

**GOVERNMENT OF INDIA
COMMUNICATIONS AND INFORMATION TECHNOLOGY
LOK SABHA**

UNSTARRED QUESTION NO:1165
ANSWERED ON:21.03.2012
BAHKHAUL TECHNOLOGY
Bajwa Shri Partap Singh

Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

- (a) whether the Bahkhaul technology is being used in telecom and information technology sector in the country;
- (b) if so, the details thereof;
- (c) whether India has developed sufficient Bahkhaul technology to meet the increasing demands;
- (d) if so, the details thereof; and
- (e) the steps taken by the Government to use the Bahkhaul technology and increase optical fibre network penetration, particularly in rural areas?

Answer

THE MINISTER OF STATE IN THE MINISTRY OF COMMUNICATIONS AND INFORMATION TECHNOLOGY (SHRI MILIND DEORA)

(a) & (b) Yes Madam, the Backhaul technology is used in telecom and information technology sector including mobile and broad band services. The available backhaul technology uses optical cable, radio and satellite system.

(c) to (e) The backhaul technology using radio and satellite system, presently operates in different frequency bands such as, 6,7,11,13,15,18 & 22 GHz etc. These technologies are extensively deployed various service providers.

The Government is implementing the National Optical Fiber Network (NOFN) scheme for providing backhaul connectivity to village Panchayats by extending the existing optical fiber network utilizing the universal Service Obligation Fund (USOF).