



INDIAN INSTITUTE OF TECHNOLOGY MADRAS

Chennai 600 036

Telephone: [044] 2257 8101

FAX: [044] 2257 8102



Date: 09.03.2018

Mr. Kundan Nath
Under Secretary (IITs)
Department of Higher Education
Ministry of Human Resource Development
428-C, Shastri Bhawan
New Delhi – 110011

Sir,

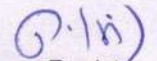
Sub: Lok Sabha Unstarred Question to be answered on 12.03.2018- Reg.

Ref: Email from Mr. Kundan Nath dated: 09.03.2018

With reference to the above, I furnish below the following details :

- i) SC/ST who got complete waiver
Reply: 385
- ii) Those with family income < 1 lakh, who got full waiver
Reply: 169
- iii) Those with family income between Rs. 1-5 lakh, who got 2/3 waiver
Reply: 202
- iv) Those who availed vidhyalakshmi loan
Reply: 85
- v) Those who paid full fee without vidhyalakshmi loan
Reply: 695



Yours faithfully,


Registrar



2
email sent on 16/3/18

MHRD
Reply
file

	INDIAN INSTITUTE OF TECHNOLOGY MADRAS CHENNAI- 600036 Email: Telephone:044-22578115 Fax: 044-22570509	
	No.F.IITM/Rectt/15-2018/	

To:
 Shri. Kundan Nath
 Under Secretary to the Govt. of India
 Dept. of Higher Education, MHRD
 428-C, Shastri Bhawan, New Delhi - 110 011.

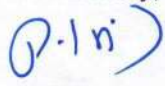
Sir,
 Sub: Lok Sabha Unstarred Question No. 3759 to be replied on 19.03.2018 regarding Faculty Positions in IITs.
 Ref: MHRD Email dated 14-03-2018 at 4:05 PM from Shri. Kundan Nath.

With reference to the above, the following information is furnished

Sl.No	Point Raised	Reply																												
A	The reasons that vacancies of faculty positions in IITs, NITs and Central universities are going up year-after-year	Recruitment is conducted every year. Applications received from suitable candidates meeting the advertisement norms are not sufficient enough to screen and select more number of candidates. Vacancies may be going up in some cases due to increase in student strength outpacing recruitment of faculty.																												
B	If so, the details of vacancies, positions and jobs filled during the last five years and the current year in IITs, NITs and Central University, year-wise and institution-wise and	<table border="1"> <thead> <tr> <th>Designation</th> <th>Sanctioned</th> <th>In Position</th> </tr> </thead> <tbody> <tr> <td>Ast. Prof</td> <td rowspan="3">800</td> <td>163</td> </tr> <tr> <td>Asso. Prof</td> <td>181</td> </tr> <tr> <td>Prof.</td> <td>239</td> </tr> <tr> <td>Total</td> <td>800</td> <td>583</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="5">Year wise faculty recruited details in the last 5 years</th> </tr> <tr> <th>2013</th> <th>2014</th> <th>2015</th> <th>2016</th> <th>2017</th> </tr> </thead> <tbody> <tr> <td>29</td> <td>18</td> <td>23</td> <td>37</td> <td>19</td> </tr> </tbody> </table> Recruitment is in progress for the year 2018.	Designation	Sanctioned	In Position	Ast. Prof	800	163	Asso. Prof	181	Prof.	239	Total	800	583	Year wise faculty recruited details in the last 5 years					2013	2014	2015	2016	2017	29	18	23	37	19
Designation	Sanctioned	In Position																												
Ast. Prof	800	163																												
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Prof.		239																												
Total	800	583																												
Year wise faculty recruited details in the last 5 years																														
2013	2014	2015	2016	2017																										
29	18	23	37	19																										
C	Whether the Govt. has any proposal for taking up special drives at least once in a year to fill up vacancies and other efforts being made to fill up the vacancies in a time-bound manner?	Please refer reply to Sl.No. A above.																												

The receipt of this letter may kindly be acknowledged.

Thanking you,

Yours faithfully,

 Registrar

9

email sent on 16/3/18

File mailed reply



INDIAN INSTITUTE OF TECHNOLOGY MADRAS

Chennai 600 036

Telephone: [044] 2257 8101

FAX: [044] 2257 8102



Date: 14.03.2018

To.

Mr. Kundan Nath
Under Secretary (IITs)
Department of Higher Education
Ministry of Human Resource Development
428-C, Shastri Bhawan
New Delhi - 110011

Sir,

Sub: Lok Sabha Unstarred Question No. 3765 to be answered on 19.03.2018- Reg.

Ref: Email from Mr. Kundan Nath dated: 14.03.2018

With reference to the above subject, the details are furnished below:

- (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 IITs and Government medical colleges during the last five years;

Reply: Yes

- (b) If so, the details thereof;

Reply:

Year	No. of students
2013	18 out of 1536
2014	26 out of 1691
2015	14 out of 1854
2016	8 out of 1829
2017	6 out of 1894

- (c) The total amount spent by the Government for each student studying in the IIT.

Reply: It is not possible to arrive at amount spent by Government for each student studying at IITM. The total expenditure incurred during the year 2016-17 is Rs.513.89 crore and this includes fixed cost items pensions etc. which cannot be reckoned on a per student basis. The total number of students enrolled during 2016-17 was 9487.

- (d) The steps taken by the Government to stop brain-drain and to retain the talent in the country?

