



IETE

Since 1953
In the Service of the Nation

**Prof. (Dr.) J. W. Bakal, President
and Members of the Governing Council of
The Institution of Electronics and Telecommunication Engineers (India)**

cordially invite you online to the

67th IETE Foundation Day – 2020

Evening Symposium on the theme

**“Emerging Technologies for Effective Management of the Pandemic”
at 1700 hrs on Monday, 02 November 2020**

Venue and Registration:

Online on CISCO WebEx Meeting Platform

(CISCO WebEx Login Credentials shall be sent to the registered participants on their E-Mail ID, a day in advance. Interested participants must register in advance by scanning the QR Code)



(Scan to register to attend the symposium)

Chief Guest

Prof. K. K. Aggarwal

Chairman, National Board of Accreditation (NBA), New Delhi
Former Founder Vice Chancellor, GGSIP University, New Delhi

Mr. Pankaj Kumar Sharma
Secretary General

Prof. M. N. Hoda, Chairman
Technical Programmes & Publicity Committee

RSVP
(M) 9212022066

Programme overleaf

Programme

Monday, 02nd Nov 2020

1700 hrs Login, Online Networking and Tea at Home

1730 hrs **Welcome Address**

- Prof. M. N. Hoda, Chairman, TPPC, IETE

Presidential Address

- Prof. (Dr.) J. W. Bakal, President, IETE

Invited Talks

- **“Use Cases of 5G in today’s world”** by Ms. R. Ezhir Pavai, Vice President (Wireless Service Line), Altran (Gurugram)
- **“IOT Technology & its Use Cases for Pandemic”** by Mr. Anil Pathak, Director (**Engineering**), Harman (Gurugram)
- **“Digital Twin: defining future of manufacturing in the post COVID-19 world”** by Mr. Subhankar Pal, Assistant Vice President (Research & Innovation), Altran (Gurugram)

Address by the Chief Guest

- Prof. K. K. Aggarwal, Chairman, NBA, New Delhi

Felicitation of Senior Members of IETE

2000 hrs **Vote of Thanks**

- Mr. Pankaj Kumar Sharma, Secretary General, IETE

Participants shall also get e-certificate at the end of the symposium.

Abstract of the Invited Talks

Use Cases of 5G in today’s world - 5G can help the future to help in more than one way in difficult times like COVID-19. Right from using devices which require low latency applications to very high bandwidth to having large number of connected devices, 5G can help pave the way for the new normal world. Some of these use cases specially from Indian context and how it will help us with a better world will be discussed.

IOT Technology & its Use Cases for Pandemic - IOT Technology can be of immense use in effectively managing pandemics like COVID-19 specially in detection, contact tracing, cluster identification, compliance of quarantine, patient and elderly care. Some of these use cases will be discussed.

Digital Twin: defining future of manufacturing in the post COVID-19 world - Digital twin is a digital replica of physical asset, system or process across its lifecycle, for enabling the understanding, learning, reasoning and dynamically recalibrating for improved decision making in real time and drive positive business outcome. The talk will present how digital twin technology is setting the new normal for manufacturing industry and helping to maintain business continuity during this pandemic without putting employees at risk, by enabling remote operation in the factory, remote monitoring of critical processes for quality control, virtual training of new systems, etc. though rich immersive experience and real-time data analytics.