

**GOVERNMENT OF INDIA  
MINISTRY OF EDUCATION**

**RAJYA SABHA  
STARRED QUESTION NO. 65  
ANSWERED ON 08.02.2023**

**Brain drain scenario in the country**

**65. Shri Jose K. Mani**

Will the Minister of **Education** be pleased to state:

- (a) whether Government has details about the number of Indian students who went abroad for higher studies during the last three years ;
- (b) if so, the country-wise details thereof;
- (c) whether Government is monitoring the number of students returning from abroad after their higher studies;
- (d) if so, details thereof and if not, the reasons therefor;
- (e) whether Government has considered the outflow of bright students to foreign countries for higher studies and their subsequent migration will lead to a 'brain drain' scenario in future; and
- (f) if so, policy initiatives taken or proposed to be taken by Government to prevent brain drain?

**ANSWER**

**MINISTER OF EDUCATION  
(SHRI DHARMENDRA PRADHAN)**

(a) to (f): A statement is laid on the Table of the House.

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**STATEMENT REFERRED TO IN REPLY TO PARTS (A) TO (F) IN RESPECT OF  
RAJYA SABHA STARRED QUESTION NO. 65 FOR REPLY ON 08.02.2023  
REGARDING “BRAIN DRAIN SCENARIO IN THE COUNTRY” ASKED BY SHRI  
JOSE K. MANI**

(a) to (d) Bureau of Immigration (BoI), Ministry of Home Affairs maintains the departure and arrival data of Indians. But there is no index for capturing the category of Indians going abroad for higher education purpose. Studies abroad are a matter of individual will and choice. Moreover, there are no restrictions on cross-border students mobility, which is contingent on a variety of factors such as affordability, access to bank loans, exposure to foreign societies, aptitude for particular branch of studies, inability to gain admission to top Indian Institutes etc. Purpose of Indians going abroad for higher education is captured manually based either on their verbal disclosure at the time of immigration clearance or the type of visa obtained for the destination country. The number of Indians, who disclosed their purpose of visit as Study/Education while going abroad during the last three years, country-wise, is at **ANNEXURE-I**.

(e) & (f) National Education Policy (NEP) 2020, lays emphasis on internationalization of the higher education system and promotes India as ‘global study destination’ providing premium education at affordable cost. It has envisioned that “top universities in the world will be facilitated to operate in India.” For this, “a legislative framework facilitating such entry will be put in place, and such universities will be given special dispensation regarding regulatory, governance, and content norms on par with other autonomous institutions of India.”

Accordingly as announced by Hon’ble Finance Minister in the Budget Proposal 2022-23, world-class foreign universities and institutions have been permitted in the GIFT City, Gujarat (Gujarat International Finance Tec-City) to offer courses in Financial Management, FinTech, Science, Technology, Engineering and Mathematics free from domestic regulations, except those by International Financial Services Centres Authority (IFSCA) to facilitate availability of high-end human resources for financial services and technology. Setting up of such foreign University/Institutions in GIFT IFSC will help in the retention of the talent pool in the country and facilitate availability of high-end human resources for financial services and technology.

University Grants Commission has drafted enabling regulations to facilitate the establishment of campuses of Foreign Higher Institutions (FHEIs) in India. The draft University Grants Commission (Setting up and Operation of Campuses of Foreign Higher Educational Institutions in India) Regulations, 2023 has been placed in the public domain seeking feedback suggestions, comments from all the stakeholders.

In addition to the above, University Grants Commission has also notified University Grants Commission (Academic Collaboration between Indian and Foreign Higher Educational

Institutions to offer Twinning, Joint Degree and Dual Degree Programmes) Regulations, 2022 to facilitate international collaboration with Foreign Higher Educational Institutions.

