

**GOVERNMENT OF INDIA
MINISTRY OF HUMAN RESOURCE DEVELOPMENT
DEPARTMENT OF HIGHER EDUCATION**

**LOK SABHA
UNSTARRED QUESTION NO.3765
TO BE ANSWERED ON 19.03.2018**

Degrees from IITs and Medical Colleges

3765. SHRI P. KUMAR:

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

- (a) whether the Government is aware that there is any data available on percentage of students opting for jobs abroad after completion of their degree from Indian Institutes of Technology (IITs) and Government medical colleges during the last five years;
- (b) if so, the details thereof;
- (c) the total amount spent by the Government for each student studying in the IIT and the Government medical college; and
- (d) the steps taken by the Government to stop brain-drain and to retain the talent in the country?

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT
(DR. SATYA PAL SINGH)**

(a) & (b): The percentage of students opting for jobs abroad after completion of their degree from IITs during the last five years is annexed. As per information received from Ministry of Health & Family Welfare, some medical practitioners migrate to other countries for pursuing higher studies and employment. However, they do not maintain such data centrally. As per the requirements of the Government of USA, Statement of Need (SON) Certificate and Exceptional Need Certificate (ENC) are issued by the Ministry of Health and Family Welfare to Indian students going to USA on J-1 visa for higher studies. From the year 2015 to 2017, the total number of SON/ENC issued to Indian students is as under:

Year	SON Certificate	ENC	Total
2015	959	17	976
2016	891	19	910
2017	958	14	972

(c) : As per the Report of the Sub Committee of Council constituted in pursuance of the decision taken in the 49th IIT Council meeting, the estimated average expenditure on each student in IIT system is Rs. 5.2 lakh per year. However, no centralized data is available in respect of Medical Students.

(d) : The Government is committed not only to retain the students passing out of the premier educational institutions in the country but also attract the Non-Resident Indians back to the Country. For attracting highly skilled researchers to pursue their R&D interests in Indian Institutions, several initiatives have been launched, such as Faculty Recharge Programme, CV Raman Post-Doctoral Fellowship Scheme by University Grants Commission (UGC), Ramanujan Fellowship, JC Bose Fellowship, Swarnjayanti Fellowship, Young Scientist Project Award, Women Scientist Scheme by Department of Science & Technology (DST), and Ramalinga Swami Re-entry Fellowship by Department of Biotechnology. Ministry of Health & Family Welfare has also taken many initiatives such as non-issue of No Obligation to Return to India (NORI) Certificate to anyone under any circumstances, except in cases where the age of the applicant is over 65 (sixty-five) years on the date of submission of application, enhancing age of superannuation for doctors in teaching cadre upto 70 years, enhancing pay and allowances of doctors, revision of Assured Career Progression Scheme, removal of embargo/rider imposed on foreign qualified PG Doctors from five English speaking nations i.e US, UK, Canada, Australia and New Zealand in case of taking teaching profession. Various allowances like Non Practicing Allowance, Conveyance Allowance, Learning Resource Allowance, etc. have also been enhanced considerably for the faculty.

Annexure referred to in part (a) to (d) of the reply to the Lok Sabha Un-Starred Question No. 3765 for answer on 19.03.2018 asked by Shri P. Kumar regarding 'Degrees from IITs and Medical Colleges'.

Sl No.	Name of the Institute	Percentage (%) of Students opted for jobs abroad				
		2012-13	2013-14	2014-15	2015-16	2016-17
1.	IIT-Kharagpur	2.40	1.75	2.06	1.14	0.85
2.	IIT-Bombay	5.67	6.72	5.14	4.56	3.84
3.	IIT-Delhi	7.66	7.28	5.29	3.19	5.53
4.	IIT-Madras	3.88	3.38	2.55	3.21	1.85
5.	IIT-Kanpur	Not available	Not available	3.38	1.81	1.36
6.	IIT-Guwahati	1.39	2.50	1.10	1.78	0.66
7.	IIT-Roorkee	1.34	1.66	0.98	1.93	0.60
8.	IIT-BHU Varanasi	0.77	0.71	0.52	0.52	0.58
9.	IIT-Patna	0	0	0	0	0
10.	IIT-Gandhinagar	0	0	0	0	0
11.	IIT-Bhubaneswar	0	0	0	0	0.23
12.	IIT-Jodhpur	0	0.67	0	0	0
13.	IIT-Indore					
14.	IIT-Ropar	5.00	2.40	0	0	0.89
15.	IIT-Mandi	5.38	0	0.87	4.72	3.09
16.	IIT-Hyderabad	No data is available with the institute				
17.	IIT(ISM) Dhanbad					
18.	IIT- Tirupati	Academic Session commenced from 2015-16				
19.	IIT-Palakkad					
20.	IIT-Goa	Academic Session commenced from 2016-17				
21.	IIT-Jammu					
22.	IIT-Bhilai					
23.	IIT-Dharwad					
