

श्री सोनाराम केसरी : मैं कह सकता हूँ कि आप हमको फ्रेश नोटिस दीजिए मगर मैं कह रहा हूँ कि जितने भी ल्यूनेटिक होते हैं उनके लिए हेल्थ डिपार्टमेंट के अंतर्गत हॉस्पिटल होता है। हमारा मंत्रालय का जो संबंध है ... (व्यवधान)

श्री सभापति : आप और किसी में मत जाइये। अगर किसी को मिस्री आती है तो वे यह कह रही हैं कि मिस्री आने वाली लेडी को शादी की परमिशन नहीं है। तो क्या है या नहीं है? यही है।

SHRIMATI RENUKA CHOW-DHURY :  
She is not allowed to inherit property.

श्री सोनाराम केसरी : आप फ्रेश नोटिस दे दीजिए। देखकर बता देंगे आपको।

श्री सभापति : ये पता लगाकर बता देंगे आपको।

#### Foreign Aid for I.I.Ts.

\*145. SHRIMATI KAMLA SINHA:† DR. BAPU KALDATE :

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

(a) what is the annual aid received from abroad for UTs in the country, with institute-wise details ;

(b) what is the annual expenditure incurred by Government on the UTs (Institute-wise) and the estimated expenditure incurred on each student ;

(c) whether it is a fact that there is unabated brain drain from the IITs.

(d) if so, what is the estimated migration from UTs during the last three years, year-wise details ;

(e) whether Government have appraised that the utility and benefits achieved are commensurate to the expenditure incurred thereon ; and

came thereof ?

† The question was actually asked on the floor of the House by Shrimati Kamla Sinha.

THE MINISTER OF HUMAN RESOURCE DEVELOPMENT (SHRI ARJUN SINGH) : (a) to (f) A statement is laid on the Table of the Sabha.

#### Statement

(a) Except for project based bilateral programmes with institutions abroad, no annual foreign aid is received by the IITs.

(b) The average expenditure per student as estimated by IIT Directors for the year 1989-90 for undergraduates is Rs. 52,000/-, for post-graduate Rs. 77,600/-and for Ph.D. Rs. 98,000/-. Grants released during 1990-91 to the IITs is given in the Appendix. (See below)

(c) and (d) As per the report of the IIT Review Committee of 1986, about 20% graduates go abroad. A significant percentage of these graduates eventually return to India.

(e) and (f) The IIT Review Committee, while assessing the performance of IITs in 1986 has commended the contributions made by IITs in fulfilling the basic objectives of technology innovation and training of highly skilled manpower for enhancing techno-economic capability of the country. The achievements of the IITs are commensurate with the inputs.

#### Appendix

Grants released to the Indian Institutes of Technology during 1990-91.

(In Rupees lakhs)

Name of Institute	Plan*	Non-Plan
IIT, Kharagpur	543	1898.60
IIT, Kanpur	522	1701.40
IIT, Delhi	565	1821.00
IIT, Madras	485	1601.00
IIT, Bombay	514	2980.00

\* Includes grants released by the Ministry of Human Resource Development for institutional development, modernisation and infrastructural development in emerging areas.

SHRIMATI KAMLA SINHA : The answer which the hon. Minister has provided is really incomplete. I would rather say that it is rather frustrating to get an answer like this.

**श्री सभापति :** आप जल्दी से प्रश्न कर लीजिए ।

SHRIMATI KAMLA SINHA : The answer to part (a) is :

"Except for project based bilateral programmes with institutions abroad no annual foreign aid is received by the UTs."

My information is that the IIT, Bombay, received aid from the USSR, the Madras IIT received aid from Germany.

**श्री सभापति :** यह जो बात आप बोल रही हैं वह सबको मालूम है । उन्होंने दे भी दिया है ।

SHRIMATI KAMLA SINHA : No, Sir. He has not said that. He has said, "No."

SHRI VIREN J. SHAH : She is contradicting those facts.

SHRIMATI KAMLA SINHA : The Kanpur IIT receives aid from the USA, and the Delhi IIT receives aid from the United Kingdom.

**श्री सभापति :** उनका पहला जुमला तो पढ़ लीजिए ।

"Except for project based bilateral programmes with institutions abroad, no annual foreign aid is received by the UTs."

आपने खुद ही कहा उनकी एड से बनी है तो उनकी स्थिति अलग है दूसरों की अलग है ।

SHRIMATI KAMLA SINHA : They should have given the data then on how much money they have received. I asked a straight question, how much money, how much aid has been received from abroad. The Minister has not answered properly.

Part (b) of my supplementary is that the Minister says that the money that is spent for one post-graduate student is nearly Rs. 77,000 and that for one Ph.D student is Rs. 98,000. As far as my information goes, is not really correct. Nearly Rs. 3-4 lakhs is spent per year for one B. Tech. student and much higher money is spent on one M. Tech. student.

Sir, my last question. The Minister says in answer to (c) & (D) that "As per the report of the IIT Review Committee of 1986, about 20% graduates go abroad. A significant percentage of these graduates eventually return to India. I would like to know what is the significant percentage of those who return because my information goes...

