India and Nepal	US\$ for SAARC countries other than Nepal	US\$ for other countries	Senior Technician Member	1550	75	155	Technician Member	1550	76	155	Class of Member	Rs. for India and Nepal	US\$ for SAARC countries other than Nepal	US\$ for other countries	Student Member	700	35	70	<p>32. (a) To be deleted</p> <p>(b) No Change</p> <p>(c) To be deleted</p> <p>(d) The Student Membership shall be valid for six years w.e.f. the date of election.</p>
Class of Member	Rs. for India and Nepal	US\$ for SAARC countries other than Nepal	US\$ for other countries																																										
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Existing Regulations	Proposed Amended Regulations																																				
<p>(e) A Member who had already paid Composite Subscription and seeking transfer from one class of membership to a higher class shall deposit with his application a sum equal to the difference of the Composite Subscription as payable for the two classes of membership and on election to the higher class of membership shall be deemed to have compounded his subscription for life in that higher class of membership.</p> <p>(f) Fee for upgrading Technician/Senior Technician to Associate Member may be accepted in advance at applicable rate.</p> <p>(g) In respect of certification of ‘Professional Engineer’, the fees shall be charged as follows:</p> <p>(i) For initial certification: Rs. 4000 or US\$ 400 for applicants other than India and Nepal.</p> <p>(ii) Interview electronically, if applicable : Rs.3000</p> <p>In case the applicant fails to qualify the online assessment examination in his first attempt, he has to pay Rs.1000 towards the charges of re-appearance fee.</p> <p>(iii) For renewal: Rs.3000 or US\$ 300 for applicants other than India and Nepal.</p> <p>(iv) Interview electronically, if applicable: Rs.3000</p> <p>(v) For transfer from PE to IntPE (International Professional Engineer), an amount of Rs.10000 to be paid for a period of 5 years.</p>	<p>(e) A Member who had already paid Composite Subscription and seeking transfer from one class of membership to a higher class shall deposit with his application a sum equal to the difference of the Composite Subscription as payable for the two classes of membership.</p> <p>(f) Senior Technician Member and Technician Member shall, on passing Section B Examination of the Institution be transferred to the class of Associate Member automatically. Fee for upgrading Technician/ Senior Technician to Associate Member may be accepted in advance at applicable rate.</p> <p>(g) In respect of certification of ‘Professional Engineer’, the fees for initial certification, electronic interview, re-appearance in examination, renewal of certification, transfer from PE to IntPE etc. shall be as decided by the Council from time to time.</p> <p>(i) To be deleted</p> <p>(ii) To be deleted</p> <p>(iii) To be deleted</p> <p>(iv) To be deleted</p> <p>(v) To be deleted</p>																																				
<p>33. (a) Every Fellow, Member and Associate Member in the Roll as on 31st March 1989, may compound his future Subscription Fee in accordance with the table given below provided his subscription is not in arrear in terms of Regulation 37. If as a Member or Associate Member who has already paid Life Compounding Fees, he shall be required to pay only the difference between the Life Compounding Fees as Fellow and Member or as Member and Associate Member at the time of his transfer to Fellow or Member.</p> <table><tr><th colspan="4">TABLE-VII(a)</th></tr><tr><th colspan="4">Life Compounding Fees</th></tr><tr><th>Class of Member</th><th>Rs. for India and Nepal</th><th>US\$ for SAARC countries other than Nepal</th><th>US\$ for other countries</th></tr><tr><td>Fellow</td><td>4260</td><td>200</td><td>410</td></tr><tr><td>Member</td><td>3000</td><td>155</td><td>300</td></tr><tr><td>Associate Member</td><td>2400</td><td>120</td><td>240</td></tr></table> <p>Provided, however, that the Fellows, Members and Associate Members who have attained the age of more than sixty five years, after being a Corporate Member for a continuous period of minimum fifteen years with no arrears shall not be required to pay the subscription any further.</p> <p>(b) Every Institutional Member may subscribe for life or compound his future Subscription Fees on payment of a lump sum as per the table given below:</p> <table><tr><th colspan="4">TABLE-VII(b)</th></tr><tr><th>Class of Member</th><th>Rs. for India and Nepal</th><th>US\$ for SAARC countries other than Nepal</th><th>US\$ for other countries</th></tr><tr><td>Institutional Member</td><td>150000 + S Tax</td><td>5000</td><td>10000</td></tr></table>	TABLE-VII(a)				Life Compounding Fees				Class of Member	Rs. for India and Nepal	US\$ for SAARC countries other than Nepal	US\$ for other countries	Fellow	4260	200	410	Member	3000	155	300	Associate Member	2400	120	240	TABLE-VII(b)				Class of Member	Rs. for India and Nepal	US\$ for SAARC countries other than Nepal	US\$ for other countries	Institutional Member	150000 + S Tax	5000	10000	<p>33. (a) To be deleted</p> <p>(b) Every Institutional Member shall subscribe for life a lump sum as decided by the Council from time to time.</p>
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Institutional Member	150000 + S Tax	5000	10000																																		



Existing Regulations	Proposed Amended Regulations
34. All annual subscriptions shall be due on the first day of April in each year for the year then commencing. The acceptance of an annual subscription from a person who has ceased to be a member shall not create any presumption as to membership of the Institution.	34. To be deleted
35. All annual subscription shall be paid to the Headquarters of the Institution direct and not to or through a State Centre or Local Centre.	35. All subscription shall be paid to the Headquarters of the Institution direct and not to or through a State Centre or Local Centre.
36. Every candidate for election as or transfer to the class of Fellow, Member, Associate Member, Member Technologist and Associate Member Technologist shall deposit in full along with his application the Registration Fee and the Entrance Fee (in case of election) or Transfer Fee (in case of transfer) and the appropriate amount of Composite Subscription.	36. Every candidate for election as or transfer to the class of Fellow, Member, Associate Member, Member Technologist, Associate Member Technologist, Student Member, Senior Technician and Technician shall deposit in full along with his application the Registration Fee and the Entrance Fee (in case of election) or Transfer Fee (in case of transfer) and the appropriate amount of Composite Subscription as decided by the Council from time to time.
37. Any member in any class liable to pay annual subscription whose subscription for the current year shall not have been paid before the first day of July shall be in 'arrear of subscription'. If such arrears are not paid by the last day of September following, he shall not be entitled thereafter to receive publications of the Institutions as described in Regulation 46, or upon making such payment at a future date to receive the back publications for the period between the last day of September and the date of making the payment.	37. To be deleted
38. Every member on transfer to higher class of membership shall pay apart from the appropriate Transfer Fee, the full subscription for the current year appropriate to the class to which he has been transferred, and the subscription he has already paid for that year in the previous class shall be taken as in part payment thereof. If the transfer has taken place after the last day of September, he shall, however, be required to pay only the difference between one-half the annual subscription in the higher class and one-half the annual subscription in his previous class in addition to the subscription he has already paid in the previous class.	38. To be deleted
40. The table of Life Compounding Fees shall be liable to alteration from time to time as deemed advisable by the Council on actuarial advice, but such alterations shall not affect payments of life Compounding Fees already made on dates antecedent thereto.	40. To be deleted
<b>AUTONOMOUS FORA OF THE INSTITUTION</b> 53. The National Design and Research Forum (NDRF), the Rural Development Forum (RDF), the Safety & Quality Forum (SQF), the Sustainable Development Forum (SDF), the Water Management Forum (WMF) and such other autonomous Fora as may be established from time to time by the Council, shall each be a Forum of the Institution incorporated in pursuance of Bye-Law 100(a). Each such Forum shall be an autonomous body under the umbrella of the Institution whose affairs shall be managed by a Board of Governors in accordance with the Statutes of the Forum as approved by the Council.	<b>AUTONOMOUS FORA OF THE INSTITUTION</b> 53. The National Design and Research Forum (NDRF), the Rural Development Forum (RDF), the Safety & Quality Forum (SQF), the Sustainable Development Forum (SDF), the Water Management Forum (WMF), the National Skill Development Forum (NSDF) and such other autonomous Fora as may be established from time to time by the Council, shall each be a Forum of the Institution incorporated in pursuance of Bye-Law 100(a). Each such Forum shall be an autonomous body under the umbrella of the Institution whose affairs shall be managed by a Board of Governors in accordance with the Statutes of the Forum as approved by the Council.

By Order of the Council

Sd/-

**Maj Gen (Dr) S Bhattacharya, VSM (Retd)**

Secretary and Director General

**Note:** If a Corporate Member is unable to attend the meeting, he may fill the Form of Proxy with name of his representative. The Form of Proxy is to be signed and to be returned to the Secretary and Director General, The Institution of Engineers (India), 8 Gokhale Road, Kolkata 700020 to reach him not later than 1130 hrs on 28 November 2019.

