



BHARAT BROADBAND NETWORK LIMITED

BharatNet

High Speed Broadband सभी के लिए

For the ambitious programme of Digital India, BharatNet works as the very backbone. BharatNet has been created to provide broadband connectivity to 2.5 lakh Gram Panchayats in the country, using optical fibre. The entire project is being funded by Universal service Obligation Fund (USOF), which was set up for improving telecom services in rural and remote areas of the country. The objective is to facilitate the delivery of e-governance, e-health, e-education, e-banking, Internet and other services to the rural India. As an enabler, BharatNet will make it possible to take Internet and telecommunication services to every nook and corner of the country.

The project is a Centre-State collaborative project, with the States contributing free Rights of Way for establishing the Optical Fibre Network.

The enabler of change

BharatNet forms the first pillar of Digital India Programme and has a critical importance towards achieving its mission. The Digital India programme has the mission to prepare India for a knowledge future by making technology central to enabling change.

Magnitude and dimensions of the operation

- World's largest rural broadband connectivity project through optical fibre
- All 2.5 lakh Gram Panchayats in India to be connected through optical fibre
- Minimum 100 Mbps bandwidth at each Gram Panchayat
- High Capacity Network Management System and Network Operation Centre
- BharatNet to be non-discriminatory access infrastructure for all Service Providers



Touching every sphere, every life

BharatNet plays a crucial role in the digital revolution that is sweeping through every sphere of life – education, business, entertainment, environment, health and e-governance services.



e-Governance Services:

Land records, Birth/Death certificates, Aadhaar-based services, NREGA etc.



e-Healthcare: Online medical consultations, medical records, medicine supply; pan-India exchange of patient information etc.



e-Education: Delivery of quality education in all schools at village level



Public Internet Access: Availability of Internet services to villages; delivery of Internet based services by common service centres



e-Commerce: Rural banking through online transactions and ATMs; Online purchases and online transactions for utilities like railway bookings, electricity bill payments etc.; Online selling of rural goods etc.



Employment Generation: Large scale employment generation through operation and maintenance activities, BPO services and Rural Entrepreneurship etc.



Knowledge Dissemination: a, productivity techniques; Small enterprises, vocational learning, Delivery of services including Health, Education and Finance, etc.; Single point of Government to citizen interaction for Centrally sponsored/Central sector/ State sponsored schemes; Grievance redressal.



Panchayat Management: Gram Sabha meetings, village records, updating of citizen databases and effective performance monitoring of Panchayats.



Community Participation: Intra-village, intra-district sharing of practices and resources. Communication with Blocks and District.



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