Reply: To be replied by MHRD eg: PMRF

Yours faithfully,

(Signature)

Registrar
कुलसचिव / Registrar



INDIAN INSTITUTE OF TECHNOLOGY MADRAS

Chennai 600 036

Telephone: [044] 2257 8101

FAX: [044] 2257 8102



Date: 16.03.2018

To

Mr. Kundan Nath
Under Secretary (IITs)
Department of Higher Education
Ministry of Human Resource Development
428-C, Shastri Bhawan, New Delhi – 110011

Sir,

Sub: Rajya Sabha Unstarred Question No. S4718 to be answered on 22.03.2018- Reg.

Ref: Email from Mr. Kundan Nath dated: 14.03.2018

With reference to the above subject, the details are furnished below:

- (a) Whether it is a fact that IIT Madras is offering M.Tech degree to people to pursue from their workplace.

Reply: Yes

- (b) If so, the details thereof.

Reply:

- (1) Industry must enter into an agreement with IIT Madras. IIT Madras evaluates the industry and approves if the industry possesses necessary infrastructure to support the "Online-interactive M.Tech program".
- (2) Only candidates from these approved industries can apply through their company / enterprise.
- (3) Selection is done by IIT Madras through test/interview.
- (4) Selected students register for courses and attend classes regularly (through online, two way connectivity) and earn credits.
- (5) Examinations are conducted by IIT, supervised by IIT and evaluated by IIT faculty.
- (6) Once the candidates earn required credits, degree is awarded.

- (c) In what manner the above degrees is different from a regular M.Tech degree since no student would be permitted to enter into the campus for various lab and other activities.

Reply: The M.Tech degree is same for the people who pursue from their workplace and for regular students.

- (d) Without lab work, etc., what kind of knowledge that a student would have through when he gets degree from his workplace?

Reply:

- (1) If the curriculum demands experimentation to be carried out at IIT Madras laboratory, the candidates will come to IIT Madras and perform the experiments.
- (2) If the curriculum is made for a particular industry, wherein the candidates are already familiar with the practical aspects, then laboratory is not insisted in the curriculum.
- (3) Students enrolled in the program may make at least one visit spanning a week-end for one to one interaction with the course teachers.

Yours faithfully,


Registrar
कुलसचिव / Registrar



भारतीय प्रौद्योगिकी संस्थान मद्रास
INDIAN INSTITUTE OF TECHNOLOGY MADRAS
Chennai – 600 036

दूरभाष / Phone : [044] 2257 8101 फैक्स / FAX : [044] 2257 0509



Date: 20.03.2018

To

Sri Kundan Nath
Under Secretary (IITs)
Department of Higher Education
Ministry of Human Resource Development
428-C, Shastri Bhawan
New Delhi – 110011

MHRD reply
file

Sir,

Sub: Rajya Sabha Unstarred Question No. S3131 to be answered on 22.03.2018-
Reg.

Ref: Email from Mr. Kundan Nath dated: 19.03.2018

With reference to the above, I furnish the following details.

Program	No. of students who have taken admission in IITs			Ratio of drop outs vis-à-vis those appearing in final examination			Whether any assessment has been made to ascertain the reasons, if so, the details thereof	Reasons of drop outs	Action taken by the Institute to minimize the drop outs.
	2015	2016	2017	2015	2016	2017			
B.Tech & Dual Degree	804	832	838	0%	0%	0%	0%	-	-
M.Tech	534	451	592	8.98%	13.74%	8.27%	Yes	The students join the PSU's	* COAP

* A Common Offer Acceptance Portal (COAP) has been introduced from 2017 for M.Tech admissions to IITs. The steps are being taken to invite public sector enterprises also into this portal so that students interested in taking up jobs will be directly taking up job without admission to M.Tech and subsequent drop out.

Yours faithfully,

Registrar

कुलसचिव / Registrar

भारतीय प्रौद्योगिकी संस्थान मद्रास
Indian Institute of Technology Madras



INDIAN INSTITUTE OF TECHNOLOGY MADRAS

Chennai 600 036

Telephone: [044] 2257 8101

FAX: [044] 2257 8102



Date: 12.07.2018

To

Mr. Kundan Nath
Under Secretary (IITs)
Department of Higher Education
Ministry of Human Resource Development
428-C, Shastri Bhawan
New Delhi – 110011

*MHRD reply file
on 12/7/18
g*

Sir,

Sub: Starred Question Dy. No. 979 regarding Prevention of Vector Borne Diseases - Reg.

Ref: Email from MHRD dated: 12.07.2018

With reference to the above subject, the details regard to part (d) are furnished below:

Q. (d) Whether the Indian institute of Technology has developed a new technique to eliminate Dengue mosquito and its eggs, if so details thereof; and

Reply: A device by MGH Labs was developed, under trial in our campus and in the city by the guidance of Bioincubator cell- IIT Research Park/IITM.

Shri. Hemachandra Bhovi,
Director
MGH Labs Pvt Ltd (IIT Madras Bio Incubation Company)
A9, First Floor, IIT Madras Research Park
Kanagam Road, Taramani, Chennai -600113
Ph# 044 33870034 / 9886728680
www.bogorchid.com<<http://www.bogorchid.com>>

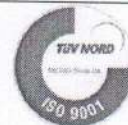
Yours faithfully,


Registrar i/c



INDIAN INSTITUTE OF TECHNOLOGY MADRAS, CHENNAI - 600 036
Hkkjrh; izkS|ksfxdh laLFkku enzkl, psUuS -
600 036

Telephone/ फ़ोन : [044] 2257 8100/8101 FAX/फैक्स : [044] 2257 8103
Email/ईमेल : registrar@iitm.ac.in /website/वेबसाइट : www.iitm.ac.in



Enclt Seal
on 17/7/18

डॉ जेन प्रसाद, आईपी और टीएएफएस
Dr. JANE PRASAD, IP & TAFS
dqylfpo
Registrar

Date/दिनांक: 17.07.2018

To

Shri Kundan Nath
Under Secretary (IITs)
Ministry of Human Resource Development
Dept. of Higher Education
New Delhi – 110 011

Sir,

Sub: Revenue generated by IITs – Reg.