**The Institution of Engineers (India)**  
**SPECIAL GENERAL MEETING**  
**FORM OF PROXY**

I, ..... of ..... being a Corporate Member of the above Institution hereby appoint .....

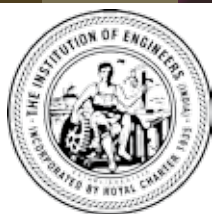
..... of ..... or failing him ..... of ..... as my proxy at

Special General Meeting of the Institution to be held on the ..... day of ..... 2019 and at any poll held in connection therewith.

As witness my hand ..... day of ..... 2019.

Signature.....

Class of Membership of IEI..... No.....



## The Institution of Engineers (India)

8 Gokhale Road, Kolkata-700020

16 October 2019

### Notice of Extraordinary General Meeting of the Corporate Members under Bye-Law 32(c)(i)

Notice is hereby given that an Extraordinary General Meeting of the Corporate Members of The Institution of Engineers (India) will be held at **Hotel Ashwa Park, Reddipatty Roundana, Steelplant Main Road, Salem - 636302** on **01 December 2019** immediately after the Special General Meeting for the following purpose:

To consider the recommendations of the Council proposed at its 705th Meeting held on 22 June 2019 at Kodaikanal and finalised at its 706th Meeting held on 21 September 2019 at Mumbai:

Existing Regulations	Proposed Amended Regulations
1. (f) 'The Secretary and Director General' means the Secretary and Director General of the Institution as may be appointed by the Council from time to time.	1. (f) 'The Secretary and Director General' means the Secretary and Director General of the Institution as appointed by the Council from time to time.
4.(c) The Council may, if considered necessary, also nominate as members of the Council for next session not more than four outstanding engineering personalities who are Corporate Members of the Institution on the date of ensuing Annual General Meeting, upon the recommendations of a Committee of five members comprising of the President, the President-elect and three available preceding Past Presidents.	4.(c) The Council may, if considered necessary, also co-opt as members of the Council for next session not more than four outstanding engineering personalities who are Corporate Members of the Institution on the date of ensuing Annual General Meeting, upon the recommendations of a Committee of five members comprising of the President, the President-elect and three available preceding Past Presidents.
4. (e) No act of the Council or any body set up under the Bye-Laws or Regulations of the Council shall be invalid merely by reason of: (i) any vacancy in or defect in the constitution thereof; (ii) any defect in the election, nomination or appointment of a person acting as a member thereof.	4. (e) No act of the Council or any body set up under the Bye-Laws or Regulations of the Council shall be invalid merely by reason of: (i) any vacancy in or defect in the constitution thereof; (ii) any defect in the election, co-option or appointment of a person acting as a member thereof.
21. The Secretary and Director General shall summon a special meeting of the Council on receipt of a written requisition which shall contain the specific matters desired to be discussed at the special meeting and shall be signed by at least ten members of the Council and within thirty days of the receipt of the requisition. The notice of such special meeting shall state the purpose for which the meeting is called, and its period shall be the same as in Bye-Law 20. At such meeting no business other than specified in the requisition shall be transacted.	21. The Secretary and Director General shall summon a special meeting of the Council on receipt of a written requisition which shall contain the specific matters desired to be discussed at the special meeting and shall be signed by at least twenty five percent members of the Council as on the date of the notice and within thirty days of the receipt of the requisition. The notice of such special meeting shall state the purpose for which the meeting is called, and its period shall be the same as in Bye-Law 20. At such meeting no business other than specified in the requisition shall be transacted.
<b>MEMBERSHIP</b> 44. The Institution shall consist of members in the following orders: Honorary, Corporate and Non-Corporate. The Honorary Member shall comprise the classes of Honorary Fellows and Honorary Life Fellows. Corporate Members shall comprise the classes of Fellows, Members, Associate Members and Non-Corporate Members shall comprise the classes of Student Members, Member Technologists, Associate Member Technologists, Senior Technician Members, Technician Members and Institutional Members. The names and addresses of all members shall be entered on the Roll of the Institution.	<b>MEMBERSHIP</b> 44. The Institution shall consist of members in the following orders: Honorary, Corporate and Non-Corporate. The Honorary Member shall comprise the classes of Honorary Fellows and Honorary Life Fellows. Corporate Members shall comprise the classes of Fellows, Members, Associate Members and Non-Corporate Members shall comprise the classes of Student Members, Member Technologists, Associate Member Technologists, Senior Technician Members, Technician Members and Institutional Members. The names, addresses, email ids, mobile numbers, birth dates and dates of election of all members shall be entered on the Roll of the Institution.
57. (a) Any person desirous of election as a Corporate Member or transfer to any class of Corporate membership shall be proposed and recommended from personal knowledge in the prescribed form by (a) one Fellow in case of application for election as Fellow or for transfer to the class of Fellow; (b) one Corporate Member not less than the grade Member in case of application for election as Member or for transfer to the class of Member; and (c) one Corporate Member of any class in case of application for election as Associate Member. (b) Any person desirous of election as a Member Technologist and Associate Member Technologist shall be proposed and recommended from personal knowledge in the prescribed form by one Corporate Member. The proposal form shall be accompanied by such fees as are prescribed in the Regulations and shall be delivered to the Secretary and Director General.	57. To be deleted

Existing Regulations	Proposed Amended Regulations
58. Any person desirous of election as Student Member or Senior Technician Member or Technician Member shall be proposed and recommended from personal knowledge in the prescribed form by one Corporate Member. The proposal form shall be accompanied by such fees as are prescribed in the Regulations, and shall be delivered to the Secretary and Director General.	58. To be deleted
59. Any applicant desirous of attachment as Institutional Member shall deliver his application direct to the Secretary and Director General with such fees as prescribed in the Regulations.	59. Any applicant desirous of attachment as Institutional Member shall deliver his application direct to the Secretary and Director General with such fees as decided and circulated by the Council.
60. (a) On each proposal form received from an applicant for election to the class of Fellow, the Secretary and Director General shall record his opinion as to whether or not the qualifications of the candidate appear to be in accordance with the provisions of the appropriate Bye-Law.  (b) The Secretary and Director General shall place the proposals to the Membership Committee as constituted under Bye-Law 60(c) for decision, and then shall declare the proposal as approved or as not approved by the Membership Committee on behalf of the Council, as the case may be and report to the Council.  (c) The Council shall constitute the Membership Committee comprising the President and three Members of the Council from three divisions to be nominated by the Council and the Secretary and Director General.  The Membership Committee shall have the powers to deal with all aspects of election of members, membership promotion and services to members.  The Membership Committee shall act and exercise powers of the Council, to decide on the election to any class of members and may constitute Sub-Committees from amongst members of the Committee for the purpose and may delegate all or some of its powers to the Sub-Committees.	60. (a) On each application form received from an applicant for election to the class of Fellow, the Secretary and Director General shall record his opinion as to whether or not the qualifications of the candidate appear to be in accordance with the provisions of the appropriate Bye-Law.  (b) The Secretary and Director General shall place the applications to the Membership Committee as constituted under Bye-Law 60(c) for decision, and then shall declare the application as approved or as not approved by the Membership Committee on behalf of the Council, as the case may be and report to the Council.  (c) No Change
61. On each proposal form received from an applicant normally resident abroad for election to the class of Fellow, the Secretary and Director General shall record his opinion as to whether or not the qualifications of the candidate appear to be in accordance with the provisions of the appropriate Bye-Law and then place the proposal to the Membership Committee for final decision.	61. On each application form received from an applicant normally resident abroad for election to the class of Fellow, the Secretary and Director General shall record his opinion as to whether or not the qualifications of the candidate appear to be in accordance with the provisions of the appropriate Bye-Law and then place the application to the Membership Committee for final decision.
62. (c) If the candidate has the requisite educational qualification, but the nature of his training is such as can be best verified by the State Centre within the boundaries of which he resides, the Secretary and Director General shall follow the procedure set out in Bye-Laws 60(a), (b), (c) and 62(b).	62. (c) If the candidate has the requisite educational qualification, but the nature of his training is such as can be best verified by the State / Local Centre within the boundaries of which he resides, the Secretary and Director General shall follow the procedure set out in Bye-Laws 60(a), (b), (c) and 62(b).
66. The Secretary and Director General shall give notice of every such election or attachment to the Honorary Secretary of the State Centre within the boundaries of which the candidate or applicant resides or practices or carries on business.	66. The Secretary and Director General shall give notice of every such election or attachment to the Honorary Secretary of the State Centre or Local Centre (as the case may be) within the boundaries of which the candidate or applicant resides or practices or carries on business.
69. a) Every Fellow, Member and Associate Member is, and is entitled to describe himself as a Chartered Engineer, and in using that description after his name as C.Eng.(I) shall place it before that designation of the class in the Institution to which he belongs, stated in accordance with the following abbreviated forms, namely, F.I.E., M.I.E., A.M.I.E.	69. a) Every Fellow, Member and Associate Member is, and is entitled to describe himself as a Chartered Engineer, and in using that description after his name as C.Eng.(I) shall place it after that designation of the class in the Institution to which he belongs, stated in accordance with the following abbreviated forms, namely, F.I.E., M.I.E., A.M.I.E.
69. f) 'Chartered Engineer' Certificate shall be issued by the Secretary and Director General only upon an application by a Corporate member and provided he has compounded his annual subscription for life or made full payment of the Composite Subscription as applicable and on payment of such fees as may be prescribed by the Council from time to time.	69. f) To be Deleted
71. (a) Every Fellow, Member, Associate Member on the Roll of the Institution as on the 31st day of March 1989 shall be liable to pay his appropriate annual subscription as indicated in Table I of the Regulation 30.  (b) Every person elected to the class of Fellows, Members, Associate Members, Student Members, Member Technologists, Associate Member Technologists, Senior Technician Members and Technician Members shall be liable to pay to the Institution the appropriate sum of money as composite subscription in the manner as prescribed in the Regulation 32.	71. (a) To be Deleted  (b) Every person elected to the class of Fellows, Members, Associate Members, Student Members, Member Technologists, Associate Member Technologists, Senior Technician Members and Technician Members shall be liable to pay to the Institution the appropriate sum of money as composite subscription in the manner as decided and circulated by the Council.
72. (a) If any member of any class liable to pay annual subscription as per Bye-Law 71(a) shall leave his subscription in arrear for two years, and shall fail to pay such arrears within three months after a notice has been sent to him by the Secretary and Director General, his name shall be removed from the Roll, and he shall thereupon cease to have any rights or privileges, but he shall nevertheless continue to be liable to pay the arrears of subscription due at the time of his name being removed from the Roll. The Certificate of every such person shall be returned to the Secretary and Director General.	72. (a) To be deleted



