

REG/L-10/2019  
29<sup>th</sup> January, 2019

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

**Subject :- Lok Sabha Unstarred Question No. 78 to be replied on 04.02.2019 regarding 'IIT Students' asked by Shri Muthamsetti Srinivasa Rao**

Sir,

This has reference to your email dated 28<sup>th</sup> January, 2019 on the subject mentioned above. The requisite information pertaining to IIT Bombay is furnished below:

**Q: Whether the Government has suspended Indian Institute of Technology (IIT) first Year Students for not performing well in the exams.**

Ans: IIT Bombay do not suspend first year students for not performing well in the exams.

Moreover, the Senate of the Institute has set up the procedure to be followed in case of poorly performing students of the Institute. The Institute has taken up following initiatives to improve the academic standard of the students.

1. The SPE (Student Proficiency in English) programme has been arranged for new entrants.
2. A separate Faculty Advisor for SC / ST students has been appointed to monitor their performance
3. The Institute has Academic Rehabilitation Programme (ARP) for Under-graduate students and Academic Probation Scheme (AP) for Postgraduate students, whose performance falls below the level as detailed below:

**a) Academic Probation (AP)**

PG Students are required to maintain a minimum CPI of 6.00 at the end of each Semester for continuation in the Institute. Students having marginally lower SPI/CPI between 4.5 to 6 are placed on Academic Probation. During the semester of Academic Probation, student must obtain adequate SPI in the course work to take CPI higher than 6.00.

**b) Academic Rehabilitation Programme (ARP)**

Academic Rehabilitation Program (ARP) deals with students who are unable to cope up with the academic pressure and have been performing poorly. It acts as a buffer for such students and provides them with an opportunity to stay in IIT for completion of their degree. Students having FR or DX grades in 36 credits in core courses are transferred to ARP. Such students are closely monitored by the ARP Committee. The parents of the students are also informed accordingly.

If the students perform well in his/her ARP time, they are moved out of ARP. In case a student fails to perform in ARP, he/she is recommended for termination from the institute.

4) Student Mentorship programme is also in existence in the institute in which:

- a. A student mentor looks after the academic and overall progress of a group of ten to fifteen students of first year.
- b. Student mentors look after academically weak students of senior years to help them with their academics. Faculty advisor / mentor are also associated with such students.
- c. Academically weaker students are assigned student mentors on a one-to-one basis to help and guide them to cop up with the academic load. Their performance is being closely monitored under the guidance of a faculty co-coordinator.

Yours Sincerely



**(R Premkumar)**  
**Registrar**



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डॉ. प्रेमकुमार आर  
कुलसचिव

Dr. R. Premkumar  
Registrar

No.REG/L-10/2019  
Date: 05<sup>th</sup> February 2019

To  
Shri Kundan Nath  
Under Secretary  
Ministry of Human Resources Development  
Department of Higher Education  
428-C, Shastri Bhavan, New Delhi – 110 011.

Sub: Rajya Sabha Unstarred Question No. 512 regarding Centres for Artificial Intelligence.

Sir,

This has reference to your email dated 05<sup>th</sup> February, 2019 on the subject cited above. The requisite information pertaining to IIT Bombay is furnished below:

- whether the institutions of higher education like IITs have set up Centres for Artificial Intelligence in view of increasing use of Artificial Intelligence in view of increasing use of Artificial Intelligence (AI) technology in the world;
- if so the details thereof;

Ans: There is no specific Centre for Artificial Intelligence as yet in IIT Bombay. But, there are several faculty members in different departments, like Elect.Engg., Computer Science & Engg., Industrial Engineering and Operations Research (IEOR), Mechanical Engg. etc., have been working in this area and have been publishing in international journals and conferences.

- the courses proposed to be offered in these institutes;

Ans.: There are relevant UG and PG level courses at various departments.

- whether any collaboration is being made with global leaders in Artificial Intelligence and if so, the details thereof;

Ans.: IIT Bombay is helping local industry and companies in their effort in developing Artificial Intelligence based solutions.