Ref: Rajya Sabha provisionally admitted question No. S410 dt, 06.07.2018

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With reference to the above, the reply to Rajya Sabha Provisionally admitted question No. S410 is given below:

(a)	Whether it is a fact that our IITs are generating revenue from inventions, research, consulting and patents etc.	Yes. Details are given in item (b) below.		
(b)	If so, the amount of revenue so generated by IIT Madras for the last three years.	2015-16	2016-17	2017-18
		7.15 Cr	10.87 Cr.	11.67 Cr.
(c)	Whether the amount so generated is proportional to their annual budgetary allocation	No, There is no relationship between revenue earned from the consultancy and technology transfer and the budgetary allocation which is for teaching and academic research. The former is done over and above the normal teaching and academic research work of the faculty. It is an extra revenue benefit to the institute.		
(d)	If so, their allocation in last three years and (Budgetary grant)	2015-16	2016-17	2017-18
		417.50 Cr.	454.92 Cr.	705.41 Cr.
(e)	If not, the reasons therefor	Reply is given in part (C).		

Yours sincerely,



INDIAN INSTITUTE OF TECHNOLOGY MADRAS

Telephone: [044] 2257 8101/8102

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Email: registrar@iitm.ac.in / Website: www.iitm.ac.in



Dr Jane Prasad, IP&TAFS
Registrar

Date: 07.08.2018

To.

Mr. Kundan Nath
Under Secretary (IITs)
Department of Higher Education
Ministry of Human Resource Development
428-C, Shastri Bhawan
New Delhi – 110011

Sir,

Sub: Rajya Sabha Unstarred Question No. 2625 to be answered on 09.08.2018- Reg.

Ref: Email from Mr. Kundan Nath dated: 06.08.2018

With reference to the above subject, the details are furnished below:

(a) Whether education in IITs/IIMs is substantially subsidized.

Reply: Yes

(b) If so, the average expenditure per student in top five IITs and IIMs

Reply: 4.62 lakhs / per student / per year for IITM

(c) The share of this expenditure borne by student and the institutes?

Reply: 0.65 lakhs / per student / per year = 14% by student

3.97 lakhs / per student / per year = 86% by the Institute.

email sent
to MHRD on 7/8/18
2

Yours faithfully,

Registrar,



INDIAN INSTITUTE OF TECHNOLOGY MADRAS

Chennai 600 036

Telephone: [044] 2257 8044

FAX: [044] 2257 8042



No.F.Acad./2018

Date : 11.12.2018

To.

Mr. Kundan Nath
Under Secretary (IITs)
Department of Higher Education
Ministry of Human Resources and Development
428-C, Shastri Bhawan
New Delhi - 110011

*MHRD reply sent
on 11/12/18
g*

Dear Sir,

Sub: Rajya Sabha Unstarred Question No. 378 to be replied on 13.12.2018- Reg.

Ref: Email received from Mr. Kundan Nath, Under Secretary to the Govt. of India, vide. Dated: 10.12.2018

With reference to the letter cited, we furnish the following information:

a)	The current percentage of foreign students and faculty members in both private and public institutes in the country
Ans	<p><u>Students:</u> 0.35% of the Foreign students are studying in regular mode as on date. In addition, 1.27% of Foreign students including regular mode are studying under Student Exchange programme.</p> <p>Further, 10% of Supernumerary seats for foreign national over and above the regular intake (sanctioned by Govt.of India) are provided for admission to all the programmes</p> <p><u>Faculty:</u> 1.54% of the regular fulltime faculty at IITM are foreign nationals. If long-term visiting faculty and adjunct faculty are also considered the 5% of the faculty at the institute are foreign nationals.</p>
b)	The steps proposed to be taken by Government to increase their numbers especially in IITs
Ans	Government of India has launched Study in India during April 2018 in order to increase the enrollment of foreign students in various Institute of the Country by 3-4 times in the next five years. Study in India is a voluntary program launched by GOI aimed at associating 160 quality Indian Public and Private Institutions based on their NAAC / NIRF Ranking to attract overseas students interested in studying in India. The aspiration is to make India an Education Hub for students all around the world. IIT Madras has been one of the participating Institutions in the Programme. It is a common admission process based on the academic scores, eligibility criteria preference indicated and availability of seats with institutions, admission will be offered as done in counselling processes in india.
c)	In what manner Government proposes to offer competitive salaries to foreign faculty members when some of india's topmost university professors and staff have complained about inadequate and delayed salaries; and
Ans	Policy decision of MHRD
d)	Whether these plans have been extended to humanities and social science disciplines as well and if so, the details thereof?
Ans	Yes, These plans have been extended to Humanities and Social Sciences (HSS) also 2 Regular and 2 Visiting Faculty are in the HSS department.

Yours faithfully.



INDIAN INSTITUTE OF TECHNOLOGY MADRAS

Chennai 600 036

Telephone: [044] 2257 8101 / 02

FAX: [044] 2257 8103



No.F.R.O./2018

Date : 18.12.2018

To.

Mr. Kundan Nath
Under Secretary (IITs)
Department of Higher Education
Ministry of Human Resources and Development
428-C, Shastri Bhawan
New Delhi - 110011

email sent on 19/12/18

Dear Sir,

Sub: Rajya Sabha Starred Question No. 113 to be replied on 20.12.2018 – Reg.

