



## A study of Digital India Scheme – BharatNet under BSNL in Patna

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Received : November 2018

Accepted : March 2019

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**Abstract :** *This research is on the study of Digital India scheme – BharatNet how it has affected the lives of rural people, how it has brought changes in the way high-speed broadband connectivity is being delivered to rural areas. The study analyses the influence of the BharatNet scheme in the delivery of high-speed broadband connectivity in rural areas. The intent of this study is focused on how this scheme is transforming the field of education, health, governance and banking to e-education, e-health, e-governance and e-banking in rural areas. The main purpose of this research is*

*to study about the implementation of BharatNet scheme in rural areas of Patna and what are the challenges being faced during the implementation of this scheme. The main objective of our study is to analyse the implementation of BharatNet scheme in rural areas of Patna and how rural people are being digitally empowered by this scheme.*

**Keywords:** *BBNL: Bharat Broadband Network Limited, NOFN: National Optical Fiber Network, GPON: Gigabit Passive Optical Network, USOF: Universal Service Obligation Fund.*

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### **Introduction :**

BharatNet is a project of national importance to establish a highly scalable network infrastructure accessible on a non-discriminatory basis, to provide on demand affordable broadband connectivity of 2 Mbps to 20 Mbps for all households and on demand capacity to all institutions, to realize the vision of Digital India, in partnership with states and the private sector. Bharat Net broadband is a base for Prime Minister Narendra Modi's project — Digital India.

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.