

IEI Celebrates

World Standards Day

Theme: International Standards and the Fourth Industrial Revolution

The World Standards Day was celebrated by the Institution on October 14, 2018. Brief accounts of celebration as received from various Centres are reported hereunder

STATE CENTRES

Andhra Pradesh



Mr D Rama Krishna, Managing Director, Efftronics Systems Pvt. Ltd, Vijayawada, speaking on the theme stated that the physical world has become hyper connected and is now rapidly being augmented with a layer of 'smartness'. Earlier, Mr C V Sriram welcomed the august

gathering. Mr M R S Prakasa Rao, Former Chairman of Vijayawada Local Centre presided over the function. Mr M Seshagiri Rao, Honorary Secretary of the Centre proposed the vote of thanks.

Delhi

The Chief Guest, Mr Anil Jauhri, CEO, NABCB, Quality Council of India mentioned that Industrial Revolution 4.0 is still evolving in India, even the most advanced country in the world are still looking for understanding of effect of Industrial Revolution 4.0 on quality. Mr Pradip Chaturvedi, Council Member, IEI stated that



Industry 4.0 Revolution has already set in but seizing its full potential for improving the quality of life of the society will need a lot of high level research in engineering and technology. Earlier, Mr Devendra Gill, Chairman of the Centre welcomed the guests and dignitaries. Mr J K Sharma of the Centre proposed the vote of thanks.

Gujarat



The Theme Speaker, Mr Niraj Shah, Automation and Robotic Expert spoke about automation and use of robot in future for industrial revolution in our daily life. He further explained that robots and artificial intelligence will take over more and more tasks previously done

by humans, additive manufacturing also known as 3D printing will change the way of making goods, and gives the ability to "print things" at home, and as everything from planes to baby monitors are connected digitally, the vulnerability of data and the consequences of a breach are growing exponentially. Mr Solanki, Corporate Member proposed the vote of thanks.

Jharkhand

The Chief Guest, Mr U K Vishwakarma, General Manager (Management Services), MECON Limited emphasized that the Fourth Industrial Revolution is narrowing the traditional boundaries between the physical, digital and



biological worlds through adoption of emerging technologies. The Keynote Speaker, Mr A K Singh, Deputy General Manager (Civil), MECON Limited indicated that standards are not new for India, and Indian culture is intertwined

with standards in each aspects of life. The Guest of Honour, Mr Sundeep Sinha, Deputy General Manager (Rolling Mills), MECON Limited explained the meaning of Standards, and its significance in the Fourth Industrial Revolution. He discussed the risk involved with artificial intelligence. With the help of standardization, the risk may be minimized. Earlier, Mr Shivanand Roy, former Engineer in Chief, Irrigation Department, Govt. of Jharkhand welcomed all the dignitaries and guests. Mr M R Kumar, Honorary Secretary of the Centre proposed the vote of thanks.

Kerala

Mr M Pradeep Kumar, Consultant, Management Systems & Business Excellence and Former Auditor & International Tutor, Bureau Veritas Certification highlighted that the first industrial revolution happened in the 18th century and the fourth one is about to happen now. He further clarified that the fourth industrial



revolution is the current and developing environment in which disruptive technologies and trends such as the Internet of Things (IoT), robotics, virtual reality and artificial intelligence are changing the way human being live and work. Earlier, Mr N Rajkumar, Chairman of the Centre delivered the welcome address and Mr K Sarat Kumar, Past Honorary Secretary of the Centre proposed the vote of thanks.

Telangana



Mr P V S Maruthi Rao, Chairman, IEEE, Hyderabad, graced the occasion as Chief Guest. In his address, Mr Rao stated that Industry 4.0 is one of the emerging fields fueling the economic growth bringing a sea change in the industrial landscape. He further focused on the standards for IoT, Smart Cities, Machine to Machine etc.

Dr S Satyanarayana, Chairman of the Centre, in his address said that World Standards Day, which is a means of paying tribute to the collaborative efforts of the thousands of experts worldwide who develop the voluntary technical agreements that are published as international standards. Earlier, Dr G Rameshwar Rao, Honorary Secretary, welcomed the gathering. Mr T Anjaiah, proposed the vote of thanks.

Uttar Pradesh



The Chief Guest, Mr Ajay Maurya, Scientist-B, Bureau of Indian Standards (BIS), Lucknow, while speaking on the theme stated that first Industrial revolution was started in 18th century about 250 years ago in which requirement of standards was found to be relevant whole transforming the activities from manual to mechanical. Earlier, Mr V B Singh, Council Member, IEI presided over the function. Mr R K Trivedi, Honorary Secretary of the Centre proposed the vote of thanks.