Ref: Email received from Mr. Kundan Nath, Under Secretary to the Govt. of India, vide. Dated: 17.12.2018

With reference to the letter cited, we furnish the following information:

a)	Whether it is a fact that there is absolute communication gap with regard to placement of graduate candidates for employment among this Ministry and other Ministries;
Ans	The information available with IITM regarding Placement in Public Sector Undertaking (PSU) and Government Organizations is enclosed for your information (Data for the last 3 years).
b)	If not, the reasons due to which Government is not able to provide employment to graduates/undergraduate candidates from different streams; and
Ans	Information not available with IITM as it is a policy decision of MHRD.
c)	The reasons for absence of mechanism to accommodate the jobseekers from various colleges?
Ans	Information not available with IITM as it is a policy decision of MHRD.

Yours faithfully,

Sheeja
Registrar

कुलसचिव / Registrar

भारतीय प्रौद्योगिकी संस्थान मद्रास
Indian Institute of Technology Madras
चेन्नई/Chennai - 600 036

2018-19

PSU		
S.No	Company Name	No. of offers
1	Indian Space Research Organisation	4
2	ONGC Limited	3
3	CENTRAL RESEARCH LABORATORY, BEL	0

2017-18

PSU		
S.No	Company Name	No. of offers
1	Bharat Petroleum Corporation Limited	0
2	Indian Oil Corporation Limited, Research & Development Centre	2
3	Indian Space Research Organisation	6
4	Gulf Oil Lubricants India Limited	1
5	Hindustan Petroleum Corporation Limited	3
6	CENTRE FOR DEVELOPMENT OF TELEMATICS	1

2016-17

PSU		
S.No	Company Name	No. of offers
1	Central Research Laboratory - BHARAT ELECTRONICS LTD	2
2	Oil and Natural Gas Corporation Ltd - ONGC	5
3	COAL INDIA LIMITED	10



INDIAN INSTITUTE OF TECHNOLOGY MADRAS

Chennai 600 036

Telephone: [044] 2257 8044

FAX: [044] 2257 8042



No.F.Acad./2018

Date : 24.12.2018

To.

Mr. Kundan Nath
Under Secretary (IITs)
Department of Higher Education
Ministry of Human Resources and Development
428-C, Shastri Bhawan
New Delhi - 110001

Dear Sir,

Sub: Rajya Sabha Unstarred Question No. S2946 to be replied on 27.12.2018- Reg.

Ref: Email received from Mr. Kundan Nath, Under Secretary to the Govt. of India, vide. Dated: 19.12.2018

With reference to the MHRD email dated 19.12.2018, the Foreign visits of academicians is detailed as follows:

01	The number of professions, scientists, research scholars and educationists visited foreign countries under the educational exchange programme during the last three years.
Reply	The faculty members who have visited foreign countries under the educational exchange program (DAAD, Joint Degree Program along with our Professors involved in Joint Degree Program (Annexure-1). 84 research scholars have visited foreign countries under the educational exchange programme during the last three years as per the list enclosed (i.e. 2016 to 2018) Annexure-2.
02	Whether most of the persons who visited foreign countries under the educational exchange programme belong to the metropolitan cities.
Reply	No, only 17.44% scholars who visited foreign countries under the educational exchange programme are from metropolitan cities. There are 84 research scholars who visited foreign countries under the educational exchange programme during the last three years. Out of which 15 were from Metropolitan cities.
03	If so, the separate details thereof, city-wise
Reply	The details enclosed (Annexure-3)
04	The measures being taken by Government so that more persons particularly from other cities and regions of the country visit foreign countries under these exchange programmes
Reply	Over 200 MOU were signed between IITM and Foreign Universities thro' which the scholars irrespective of their cities are encouraged to visit foreign countries under exchange programmes.

Yours faithfully,

Handwritten signature
Registrar

MHRD
Reply



INDIAN INSTITUTE OF TECHNOLOGY MADRAS
CHENNAI-600036
Email: recruit@iitm.ac.in
Telephone:044-22578115 Fax: 044-22570509



No.F.IITM/Rectt/52-2018/

Dated: 26.12.2018

Sub: Lok Sabha Starred Question No. 267 regarding IITs
Ref: MHRD email dated 26-12-2018 recd. from Shri. Arun Kumar Karn Assistant Section Officer, MHRD

With reference to the email cited above, the required information in respect of this Institute is furnished below.

	Sanctioned posts	Posts earmarked for		Posts filled		Posts vacant		Reasons for shortfall
		SC	ST	SC	ST	SC	ST	
Faculty	800 (Present strength - 589)	**	**	13	2	**	**	**IITs follow flexi cadre system for teaching positions. Hence, there is no fixed break-up of faculty positions, department wise or cadre wise. However, reservation as per MHRD letter no. F.No.16-8/2000-TS.1 dated 09-06-2008 is being followed. A few posts could not be filled due to non availability of SC/ST candidates meeting requirements for the post. However, efforts are being taken to fill up the vacancies in the subsequent recruitment year.
Non-Faculty	874 (Present strength - 681)	94*	27*	70*	25*	24*	2*	Vacancies are filled up periodically based on requirement.

* Excluding cadres having sanctioned strength up to 13 posts ('L' shaped roster register as per Gol guidelines is followed).

Yours faithfully,

Registrar

कुलसेचिव / Registrar

भारतीय प्रौद्योगिकी संस्थान मद्रास
Indian Institute of Technology Madras
चेन्नई/Chennai - 600 036

Reply has send
to ministry on 26/12
by 5.05pm

13



INDIAN INSTITUTE OF TECHNOLOGY MADRAS

Chennai 600 036

Telephone: [044] 2257 8100

FAX: [044] 2257 8103



No.F.Acad./2018

Date :28.01.2019

To.