World Class Institutions Scheme was launched in the year 2017 to enable higher educational institutions in the country to have affordable world class academic and research facilities. The regulatory framework of the scheme provides for identifying 10 institutions each from the public and private category to grant them the status of an 'Institution of Eminence' (IoE). So far, 12 institutions have been notified as 'Institutions of Eminence' (IoE) which include 08 institutions from the public category and 04 institutions from the private category. The 'Institutions of Eminence' (IoE) have been granted significant autonomy in administrative, academic and financial matters to achieve the objectives of the scheme. The public 'Institutions of Eminence' (IoE) are also provided financial assistance of up to Rs 1000 Crores, over a period of 5 years, to implement their plans for achieving the objectives of the scheme.

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**ANNEXURE REFERRED TO IN REPLY TO PART (a) TO (d) OF RAJYA SABHA  
STARRED QUESTION NO. 65 FOR ANSWER ON 08.02.2023 RAISED BY SHRI JOSE  
K. MANI REGARDING “BRAIN DRAIN SCENARIO IN THE COUNTRY”**

**ANNEXURE-I**

| <b>DESTINATION-WISE (COUNTRY) STATISTICS OF INDIAN NATIONALS WHO<br/>DISCLOSED THEIR<br/>PURPOSE AS STUDY/EDUCATION WHILE GOING ABROAD FOR. 2020 TO 2022</b> |             |             |             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|
| <b>Country</b>                                                                                                                                               | <b>2020</b> | <b>2021</b> | <b>2022</b> |
| Afghanistan                                                                                                                                                  | 10          | 10          | 27          |
| Aland Islands                                                                                                                                                | 0           | 2           | 3           |
| Albania                                                                                                                                                      | 2           | 335         | 57          |
| Algeria                                                                                                                                                      | 0           | 2           | 2           |
| American Samoa                                                                                                                                               | 1           | 0           | 1           |
| Andorra                                                                                                                                                      | 8           | 12          | 119         |
| Angola                                                                                                                                                       | 1           | 1           | 9           |
| Anguilla                                                                                                                                                     | 1           | 2           | 1           |
| Antarctica                                                                                                                                                   | 1           | 1           |             |
| Antigua and Barbados                                                                                                                                         | 28          | 8           | 75          |
| Argentina                                                                                                                                                    | 7           | 28          | 39          |
| Armenia                                                                                                                                                      | 534         | 2796        | 1952        |
| Aruba                                                                                                                                                        | 7           | 7           | 9           |
| Australia                                                                                                                                                    | 33629       | 8950        | 59044       |
| Austria                                                                                                                                                      | 192         | 353         | 466         |
| Azerbaijan                                                                                                                                                   | 37          | 35          | 265         |
| Bahamas                                                                                                                                                      | 8           | 19          | 19          |
| Bahrain                                                                                                                                                      | 46          | 38          | 122         |
| Bangladesh                                                                                                                                                   | 5479        | 10493       | 17006       |
| Barbados                                                                                                                                                     | 40          | 24          | 64          |
| Belarus                                                                                                                                                      | 524         | 641         | 695         |
| Belgium                                                                                                                                                      | 355         | 605         | 514         |
| Belize                                                                                                                                                       | 19          | 19          | 29          |
| Benin                                                                                                                                                        | 0           | 7           | 1           |
| Bermuda                                                                                                                                                      | 0           | 2           | 2           |
| Bhutan                                                                                                                                                       | 6           | 0           | 9           |
| Bolivia                                                                                                                                                      | 0           | 0           |             |
| Bosnia                                                                                                                                                       | 6           | 7           | 145         |
| Botswana                                                                                                                                                     | 6           | 2           | 7           |
| Bouvet Island                                                                                                                                                | 0           | 0           |             |
| Brazil                                                                                                                                                       | 24          | 24          | 83          |
| British Indian Ocean Territory                                                                                                                               | 2           | 1           |             |
| Brunei                                                                                                                                                       | 8           | 1           | 26          |

