

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

UNSTARRED QUESTION NO:4345
ANSWERED ON:02.05.2012
GIGABYTE PASSIVE OPTICAL NETWORK
Venugopal Shri P.

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

- (a) whether the Centre for Development of Telematics (C-DoT) has transferred indigenously developed Gigabyte Passive Optical Network (GPON) to seven telecom equipment manufacturers;
- (b) if so, the details thereof;
- (c) whether the GPON has boosted or is likely to boost broadband connectivity and also for the purpose of voice, video and data;
- (d) if so, the details thereof; and
- (e) the manner in which the technology has helped in expansion of broadband and telecom facilities in the country?

Answer

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

- (a) & (b) Madam, Centre for Development of Telematics (C-DoT) has transferred indigenously development Gigabyte Passive Optical Network (GPON) to seven telecom equipment manufacturers namely M/s Bharat Electronics Limited, M/s Indian Telephone Industries, M/s UTL, M/s S.M. Creative, M/s V.M.C. System Limited, M/s Sai Info Systems Limited and M/s HFCL.
- (c) to (e) GPON is one of the technologies which can be used for extending broadband connectivity for providing triply play services i.e. voice, video and data. It is one of the building blocks for broadband connectivity. Being indigenously developed and manufactured also, it can help in putting up a sound ecosystem for increasing broadband penetration in the country.