

**GOVERNMENT OF INDIA
HUMAN RESOURCE DEVELOPMENT
LOK SABHA**

UNSTARRED QUESTION NO:3657
ANSWERED ON:16.05.2006
UPGRADATION OF TECHNICAL EDUCATION
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Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

- (a) whether IT association NASSCOM has been emphasizing the urgent need for educational institutions to prepare their students adequately for the job markets;
- (b) if so, the details thereof; and
- (c) the specific measures are being taken by the Government to upgrade technical education?

Answer

MINISTER OF STATE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (SHRI M. A. A. FATMI)

(a) : Yes, Sir.

(b) : For extending India`s leadership in the IT and BPO industries, the NASSCOM Report has mentioned the following :

- 1 The global ITeS & IT market (off-shored & domestic) was \$ 1184 billion in 2002.
- 2 Market expected to grow by 11-12% from 2003 to 2012.
- 3 India`s share of global ITeS & IT market could increase from 0.8% in 2002 to 4.4% in 2012, resulting in revenue generation of US \$ 128 billion by 2012.
- 4 Total manpower requirement / employment generation estimated at 4to 6 million people.

(c):

(i) The Ministry of Human Resource Development has launched in December, 2002 the `Technical Education Quality Improvement Programme of Government of India (TEQIP)` which aims to improve quality of technical education and enhancing existing capacities of the institutions. The Central Plan component of TEQIP is Rs.350 crores. In the first and second cycle of the programme, 114 State institutions and 18 Centrally Funded institutions are participating. The programme will benefit 10,000 graduating students each year by imparting superior skills and training and will also enhance the professional development of 1,000 teachers.

(ii) After the successful completion of Technician Education I & Technician Education II projects launched in the Country with the assistance of World Bank, for upgradation of Polytechnics in the country, the Government has launched another project called `Technician Education III` with the assistance of the World Bank to expand capacity and improve the quality and efficiency of technician education to meet the specific economic needs of each States. The project has three main components, namely - Capacity expansion, Quality improvement and Efficiency improvement.

(iii) For upgradation of promising institutions to the level of IITs, the following seven institutions have been identified for upgradation :

- (1) Institute of Technology, Banaras Hindu University, Varanasi;
- (2) University College of Engineering combined with the University College of Technology, both belonging to Osmania University, Hyderabad;
- (3) Bengal Engineering College, Howrah;
- (4) Jadavpur University`s Engineering & Technology Departments;
- (5) Zakir Hussain College of Engineering. Aligarh Muslim University. Aligarh;
- (6) Andhra University College of Engineering. Vishakhapatnam; and
- (7) Cochin University of Science and Technology, Cochin. To start with the upgradation programme, funds have been allotted to the

Institutes during 2006-07.

(iv) The Government has also enhanced allocation of both Plan and Non Plan grants to the centrally funded technical institutes for upgrading technical education.