Existing Regulations	Proposed Amended Regulations
<p>(b) If any member of any class liable to pay composite subscription shall fail to pay full amount of composite subscription within the period stipulated in the Regulations, his name shall be removed from the Roll and he shall thereupon cease to have any rights or privileges. The Certificate of every such person shall be returned to the Secretary and Director General.</p> <p>(c) Every Corporate Member elected before 31st March 1989 shall be liable to pay his appropriate annual subscription until he shall have signified in writing to the Secretary and Director General his desire to resign, having previously paid all arrears including the current year's subscription, or until he has forfeited his right to remain in the Institution; provided that a letter of resignation may, with the consent of the Council, be cancelled at the request of the sender within six months of its receipt by the Secretary and Director General but on payment of all sums which he would have been liable to pay had his connection with the Institution not been interrupted. He shall thereupon recover all his former rights and privileges without re-election.</p> <p>(d) If a member of any class elected on or after 1st April 1989 shall have signified in writing to the Secretary and Director General his desire to resign or he has forfeited his right to remain as a member of the Institution, his name shall be removed from the Roll of the Institution and the amount of Composite subscription paid by him to the Institution in part or in full shall be forfeited by the Institution. Provided, however, that a letter of resignation may, with the consent of the Council, be cancelled at the request of the sender within six months of its receipt by the Secretary and Director General but on payment of all sums which he would have been liable to pay had his connection with the Institution not been interrupted. He shall thereupon recover all his former rights and privileges without re-election.</p>	<p>(b) To be deleted</p> <p>(c) To be deleted</p> <p>(d) If a member of any class shall have signified in writing to the Secretary and Director General his desire to resign or he has forfeited his right to remain as a member of the Institution, his name shall be removed from the Roll of the Institution and the amount of subscription paid by him to the Institution in part or in full shall be forfeited by the Institution. Provided, however, that a letter of resignation may, with the consent of the Council, be cancelled at the request of the sender within six months of its receipt by the Secretary and Director General but on payment of all sums which he would have been liable to pay had his connection with the Institution not been interrupted. He shall thereupon recover all his former rights and privileges without re-election. However, he shall not be eligible to hold any other position such as elected / co-opted / nominated / ex-officio positions, he was holding at the time of resignation if the request for reinstatement had been received after six months.</p>
73. The Council may, if they find good reason to do so, reinstate on such conditions as they may deem fit, any person who has been a member of any class and whose name has been removed from the Roll on account of resignation or non-payment of subscriptions. These cases shall be considered and reported upon to the Council by a Committee appointed by the Council for the purpose.	73. The Council may, if they find good reason to do so, reinstate on such conditions as they may deem fit, any person who has been a member of any class and whose name has been removed from the Roll on account of resignation. These cases shall be considered and reported upon to the Council by a Committee appointed by the Council for the purpose.
76. The Council shall constitute a Standing Committee for dealing with the cases of violation of Code of Ethics. The Standing Committee shall frame necessary rules for processing such cases and these rules shall be widely publicized for general information for all concerned.	76. The Council shall constitute Ethics Control Board for dealing with the cases of violation of Code of Ethics. The Ethics Control Board shall frame necessary rules with the approval of the Council for processing such cases and these rules shall be widely publicized for general information for all concerned.
<p><b>STATE CENTRES AND LOCAL CENTRES</b></p> <p>78. The Council shall establish one State Centre of the Institution in each State / Union Territory. The boundaries of the State Centre shall be the geographical boundaries of the State / Union Territory as notified by the Government of India and all members of the Institution normally and ordinarily residing or being in employment or practicing or carrying business within such boundaries will comprise the membership of that State Centre. The location of the office of the State Centre shall be in the capital of the State / Union Territory.</p> <p>Provided that where a Local Centre has already been established and functioning in the capital of the State / Union Territory, the Local Centre will automatically get re-designated as State Centre and the existing Committee of the Local Centre shall continue as Committee of the State Centre till end of its original term of two sessions.</p> <p>With the establishment of a new State Centre, the President shall nominate the first Committee in accordance with Regulation 3 or shall form an ad-hoc Committee of not more than five Corporate members depending upon the number. Annual General Meeting of the State Centre shall be convened by the Secretary and Director General. The term of such Committee shall be for two sessions and it will have the same powers and responsibilities as if it had been duly elected in the ordinary course.</p> <p>At the end of the tenure of the first Committee, the State Centre shall stand abolished if the total strength of Corporate Members of the Centre does not grow to a minimum of one hundred or more.</p>	<p><b>STATE CENTRES AND LOCAL CENTRES</b></p> <p>78. The Council shall establish one State Centre of the Institution in each State / Union Territory. The boundaries of the State Centre shall be the geographical boundaries of the State / Union Territory as notified by the Government of India and all members of the Institution normally and ordinarily residing or being in employment or practicing or carrying business within such boundaries will comprise the membership of that State Centre. The location of the office of the State Centre shall be in the capital of the State / Union Territory.</p> <p>Provided that where a Local Centre has already been established and functioning in the capital of the State / Union Territory, the Local Centre will automatically get re-designated as State Centre and the existing Committee of the Local Centre shall continue as Committee of the State Centre till end of its original term of two sessions.</p> <p>With the establishment of a new State Centre, the President shall nominate the first Committee in accordance with Regulation 3 or shall form an ad-hoc Committee of not more than five Corporate members depending upon the number. Annual General Meeting of the State Centre shall be convened by the Secretary and Director General. The term of such Committee shall be for two sessions and it will have the same powers and responsibilities as if it had been duly elected in the ordinary course.</p> <p>At the end of the tenure of the first Committee, the State Centre shall stand abolished if the total strength of Corporate Members of the Centre does not grow to a minimum of one hundred or more.</p> <p>On abolition of a Centre, the Council will decide on the reorganization of its jurisdiction as well as the distribution of its properties and assets.</p>
80. Notwithstanding anything contained in the Bye-Laws 78 and 79 the State Centres which are in existence on the day on which these Bye-Laws come into force shall continue functioning as State Centres.	80. To be deleted
81. (c) The Council shall also review the necessity of continuing or abolishing a Local Centre if, after four years from its establishment the total strength of Corporate Members attached to that Local Centre is less than two hundred.	81. (c) The Council shall also review the necessity of continuing or abolishing a Local Centre if, after four years from its establishment the total strength of Corporate Members attached to that Local Centre is less than two hundred. On abolition of a Centre, the Council shall decide on the reorganization of its jurisdiction as well as the distribution of its properties and assets.