|                                      |       |        |        |
|--------------------------------------|-------|--------|--------|
| Bulgaria                             | 53    | 133    | 139    |
| Burkina Faso                         | 0     | 0      | 4      |
| Burundi                              | 0     | 0      |        |
| Cambodia                             | 54    | 42     | 116    |
| Cameroon                             | 8     | 28     | 144    |
| Canada                               | 43624 | 102688 | 185955 |
| Cape Verde Islands                   | 4     | 10     | 18     |
| Cayman Islands                       | 0     | 3      | 3      |
| Central African Republic             | 0     | 0      |        |
| Chad                                 | 0     | 1      | 6      |
| Chile                                | 6     | 10     | 52     |
| China                                | 398   | 0      | 1967   |
| Christmas Islands                    | 0     | 0      | 3      |
| Cocos (Keeling) Islands              | 0     | 0      | 1      |
| Cog (Congo)                          | 2     | 2      | 5      |
| Colombia                             | 0     | 4      | 20     |
| Comoros                              | 0     | 0      |        |
| Congo (Democratic Republic of )      | 0     | 0      | 2      |
| Costa Rica                           | 3     | 14     | 9      |
| Cuba                                 | 1     | 0      |        |
| Cyprus                               | 1511  | 162    | 726    |
| Czech                                | 314   | 512    | 673    |
| Denmark                              | 253   | 341    | 488    |
| Djibouti                             | 4     | 0      | 1      |
| Dominica                             | 0     | 0      | 1      |
| Dominican Republic                   | 2     | 0      | 1      |
| East Timor (Democratic Republic of ) | 4     | 2      | 17     |
| Ecuador                              | 2     | 0      | 7      |
| Egypt                                | 188   | 519    | 424    |
| El Salvador                          | 0     | 0      | 2      |
| Eritrea                              | 0     | 5      | 4      |
| Estonia                              | 50    | 94     | 54     |
| Ethiopia                             | 4     | 38     | 14     |
| Falkland Islands (Malvinas)          | 0     | 3      | 11     |
| Faroe Islands                        | 1     | 0      |        |
| Fiji                                 | 6     | 3      | 2      |
| Finland                              | 80    | 133    | 234    |
| France                               | 4333  | 5293   | 6406   |
| France Metropolitan                  | 1     | 2      | 2      |
| French Guiana                        | 0     | 0      | 1      |
| French Polynesia                     | 0     | 0      | 2      |
| Gabon                                | 6     | 3      | 16     |
| Gambia                               | 0     | 2      | 4      |
| Georgia                              | 1724  | 2599   | 5269   |
| Germany                              | 9865  | 16259  | 20684  |

|                            |      |       |       |
|----------------------------|------|-------|-------|
| Ghana                      | 4    | 14    | 18    |
| Gibraltar                  | 4    | 4     | 7     |
| Greece                     | 87   | 62    | 207   |
| Greenland                  | 0    | 1     |       |
| Grenada                    | 7    | 16    | 17    |
| Guadeloupe                 | 2    | 0     | 1     |
| Guatemala                  | 0    | 0     | 2     |
| Guinea                     | 8    | 3     | 10    |
| Guinea Bissau              | 0    | 0     | 1     |
| Guyana                     | 10   | 104   | 145   |
| Haiti                      | 5    | 3     | 25    |
| Heard and Mcdonald islands | 1    | 0     | 4     |
| Honduras                   | 2    | 0     | 3     |
| Hong Kong                  | 563  | 198   | 708   |
| Hungary                    | 243  | 304   | 389   |
| Iceland                    | 16   | 23    | 47    |
| Indonesia                  | 77   | 11    | 170   |
| Iran                       | 186  | 600   | 1063  |
| Iraq                       | 17   | 65    | 79    |
| Ireland                    | 3272 | 4869  | 6211  |
| Isle of man                |      |       | 5     |
| Israel                     | 460  | 639   | 1061  |
| Italy                      | 3211 | 3008  | 3507  |
| Ivory Cost                 | 1    | 2     | 2     |
| Jamaica                    | 55   | 112   | 109   |
| Japan                      | 552  | 193   | 1423  |
| Jersey                     | 0    | 0     | 9     |
| Jordan                     | 2    | 11    | 37    |
| Kazakhstan                 | 937  | 5625  | 8895  |
| Kenya                      | 40   | 155   | 250   |
| Kiribati                   | 0    | 2     | 5     |
| Korea(DPR)                 | 9    | 7     | 29    |
| Korea (Republic of )       | 526  | 631   | 1005  |
| Kuwait                     | 33   | 24    | 124   |
| Kyrghyzstan                | 865  | 15162 | 14728 |
| Laos                       | 2    | 3     | 5     |
| Latvia                     | 539  | 537   | 750   |
| Lebanon                    | 2    | 4     | 6     |
| Lesotho                    | 0    | 1     |       |
| Liberia                    | 2    | 3     | 1     |
| Libya                      | 0    | 1     |       |
| Liechtenstein              | 1    | 1     | 1     |
| Lithuania                  | 227  | 355   | 324   |
| Luxembourg                 | 21   | 53    | 46    |
| Macau                      | 4    | 3     | 17    |

