

the development of National Highways on Build, Operate and Transfer (BOT) basis with private sector funds.

#### **Brain-Drain**

2974. SHRI BASU DEB ACHARIA:

SHRI ANANT KUMAR HEGDE:

SHRI RUPCHAND PAL:

SHRI SUSHIL KUMAR SHINDE:

SHRI AJAY MUKHOPADHYAY:

Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

- (a) the details of brain-drain during the last five years, year-wise, discipline-wise, country-wise;
- (b) whether the Government have tried to find out the reasons, other than economic reason, for the brain drain;
- (c) the steps being taken to prevent the same; and
- (d) the cost involved to train a specialist and the extent of losses the country is incurring annually on this count?

THE MINISTER OF HUMAN RESOURCE DEVELOPMENT AND MINISTER OF SCIENCE AND TECHNOLOGY (DR. MURLI MANOHAR JOSHI): (a) to (d) Some Indian Scientists, Engineers and Doctors do go to other countries for jobs and higher studies. However, no specific record about the numbers is maintained in this regard. In the present situation of global inter-dependence, inter-action of institutions in one country with institutions and academies in another country is inevitable. Several steps have been taken from time to time by the Government to minimise the outflow as also to attract Scientists and Technologists settled abroad to return to India. Some of these are:

- Creation of new Scientific Departments Organisations;
- Setting up of more centres of excellence/advanced studies in Universities and academic institutions;
- Creation of core groups of professionals with necessary modern facilities required for pursuing research in new and frontier areas of science;
- S&T based training from Entrepreneurship Development Board (Department of Science and Technology);
- Manpower development training/retraining programmes through associateships/fellowships/courses;
- Provisions for temporary placement of Scientists' and Technocrats under the scheme of scientists' pool;
- Invitation to distinguished men and women of Indian origin settled abroad for short term technical assignments to assist in frontier and emerging areas of S&T.

The range of specialists trained being very wide, the cost of training varies from institute to institute and also from one discipline to the other. There is no specific study available for all the institutes or disciplines. However as per the analysis made in 1989-90 in respects of IITs the cost per student per year is approximately Rs. 52,000/- for B.Tech. Rs. 77,000/- for post-graduate and Rs. 98,000/- for PhD.

[*Translation*]

#### **Appointment of Correspondent of AIR/Doordarshan**

2975. SHRI PUNNU LAL MOHALE: Will the Minister of INFORMATION AND BROADCASTING be pleased to state:

- (a) whether the Government propose to appoint atleast one correspondent of AIR and Doordarshan in each district of the country; and
- (b) if so, the steps taken and progress achieved in this regard?

THE MINISTER OF INFORMATION AND BROADCASTING AND MINISTER OF COMMUNICATIONS (SHRIMATI SUSHMA SWARAJ): (a) No, Sir. AIR and Doordarshan are now part of an autonomous Corporation called Prasar Bharati (Broadcasting Corporation of India).

- (b) Does not arise.

#### **Tehri Dam**

2976. SHRI CHINMAYANAND SWAMI: Will the Minister of POWER be pleased to state;

- (a) the expenditure incurred so far on the construction of Tehri Dam upto April, 1998;
- (b) the total amount of expenditure estimated at the time of starting the project;
- (c) the total amount likely to be spent now;
- (d) the time schedule to complete the work;
- (e) whether it is a fact that it is not possible to complete this project in schedule time; and
- (f) if so, the reasons therefor?

THE MINISTER OF POWER (SHRI P.R. KUMRAMANGALAM): (a) to (f) The Tehri Dam and Hydroelectric Project Stage-I (1000 MW) was accorded approval by the Government in March, 1994 for implementation by Tehri Hydro Development Corporation at an estimated cost of Rs. 2963.66 crores (March 1993 price level) excluding associated transmission system. Upto the end of April 1998, an expenditure of Rs. 1664.79 crores (Prov.) has been incurred on the project.

The revised cost estimates of the project at December, 1997 price level are about Rs. 4657 crores. The construction activities at the project site are proceeding satisfactorily and the project is scheduled for commissioning by March, 2002.