LOCAL CENTRES

Ahmednagar

The Theme Speaker, Mr H B Thigale, Scientist 'E', Vehicle Research & Development Establishment, Ahmednagar, speaking on the relevance to the Fourth Industrial Revolution quoted the statement of Klaus Schwab, Founder & Executive Chairman of World Economic Forum that we stand on the brink of technological revolution that will fundamentally alter the way we live, work and relate to one another. Explaining the challenges ahead, Mr Thigale stated that not all organizations & industry sectors are at the same stage of understanding as what this means to their business. Earlier, Mr R P Waykar, Honorary Secretary of the Centre introduced the theme and also proposed the vote of thanks at the end.



Aligarh



Prof Badrul Hasan Khan graced the occasion as the Chief Guest and highlighted the importance of observing the Day. Dr Gyan Prakash Goyal, Chairman of the Centre welcomed the august gathering. Dr Salma Saheen, Honorary Secretary

of the Centre proposed the vote of thanks at the end of the function.

Anpara

Mr R P Saxena, General Manager, ATPS, graced the occasion as Chief Guest. Mr Saxena, in his address, stated that International Standards and Fourth Industrial Revolution is the need of today. Mr Vikas Kumar Srivastava, in his keynote address presented a detailed account of various issues concerned with the theme of the day. Earlier, Mr D K Singh, Immediate Past Honorary Secretary of the Centre welcomed the august gathering. Mr Mukesh Kumar Singh, Honorary Secretary of the Centre proposed the vote of thanks.



Bareilly

Mr K B Agarwal, Founder Chairman of the Centre, in his speech stated that in Fourth Industrial Revolution, Dynamic International Standards are required. Mr S K Gupta, Immediate Past Honorary Secretary of the Centre highlighted that the global network of centre for the Fourth Industrial Revolution brings together governments, leading companies, civil society and experts from



around the world to co-design and pilot innovative approaches to the policy and governance of technology. Earlier, Mr Subhash Mehra, Chairman of the Centre welcomed the august gathering. Prof Pankaj Kumar Sharma, Honorary Secretary of the Centre introduced the theme and proposed the vote of thanks at the end of the function.

Bokaro Steel City

The Chief Guest, Mr S Chaurasia, General Manager (RM & HP), SAIL-Bokaro Steel Plant, in his address highlighted the importance of quality aspects and explained citing the example of standard set by the nature in human body. Earlier, Mr A C Goyal, Chairman of the Centre welcomed the august gathering and explained the importance of the day. Mr Y N Singh, Honorary Secretary of the Centre proposed the vote of thanks at the end of the function.



Dharwad

The Chief Guest, Mr Rajeshwar Reddy, General Manager, Pennar Industries Hyderabad, in his address opined that a structured approach for standards and certification is becoming essential to accelerate the Industrial Revolution 4.0. He highlighted the need for setting up of standards and the evolution of standards and specifications. Prof Ramesh L Chakrasali, Honorary Secretary of the Centre, in his remarks stated that the standards and specifications help in ensuring bare minimum quality in all activities of the organization / industries. Earlier, Dr Sunil Honnunar welcomed the august gathering and also proposed the vote of thanks at the end of the function.



Durgapur

The Guest of Honour, Dr Chittatosh Bhattacharya, Deputy Director, NPTI (ER), Durgapur, speaking on 'India's Strategic Mission to Incorporate the Transforming Global Standardizing Vision' touched upon some important points viz. World Standards Day & its significance, Road Map to Standardization Procedure, Evolution and Role of BIS, Ongoing National Policy Framework, Emerging Trends in National Standardization Regulations etc. Another Guest of Honour, Mr M Chandrasekhar, Deputy General Manager (COCC), SAIL- Durgapur Steel Plant also spoke on the theme. Earlier, Mr R K Roy, Chairman of the Centre, in his welcome address highlighted that today standards will once more play a key role in the transition to a new era. Mr M N Bandyopadhyay, Honorary Secretary of the Centre proposed the vote of thanks.



Faridabad

The Keynote Speaker, Ms Neha Yadav, Scientist C, Bureau of Indian Standards (BIS) gave a detailed description about BIS and its activities. Dr Pradeep Kumar, Associate Professor, YMCA, in his theme speech stated that some say standards stifle creativity but it is essential for developing stuff that fits together. Earlier, Mr Subhash Chander, Chairman of the Centre while delivering the welcome address stated that we should pay tribute to the collaborative efforts of the thousands of experts worldwide who developed the voluntary technical agreements that are published as international standards. Mr Sandeep Handa, Honorary Secretary of the Centre proposed the vote of thanks.



Gorakhpur

Mr Mahabir Prasad Kandoi, Committee Member of the Centre, in his theme lecture, mentioned that due to globalization, the local standards have lost their revelation. He further stated how Fourth Industrial Revolution due to digitisation, the growth of technology is exponential as compact to linear growth in the past three industrial revolutions. Mr Kandoi also highlighted the development of 3D Mapping, artificial intelligence, Nano-technology, Biotechnology etc. and change in standard throughout the globe and international standards.

