

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

**LOK SABHA
UNSTARRED QUESTION NO. 2925
ANSWERED ON 17TH DECEMBER, 2025**

BHARATNET PHASE-I AND PHASE-II

2925. SHRI K E PRAKASH:

Will the Minister of COMMUNICATIONS be pleased to state:

- (a) the details of original targets assigned under BharatNet Phase-I and Phase-II and the extent to which these targets have been achieved till now; and
- (b) whether it is a fact that Phase-I's reliance on legacy BSNL fibre led to poor network quality, frequent downtimes and difficult fault-localisation and if so, the corrective measures being adopted to upgrade the network architecture and improve reliability?

ANSWER

**MINISTER OF STATE FOR COMMUNICATIONS AND RURAL DEVELOPMENT
(DR. PEMMASANI CHANDRA SEKHAR)**

- (a) BharatNet is being implemented in a phased manner to provide broadband connectivity to all Gram Panchayats (GPs). The total number of GPs undertaken under BharatNet Phase-I and Phase-II are 2,22,341 GPs, out of which 2,14,904 are Service Ready.
- (b) Reliability of BharatNet network was low due to its predominantly linear structure. A revised implementation model has been worked out and Amended BharatNet Program (ABP) has been approved by the Union Cabinet with the following features to upgrade the network architecture and improve reliability.
 - (i) Creation and Upgradation of BharatNet network in ring architecture
 - (ii) Operations & Maintenance of the entire network based on Service Level Agreement (SLA)
 - (iii) Single Project Implementation Agency (PIA) for construction and O&M of the network in a Package
 - (iv) Dedicated Network Operation Centre
 - (v) Remote Fiber Monitoring System