Mr. Kundan Nath
Under Secretary (IITs)
Department of Higher Education
Ministry of Human Resources and Development
428-C, Shastri Bhawan
New Delhi - 110011

Reply has send to
MHRD on 28/1/19
by 5:55 pm
2

Sub: LSUSQ NO.78 for an answer on 4.2.2019 regarding 'IIT Students' - Reg

Ref: MHRD email dated 28-01-2019 recd. from Shri. Arun Kumar Karn Assistant Section Officer, MHRD

Sir,

With reference to the email cited above, the required information in respect of this Institute is furnished below.

(a) whether the Government has suspended Indian Institute of Technology(IIT) first-year students for not performing well in the exams;

Ans: Students who obtain less than the minimum credits in a semester are suspended. But they (all of them) are admitted again in the subsequent semester with assurance from the students and the parents of the students that the performance will improve in the subsequent semester.

(b) if so, the details and reasons therefor; and

(c) the remedial measures taken/being taken by the Government in this regard?

Ans: The students performing poorly are assisted through (i) Faculty counselors and Senior student counselors (ii) Mitra (iii) Professional counselors.

Yours faithfully,


Registrar

कुलसचिव / Registrar

भारतीय प्रौद्योगिकी संस्थान मद्रास
Indian Institute of Technology Madras
चेन्नई/Chennai - 600 036



INDIAN INSTITUTE OF TECHNOLOGY MADRAS

Chennai 600 036

Telephone: [044] 2257 8100

FAX: [044] 2257 8103



Dr. Jane Prasad, IP&TAFS
Registrar

Date: 04.02.2019

To.

Mr. Kundan Nath
Under Secretary (IITs)
Department of Higher Education
Ministry of Human Resources and Development
428-C, Shastri Bhawan
New Delhi – 110011.

Sir,

Sub: Rajya Sabha Unstarred question No. 535 to be replied on 07.02.2019 – Reg.

Ref: MHRD e-mail dated 04.02.2019

With reference to above, the details are furnished below.

- (a) **Whether it is a fact that the Management, Technical and Engineering institutions of the Country have failed to provide minimum placement of 60 percent to their Graduate Students:**

Placement data over the last 5 years shows that more than 65% students registering for placement got offers from companies.

- (b) **If so, the number of students who passed since 2014 till date and their placements in the country during the last five years, stream- wise:**

Stream-wise placement data since 2014 to till date is enclosed in Annexures 1 to 5.

- (c) **The proposal of Government to provide 100% placement of such graduates:**

Not applicable.

- (d) **The action taken by Government under different schemes to provide job opportunities during 2014-2018:**

Not applicable.

Yours faithfully,

J. Prasad
Registrar



INDIAN INSTITUTE OF TECHNOLOGY MADRAS

Chennai 600 036

Telephone: [044] 2257 8100

FAX: [044] 2257 8103



Dr. Jane Prasad, IP&TAFS
Registrar

Date: 05.02.2019

Mr. Kundan Nath
Under Secretary (IITs)
Ministry of Human Resource Development
Department of Higher Education
428-C, Shastri Bhawan
New Delhi-110011

Sir,

Sub: Rajya Sabha Unstarred Question No. 512 to be answered on 05.02.2019 - Reg.

Ref: Email from Mr. Kundan Nath dated: 04.02.2019

With reference to the above, the details are furnished below:

a. & b. Whether the institutions of higher education like IITs have set up centres for Artificial Intelligence in view of increasing use of Artificial Intelligence (AI) technology in the world. If so, the details thereof:

Reply: The Robert Bosch Centre for Data Science & Artificial Intelligence (RBC-DSAI) was founded in August 2017, in IIT Madras with a vision to expand and further the research, education and outreach activities in the areas of Data Science & Artificial Intelligence.

RBC-DSAI comprises faculty from several departments across the Institute, who carry out research in various areas of data science and artificial intelligence. The long-term vision of RBC-DSAI is to become a world leader in data science research, where long-standing fundamental research problems, cutting across disciplines are targeted and solved.

c. The courses proposed to be offered in these Institutes: &

Reply:

IITM Courses pertaining to Data Science & Artificial Intelligence:

1. CS5011 – Introduction to Machine Learning
2. CS6700 – Reinforcement Learning
3. CS6730 – Probabilistic Reasoning in AI
4. CS6012 – Social Network Analysis
5. MS6032 – Predictive & Prescriptive Data Analytics
6. CS7015 – Deep Learning
7. BT3051 – Data Structures & Algorithms for Biology
8. BT4110 – Computational Biology Laboratory
9. CH5170 – Process Optimization
10. CH5350 – Applied Time-Series Analysis
11. CH5020 – Statistical Analysis & Design of Experiments
12. BT5240 – Systems Biology
13. CH5440 – Multivariate Data Analysis
14. CH5230 – System Identification
15. CH5470 – Graph Theory & Its Applications in Process Design
16. EE5154 – Complex Network Analysis

NPTEL Courses offered by IITM to all students in India:

1. Introduction to Data Analytics
2. Introduction to Machine Learning
3. Reinforcement Learning
4. Introduction to Statistical Hypothesis Testing
5. System Identification
6. Introduction to Time-Frequency Analysis & Wavelet Transforms

d. Whether any collaboration is being made with global leaders in Artificial Intelligence and if so, the details thereof?

