

# MYTHS AND REALITIES OF 5G IN INDIA



**ARVIND MAYARAM**  
FORMER FINANCE SECRETARY OF INDIA  
AND ECONOMIC ADVISOR TO THE  
CHIEF MINISTER OF RAJASTHAN



**AROGYASWAMI PAULRAJ**  
PROFESSOR EMERITUS  
DEPARTMENT OF ELECTRICAL ENGINEERING  
STANFORD UNIVERSITY



**KIRTI GUPTA**  
VICE PRESIDENT - TECHNOLOGY &  
ECONOMIC STRATEGY, QUALCOMM



**VIKRAM TIWATHIA**  
DEPUTY DIRECTOR GENERAL, CELLULAR  
OPERATORS ASSOCIATION OF INDIA



**T. V. RAMACHANDRAN**  
PRESIDENT  
BROADBAND INDIA FORUM



**DEEPAK MAHESHWARI**  
PUBLIC POLICY CONSULTANT AND  
SENIOR VISITING FELLOW, ICRIER



**UDAI S MEHTA**  
DEPUTY EXECUTIVE DIRECTOR  
CUTS INTERNATIONAL

CUTS conducted a consumer survey in Delhi, in order to gauge consumers perceptions and expectations from 5G. The findings brought forth three prevailing myths from the perspective of the consumers, which have been given below.

1. 5G is only about enhanced speed: 5G will unlock novel use cases for consumers based on its characteristics of eMBB, uRLLC and mMTC. These include: ultra-high definition video streaming, real time AR and VR, cloud gaming, health monitoring system/ tele-health, smart grids, expansion of Internet of Things (IoT) use cases to smart consumer wearable, smart homes, smart cities etc.
2. 5G enabled services are coming to India soon: Commercial roll-out of 5G in India's does not seem likely this year, on account of the weak financial position of India's telecom sector, 4G itself being at a nascent stage in India, country specific use cases are yet to be developed, unaddressed spectrum allocation issues etc.
3. Once available, 5G will replace 4G altogether and fast: 5G and 4G are likely to co-exist in the near future as building a dense network for 5G is expensive and time consuming, making its reach unevenly spread across geographies. Due to this, interworking 5G with 4G may become imperative in the early stages.

The panel discussion as part of the webinar would focus on the myths/realities.

**RSVP:**

Sidharth Narayan; sid@cuts.org; +91 9810064675  
Akshay Sharma; aks@cuts.org; +91 9602337366

The webinar will be organised on Zoom platform.  
The meeting link will be shared with the registered participants only.

To register: <https://bit.ly/2VtbhMH>