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### MESSAGE

The Institution of Electronics and Telecommunication Engineers (IETE) celebrates its **Foundation Day**, every year, on 2<sup>nd</sup> of **November** at the HQs and all its centres across the country. Foundation Day is very special to the entire IETE fraternity as this is a chance to reflect not only on the beginnings of the Institution and its founders, but also on the significant developments since the Institution's inception. It is a day to celebrate our history and revisit and reconnect with the continuing journey of the Institution. On this significant day we memorize and express our deepest honor to the Founding Fathers for their committed, resilient and dedicated endeavors to make their vision turn into a reality and pledge to take their efforts, towards the development of the Institution, further, with our earnest hard work.

Friends as you all know the outbreak of novel coronavirus has created an unprecedented situation around the world. This is the first viral outbreak of this nature and scale in our lifetime. Considering the present situation we have decided to celebrate our **67<sup>th</sup> Foundation Day** on the theme "**Emerging Technologies for Effective Management of the Pandemic**" on 2<sup>nd</sup> Nov 2020. The emerging technologies are playing a crucial role in disaster management. Agencies can quickly get precise positions of locations to undertake relief and rehabilitation efforts accordingly. Smartphone-based application software is developed and used to identify the movement of people and resources and even to determine if they are in contact with an infected individual. The software is used to model and optimize the supply chain with the latest algorithms. However, this needs an upgraded telecommunication infrastructure to offer 5G functionality. Molecular technologies with supercomputing facilities are trying to deliver the vaccine as early as possible. The COVID-19 pandemic has to be fought on the war level, with the latest technological innovations.

I appeal to all IETE centres to celebrate the 67<sup>th</sup> Foundation Day with vigor and enthusiasm. I am sanguine that it will provide an effective platform to scientists and engineers to discuss, deliberate, understand, educate and spread awareness on how the digital technologies such as artificial intelligence, big data, molecular biology, Internet of things, cloud computing, blockchain, additive manufacturing, 5G, and many more of such technologies are effectively improving the efficiency of the global efforts in epidemic monitoring, virus tracking, prevention, control, treatment, resource allocation, and vaccine development.

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