Yours sincerely,

(R. Premkumar)  
Registrar



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Dr. R. Premkumar  
Registrar

शिघ्र डाक  
SPEED POST

No.REG/L-10/2019  
Date : 04<sup>th</sup> July, 2019

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

**Subject : LSUSQ No. 2480 regarding "Teaching/Non Teaching Staff in IIT/NIT"  
to be answered on 08/07/2019**

Dear Sir,

With reference to your email dated 02<sup>nd</sup> July 2019 on the subject cited above, following information is furnished :

(a) The total number of Indian Institutes of Technology (IITs), National Institutes of Technology (NITs) in the country, as on date;

**Reply : MHRD may reply.**

(b) The number of posts earmarked for Scheduled Caste/Scheduled Tribe (SC/ ST) category out of the total number of IITs/NITs posts, teaching as well as non-teaching;

**Reply : Information is provided in Annexures-I & II**

(c) whether all the posts earmarked for SC/ST category have been duly filled up;

**Reply : Information is provided in Annexures-I & II**

(d) If so, the details thereof, IIT/NITwise and if not, the reasons for not filling up these posts;

**Reply :** Reservation in Faculty Recruitment is applicable only at the level of Assistant Professor (Approx. 250 filled up posts). Reservation is there for Associate and Full Professor level for Shailesh J. Mehta School of Management (SJMSOM) and IISS. However, if reserved vacancies of Assistant Professor in the given year are not filled up by SC/ST/OBC to the extent of laid down percentage and due to non-availability of suitable candidates of these categories, such vacancies may be filled up by Unreserved category candidates, next year as per MHRD letter F. No. 16-8/2000-TS.I dtd. 09.06.2008.

(e) Whether the Government has any proposal to appoint the students who have completed their Ph.D or M.Tech from leading institutes like IITs/NITs and IITs in these posts and if so, the details thereof;

**Reply :** IIT Bombay has no such special recruitment plan. However, if such candidates fulfil IITB requirements for the faculty position, they can apply against rolling advertisement.

(f) Whether post-based roster is implemented in all IITs/NITs and if so, the details thereof?

**Reply :** Government policy on reservation as laid down in MHRD letter F. No. 16-8/2000-TS.I dtd. 09.06.2008 for recruitment of Faculty is followed. In case of non-faculty, post-based roster maintained.

For details of Teaching and Non-teaching staff kindly refer to Annexures-I and II.

Thanking you.

Yours sincerely



(R. Premkumar)  
Registrar

Encl. : Annexure-I & II

INDIAN INSTITUTE OF TECHNOLOGY BOMBAY

Faculty details

ANNEXURE-I

Sl. No.	Name of IIT	Total sanctioned post of faculty	Post earmarked for			Total Post filled	Post filled (faculty in position)			Total vacancy	Vacancy			Whether post-based roster is implemented
			SC	ST	OBC		SC	ST	OBC		SC	ST	OBC	
1	IIT Bombay	1054*	**	**	**	672	5	-	8	382	**	**	**	**

\* IIT Bombay follows flexible cadre system for appointment of Faculty. Sanctioned strength is calculated on the basis of Faculty : Student ratio i.e. 1:10 (Number of student on roll - 10549). Thus, the sanctioned strength of Faculty in different grades (i.e. Professor, Associate Professor, Assistant Professor) is not fixed.

\*\* As per MHRD letter F. No. 16-8/2000-TS.I dtd. 09.06.2008, posts of Professor and Associate Professor in Science and Technology subjects are exempted from reservation. The Institute has published rolling advertisement on IIT Bombay website since 2007 giving full details about percentage of reservation for SC/ST/OBC categories. Moreover, IIT Bombay advertises faculty position in leading newspaper/ Employment News every year.

Reservation in Faculty Recruitment is applicable only at the level of Assistant Professor (Approx. 250 filled up posts). However, if vacancies of Assistant Professor in the given year do not have representation of SC/ST/OBC to the extent of laid down percentage and due to non-availability of suitable candidates of these categories, such vacancies are filled up by Unreserved category candidates, next year as per MHRD letter mentioned above.

Direct Recruitment :

ANNEXURE- II

Sl No.	Name of IIT	Group	Total sanctioned post of Non-faculty	Post earmarked for			Total post filled	Post filled by			Total vacancy	Vacancy			Whether post-based roster is implemented
				SC	ST	OBC		SC	ST	OBC		SC	ST	OBC	
	Group A	For sanctioned more than 13	34	5	2	9	1	-	-	-	33	5	2	9	
		For sanctioned upto 13	44	L shaped Roster is being followed			38	4	-	5	6	L shaped Roster is being followed			
		Singular Post	13	No reservation			12	No reservation			1	No reservation			
	Group B	For sanctioned more than 13	158	23	11	42	147	21	10	37	11	2	1	5	
		For sanctioned upto 13	41	L shaped Roster is being followed			29	1	3	11	12	Posts will be advertised as per L shaped roster			
		Singular Post	2	No reservation			1	-	-	-	1	No reservation			
	Group C	For sanctioned more than 13	240	24	21	64	231	9	32	87	9	15	+11	+23	
		For sanctioned upto 13	23	L shaped Roster is being followed			21	1	0	6	2	L shaped Roster is being followed			
		Singular Post	2	No reservation			2	0	0	0	0	No reservation			

