

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

**LOK SABHA  
UNSTARRED QUESTION NO. 2666  
TO BE ANSWERED ON 10<sup>TH</sup> MARCH, 2021**

**READINESS FOR 5G NETWORK AND SERVICES**

†2666. SHRI VISHNU DATT SHARMA:

Will the Minister of COMMUNICATIONS be pleased to state:

- (a) the time by which 5G network will be launched in the country; and
- (b) the steps taken/proposed to be taken by the Government to make convenient software, Internet-of-things devices, mobiles and other related hardwares in the country in order to enable the country to capitalise on the 5G network?

ANSWER

**MINISTER OF STATE FOR COMMUNICATIONS, EDUCATION AND  
ELECTRONICS & INFORMATION TECHNOLOGY  
(SHRI SANJAY DHOTRE)**

(a) & (b) The Department of Telecommunications has not initiated the process of rolling out 5G network as yet. However, steps have been initiated for trials of India specific 5G applications and use cases. The Government has, inter-alia, taken following steps to facilitate 5G services:

- (i) Department of Telecommunications has in March, 2018 approved a multi-institute collaborative project to set up indigenous 5G Test Bed at a total cost of Rs. 224 crores. The collaborating institutes includes IIT Madras, IIT Delhi, IIT Hyderabad, IIT Bombay, IIT Kanpur, IISc Bangalore, Society for Applied Microwave Electronics Engineering & Research (SAMEER) and Centre of Excellence in Wireless Technology (CEWiT). The project envisages setting up of an end-to-end open 5G Test Bed in a distributed architecture model. The project will enable Indian academia and industry to validate their products, prototypes and algorithms. It will also provide facilities for experimenting and demonstrating 5 G applications/ use cases.
- (ii) Notified Production Linked Incentives Schemes for Telecom and Networking Products manufacturing, Large Scale Electronics Manufacturing and IT Hardware that includes Mobile phones, 4G/5G telecom products, internet of things, IT Hardware etc.

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