

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

**LOK SABHA  
STARRED QUESTION NO. 466  
TO BE ANSWERED ON 25<sup>TH</sup> MARCH, 2026**

**GROWTH OF BHARAT 6G ALLIANCE**

**\*466. SHRI BIDYUT BARAN MAHATO:  
SHRI RODMAL NAGAR:**

Will the Minister of COMMUNICATIONS be pleased to state:

- (a) whether the Bharat 6G Alliance has successfully grown to include over 84 member organizations as of March 2026 and if so, the details thereof;
- (b) the manner in which Rs. 1 Lakh-crore Research Development and Innovation (RDI) Fund has accelerated frontier research in AI-native networks and satellite-terrestrial integration;
- (c) the specific milestones achieved by the seven 6G Working Groups in finalising the National Spectrum Roadmap;
- (d) whether the Government has successfully demonstrated the indigenous 6G testbed capable of terabits-per-second data speeds and if so, the details thereof; and
- (e) the manner in which Anusandhan National Research Foundation (ANRF) is supporting startups in developing patents for 6G architecture and Radio Frequency (RF) sensing frameworks?

**ANSWER  
MINISTER OF COMMUNICATIONS AND DEVELOPMENT OF NORTH EASTERN  
REGION  
(SHRI JYOTIRADITYA M. SCINDIA)**

- (a) to (e) A statement is laid on the Table of the House.

**STATEMENT IN RESPECT OF PARTS (a) TO (e) OF THE LOK SABHA STARRED QUESTION NO. 466 FOR 25<sup>TH</sup> MARCH, 2026 REGARDING “GROWTH OF BHARAT 6G ALLIANCE.”**

(a) The Bharat 6G Alliance (B6GA), an industry and academia-led society, has 85 members as of 15<sup>th</sup> March 2026. These members represent a broad and diverse ecosystem comprising telecom service providers, telecom equipment manufacturers, startups, research and development institutions, academia and other stakeholders from the telecom sector. The Alliance serves as a collaborative platform for various stakeholders to work together towards innovation, standardisation and development of indigenous 6G technologies, in alignment with the Bharat 6G Vision announced by the Government of India.

(b) The Government has announced the ₹1.0 lakh crore Research, Development and Innovation (RDI) Scheme to provide long-term financial support for undertaking research and innovation in critical and emerging technology areas vital for national development and global competitiveness. The Department of Science and Technology is the nodal department for implementation of RDI Scheme. The scheme aims to catalyse private sector investment in research and development and support innovation in key domains such as —

- (i) energy security and energy transition and climate action;
- (ii) deep technologies, including quantum computing, robotics and space technologies;
- (iii) artificial intelligence and advanced digital technologies;
- (iv) biotechnology and medical devices; and
- (v) digital economy, including areas such as digital agriculture.

(c) One of the seven working groups on ‘spectrum’ constituted by the Bharat 6G Alliance has published a report titled “Spectrum Roadmap For 6G in India”. Further, the Department of Telecommunications, after consultation with stakeholders including the Bharat 6G Alliance, has released Spectrum Roadmap for 6G services, which can be accessed online at <https://www.dot.gov.in/static/uploads/2026/02/092d793d6ea912a5dd79bf0c26ea1a84.pdf>.

(d) A project for the establishment of a 6G terahertz testbed at Society for Applied Microwave Electronics Engineering and Research (SAMEER), Kolkata, an autonomous research and development body under the Ministry of Electronics and Information Technology by a consortium consisting of SAMEER and three other members, namely, Indian Institute of Technology (IIT) Madras, IIT Guwahati and IIT Patna, has been approved from the Telecom Technology Development Fund under Digital Bharat Nidhi. Under this project, a high data-rate line-of-sight link was demonstrated in the India Mobile Congress 2025, achieving a data rate of 6,400 megabytes per second over a 270 gigahertz wireless link.

(e) The Anusandhan National Research Foundation (ANRF) has been established through an Act of Parliament, under the Department of Science and Technology, to provide high-level strategic direction for research, innovation and entrepreneurship across diverse fields of science and engineering. It is designed to support research institutions and innovation ecosystems through funding programmes, innovation grants and incubation support, with the objective of promoting development of advanced technologies.

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