



NATIONAL APEX CHAMBER

# TELECOM SUMMIT 2020

## 5G Technology: *Forging ahead into a Smarter India*

*January 21, 2020 at Vigyan Bhawan, New Delhi*



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## CONCEPT & BACKGROUND

The Indian Telecom Sector has experienced a major process of transformation in terms of its growth, technological content and market structure in the last decade through policy reforms introduced by Government of India. Active participation of the private companies, foreign direct investment, sequence of reform measures initiated by the Government and wireless technology- played an important role in phenomenal growth of the sector in the country.

5G is the new promise of telecom industry today as it has potential to transform the world. 5G will have an impact on how organizations think, work and serve their customers. It will allow new innovations to flourish. The objective is to position India as a globally synchronized participant in the Design, Development and Manufacturing of 5G based technologies, products and applications.

5G is expected to also add various service dimensions beyond the traditional voice and data through enabling technologies like Internet of Things (IoT), Artificial Intelligence (AI), Robotic Process Automation (RPA), Augmented Reality/Virtual Reality (AR/VR) etc. It will help cater to the need for connectivity and for providing differentiated services to niche market segments as well as customers. 5G could be the answer to the digital aspirations harboured by the industry and our society.

Considering the importance of the theme, **PHD Chamber of Commerce & Industry is organizing the Telecom Summit 2020 '5G Technology: Forging ahead into a Smarter India' on January 21, 2020 at Vigyan Bhawan, New Delhi.** This will bring together the key stake holders - business users - face to face with service providers, technology vendors, app and content players and policy makers for brainstorming, networking and partnering to understand, adopt and leverage 5G and all else that it promises to bring to the table.

India is establishing itself as a major presence in the digital economy. By any number of key metrics, from internet connections to app downloads, both the volume and the growth of its digital economy now exceed those of most other countries. Government and the private sector are moving rapidly to spread high-speed connectivity across the country and provide the hardware and services to put Indian consumers and businesses online. And 5G technology will further enhance this and help in the major societal transformation in India.



## OBJECTIVES

- To empower the telecom industry professionals with the necessary knowledge, skills and business insights
- To enable high-speed data services that have industry applications.
- To facilitate the ecosystem for the Internet of Things (IoT) by enabling smart devices to exchange data seamlessly.
- To help incorporate Artificial Intelligence (AI) in our daily lives.
- To provide uniform, uninterrupted and consistent connectivity.
- To formulate awareness and consensus on the issues underlying the theme.
- To support a much larger range of applications and services, including driverless vehicles, tele-surgery and real time data analytics.
- To be able to access high-bandwidth multi-media like HD Videos, movies and games.

## TOPICS OF DISCUSSION

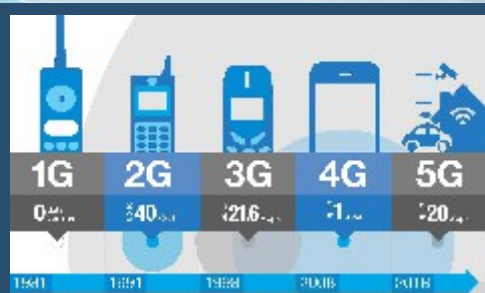
- Impact of 5G on the economy and social development of the country
- 5G Technology: Issues , Challenges and Opportunities
- Infrastructure for 5G
- Evolution of mobile communication networks: 1G to 5G
- 5G Potential- Industry & Government's perspective

## TAKE AWAYS

- Understanding the high resolution and bi-directional large bandwidth shaping.
- Opportunity to learn on how 5G will transform lives in India.
- Insights on the new VR/AR/ IoT/ AI applications unlock the space age economy powered by 5G.
- Learning about the ultra-reliable and low-latency communications of 5G.
- Latest trends, challenges and opportunities in the 5G technology in India.
- Latest thinking from senior industry and policymakers from government on the evolution of 5G in India.
- Networking opportunity with the stalwarts from the telecom industry.

## PARTICIPANTS PROFILE

- Ministry of Communications and Information Technology
- Telecom Operators & Telecom Service Providers
- Internet Service Providers
- Telecom Vendors and Handset Manufacturers
- Consumer Electronics/IT / Mobile Retail Chains/ Showrooms
- Government Officials/PSU's
- Head –IT/CTO/ CIO/ Purchase Heads/MIS/ Networking personnel
- Online Commodity trading firms
- TRAI/TCIL/BBNL/MTNL/BSNL
- Broadcast Equipment Manufacturers
- Value Added Service Providers
- Internet ICT Associations
- Network Engineering/ Telecom Engineers/ Procurement personnel
- IT Hardware and software companies
- Airline & Airport Management/ Online travel portals and hotel reservation networks
- Hotels/ Hospitals/ Banks
- IT Parks and Start-ups
- Business Strategy/Sales Development
- Mobile Internet Device Manufacturers
- Telecom Consultants/ Industry Associations
- Software / Content Providers
- Telecom Regulatory Bodies
- Network Infrastructure & Hardware Providers e





## Glimpses of Previous Programmes



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