Existing Regulations	Proposed Amended Regulations
<b>STUDENTS' CHAPTERS</b> 84. (ii) The Student Members (SMIE) of an Engineering College in a discipline recognized by the Council or the students undergoing regular courses at a polytechnic recognized by the Council shall be attached to the respective Chapter on payment of requisite subscription and the affairs of such Chapter shall be managed in accordance with the rules framed and approved by the Council from time to time under the guidance of the Adviser who shall be a member of the faculty nominated by the managing authorities of the respective engineering colleges or polytechnics.	<b>STUDENTS' CHAPTERS</b> 84. (ii) The Student Members (SMIE) and the Students undergoing regular courses at an Engineering College in a discipline recognized by the Council or the students undergoing regular courses at a polytechnic recognized by the Council shall be attached to the respective Chapter on payment of requisite subscription and the affairs of such Chapter shall be managed in accordance with the rules framed and approved by the Council from time to time under the guidance of the Adviser who shall be a member of the faculty nominated by the managing authorities of the respective engineering colleges or polytechnics.
90. Corporate Members shall be attached to one Division only based on their educational qualifications approved by the Council and the field of engineering in which they practice at the time of their admission to the Institution, but if so qualified for attachment to more than one Division, a Corporate Member shall be allowed to select and change to the Division to which he would like to be attached. The Council may, however, at its discretion, allow the transfer of a Corporate Member from one Division to another provided he establishes to its satisfaction that he deserves such transfer on account of change in the field of his practice of engineering subsequent to his election as a Corporate Member.	90. Corporate Members shall be attached to one Division only based on their educational qualifications approved by the Council and the field of engineering in which they practice at the time of their admission to the Institution, but if so qualified for attachment to more than one Division, a Corporate Member shall be allowed to select and change to the Division to which he would like to be attached. The Council may, however, at its discretion, allow the transfer of a Corporate Member from one Division to another provided he establishes to its satisfaction that he deserves such transfer on account of change in the field of his practice of engineering subsequent to his election as a Corporate Member. Such transfer from one Division to another will be permitted only once and the transferred Corporate Member shall not be allowed to contest elections under provision of Regulation 24, 25 or 26 for ensuing two years.
<b>AUTONOMOUS FORA OF THE INSTITUTION</b> 100.(a) The Council may establish an autonomous Forum for specific purposes as determined by the Council such as the National Design and Research Forum (NDRF), the Rural Development Forum (RDF), the Safety & Quality Forum (SQF), the Sustainable Development Forum (SDF) and the Water Management Forum (WMF). The location of such autonomous Forum shall be as determined by the Council. The Council shall, from time to time, review the activities and necessity of a forum and if deemed necessary, may abolish a Forum or merge one or more Fora.	<b>AUTONOMOUS FORA OF THE INSTITUTION</b> 100.(a) The Council may establish an autonomous Forum for specific purposes as determined by the Council such as the National Design and Research Forum (NDRF), the Rural Development Forum (RDF), the Safety & Quality Forum (SQF), the Sustainable Development Forum (SDF), the Water Management Forum (WMF) and the National Skill Development Forum (NSDF). The location of such autonomous Forum shall be as determined by the Council. The Council shall, from time to time, review the activities and necessity of a forum and if deemed necessary, may abolish a Forum or merge one or more Fora.
<b>SUBSCRIPTION AND OTHER FEES</b> 115. (a) While the scales of subscriptions to be paid by various classes of members and of various other fees shall be defined in the Regulations of the Council, the Council shall have the powers to increase any or all of such subscriptions and other fees.	<b>SUBSCRIPTION AND OTHER FEES</b> 115. (a) The Council shall have the powers to decide and increase any or all of the scales of subscriptions to be paid by various classes of members and of various other fees. Information regarding the changes will be circulated to all the centres and will be published in the official website of the Institution. Also, the revised fees will be printed in the concerned application form.
<b>NOTICE</b> 116. A notice may be served by the Council or the Secretary and Director General upon any member of any class either personally or by sending it whether as a separate communication or included in or with one of the publications of the Institution, prepaid through the post addressed to such person at his recorded address.	<b>NOTICE</b> 116. A notice may be served by the Council or the Secretary and Director General upon any member of any class either personally or by sending it whether as a separate communication or included in or with one of the publications of the Institution, prepaid through the post addressed to such person at his recorded address or by e-mail or by display at the website.

By Order of the Council

Sd/-

**Maj Gen (Dr) S Bhattacharya, VSM (Retd)**

Secretary and Director General

**Note:** If a Corporate Member is unable to attend the meeting, he may fill the Form of Proxy with name of his representative. The Form of Proxy is to be signed and to be returned to the Secretary and Director General, The Institution of Engineers (India), 8 Gokhale Road, Kolkata 700020 to reach him not later than 1130 hrs on 28 November 2019.

## The Institution of Engineers (India)

### EXTRAORDINARY GENERAL MEETING

#### FORM OF PROXY

I, ..... of ..... being a Corporate Member of the above Institution hereby appoint .....

..... of ..... or failing him ..... of ..... as

my proxy at Extraordinary General Meeting of the Institution to be held on the ..... day of ..... 2019 and at any poll held in connection therewith.

As witness my hand ..... day of ..... 2019.

Signature.....

Class of Membership of IEI..... No.....

# One Day Seminars/Workshops Conducted by Various Centres of IEI

## STATE CENTRES

### Gujarat

Gujarat State Centre of the Institution in association with Department of Materials and Metallurgical Engineering, Institute of Technology and Engineering (ITE), Indus University, Ahmedabad & Government Engineering College, Gandhinagar organized an One Day Seminar on the topic 'Challenges and Opportunities in Composite Materials' under the aegis of Materials & Metallurgical Engineering Division Board of IEI on September 24, 2019 at Ahmedabad. Eminent dignitaries present on the occasion included Dr M Panigrahi, Department of Materials and Metallurgical Engineering, ITE, Indus University, Prof (Dr) Indravadan Dave, Department of Metallurgy, Government Engineering College, Gandhinagar and Dr A K Singh, Director, ITE, Indus University. Mr Vijay B Solanki on behalf of Gujarat State Centre proposed the vote of thanks.



### Jharkhand

Jharkhand State Centre of the Institution organized One Day Workshop on the topic 'Need of Non-conventional Energy for Sustainable Development in Jharkhand' under the aegis of Interdisciplinary Coordination Committee (ICC) of IEI on May 11, 2019 at Ranchi. Mr



Niranjan Kumar, Director, Jharkhand Renewable Energy Development Agency, Ranchi and Mr Mahesh Kumar Gupta, Principal, Jharkhand Government MSME Tool Room, Ranchi graced the occasion as the Chief Guest and Keynote Speaker respectively and addressed the august gathering. Earlier, Mr Siyaranjan Kumar Singh, Chairman, Jharkhand State Centre and Council Member, IEI welcomed the august audience. Mr Prasant Deva, past Honorary Secretary of the Centre proposed the vote of thanks.



Jharkhand State Centre of the Institution organized One Day Workshop on the topic 'Advancement & Development in Material Handling System- 2019' under the aegis of Mechanical Engineering Division Board of IEI on June 16, 2019 at Ranchi. Mr Avijit Ghosh, Ex CMD, Heavy Engineering Corporation Ltd, Ranchi graced the occasion as Chief Guest. Mr A K Nan, General Manager (Structural), MECON, Ranchi delivered the Keynote Address. Mr C D Goswami, Executive Director (Technical Services), MECON, Ranchi also addressed the gathering. Earlier, Mr Siyaranjan Kumar Singh, Chairman, Jharkhand State Centre and Council Member, IEI welcomed the august audience.

### Telangana



Telangana State Centre of the Institution organized a One Day Workshop on the topic 'Speed and Safety Measures in Construction Projects' under the aegis of Civil Engineering Division Board of

IEI on July 27, 2019 at Hyderabad. Prof N V Ramana Rao, Director, National Institute of Technology, Warangal graced the occasion as Chief Guest and lucidly explained different aspects of construction, structural alternation, repair, maintenance of a building including re-pointing, redecoration and external cleaning of the structure, different stages of building foundation and demolition. Dr G Rameshwar Rao, Chairman of the Centre presided over the function. Earlier, Mr T Anjaiah, Honorary Secretary of the Centre welcomed the audience. Dr M V Venkateswara Rao, Convener proposed the vote of thanks.

### West Bengal

West Bengal State Centre of the Institution organized One-Day Workshop on the topic 'Sustainable Management of Water Resources in Agriculture' under the aegis of the Agricultural Engineering Division Board of IEI on July 05, 2019 at Kolkata. Eminent personalities delivered lectures on the occasion included Dr R C Srivastava, Vice-Chancellor, Dr Rajendra Prasad Central Agricultural University, Bihar



and Dr R K Singh, Director, ICAR-Central Institute of Post Harvest Engineering and Technology, Ludhiana, Punjab. Eminent dignitaries presented papers during the workshop, who include : Dr B N Ghosh, Principal Scientist, ICAR-National Bureau of Soil Survey & Land Use Planning, Regional Centre Kolkata; Dr C Kundu, Agriculture Specialist, West Bengal Accelerated Development of Minor Irrigation Project (WBADMIP), Kolkata and Dr D P Sinhababu, Ex-Principal Scientist, ICAR-NRRI, Cuttack. Earlier, Mr Sandip Kumar Deb, Chairman of the Centre welcomed the august gathering. Mr Kalipada Das, Honorary Secretary of the Centre proposed the vote of thanks.