|                                  |      |      |       |
|----------------------------------|------|------|-------|
| Macedonia                        | 0    | 0    | 1     |
| Madagascar                       | 0    | 0    | 1     |
| Malawi                           | 4    | 7    | 27    |
| Malaysia                         | 1121 | 567  | 2453  |
| Maldives                         | 59   | 384  | 174   |
| Mali                             | 1    | 1    | 3     |
| Malta                            | 250  | 222  | 599   |
| Marshall Islands                 | 0    | 0    |       |
| Martinique                       | 0    | 0    | 1     |
| Mauritania                       | 9    | 11   | 27    |
| Mauritius                        | 956  | 827  | 1503  |
| Mayotte                          | 0    | 1    |       |
| Mexico                           | 13   | 1068 | 49    |
| Micronesia (Federated States of) | 1    | 0    |       |
| Moldova                          | 155  | 318  | 974   |
| Monaco                           | 0    | 1    | 5     |
| Mongolia                         | 1    | 1    | 4     |
| Montenegro                       | 3    | 6    | 4     |
| Morocco                          | 2    | 3    | 5     |
| Mozambique                       | 1    | 0    | 16    |
| Myanmar                          | 13   | 6    | 22    |
| Namibia                          | 7    | 10   | 100   |
| Nauru                            | 1    | 1    | 18    |
| Nepal                            | 221  | 379  | 444   |
| Netherlands                      | 1335 | 2006 | 1901  |
| Netherlands Antilles             | 18   | 20   | 15    |
| Neutral zone                     | 1    | 2    |       |
| New Caledonia                    | 19   | 0    | 11    |
| New Zealand                      | 5321 | 64   | 1605  |
| Nicaragua                        | 2    | 0    |       |
| Niger                            | 1    | 1    | 1     |
| Nigeria                          | 8    | 15   | 25    |
| Niue Island                      | 0    | 0    |       |
| Norfolk Island                   | 1    | 1    | 3     |
| Northern Mariana island          | 0    | 0    | 2     |
| Norway                           | 125  | 188  | 195   |
| Oman                             | 97   | 92   | 151   |
| Pakistan                         | 505  | 66   | 396   |
| Palau                            | 0    | 0    |       |
| Palestinian                      | 0    | 0    |       |
| Panama                           | 9    | 36   | 61    |
| Papua New Guinea                 | 3    | 0    | 4     |
| Paraguay                         | 2    | 2    | 6     |
| Peru                             | 3    | 1    | 7     |
| Philippines                      | 4601 | 251  | 11261 |