**श्री सभापति :** आप अपनी नहीं, उनसे इनफॉर्मेशन ले लीजिए ।

SHRIMATI KAMLA SINHA : nearly 70 per cent graduates go abroad and they never return.

MR. CHAIRMAN : The House is not interested in your information. We want to get the information of the Minister.

SHRI ARJUN SINGH: Respected Sir, the honourable Member has asked for the foreign aided institutions and, as I have said, we have foreign aid but it is project based and projects are evolved with the donors of the institution. I can furnish the full list-this is a very long list of all the foreign based bilateral programmes in which foreign aid flows to these institutions. That is not part of an aid. So far as the second question is concerned, my figure, according to the computation given to me, is what is given in the appendix. If the honourable Member has some other basis or data on which she has arrived at that conclusion, I would be grateful to her if she could give it to me, and I have no hesitation in revising it if that data base is correct. So far as the third question of students going abroad is concerned, it is a fact that approximately 20 per cent of the students have gone abroad and some have also returned. I cannot furnish, straightway, the number of those who have returned. This was the estimate that was made in 1986.

**श्री सभापति :** आपने कहा, तीन, और आखिरी ।

**डा० आपू कालंबाते :** वही मैं उनको दुस्त कर रहा था (सी) कहिए, तीसरा मत कहिए ।

**श्री सभापति :** उन्होंने आखिरी कह भी दिया। अब आप जल्दी से प्रश्न कर लीजिए।

SHRI SOM PAL : Sir, the main difference is to be from singular aid or plural aid.

SHRIMATI KAMLA SINHA : Sir, I would like to ask another question. The Minister says that only 20 per cent graduates go abroad and they also return, but then he gave the data of 1986. As far as my information goes, nearly 70 per cent of the graduates go abroad and very few return. This is a big drain on India's economy.

MR. CHAIRMAN : This is your opinion. What is the question ? ... (Interruptions) ... Question, please, question.

SHRIMATI KAMLA SINHA : It is a big brain drain from India. We educate these students and when they get final education, they go abroad.

**श्री सभापति :** आप प्रश्न पूछ लीजिए।

SHRIMATI KAMLA SINHA : So I would like to know whether the Government is planning to have any foolproof measures to stop this brain drain.

SHRI ARJUN SINGH : Sir, on the question of statistics, I am afraid, at this moment I cannot either amend it or enlarge it because this is taken from a review that was conducted in 1986. Unless another authentic review is undertaken and a figure comes out, I will have to stand by this figure. So far as the other question of brain drain is concerned and what measures Government is trying to take, apart from the fact that it is very obvious, we cannot stop anybody from going abroad if they so like. But, apart from that, a number of measures have been taken to attract Indian scientists and technologists who have gone and settled abroad to come back to the country, which include temporary placement of scientists and technologists under the scheme of Scientists' Pool, creation of supernumerary posts, facilities to import equipment by scientists and technologists returning from abroad, delegation of enhanced administrative and financial powers to scientific institutions...

MR. CHAIRMAN : Is it a long statement ?

SHRI ARJUN SINGH : No, Sir, last sentence... (Interruptions)... And the scheme of transfer of knowhow through expatriate nationals, etc. ... (Interruptions)...

SHRI S. JAIPAL REDDY : Sir, it is a question of the Janata Dal. Both the Members belong to one party.

**डॉ० बापू कालदास :** सभापतिजी, आपने जिस 1986 की समीक्षा का उल्लेख किया है (व्यवधान)

**श्री सभापति :** आप भी अपना प्रश्न कर लीजिए ताकि जवाब आ जाये।

**डॉ० बापू कालदास :** इसमें जो उन्होंने लिखा है, ठीक लिखा है, लेकिन उन्होंने आपको शार्टफाल्स बताये।

**श्री सभापति :** आपको क्या पूछना है वही बताइये।

**डॉ० बापू कालदास :** मैं वही पूछ रहा हूँ कि शार्टफाल्स हैं।

They are unhappy about the quality of research. There is no cooperation between the industries and the IITs. There is a bureaucratic pyramidal structure and there is a migration. What are you doing ?

इसको दुरुस्त करने के बारे में आपने कौन से प्रयास किये हैं, मैं यह जानना चाहता हूँ ? यह शार्टफाल्स उन्होंने बताये, जिसका जिक्र आपने अपने उत्तर में नहीं किया।

**श्री सभापति :** प्रश्नकाल समाप्त।

## WRITTEN ANSWERS TO QUESTIONS

### Ground Water Exploration

\*141. SHRI RAJUBHAI A. PARMAR : Will the Minister of WATER RESOURCES be pleased to state :

(a) whether it is a fact that the geomorphological and lineament maps prepared through Remote Sensing Studies have helped ground water exploration; and

(b) if so, the extent of success achieved in Gujarat so far ?

THE MINISTER OF WATER RESOURCES (SHRI VIDYA CHARAN SHUKLA) : (a) Yes, Sir.