## LOCAL CENTRES

### Bareilly

Bareilly Local Centre of the Institution in association with Shri Ram Murti Smarak College of Technology (SRMSCET), Bareilly organized One Day Seminar on the



topic 'Alternate Energy – Solar & Solar PV' under the aegis of Electrical Engineering Division Board of IEI on September 21, 2019 at Bareilly. The dignitaries present on the occasion included Mr Dev

Murti, Chairman, Shri Ram Murti Smarak College of Engineering and Technology; Dr Prabhakar Gupta, Dean Academics; Dr Anuj Kumar, Head MBA/MCA/TDP; Dr Lalit Singh, Director of Pharmacy and Dr Rajesh Tyagi, HOD EN. Earlier, Mr S C Mehra, Chairman of the Centre welcomed the audience.

### Coimbatore

Coimbatore Local Centre of the Institution organized One Day Seminar on the topic 'Communication Technologies and Security Challenges for Internet of Things' under the aegis of Electronics & Telecommunication Engineering Division Board of IEI on August 20, 2019 at Coimbatore. Dr T Kannadasan, Principal, Hindusthan College of Engineering & Technology, Chennai graced the occasion





as the Keynote Speaker and delivered the keynote address. Earlier, Mr P R Natarajan, Chairman of the Centre addressed the gathering.

#### Dhanbad

Dhanbad Local Centre of the Institution in association with Department of Electrical Engineering, BIT Sindri and CSIR-Central Institute of Mining and Fuel Research, Dhanbad organized One Day All India Workshop on the topic 'Innovations for Sustainable Energy Systems' under the aegis of Electrical Engineering Division Board of IEI on September 21, 2019 at Dhanbad. Mr Sanjay Rajoria, Managing Director, TRF Limited graced the occasion as Chief Guest and Mr Chitaranjan Choudhary, Ex General Manager, IISCO-SAIL, Chasnala graced the occasion as Guest-of-Honor. All the dignitaries focused on the importance of sustainability in energy sector. Other eminent speakers included Dr D V Rajan, Superintending Engineer (Electrical) Damodar Valley Corporation, Durgapur Steel Thermal Power Station; Dr Vivekananda Mukherjee, Associate Professor, Department of Electrical Engineering, IIT(ISM) Dhanbad; Dr Gauri Sankar, Assistant Professor, Department of Electrical Engineering, IIT(ISM) Dhanbad and Dr Ramjee Prasad Gupta, Assistant Professor, Department of Electrical Engineering, BIT Sindri, Dhanbad. Dr S K Singh, Honorary Secretary of the Centre proposed the vote of thanks.



#### Durgapur

Durgapur Local Centre of the Institution organized One Day Workshop on the topic 'Societal Computational Approach with Internet of Things (IoT)' under the aegis of Electronics & Telecommunication Engineering Division Board of IEI on August 29, 2019 at Durgapur. Dr Marisha McAuliff, Chief, Academics and Quality Systems, NSHM Knowledge Campus Durgapur & Kolkata graced the occasion as the Chief Guest. Prof (Dr) Sudipto Sarkar, HoD-ME, Dean, Accreditations and International Tie Ups, NSHM Knowledge Campus Durgapur, Dr Mousumi Saha, and Dr Sujoy Saha, Assistant Professors, Department of Computer Science and Engineering, NIT Durgapur graced the function as Guests-of-Honour. Earlier, Prof (Dr) Kartik Chandra Ghanta, Chairman of the Centre and Council Member, IEI welcomed the august audience. Prof H B Goswami, Council Member, IEI proposed the vote of thanks.



Durgapur Local Centre of the Institution organized One Day Workshop on the topic 'Challenges in Cyber Security and Network Security Threats' under the aegis of Computer Engineering Division Board of IEI on August 31, 2019 at Durgapur. Dr Chandan Koner, HoD, Computer Science & Engineering Department, B C Roy Engineering College, Durgapur graced the occasion as the Chief Guest and addressed the august gathering. Mr G Singh, Deputy General Manager – Computer and Information Technology, DSP/SAIL, Durgapur and Dr P K Sinha Principal, Durgapur Institute of Advanced Technology & Management (DIATM), Durgapur were present during the occasion as Guests-of-Honor. Earlier, Prof (Dr) Kartik Chandra Ghanta, Chairman of the Centre and Council Member, IEI welcomed the august audience. Prof H B Goswami, Council Member, IEI delivered an introductory address on the theme. Mr M K Biswal, Honorary Secretary of the Centre proposed the vote of thanks.



#### Jamshedpur

Jamshedpur Local Centre of the Institution organized One Day Workshop on the topic 'Brief Description of 5G and Application of Electronics in Medical Field' under the aegis of Electronics & Telecommunication Engineering Division Board of IEI on September 7, 2019 at Jamshedpur. Mr Anurag Agnihotri,

Chief, IT Project, Tata Steel graced the occasion as the Chief Guest and explained the application domain of 5G technology. Earlier, Mr Anurag Saxena, Chairman of the Centre welcomed the august audience.



#### Nashik

Nashik Local Centre of the Institution organized One Day Seminar on the topic 'Chandrayaan-2 Spacecraft' under the aegis of Aerospace Engineering Division Board of IEI on August 30, 2019 at Nashik. Dr Om Prakash Kulkarni, Space Scientist graced the occasion as the Guest Speaker and briefed the audience about Chandrayaan-2: India's Orbiter-Kander-Rover Mission. Another Guest speaker during the occasion was Mr Sumit Khinvasara of Raj Technologies, Nashik. Earlier, Mr S S Mutha, Chairman, Nashik Local Centre and Council Member, IEI welcomed the audience. Mr M M Kothari, Chairman, Aerospace Engineering Division Board, IEI was also present during the occasion. Mr A V Patil, Honorary Secretary of the Centre proposed the vote of thanks.



Nashik Local Centre of the Institution organized One Day Seminar on the topic '5G: The Next Generation of Mobile Communication' under the aegis of Electronics & Telecommunication Engineering Division Board of IEI on September 17, 2019 at Nashik. Mr Sureshbabu Prajapati, Senior General Manager – Telecom, BSNL, Nashik and Dr M D Kokate, Principal, SNJB's Late Sau. K B Jain College of Engineering (Jain Gurukul), Nashik graced the occasion as the Guest Speakers and spoke on the theme. Earlier, Mr S S Mutha, Chairman, Nashik Local Centre and Council Member, IEI welcomed the audience. Mr A V Patil, Honorary Secretary of the Centre proposed the vote of thanks.



#### Solapur

Solapur Local Centre of the Institution organized One Day Workshop on the topic 'Machine Learning and Deep Learning' under the aegis of Computer Engineering Division Board of IEI on August 24, 2019 at Solapur. Dignitaries present in the function included Mr Sawant Namdev Manik, HoD, Mr Pingale Subhash Vittal, Assistant Professor, Mr Takalikar Ravindra Anil, Assistant Professor, Computer Science and Engineering Department, and Dr R T Vyavahare, HoD, Mechanical Engineering Department & Dean – Academics, SKN Sinhgad College of Engineering, Pandharpur, Solapur. Mr P K Magadam, Honorary Secretary of the Centre proposed the vote of thanks.



Solapur Local Centre of the Institution in association with Vidya Vikas Pratisthan Institute of Engineering & Technology, Solapur organized a One Day Workshop on the topic 'Data Analytics with Python' under the aegis of Computer Engineering Division Board of IEI on August 30, 2019 at Solapur. Mr T D Khadtare, Professor, Computer Engineering Department, Sinhgad Institute of Technology & Science, Narhe, Pune graced the occasion as the Chief Guest and spoke on the theme of the Workshop. Earlier, Dr S S Patil, Chairman of the Centre welcomed the audience.