1. Dr. Anand Raghunathan – Professor of Electrical Engineering & Computer Engineering Chair, Professor of Computational Brain Research
2. Dr. Ashok Venkitaraman – Professor of Oncology, Director of MRC CU, Co-Director of the Hutchinson / MRC Research Centre, Joint Director of the Cambridge Molecular Therapeutics Programme (CMTP), Ursula Zoellner Professor of Cancer Research
3. Dr. Krishnan Balasubramanian – Professor, Mechanical Engineering
4. Dr. Jessica Seddon – Senior Fellow at the Centre for Technology and Policy, Adjunct Faculty at the Department of Humanities
5. Dr. GS Madhusudan – Technology / Management Consultant, Principal Scientist at IIT Madras
6. Dr. BS Murthy – Professor, Department of Civil Engineering
7. Dr. Ramasuri Narayanam – Research Scientist, IBM Research, India
8. Dr. Srinivasan Parthasarathy – Professor, Department of Computer Science & Engineering & Department of Biomedical Informatics, The Ohio State University.

Yours faithfully,


Registrar



INDIAN INSTITUTE OF TECHNOLOGY MADRAS

Chennai 600 036

Telephone: [044] 2257 8100

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Dr. Jane Prasad, IP&TAFS
Registrar

Date: 06.02.2019

Mr. Kundan Nath
Under Secretary (IITs)
Ministry of Human Resource Development
Department of Higher Education
428-C, Shastri Bhawan
New Delhi-110011

Sir,

Sub: LSUSQ No.131 to be replied on 04.02.2019 regarding Sexual Harassment in Educational Institutional- Reg.

Ref: Email from Mr. Kundan Nath dated: 31.01.2019

With reference to the above, the details are furnished below:

A. Whether the Government is aware that sexual harassment of women lecturers, professors and research scholars at the hands of the academic heads of departments, professors and lectures in educational institutions is on the rise across the country;

Yes

B. If so, the total number and other details of cases of sexual harassment in educational institutions registered during the last three years;

20 cases were reported. Details are enclosed in Annexure A.

C. Whether any prominent heads of departments, professors and lecturers are involved in such episodes and if so, the details thereof; and

Yes. Details are enclosed in Annexure B.

D. Whether all Central Universities in the country have in-house committees on Sexual Harassment and if not, the reasons therefor?

Yes, IITM have internal complaints committee.

Yours faithfully,

J. Prasad.
Registrar

Annexure A

List of Complaints for the last three years (names of complainant and accused withheld).

SL.NO.	Date of complaint	NAME & DESIGNATION OF COMPLAINANT	NAME & DESIGNATION OF THE ACCUSED	DESCRIPTION OF THE COMPLAINT	DATE OF FINAL DECISION & ACTION TAKEN	DETAILS OF ACTION TAKEN
1.	15-1-2016	Project Associate	Individual contractor	Sexual harassment	18-1-2016	FIR information to police given; information given to Chairman, Engg unit & Dean, ICSR to take action to end his contract; Security at gates instructed not to permit the offender; Counselling given to the complainant to overcome her traumatic experience.
2.	25-01-2016	Under Graduate student	Post Graduate student	Indiscipline & misconduct on social media platform	03-02.-016	Suitable warning letter issued to the accused and sent for counseling; Complainant asked to take care of herself from such intrusions from social media
3.	01-03-2016	Faculty member	Dual degree student	Vulgar email received from student	14-03-2016	Student denied the charges; opined that his email id might have been hacked by someone else; Committee warned him to be careful about his email account.
4.	17-03-2016	Some post graduate female students	Faculty member	Sexual harassment of students	01-04-2016 & 12-07-2016	The Committee warned the charged official that such complaints should be avoided in future. His behaviour should ensure that it cannot be perceived as 'sexually unwelcome'; Committee stated that it was an incident which had taken place three years ago. HOD to monitor the charged official.

Sanjiv

5.	24-08-2016	Graduate students	Graduate student	Sexual harassment of students	24-08-2016	The accused was relieved from the academic program from August 2016 to July 2017 and debarred from entering the campus with a clause that violation of this needs to be reported to the police and if required expulsion of the student from the program permanently; Accused also advised to undergo counselling.
6.	11-07-2016	Project staff	Physiotherapist	Inappropriate touching	28-07-2016	The Institute advised termination of the deputation of the physiotherapist.
7.	07-08-2016	Under Graduate student	Under Graduate student	Inappropriate behaviour	28-07-2016	The Committee noted that the student was well aware of his actions including unacceptable behaviour towards the complainant; Student asked to stay away from Campus from Aug. 2016 to July 2017; A psychological evaluation report to be provided by the student before he rejoins the program.
8.	13-10-2016	Under Graduate student	Under Graduate student	Stalking	19-11-2016	Since the accused seemed to be unaware of his actions including unacceptable behaviour, the Committee advised him that he should understand that when a lady said she did not want to have his company or a conversation with him, it implied a strict "no". The committee advised him that he should not repeat such behaviour in future and got a letter of apology to the complainant.

x Rajan

9.	17-11-2016 and 24-12-2016.	Project staff	Ph.D. scholar	Inappropriate behaviour and sexual harassment towards her on a couple of occasions.	06-12-2016, 9.12-2016, 03-12-2016 and 11-1-2017	Based on detailed enquiry, the Committee was convinced that the accused had behaved inappropriately towards the complainant on several occasions, but nothing could be concluded about the alleged sexual assault on 5-10-2016. The Committee recommended that the accused be denied accommodation in the hostel till the beginning of the next semester and he should stay away from his laboratory upto 30.04.2017. A letter of apology should be sent by him for the possible trauma caused to her due to his behaviour and the messages sent by him. He should also give a statement saying that he will not repeat this in future.
10.	14-2-2017	Post graduate student	Ph.D. Scholar	Sexual harassment	03-04-2017	Case withdrawn by the Complainant
11.	20-3-2017	Ph.D. Scholar	Unknown male peeping into ladies' washroom		03-04-2017	Action has been initiated to ensure that dividing walls between the ladies' and gents' toilets are raised up to the ceiling in all buildings in the departmental zone.
12.	28-03-2017	B.Tech. student	Unknown male	Indecent exposure through video call	03-04-2017	It was decided to get in touch with the Computer Centre and try to find the accused person.
13.	10-11-2017	Ph.D. scholar	Husband of another Ph.D. scholar	Video recording through bathroom window	15-11-2017 and 24-11-2017	The Committee could not arrive at a conclusion that the accused was the culprit. The committee decided that both families should be moved away to other quarters.

