

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

UNSTARRED QUESTION NO:6057
ANSWERED ON:03.05.2010
SHORTAGE OF PROFESSIONALS IN IT SECTOR
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Will the Minister of COMMUNICATIONS AND INFORMATION TECHNOLOGY be pleased to state:

- (a) whether there is any shortage of professionals in Information Technology (I.T.) Sector in the country;
- (b) if so, the details thereof; and
- (c) the steps taken/being taken by the Government in this regard?

Answer

MINISTER OF STATE FOR COMMUNICATIONS AND INFORMATION TECHNOLOGY (SHRI SACHIN PILOT)

(a) and (b): The Information Technology Industry has indicated the importance of availability of trained personnel for this sector.

The assessment of manpower requirement in the Information Technology sector is a continuous process. The issue of manpower requirement is not as much about the institutional seat availability and output as about the nature of skills and training provided in these institutions.

(c): The initiatives for development of human resource in the Information Technology inter alia include the following:

Government has approved the National Mission on Education through Information and Communication Technology as a Centrally Sponsored Scheme to leverage the potential of ICT, in teaching and learning process for the benefit of all the learners in Higher Education Institutions in any time any where mode.

Government has set up four Indian Institutes of Information Technology (IIITs). A proposal to set up twenty (20) new IIITs mostly in Public Private Partnership mode is under consideration of the Government.

The Government has taken steps to set up a high speed (of gigabit capabilities) National Knowledge Network (NKN) to interconnect institutions of higher learning. NKN aims to facilitate creation, acquisition and sharing of Knowledge resources among Universities, Libraries, Laboratories, Hospitals and Agricultural Institutions across the country.

Further, the Department of Information Technology (DIT) has also taken initiatives which are primarily directed towards capacity building in certain niche areas to meet the emerging needs of knowledge-based industry complementing the efforts of the Ministry of Human Resource Development (MHRD). In line with this, the efforts of DIT include:

Projects in the area of Information Security and VLSI design.

Scheme of Manpower Development for Software Export Industry.

Government has approved setting up of new DOEACC centres/ Regional Institutes of e-Learning and Information Technology (RIELIT).

In addition, two societies of DIT viz. Centre for Development of Advanced Computing (CDAC) & DOEACC Society are engaged in providing training in the formal & non-formal sectors of Information, Electronics and Communication Technology (IECT) through their various centres, franchisees/ accredited centres in the country.

Under the National Skill Development Policy announced by the Government, the DIT has been given a target to train 10 million persons by the year 2022 for providing IT skills by scaling up the operations of its societies viz. CDAC and DOEACC Society.