

**GOVERNMENT OF INDIA  
MINISTRY OF COMMUNICATIONS  
DEPARTMENT OF TELECOMMUNICATIONS**

**LOK SABHA  
UNSTARRED QUESTION NO.5305  
TO BE ANSWERED ON 28<sup>TH</sup> MARCH, 2018**

**5G TEST BED**

5305. SHRI ANTO ANTONY:

Will the Minister of COMMUNICATIONS be pleased to state:

- (a) whether the Government proposes to set up test bed facilities for a Fifth Generation (5G) communication network in the country;
- (b) if so, the details and the salient features thereof; and
- (c) the steps taken/being taken by the Government in this regard?

ANSWER

**THE MINISTER OF STATE (IC) OF THE MINISTRY OF COMMUNICATIONS &  
MINISTER OF STATE IN THE MINISTRY OF RAILWAYS  
(SHRI MANOJ SINHA)**

(a) to (c): The Government has approved financial grant for the project to set up 'Indigenous 5G Test Bed' in India by Indian Institutes of Technology (IITs) and Indian Institute of Science (IISc). The eight collaborating institutes in the project are Centre of Excellence in Wireless Technology (CEWiT), IIT Bombay, IIT Delhi, IIT Hyderabad, IIT Madras, IIT Kanpur, IISc Bangalore and Society for Applied Microwave Electronics Engineering & Research (SAMEER). The project envisages setting up of end-to-end Open 5G Test Bed for Indian companies & academia in distributed architecture model. The proposed test bed is likely to enhance national capability in telecom technology, develop indigenous Intellectual Property (IP) and give fillip to Indian telecom manufacturers. The duration of the project is 3 years and total budget involved is Rs 224.0166 Crore.

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