X *[Signature]*

14.	16-03-2018	B. Tech. student	Ph.D. scholar	Stalking	22-3-2018	The Committee found the accused to be suffering from psychological disorder and on medications for the past one and half years. The Committee noted he should continue treatment.
15.	19-03-2018	Part-time intern	M.Tech. student	Inappropriate behaviour	22-03-2018	The Committee noted that the accused was aware of his actions including unacceptable behaviour towards the complainant. At the behest of the committee, he submitted a letter of apology to the accused that he was regretful of his action and would not repeat it again.
16.	27-04-2018	Undergraduate student	Post graduate student	Stalking	01-05-2018	The accused accepted his stalking, but said he was under the impression that she reciprocated his feelings for her. The Committee made it clear to him that she was not interested in him. He submitted a letter of apology saying that he would not repeat this again.
17.	11-04-2018	Undergraduate student	Unknown male	Inappropriate touching	1-5-2018	The Committee asked her to take precautions while moving and the case was closed as the culprit could not be identified.
18.	16-08-2018	Graduate Trainee	Undergraduate student	Inappropriate behaviour		The Committee recommended that he submit a letter of apology to CCASH that he is regretful of his action and will not repeat it in future with any other girl as well.
19.	22-11-2018	A faculty member	A contract employee	Peeping into the ladies' toilet		Not found guilty. It was suggested to relocate the pantry away from the ladies' toilet

A. Jeyan

20.	22-11-2018	2 students	Undergraduate student	Inappropriate behaviour and inappropriate blogs on his website	The student has been asked to undergo a Gender Sensitization programme, failing which he will not be given his degree.
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[Handwritten signature]

Annexure B

List of Complaints related to Heads of departments, professors, lecturers

SL.NO.	Date of complaint	NAME & DESIGNATION OF COMPLAINANT	NAME & DESIGNATION OF THE ACCUSED	DESCRIPTION OF THE COMPLAINT	DATE OF FINAL DECISION & ACTION TAKEN	DETAILS OF ACTION TAKEN
1.	01-03-2016	Faculty member	Dual degree student	Vulgar email received from student	14-03-2016	Student denied the charges; opined that his email id might have been hacked by someone else; Committee warned him to be careful about his email account.
2.	22-11-2018	A faculty member	A contract employee	Peeping into the ladies' toilet		Not found guilty. It was suggested to relocate the pantry away from the ladies' toilet

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INDIAN INSTITUTE OF TECHNOLOGY MADRAS

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Dr. Jane Prasad, IP&TAFS
Registrar

Date: 07.02.2019

Mr. Kundan Nath
Under Secretary (IITs)
Ministry of Human Resource Development
Department of Higher Education
428-C, Shastri Bhawan
New Delhi-110011

Sir,

Sub: Rajya Sabha Starred question no. 54 for answer on 7.02.2019 regarding SC/ST & OBC posts lying vacant in Higher Educational Institutes.

Ref: MHRD email dated 05-02-2019 recd. from Shri. Arun Kumar Karn, ASO, TS-I, MHRD

With reference to the email cited above, the required information in respect of this Institute is furnished below.

Sl.no	Question																																		
A	<p>Whether it is a fact that a large number of posts in the categories of SC, ST & OBC are vacant in IITs; Reply: No, all the posts earmarked for SC/ST & OBC have been filled up periodically based on the requirement and availability of vacancies.</p>																																		
B	<p>The number of sanctioned posts in these categories and in general category in IITs and the number of vacant posts out of them, category - wise Reply:</p> <table border="1"> <thead> <tr> <th rowspan="2">Category</th> <th colspan="3">Sanctioned Strength category wise</th> <th colspan="3">Vacant Category wise</th> </tr> <tr> <th>OBC</th> <th>SC</th> <th>ST</th> <th>OBC</th> <th>SC</th> <th>ST</th> </tr> </thead> <tbody> <tr> <td>Group A</td> <td>4</td> <td>2</td> <td>1</td> <td>-</td> <td>2</td> <td>1</td> </tr> <tr> <td>Group B</td> <td>14</td> <td>7</td> <td>3</td> <td>-</td> <td>-</td> <td>1</td> </tr> <tr> <td>Group C</td> <td>54</td> <td>39</td> <td>1</td> <td>11</td> <td>8</td> <td>-</td> </tr> </tbody> </table> <p>Excluding single cadre posts and cadre having sanctioned posts up to 13 posts.</p>	Category	Sanctioned Strength category wise			Vacant Category wise			OBC	SC	ST	OBC	SC	ST	Group A	4	2	1	-	2	1	Group B	14	7	3	-	-	1	Group C	54	39	1	11	8	-
Category	Sanctioned Strength category wise			Vacant Category wise																															
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Group A	4	2	1	-	2	1																													
Group B	14	7	3	-	-	1																													
Group C	54	39	1	11	8	-																													
C	<p>The % of reservation in posts in IITs during the last three years along with details of vacant posts. Reply: i. Reservation for Teaching posts is followed as per MHRD letter F.No.16-8/2000-TS.I dated 09-06-2008. ii. The % of reservation for Non-Teaching posts is followed as per Govt. of India rules in force from time to time for SC/ST & OBC, present percentage details are furnished below: i) All India basis open competition : SC-15%, ST-7.5%, OBC - 27% All India basis otherwise than by open competition: SC-16.66%, ST 7.5%, OBC - 27% Regional Recruitment (for Group C Posts): SC-19% , ST-1% , OBC 27% <i>Vacant details for the last three years is enclosed (1 page).</i></p>																																		