|                                          |      |       |       |
|------------------------------------------|------|-------|-------|
| Pitcairn                                 | 2    | 0     | 3     |
| Poland                                   | 616  | 1046  | 1443  |
| Portugal                                 | 79   | 155   | 163   |
| Puerto Rico                              | 1    | 0     | 3     |
| Qatar                                    | 100  | 325   | 275   |
| Republic of china Taiwan                 | 302  | 336   | 465   |
| Republic of Croatia                      | 14   | 36    | 77    |
| Republic Slovenia                        | 6    | 12    | 53    |
| Resident of Kosovo (UNMIK)               | 0    | 1     |       |
| Reunion Islands                          | 5    | 2     | 7     |
| Romania                                  | 24   | 52    | 78    |
| Russian Federation                       | 1387 | 15814 | 19784 |
| Rwanda                                   | 4    | 4     | 4     |
| Saint Christopher and Nevis              | 10   | 6     | 42    |
| Saint Helena                             | 4    | 0     |       |
| Saint Lucia                              | 39   | 39    | 46    |
| Saint Pierre and Miquelon                | 1    | 0     |       |
| Saint Vincent and The Grenadines         | 8    | 9     | 7     |
| Samoa                                    | 0    | 0     |       |
| San Marino                               | 0    | 2     | 9     |
| Sao Tome and Princip                     | 0    | 0     | 1     |
| Audi Arabia                              | 136  | 135   | 774   |
| Senegal                                  | 2    | 4     | 7     |
| Serbia                                   | 12   | 330   | 132   |
| Serbia and Montenegro                    | 0    | 0     |       |
| Seychelles                               | 7    | 4     | 18    |
| Sierra Leone                             | 2    | 1     | 19    |
| Singapore                                | 4860 | 2664  | 17085 |
| Slovak Republic                          | 48   | 85    | 93    |
| Solomon Islands                          | 0    | 0     | 1     |
| Somalia                                  | 1    | 0     |       |
| South Africa                             | 348  | 396   | 621   |
| South Georgia and South Sandwich Islands | 0    | 0     |       |
| South Sudan                              | 0    | 0     | 1     |
| Spain                                    | 840  | 1253  | 1384  |
| Sri lanka                                | 107  | 64    | 179   |
| Sudan                                    | 4    | 6     | 5     |
| Suriname                                 | 0    | 1     |       |
| Svalbard and janmayen Islands            | 0    | 0     |       |
| Swaziland                                | 75   | 81    | 153   |
| Sweden                                   | 664  | 806   | 639   |
| Switzerland                              | 566  | 754   | 870   |
| Syria                                    | 1    | 1     | 2     |
| Tanzania                                 | 58   | 107   | 217   |
| Tajikistan                               | 1248 | 1100  | 1112  |

|                                     |               |               |               |
|-------------------------------------|---------------|---------------|---------------|
| Thailand                            | 303           | 85            | 655           |
| Togo                                | 2             | 5             | 7             |
| Tokelau                             | 0             | 0             |               |
| Tonga                               | 0             | 0             |               |
| Trinidad and Tobago                 | 0             | 1             | 4             |
| Tunisia                             | 4             | 5             | 9             |
| Turkey                              | 65            | 212           | 300           |
| Turkmenistan                        | 1             | 1             |               |
| Turks and Caicos IS                 | 0             | 1             |               |
| Tuvalu                              | 0             | 0             | 2             |
| Uganda                              | 206           | 301           | 546           |
| Ukraine                             | 6723          | 18596         | 2199          |
| United Arab Emirates                | 2925          | 3427          | 5892          |
| United Kingdom                      | 44901         | 77855         | 132709        |
| United Stats Minor Outlying Islands | 11            | 21            |               |
| United States of America            | 62415         | 125115        | 190512        |
| Uruguay                             | 10            | 23            | 49            |
| Uzbekistan                          | 102           | 503           | 3430          |
| Vanuatu                             | 6             | 13            | 57            |
| Vatican City – Holy See             | 0             | 0             |               |
| Venezuela                           | 1             | 1             | 3             |
| Vietnam                             | 29            | 5             | 155           |
| Virgin Islands (British)            | 0             | 0             | 1             |
| Virgin Islands (US)                 | 0             | 0             |               |
| Wallis and Futuna Islands           | 0             | 1             | 5             |
| Yemen                               | 3             | 3             | 24            |
| Zambia                              | 23            | 46            | 133           |
| Zimbabwe                            | 0             | 2             | 3             |
| <b>Total</b>                        | <b>259655</b> | <b>444553</b> | <b>750365</b> |