

REPORT
World Standards Day 2019
October 14, 2019

Delhi State Centre of The Institution of Engineers (India) organized World Standards Day 2019 on October 14, 2019 at Institution's Premises. On this occasion, **Shri C S Prasad**, Former Director General, Central Public Works Department was the Chief Guest of the function. **Dr Srikanta Kumar Panigrahi**, Director General, Indian Institute of Sustainable Development delivered the Key-Note address. **Shri K K Mahajan**, Energy Management & Conservation Professional, PCRA & Industrial Consultant, M/S KSJT Technocrafts delivered the lecture.

Delivering the welcome address, Shri D Gill, Immdt Past Chairman, Delhi State Centre-IEI mentioned that World Standards Day (or International Standards Day) is celebrated internationally each year on 14 October. The day honours the efforts of the thousands of experts who develop voluntary standards within standards development organizations such as ASME, IEC, ISO, ITU, IEEE and IETF. The aim of World Standards Day is to raise awareness among regulators, industry and consumers as to the importance of standardization to the global economy.

14 October was specifically chosen to mark the date, in 1946, when delegates from 25 countries first gathered in London and decided to create an international organization focused on facilitating standardization. Even though ISO was formed one year later, it wasn't until 1970 that the first World Standards Day was celebrated.

This year's for celebration of World Standards Day 2019 is **Video standards create a global stage.**

Advances in video technology have changed our world, revolutionizing entertainment, connecting friends and families across the globe, enriching our communications experiences and enabling major improvements in medical care and education.

The innovation of recent decades has driven a huge leap forward in video quality. And video has also become more accessible, helping people worldwide to share their stories in vivid, moving pictures. These gains in both the sophistication and accessibility of video are built on International Standards.

The video compression algorithms standardized in collaboration by IEC, ISO and ITU have been honoured with two Primetime Emmy Awards, recognizing that these standards are central to industry's ability to meet rising demand for video, one of the most bandwidth-intensive applications running over global networks.

International Standards meet industry demand for powerful compression capabilities. They also enable smooth transitions to the next generation of video compression technology, helping industry to maximize return on each wave of investment.

Having standards recognized and respected all over the world means that video encoded on one device can be decoded by another, regardless of the device being used. This introduces economies of scale that help to grow the market, giving innovators the confidence to invest in new video applications and services.

Shri K K Mahajan, Shri K K Mahajan, Energy Management & Conservation Professional, PCRA & Industrial Consultant, M/S KSJT Technocrafts stressed on topic: Importance of Energy Efficiency In Today's Scenario & Usefulness of Energy Management ISO 50001 Energy management system, its specifications, purposes and aims. The United Nations Industrial Development Organization (UNIDO) 's Role to pursue the ISO to come out with an appropriate standard on Energy Management, Energy Conservation and Energy Efficiency , its importance & benefits to Industries /Organisations and the Nation at large, Benefits in terms of less Environmental Pollution ; Reducing the impacts of Global Warming and Climate Change , Help in reducing the import bill of the country on Imports of Crude Oil or other energy resources, The ISO 50001 Energy Management System ; History ; Structure ; Its Chapters ; its History ; Adoption Methodology ; Certification .

Dr S K Panigrahi, DG, IISD apprised that Video is the modern medium of expression. Advances in the technology have changed our world, revolutionizing entertainment, connecting friends and families across the globe, enriching our communications experiences and enabling major improvements in medical care and education.

The innovation of recent decades has driven a huge leap forward in video quality. And video has also become more accessible, helping people worldwide to share their stories in vivid, moving pictures. These gains in both the sophistication and accessibility of video are built on International Standards.

Chief Guest of the function Shri C S Prasad, Former DG, CPWD apprised about world without Videos and its applications deeply woven in our everyday life. Further he stated about Recent inventions has brought in number of Recording, Storing and Processing Technologies. Mobile/Smart Phone revolution brought the Video Camera and Video into the hands of every individual. Today, application of video has spread into many areas like Education, Healthcare, Gaming, Surveillance etc. Technologies like Augmented Reality and Virtual Reality are taking the applications of video to the next level by providing immersive experience to user. Video is the Modern Medium of Expression

Advances in Technology have changed world Revolution in Entertainment Field Connection with friends and families across the globe have enriched our communications Enabled major improvements in Medical- care, surveillance, Security-both Internal and External and various areas of Education and Research. The innovation of recent decades - a huge leap forward in Video Quality. Video become more Accessible, Helping people worldwide to share their stories in vivid, moving pictures, These gains - Both the Sophistication and Accessibility of video made possible due to Common International Standards. Survival will be difficult without Watching Television for our favourite News channel, Reality show, Sports, or YouTube, Netflix, Amazon prime and Many more.

Shri Jitendra Kumar Sharma, Honorary Secretary, The Institution of Engineers (India), Delhi State Centre coordinated the event and proposed the vote of thanks.

Nearly 40 members, guests and invitees attended the function.