## Aerospace Engineering Division

Thirty-third National Convention of Aerospace Engineers on **"Emerging Technologies in Aerospace Structures, Materials and Propulsion System"**

Pune, November 16-17, 2019

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

One Day Seminar on **"Thermal Aspects of Space Craft Systems"**

Thiruvananthapuram, November 23, 2019

The Honorary Secretary, IEI, Kerala State Centre, Visvesvaraya Bhavan, Opposite Kanakakunnu Place, Thiruvananthapuram 695033 [☎: (0471) 23222991 / 2982102; Telefax: (0471) 232992; e-mail: keralasc@ieiindia.org; website: www.ietvm.org]

All India Seminar on **"Computational & Non-Computational Tools Involved in Aircraft Engine and Structural Health Monitoring System"**

Coimbatore, February 05-06, 2020

The Honorary Secretary, IEI, Coimbatore Local Centre, PSG College of Technology Campus, Peelamedu, Coimbatore 641004 [☎: (0422) 2580733; e-mail: coimbatorelc@ieiindia.org]

Thirty-fourth National Convention of Aerospace Engineers on **"Advances in Aerospace Engineering"**

Kanpur, November 09-10, 2020

The Honorary Secretary, IEI, Kanpur Local Centre, Engineers Bhawan, HBTI East Campus, Nawabganj, Kanpur 208002 [Telefax: (0512) 2560034; e-mail: kanpurlc@ieiindia.org]

## Agricultural Engineering Division

National Conference on **"Smart Village and Agriculture"**

Bengaluru, February 07-08, 2020

The Honorary Secretary, IEI, Karnataka State Centre, No. 3, Dr. B R Ambedkar Veedhi, Bangalore 560001 [☎: (080) 22264698; Telefax: 080-22256191; e-mail: karnatakasc@ieiindia.org; www.ieiksc.org]

International Conference on **"Prospects and Challenges of Mechanization towards Economy and Sustenance of Global Sugarcane and Sugar Production"**

Bangalore, July 03 - 04, 2020

The Honorary Secretary, IEI, Karnataka State Centre, No. 3, Dr. B R Ambedkar Veedhi, Bangalore 560001 [☎: (080) 22264698; Telefax: 080-22256191; e-mail: karnatakasc@ieiindia.org; www.ieiksc.org]

## Architectural Engineering Division

Thirty-fifth National Convention of Architectural Engineers on **"Re-Engineering of Buildings"**

Trichur, 07 - 08 December 2019

The Honorary Secretary, IEI, Trichur Local Centre, ISTE Building, PO: Viyyur, Trichur 680010, [☎: (0487) 2321738; e-mail: trichurlc@ieiindia.org]

## Chemical Engineering Division

All India Seminar on **"Awareness on Radiation Safety in Social Benefits of Radiation Sources"**

Madurai, November 25-26, 2019

The Honorary Secretary, IEI, Madurai Local Centre, Er T M Jambulingam Bhavan, No. 1, Vivekananda Nagar, 120 Feet Road, Surveyor Colony, K Pudur, Madurai 625007 [☎: (0452) 4373067; e-mail: madurailc@ieiindia.org]

International Conference on **"Technologies for Manufacturing Less Polluting and Green Crackers"**

Madurai, July 03-04, 2020

The Honorary Secretary, IEI, Madurai Local Centre, Er T M Jambulingam Bhavan, No. 1, Vivekananda Nagar, 120 Feet Road, Surveyor Colony, K Pudur, Madurai 625007 [☎: (0452) 4373067; e-mail: madurailc@ieiindia.org]

Thirty-sixth National Convention of Chemical Engineers on **"Frontier Technologies for 21st Centuries Process Industries"**

Durgapur, September 11-12, 2020

The Honorary Secretary, IEI, Durgapur Local Centre, Nehru Avenue, B-Zone, Durgapur 713205 [Telefax: (0343) 2564770; e-mail: durgapurlc@ieiindia.org]

## Civil Engineering Division

All India Seminar on **"Sustainable Water Management & Conservation"**

Lucknow, November 02-03, 2019

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

One Day Workshop on **"Real Estate Regulation and Development"**

Lucknow, November 17, 2019

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

All India Seminar on **"Alternative Highways Construction Material"**

Ranchi, December 14-15, 2019

The Honorary Secretary, IEI, Jharkhand State Centre, Engineer Bhawan, Nepal Kothi Campus,

Doranda, Ranchi 834002 [☎: (0651) 2491344; e-mail: jharkhandsc@ieiindia.org; website: www.ieijsc.org]

International Conference on **"Building the Disaster Resilient Society in BIMSTEC Countries: Role of Nations"**

Agartala, February 28-March 01, 2020

The Honorary Secretary, IEI, Tripura State Centre, Pandit Nehru Complex, Near Tripura Housing Board, P.O.: Kunjaban, PB No. 139, Agartala 799006, Telefax: 0381-2304700; e-mail: tripurasc@ieiindia.org]

International Conference on **"Disaster Mitigation and Management in Global Context"**

Bhubaneswar, March 7-8, 2020

The Honorary Secretary, IEI, Odisha State Centre, Sachivalaya Marg, Unit-IV, Bhubaneswar 751001 [☎: 0674 2390291, Telefax: (0674) 2390630; e-mail: odishasc@ieiindia.org]

International Conference of Civil Engineers on **"Smart and Sustainable Infrastructure"**

Nagpur, March 20-21, 2020

The Honorary Secretary, IEI, Nagpur Local Centre, North Ambazari Road, Nagpur 440010 [☎: (0712) 2556231/2525617/2554387; e-mail: nagpurlc@ieiindia.org; website: www.ieingp.org]

Thirty-sixth National Convention of Civil Engineers on **"Innovation, Mechanisation and Modern Techniques in Civil Engineering"**

Ranchi, September 08-09, 2020

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

## Computer Engineering Division

International Conference on **"Next Generation Computing Technologies"**

Dehradun, December 20-21, 2019

The Honorary Secretary, IEI, Uttarakhand State Centre, Engineers Bhawan, Near ISBT Flyover, Saharanpur Road, Dehradun 248002 [☎: (0135) 2641190; Mobile: 9412056431; e-mail: uttarakhandsc@ieiindia.org]

All India Workshop on **"Software Testing, Audit and Quality Assurance using Open Source Tools"**

Chandigarh, January 23-24, 2020

The Honorary Secretary, IEI, Punjab & Chandigarh State Centre, Madhya Marg, Sector 19-A, Chandigarh 160019 [☎: (0172) 2775418; Fax: (0172) 2540133; e-mail: pcsc@ieiindia.org]

Thirty-third National Convention of Computer Engineers on **"Applied Computational Intelligence and Informatics"**

Jaipur, February 15-16, 2020

The Honorary Secretary, IEI, Rajasthan State Centre, Gandhi Nagar, Tonk Road, Jaipur 302015





[☎: (0141) 2706327; Telefax: (0141) 2700413; e-mail: rajasthansc@ieindia.org]

### Electrical Engineering Division

**Thirty-fifth National Convention of Electrical Engineers on "Storing Energy for a Sustainable Future: Future Energy in any Isolated World"**  
Chennai, November 07-09, 2019

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

**International Conference on "Impact of Changing Energy-mix in Power Sector"**  
Kolkata, November 23-24, 2019

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

**All India Seminar on "Role of Smart Grid for Rural Electrification"**

Bhubaneswar, December 15-16, 2019  
The Honorary Secretary, IEI, Odisha State Centre, Sachivalaya Marg, Unit-IV, Bhubaneswar 751001 [☎: (0674) 2390291, Telefax: 0674 2390630; e-mail: odishasc@ieindia.org]

**International Conference on "Water, Energy and Biodiversity for Sustainable Development of BIMSTEC Countries"**

Agartala, December 12-14, 2019  
The Honorary Secretary, IEI, Tripura State Centre, Pandit Nehru Complex, Near Tripura Housing Board, P. O. Kunjaban, PB No 139, Agartala 799 006 [☎: (0381) 2304700; Fax: (0381) 2304700; e-mail: tripurasc@ieindia.org]

**All India Seminar on "Policies of Governments, Paradigms Challenges and Opportunities of Sustainable Electrical Power in India"**

Hyderabad, January 11-12, 2020  
The Honorary Secretary, IEI, Telangana State Centre, Visvesvaraya Bhavan, Khairatabad, Hyderabad 500004 [☎: (040) 23314969; e-mail: telanganasc@ieindia.org; website: ieitsc.org]

**All India Seminar on "Design of Efficient Power System by Applications of Optimization Techniques"**

Chandigarh, January 15-16, 2020  
The Honorary Secretary, IEI, Punjab & Chandigarh State Centre, Madhya Marg, Sector 19-A, Chandigarh 160019 [☎: (0172) 2775418; Fax: (0172) 2540133; e-mail: pcsc@ieindia.org]

**All India Seminar on "Load Management in Electrical Power Systems in India"**

Hyderabad, February 01-02, 2020  
The Honorary Secretary, IEI, Telangana State Centre, Visvesvaraya Bhavan, Khairatabad, Hyderabad 500004 [☎: (040) 23314969; e-mail: telanganasc@ieindia.org; website: ieitsc.org]

### Electronics & Telecom. Engineering Division

**All India Seminar on "5G and Its Scopes for Different Technologies"**

Bhubaneswar, November 9-10, 2019  
The Honorary Secretary, IEI, Odisha State Centre, Sachivalaya Marg, Unit-IV, Bhubaneswar 751001 [☎: 0674 2390291, Telefax: 0674 2390630; e-mail: odishasc@ieindia.org]

