

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

UNSTARRED QUESTION NO:897  
ANSWERED ON:29.11.2005  
BRAIN -DRAIN  
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**Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:**

- (a) whether the country is losing its talents produced by Government managed IITs and Medical Colleges to the Western countries;
- (b) if so, the whether Government has any plan to impose restrictions on the students getting their education from such institutions;
- (c) if so, the details thereof;
- (d) whether the Government has assessed the loss suffered by the nation when an Indian talent goes abroad to work; and
- (e) if so, the details of action being taken / proposed to be taken in this regard?

**Answer**

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

(a) to (e): It is a fact that students from IITs and Medical Colleges do go abroad for higher studies / employment. However, record of students leaving the country is not maintained by the Ministry. In the present scenario of globalization and liberalization, the movement of technical personnel across the national boundaries is not only inevitable but in many cases could give positive benefits to the country. It is considered neither feasible nor desirable to put in place a regulatory framework to prevent the movement abroad of qualified engineers and technocrats.

Several measures have been taken from time to time by the Government to minimize the outflow of professionals from various fields and also to attract Scientists and technologists settled abroad to return to India. Some of these measures are: -

- (i) Setting up of more centres of excellence/advanced studies in the universities and academic institutions.
- (ii) Science and Technology based training for entrepreneurial development.
- (iii) Invitation to distinguished men and women of Indian origin settled abroad for short term technical assignments to assist in frontier and emerging areas of Science and Technology.
- (iv) Increasing the number and amount of fellowships for M. Tech programme as a result of which, more students have started joining the M. Tech. programme.
- (v) Early Faculty Induction Programme which aims at attracting bright and young under-graduate students in Engineering and Technology / Pharmacy / Architecture etc. to take teaching as their career.
- (vi) Appointment of NRIs and persons of Indian Origin in the permanent faculty positions in the IITs.
- (vii) IITs have also established Innovation and Incubation Centres which encourage students to start their own enterprises after graduation.
- (viii) Encouraging graduate students to continue work on sponsored research projects which have been funded by various agencies.
- (ix) Conduct of counseling sessions for career options of students and taking necessary steps for recruitment of students in Indian industries and organizations registered in India.