Gwalior

The Chief Guest, Mr R Rathore from Jabalpur Local Centre told that today standards will once more play a key role in the transition to a new era. 'Innovators rely on International Standards, like those produced by IEC, ISO and ITU, to ensure compatibility and interoperability, so that new technologies can be seamlessly adopted', he added. Mr Prabhat Bhargawa, stated that the rapid pace of change brought by the Fourth Industrial Revolution has its challenges. Mr R K Khetan quoted that the Fourth Industrial Revolution has begun, but in order to seize its full potential for the betterment of society, standards are needed. Earlier, Maj Gen S C Jain inaugurated the session and stated that it is very important to know, understand and use International Standards. The programme ended with the vote of thanks proposed by Mr Vinay Kumar Shukla, Honorary Secretary of the Centre.



Kalaburagi

Dr G K Purohit, Adjunct Professor, Central University, Kalaburagi, graced the occasion as the Speaker who delivered lecture on the theme of the day. Mr Sugoora Subhash welcomed the guests and dignitaries. Mr M M Kadadi, Chairman of the Centre chaired the function. Mr Kashappa Vanjarkhed proposed the vote of thanks.



Kanpur

Mr A K Bera, Scientist 'F', Bureau of Indian Standards (BIS), Lucknow graced the occasion as Chief Guest. Mr Bera, in his speech, spoke on the theme of the day and highlighted the history and significance of observing the World Standards Day. Earlier, Prof D P Mishra, Chairman of the Centre welcomed the Chief Guest and other dignitaries present on the occasion. Mr Vivek Asthana, Honorary Secretary of the Centre extended the vote of thanks at the end of the function.



Kanyakumari

The Keynote Speaker, Mr S Natarajan, former Chief Engineer, Public Works Department explained the challenges brought by the Fourth Industrial Revolution. He further highlighted that in the future, robots and artificial intelligence will take over more and more tasks, previously done by humans. Earlier, Mr A Megalingam, Committee Member of the Centre delivered the welcome address. Mr V Sivathanu Pillai, presided over the function. Mr V Muthum Perumal, Honorary Secretary of the Centre proposed the vote of thanks.



Kota

Mr S C Agrawal, Past Chairman of the Centre graced the function as Chief Guest and addressed the gathering. Mr V S Bhatnagar, Joint Manager, DCM Shriram, Kota and Mr Amit Katara, Head - Safety, Shriram Rayons, Kota graced the occasion as Guest Speakers and spoke on the theme. Mr P K Jain, Former Chief Engineer participated as Guest of Honour. Earlier, Mr C K S Parmar, Chairman of the Centre welcomed the august gathering. Mr Jasamat Singh, Honorary Secretary of the Centre proposed the vote of thanks at the end of the programme.



Meerut

The Keynote Speaker, Mr Tushar Jain, Associate Professor, MIET, Meerut highlighted that the Fourth Industrial Revolution is the term used to commonly describe a paradigm shift proffered by a series of game-changing innovations that are changing the way products are manufactured and services delivered. On this occasion, Mr Ashutosh Mishra, Assistant Professor, SCRIET, Meerut explained about the Fourth Industrial Revolution applicable in the field of agriculture and stressed on the use of Computer and Mobile phones with the help of solar operated multi-purpose equipment. Mr Rajneesh Kumar, Honorary Secretary of the Centre conducted the programme and proposed the vote of thanks.



Mysore

Mr R Gopinath, Deputy Director, Ministry of Micro, Small and Medium Enterprises (MSME), Govt. of India, in his speech stated that International Standards are standards developed by International Standards Organizations. Earlier, Mr M Chinnaswamy Chairman of the Centre welcomed the august gathering. The function concluded with the vote of thanks proposed by Mr Dinesh Kumar D K, Convener of the Programme.



Palghat

The Guest Speaker, Mr Ramaswamy Krishnan, Software Developer, Microsoft India pointed out that fourth industrial revolution loosely refers to the spread of Internet and how it penetrated across the devices large and small. The immense potential of cloud computing and some concerns around it were also discussed by him. Mr A Kesavan, Chairman of the Centre presided over the function. Earlier, Dr E K K Nambiar, Honorary Secretary of the Centre introduced the Guest Speaker. Mr K Unnikrishnan, Honorary Joint Secretary of the Centre proposed the vote of thanks.



Roorkee

Prof M N Viladkar, Department of Civil Engineering, IIT Roorkee graced the occasion as Chief Guest and focused on adoption of BIS Codes and Standards in Rock Mechanics and Tunneling which are important to ensure Quality, Safety and Efficiency to attain excellence that gives customers confidence in the services. Earlier, Mr Malvinder Singh, Chairman of the Centre welcomed the august gathering and highlighted the significance of World Standards Day. Dr Achal K Mittal, Honorary Secretary of the Centre proposed the vote of thanks.

