

# 5G TECHNOLOGY INDUSTRY 2020

*5G Powering 4th Industrial Revolution*

**10-11 September 2020 | Real-Time - Immersive - Virtual Training**

The next mobile telecommunications technology after LTE is 5G (5th generation mobile networks) technology. This workshop begins with the overview of the evolution of cellular technologies and motivation for 5G followed by the discussion of key technical requirements for 5G. The 5G standardisation timeline and use cases are also presented. The course then dives into the key enabling technologies for 5G, which include the air interface technologies. Air interface technologies cover the millimeter wave, massive MIMO, network densification & Cloud computing. The 5G course ends with a peek into the business impact of 5G, 5G vision, and 5G initiatives around the world. The second session will include Smart Cities, Smart Farming and Smart Manufacturing, with an Introduction of IoT and its applications, Concepts & definitions of The Internet of Things (IoT), history and applications of IoT and IoT standards. The course will then dive into IoT benefits powered by 5G with real use cases.

## **Benefits of Attending**

- **Have a thorough understanding of the benefits of 5G basic concepts**
- **Gauge and learn the features of the 5G technology in various discussions**
- **Gain a good understanding of the idea behind the technology**
- **Learn & apply the ways where they can apply 5G technology in their lives.**
- **Study new ideas and perspectives on how 5G can help boost the country's economy and business enterprise**

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