D	S. No.	Question	Reply
	1.	Details of posts	Security Guards – 265 Security Shift-in-Charge – 9 Head Security Guards – 4 Helper – 50 Secretarial Assistant – 15 Technical Assistant – 8 Technical Associate – 12 Besides, a few posts are being recruited thro' outsourcing on need basis.
	2.	Number of staff engaged through the outsourcing agency for the last three years:	373 (As of January 2019)
	3.	Pay-scale	Wages per month as per minimum wages (including GST and all statutory compliance) Private Security Guards – Rs.23,958/- Private Security Shift i/c – Rs.26,318/- Private Head Security Guard – Rs.29,268/- TEXCO Security Guard – Rs. 45738/- TEXCO Head Security Guard – Rs.55,165/- Consolidated salary per month: Helper – Rs. 13,000/- Secretarial Assistant – Rs. 16,000/- Technical Assistant – Rs. 16,000/- Technical Associate – Rs. 17,000/-
	4.	Outsourcing agency during the last three years	1) M/s. Bavani Security & Night Patrol Pvt. Ltd., (BSNP) 2) M/s. Central Investigation & Security Services Ltd., (CISS) 3) M/s. Security and Intelligence Services (India) Limited (SIS) 4) M/s. Tamil Nadu Ex-servicemen's Corporation Limited (TEXCO) 5) M/s. Randstad India Pvt. Ltd.
E	Recruitment notifications are published in leading national daily newspaper, employment newspaper & institute website to fill up the vacant posts.		

Yours faithfully,


Registrar



INDIAN INSTITUTE OF TECHNOLOGY MADRAS
CHENNAI-600036

Email: recruit@iitm.ac.in

Telephone:044-22578115

Fax: 044-22570509



Dr. Jane Prasad, IP&TAFS
Registrar

Date: 08.02.2019

Mr. Kundan Nath
Under Secretary (IITs)
Ministry of Human Resource Development
Department of Higher Education
428-C, Shastri Bhawan
New Delhi-110011

Sub: Lok Sabha Starred question no. 101 for answer on 11.02.2019 regarding Vacant Posts.
Ref: MHRD email dated 06-02-2019 recd. from Shri. Kundan Nath, Under Secretary (IITs), MHRD

With reference to the email cited above, the required information in respect of this Institute is furnished below.

Sl.no	Question						
A	<p>The percentage of reservation for the people from OBC, SC & ST communities in jobs in the Ministry and its subordinate offices, central universities and other higher educational/technical/management institutes during the last three years;</p> <p>Reply:</p> <p>i. Reservation for Teaching posts is followed as per MHRD letter F.No.16-8/2000-TS.I dated 09-06-2008.</p> <p>ii.The % of reservation for Non-Teaching posts is followed as per Govt. of India rules in force from time to time for SC/ST & OBC, present % details are furnished below:</p> <p>i) All India basis open competition : SC-15%, ST-7.5%, OBC – 27%</p> <p>All India basis otherwise than by open competition: SC-16.66%, ST 7.5%, OBC – 27%</p> <p>Regional Recruitment (for Group C Posts): SC-19% , ST-1% , OBC 27%</p>						
B	<p>The number of vacant posts of OBC, SC & ST communities in the Ministry and its subordinate offices, central universities and other educational/technical/management institutes during the above period;</p> <p>Reply:</p> <p>Vacant posts details for the last three years is enclosed in the requested format (Annexure 1)</p>						
C	<table border="1"> <thead> <tr> <th>S. No.</th> <th>Question</th> <th>Reply</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Details of posts</td> <td>Security Guards – 265 Security Shift-in-Charge – 9 Head Security Guards – 4 Helper – 50 Secretarial Assistant – 15 Technical Assistant – 8</td> </tr> </tbody> </table>	S. No.	Question	Reply	1.	Details of posts	Security Guards – 265 Security Shift-in-Charge – 9 Head Security Guards – 4 Helper – 50 Secretarial Assistant – 15 Technical Assistant – 8
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		Technical Associate – 12 Besides, a few posts are being recruited thro' outsourcing on need basis.
2.	Number of staff engaged through the outsourcing agency for the last three years:	373 (As of January 2019)
3.	Pay-scale	<p>Wages per month as per minimum wages (including GST and all statutory compliance)</p> <p>Private Security Guards – Rs.23,958/- Private Security Shift i/c – Rs.26,318/- Private Head Security Guard - Rs.29,268/- TEXCO Security Guard – Rs. 45738/- TEXCO Head Security Guard – Rs.55,165/-</p> <p>Consolidated salary per month:</p> <p>Helper – Rs. 13,000/- Secretarial Assistant – Rs. 16,000/- Technical Assistant – Rs. 16,000/- Technical Associate – Rs. 17,000/-</p>
4.	Outsourcing agency during the last three years	<ol style="list-style-type: none"> 1) M/s. Bavani Security & Night Patrol Pvt. Ltd., (BSNP) 2) M/s. Central Investigation & Security Services Ltd., (CISS) 3) M/s. Security and Intelligence Services (India) Limited (SIS) 4) M/s. Tamil Nadu Ex-servicemen's Corporation Limited (TEXCO) 5) M/s. Randstad India Pvt. Ltd.
D& E	Not applicable.	

Yours faithfully,


Registrar