**All India Workshop on "Impact of Advancement in Wireless Technology (5G/6G) on Indian Society"**

Chandigarh, November 25-29, 2019  
The Honorary Secretary, IEI, Punjab & Chandigarh State Centre, Madhya Marg, Sector 19-A, Chandigarh 160019 [☎: (0172) 2775418; Fax: (0172) 2540133; e-mail: pcsc@ieindia.org]

**All India Seminar on "Energy Efficient Techniques in 5G Wireless Communication Systems"**

Coimbatore, November 28-29, 2019  
The Honorary Secretary, IEI, Coimbatore Local Centre, PSG College of Technology Campus, Peelamedu, Coimbatore 641004 [☎: (0422) 2580733; e-mail: coimbatorelc@ieindia.org]

**All India Seminar on "Advances in Mobile Communication and Challenges in Mobile Computing"**

Durgapur, December 6-7, 2019  
The Honorary Secretary, IEI, Durgapur Local Centre, Nehru Avenue, B-Zone, Durgapur 713205 [Telefax: (0343) 2564770; e-mail: durgapurlc@ieindia.org]

**All India Workshop on "Nanosensors for Medical Applications"**

January 9-10, 2020  
The Honorary Secretary, IEI, Tiruchirapalli Local Centre, Near Ganesa Bus Stop, BHEL Main Office Road, Opposite to 79 Building, Tiruchirapalli 620014 [☎: (0431) 2554285 / 2574022; e-mail: tiruchirapallilc@ieindia.org]

### Environmental Engineering Division

**All India Seminars on "Artificial Recharge of Ground Water and its Role in Water Management"**

Ranchi, November 09-10, 2019  
The Honorary Secretary, IEI, Jharkhand State Centre, Engineer Bhawan, Nepal Kothi Campus, Doranda, Ranchi 834002 [☎: (0651) 2491344; e-mail: jharkhandsc@ieindia.org; website: www.ieijsc.org]

**International Conference on "Environmental Degradation: Key Challenges to Sustainable Development"**

Hyderabad, November 22-24, 2019  
The Honorary Secretary, IEI, Telangana State Centre, Visvesvaraya Bhavan, Khairatabad, Hyderabad 500004 [☎: (040) 23314969; e-mail: telanganasc@ieindia.org; website: ieitsc.org]

**All India Seminar on "Sustainability on the**

### Conversion of Coal and Hydrocarbons"

Puducherry, December 12-13, 2019  
The Honorary Secretary, IEI, Puducherry State Centre, 63 N S C Bose Salai, PWD Campus, Ground Floor, Circle - I Office, Puducherry 605001 [Mobile : 9443748471; e-mail: puducherryisc@ieindia.org]

**Thirty-sixth National Convention of Environmental Engineers on "Waste Recycling and Reuse"**

Kochi, August 07-08, 2020  
The Honorary Secretary, IEI, Kochi Local Centre, Govt. Homeo Hospital Road, Near Pullepady Railway Over Bridge (East Side), P.O. Kaloor, Kochi 682017 [☎: (0484) 2403838 / 3993 e-mail: kochilc@ieindia.org; website: www.ieikochi.org]

### Mechanical Engineering Division

**One Day Workshop on "Newer Trends in Industrial Automation"**

Salem, November 29, 2019  
The Honorary Secretary, IEI, Salem Local Centre, 104/7, Manivannan Street, 3rd Floor, SPC Bhawan, Opp to Salem New Bus Stand, Salem 636004 [☎: (0427) 2415224; e-mail: salemic@ieindia.org]

**All India Seminar on "Mechanical and Tribological Behaviour of Advanced Composites"**

Bangalore, November 08-09, 2019  
The Honorary Secretary, IEI, Karnataka State Centre, No. 3, Dr. B R Ambedkar Veedhi, Bangalore 560001 [☎: (080) 22264698; Telefax: (080) 22256191; e-mail: karnatakasc@ieindia.org; website: www.ieiksc.org]

**All India Seminar on "Future Trends in Manufacturing Systems"**

Jabalpur, December 07-08, 2019  
The Honorary Secretary, IEI, Jabalpur Local Centre, Visvesvaraya Marg, South Civil Lines, in front of RTO Office, Jabalpur 482001 [☎: Telefax: (0761) 2678929; e-mail: jabalpurlc@ieindia.org]

**All India Seminar on "Pneumatic Drives and their Applications"**

Bangalore, December 20-21, 2019  
The Honorary Secretary, IEI, Karnataka State Centre, No. 3, Dr. B R Ambedkar Veedhi, Bangalore 560001 [☎: (080) 22264698; Telefax: (080) 22256191; e-mail: karnatakasc@ieindia.org; website: www.ieiksc.org]

**All India Seminar on "Advances in Materials, Design Manufacturing and Thermal Engineering"**

Bhubaneswar, January 11-12, 2020  
The Honorary Secretary, IEI, Odisha State Centre, Sachivalaya Marg, Unit-IV, Bhubaneswar 751001 [☎: (0674) 2390291, Telefax: 0674 2390630; e-mail: odishasc@ieindia.org]

**All India Seminar on "Optimization of Engine Design and Operating Variables to Control Emissions"**

Coimbatore, March 19-20, 2020



The Honorary Secretary, IEI, Coimbatore Local Centre, PSG College of Technology Campus, Peelamedu, Coimbatore 641004 [☎: (0422) 2580733; e-mail: coimbatorelc@ieindia.org]

### Thirty-sixth National Convention of Mechanical Engineers, on "Innovations in Thermal Science and Engineering"

Agartala, September 05-06, 2020

The Honorary Secretary, IEI, Tripura State Centre, Pandit Nehru Complex, Near Tripura Housing Board, P. O. Kunjaban, PB No 139, Agartala 799 006 [☎: (0381) 2304700; Fax: (0381) 2304700; e-mail: tripurasc@ieindia.org]

### Thirty-seventh National Convention of Mechanical Engineers on "Application of IoT and Big Data in Manufacturing and Associated Field"

Delhi, September 10-11, 2021

The Honorary Secretary, IEI, Delhi State Centre, Engineers Bhawan, 2 Bahadurshah Zafar Marg, New Delhi 110002 [☎: (011) 23379052 / 23379948; e-mail: delhisc@ieindia.org; website: www.ieidsc.in]

### Metallurgical & Materials Engg. Division

#### International Conference of Metallurgical & Materials Engineers on "Synthesis, Characterization and Application of Nanomaterials (SCAN)"

Kolkata, November 01-02, 2019

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

#### Thirty-third National Convention of Metallurgical & Materials Engineers on "Climate Responsive Technologies vis-a-vis Iron and Steel Production Scenario"

Durgapur, January 17-18, 2020

The Honorary Secretary, IEI, Durgapur Local Centre, Nehru Avenue, B-Zone, Durgapur 713205 [Telefax: (0343) 2564770; e-mail: durgapurlc@gmail.com; website: ieidurgapurlc.org]

### Production Engineering Division

#### All India Seminar on "Innovative Production Systems"

Jaipur, November 02-03, 2019

The Honorary Secretary, IEI, Rajasthan State Centre, Gandhi Nagar, Tonk Road, Jaipur 302015 [☎: (0141) 2706327; Telefax: (0141) 2700413; e-mail: rajasthansc@ieindia.org]

#### All India Seminar on "Best Practices and Applications of TQM in Industry and Academia"

Bangalore, November 16-17, 2019

The Honorary Secretary, IEI, Karnataka State Centre, No. 3, Dr. B R Ambedkar Veedhi, Bangalore 560001 [☎: (080) 22264698; Telefax: (080) 22256191; e-mail: karnatakasc@ieindia.org; www.ieiksc.org]

### National Symposium on "Cleaner Production and Green Technology"

Surat, December 13, 2019

Honorary Secretary, IEI, South Gujarat Local Centre, Mahida Bhavan, Ichchhanath, Surat 395007 [☎: (0261) 2227340; e-mail: sglc@ieindia.org]

### Thirty-fifth National Convention of Production Engineers on "Emerging Technologies for Sustainable Manufacturing"

Durgapur, May 23-24, 2020

The Honorary Secretary, IEI, Durgapur Local Centre, Nehru Avenue, B-Zone, Durgapur 713205 [Telefax: (0343) 2564770; e-mail: durgapurlc@gmail.com; website: ieidurgapurlc.org]

### Textile Engineering Division

#### International Conference on "Innovative Approaches for the Development of Sustainable Textile Products and Processes"

Kolkata, February 09-10, 2020

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

#### Thirty-third National Convention of Textile Engineers on "Two Decades of Nanotechnology in Textile: Progress and Prospects"

Ahmedabad, February 20-21, 2020

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

### Interdisciplinary

#### One Day Seminar on "Energy Sustainability Roadmap for Hospitality and Healthcare"

Ranchi, December 14-15, 2019

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

#### All India Workshop on "Opportunities for Industry 4.0 Applications in Indian Industries"

Tiruchirappalli, January 03-04, 2020

The Honorary Secretary, IEI, Tiruchirappalli Local Centre, Near Ganesa Bus Stop, BHEL Main Office Road, Opposite to 79 Building, Tiruchirappalli

620014 [☎: (0431) 2554285 / 2574022; e-mail: tiruchirapallilc@ieindia.org]

### One Day Seminar on "Role of Engineers in Development of Technologies for a Better Quality of Human Life"

Gwalior, January 12, 2020

The Honorary Secretary, IEI, Gwalior Local Centre, Green Park, Engineers Road, Near New Collectorate, City Centre, Gwalior 474011 [e-mail: gwaliorlc@ieindia.org]

### One Day Workshop on "Sensor Interface and Integration for RD Work"

Coimbatore, January 24, 2020

The Honorary Secretary, IEI, Coimbatore Local Centre, PSG College of Technology Campus, Peelamedu, Coimbatore 641004 [☎: (0422) 2580733; e-mail: coimbatorelc@ieindia.org]

### One Day Workshop on "Nanotechnology in Solar Energy Applications"

Tiruchirappalli, February 14, 2020

The Honorary Secretary, IEI, Tiruchirappalli Local Centre, Near Ganesa Bus Stop, BHEL Main Office Road, Opposite to 79 Building, Tiruchirappalli 620014 [☎: (0431) 2554285 / 2574022; e-mail: tiruchirapallilc@ieindia.org]

#### International Conference on "Innovative Engineering for Smart Cities, High Speed Transport and Infrastructure"

Chennai, February 14-15, 2020

The Honorary Secretary, IEI, Tamilnadu State Centre, 19, Swami, Sivananda Salai, Chepauk, Chennai 600005 [☎: (044) 25360614 / 25369433; e-mail: tncsc@ieindia.org; website: www.ieitamilnadu.org]

### Other Events

#### Global Water Alliance Conference on "Achieving Water, Sanitation and Hygiene (WASH) Sustainability Goals for Developing Countries"

Kolkata, January 04-07, 2020

Organised by Global Water Alliance jointly with Rural Development Forum, IEI, for further queries write to atgwaconference2020@gmail.com

#### International Conference on "Energy and Sustainable Development 2020"

Kolkata, February 14-15, 2020

Jointly by IEI and Department of Mechanical Engineering, Jadavpur University under support from Rashtriya Uchchatar Shiksha Abhiyan, for further queries write to icesd20@gmail.com

## The Institution of Engineers (India)

8, Gokhale Road, Kolkata - 700020

The Institution of Engineers (India) (IEI), the largest professional body of engineers was established in 1920, granted the Royal Charter in 1935 and functions through its 123 State/Local Centres and the Council. IEI decided to go for online election system at various levels. In this context, IEI invites Proposal from reputed companies for the Development, maintenance and support of Online Election System of IEI.

The proposal should reach IEI HQs by 18 Nov 2019. The RFP document is available at IEI website under the URL: <https://www.ieindia.org/webui/IEI-Tender.aspx>

For IEI

# IEI-Springer Journals' Editors Meet, 2019

To enhance the quality and to increase the visibility of Journals of The Institution of Engineers (India), "2nd Editors' Meet" was organized at the premises of Springer Nature India Pvt. Ltd., New Delhi on September 17, 2019. The Editors and Associated Editors of various Series of Journals of IEI were present along with the team of Springer and IEI. The Meeting was chaired by Dr T M Gunaraja, President, IEI. The Meeting was also attended by Dr G Ranganath, Chairman, Committee for Advancement of Technology & Engineering (CATE), Dr Liesbeth Mol, Vice President, Leadership Team, Journals, Mathematics, Physical and Applied Sciences (MPAS), SpringerNature from Netherland and the Editors / Associated Editors of IEI Journals. Dr Mol appreciated President, IEI for his initiative to conduct the interaction among all Editors with Springer. While delivering the vote of thanks, Dr G Ranganath, Chairman, CATE, IEI expressed that IEI will organize the Awareness Programme shortly on "Publication of Papers in all Series of Journals" jointly with Springer.

## IVRS at IEI HQ

For General Enquiry,  
please dial IVRS No. (033) 4015 5400  
Contact for queries related to  
Examination : exams@ieindia.org  
Membership and change of address :  
membership@ieindia.org

## Important Notice

It has been observed that there are many Corporate Members of IEI whose mobile number/email id is not registered with IEI till date. Non availability of the mobile numbers and email ids precludes us not only from providing our full range of services but also from participation in the Online Election Process.

The Corporate Members whose mobile number/email id is not registered with IEI are therefore requested to kindly communicate their mobile no. and email id along with membership number to datamemb@ieindia.org by 10 November 2019.

For any further clarification, one may feel free to speak to us at (033)40106248/ 246/ 269/ 299.

Maj Gen (Dr) S Bhattacharya, VSM (Retd)  
Secretary and Director General

## Superannuation from IEI

Mr Shyamal Chakraborty, an employee of the Institution HQ will be superannuated from the services of IEI on October 31, 2019. He joined the Institution on January 1, 1986 and rendered his services to the Institution for a period of over 33 years.

IEI wishes Mr Shyamal Chakraborty and his family a happy and healthy life in future.



## IEI Join Hands with Various Certification Bodies to Nurture Engineers

IEI and The Institute of Cost Accountants of India have signed a MoU on 27 May 2019, Kolkata, to offer a course exclusively for engineers- "Executive Diploma in Cost & Management Accounting for Engineers". Here is a wonderful opportunity for all corporate members of IEI to enhance knowledge in the domain of finance and understand the framework of costing, accounting system etc. in various decision making processes.

IEI also ties up with Project Management Associates (PMA), on 3 Jun 2019, at Chennai, in an exclusive collaboration to build a project mindset through Project Management education "IPMA's level C and D Certification Programme" in the country. The program offers a golden opportunity for project professionals to acquire key knowledge and concepts in Project Management, based on the approach followed by the world's leading authority on competence based Project, Program & Portfolio Management-International Project Management Association (IPMA)

IEI members have the exclusive facility of enrolling in the courses at a discounted fee!

For details, Corporate Members may login to their respective dashboard (<https://www.ieindia.org/WebUI/IEI-Registration.aspx>) and submit their application under Certification --> IPMA.

Please visit [www.ieindia.org](http://www.ieindia.org) under Certification for details.

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# 34<sup>th</sup> INDIAN ENGINEERING CONGRESS

Hyderabad, December 27-29, 2019

Theme:

**Societal Engineering – Imperatives for Nation Building**

Organized by

**The Institution of Engineers (India)**

Hosted by: **Telangana State Centre**

Contact : Organising Secretary, 34th Indian Engineering Congress, The Institution of Engineers (India), Telangana State Centre

Visvesvaraya Bhavan, Khairatabad, Hyderabad 500004

Phone : 040-23314969; e-mail : [telanganasc@ieindia.org](mailto:telanganasc@ieindia.org); website : [www.ieitsc.org](http://www.ieitsc.org)

To Contribute Papers, please follow the link :

[https://www.ieindia.org/webui/IEI-Activities.aspx#Call\\_Papers](https://www.ieindia.org/webui/IEI-Activities.aspx#Call_Papers)

## TWENTY-SEVENTH IEI CONVOCATION AND TECHNICIANS'/STUDENTS' CONVENTION

Jaipur, November 9-10, 2019

Theme: **Industry 4.0 – Transforming Industrial Productivity**

Technical papers are invited on following sub-themes :

- Process Improvement in Manufacturing Industry
- Applications of Radio Frequency Identification (RFID) Technology in the Logistics and Supply Chain Industry
- Plant Process Optimization with Internet of Things (IoT) Application
- Efficient Utilization of Industrial Process with Robotics Application
- Total Productive Maintenance (TPM) Application in Industries

With this in focus, papers are invited from Technician/Senior Technician members, students of polytechnics and engineering colleges students chapters for presentation in the All India Technicians'/Students' Convention to be held on 09 Nov 2019 at Jaipur, Rajasthan. 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 Rajasthan State Centre latest by 31 Oct 2019.

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

Hosted by: **Rajasthan State Centre**

**For further information, please contact :**

The Organising Secretary (Convocation 2019)

The Institution of Engineers (India), Rajasthan State Centre, Gandhi Nagar, Tonk Road, Jaipur 302015, Rajasthan

Phone : (0141) 2706327; Telefax : (0141) 2700413

E-mail : [ieiconvocation2019@gmail.com](mailto:ieiconvocation2019@gmail.com)

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