Cadres with no further recruitment:

Sl No.	Name of IIT	Group	Total sanctioned post of Non-faculty	Post earmarked for			Total post filled	Post filled by			Total vacancy	Vacancy	Whether post-based roster is implemented
				SC	ST	OBC		SC	ST	OBC			
		C	-	-	-	-	348	84	45	44	-	-	-





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डॉ. प्रेमकुमार आर  
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Dr. R. Premkumar  
Registrar

REG/L-10/2019  
17<sup>th</sup> July, 2019

To,  
Dr (Mrs) Anita Aggarwal (Scientist D)  
Department of Science & Technology  
Technology Bhawan, New Mehrauli Road  
New Delhi-110 016.

**Subject: Starred /Unstarred Parliament Question Rajya Sabha on "Research in the methodologies for preventing manual scavenging" (No S4937) to be answered on 23/07/2019.**

Dear Madam,

This has reference to your email dated 15.07.2019 to the Director, IIT Bombay on the subject cited above. The requisite information pertaining to IIT Bombay is furnished as below:

a) **Whether Government has initiated and conducted research in various methodologies for preventing manual scavenging**

**Ans:** IIT Bombay has not taken such Research Projects in the recent past years on the subject mentioned above.

b) **The reasons for not being able to commercialize these technologies and large number of deaths still?**

**Ans: Not Applicable.**

Yours Faithfully,

REGISTRAR

Copy to:

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



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डॉ. प्रेमकुमार आर  
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Dr. R. Premkumar  
Registrar

REG/M-1/47/2019  
18<sup>th</sup> July, 2019

To,  
Arun Kumar Karn  
Assistant Section Officer  
Technical Section-1  
Department of Higher Education  
Ministry of Human Resource Development  
216-D, Shastri Bhawan, New Delhi

Subject: Lok Sabha Unstarred Question No.4642 for answer on 22.07.2019 regarding  
'Students Death in Central Institutions

Sir,

This has reference to your email dated 18<sup>th</sup> July, 2019 on the subject mentioned above. The requisite information pertaining to IIT Bombay is furnished below:

(a) Whether the Government has taken note of incidents of student's arrest / suicide and deaths in the Central Institutions of Higher Education as well as in professional colleges across the country particularly in Jawaharlal Nehru University in New Delhi and Aligarh Muslim University.

Ans: On getting information related suicide or attempted, security immediately takes action to check the students whereabouts. Either Faculty / Prof-In-Charge tries to console the victim. The Parents are immediately informed for emergency situations.

(b) If so, the number of such cases reported during the last three years including current year, year-wise/ institution-wise/death/suicide separately.

Sr. No.	Name of the Students	Date / year	Reason
1	Shri Sai Siddhardha Majji	11.03.2019	Train accident in Mumbai
2	Shri Jaideep Pradip Swain	Sept, 2018	Suicide case
3	Shri Prabhu Solanki	March, 2018	Brain Hemorrhage

(c) The steps taken by the Government to curb the serious situations in such educational institutions?

Ans:

- Students who are taking counseling and show harm signs are proactively helped by creating support structure for him.
- Students are also made aware that counsellors are available 24/7 and hostel visits are made to attend to students who wish to be helped in their respective rooms.
- For emergency situations Hospital is contacted for immediate medical help and primary care taker are then taken into confidence.

Yours Faithfully,

REGISTRAR



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Dr. R. Premkumar

Registrar

REG/L-10/2019  
23<sup>rd</sup> July, 2019

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

**Subject :- Rajya Sabha Unstarred Question No. 3731 to be replied on 25.07.2019 regarding attrition in IITs and IIMs asked by Shri V. Vijayasai Reddy**

Sir,

This has reference to your email dated 22<sup>nd</sup> July, 2019 on the subject mentioned above. The requisite information is furnished below:

(a) Whether the Ministry has tried to find out the reasons for attrition in IITs and IIMs in the Country.

Ans: May be replied by MHRD

(b) Whether it is a fact that nearly 2,000 students dropped out from IITs and IIMs during the last two years.

Ans:

YEAR	UG (B.Tech. / DD / B.S. / B.Des / M.Sc.)					PH.D.					M.TECH. / M.DES. / M.PHIL.				
	TOTAL	GN	SC	ST	OBC	TOTAL	GN	SC	ST	OBC	Total	GN	SC	ST	OBC
2018	8	5	1	0	2	8	5	2	0	1	50	26	10	4	10
2017	2	2	0	0	0	38	27	2	0	9	157	83	22	8	44

The reasons being students' personal preferences for better job opportunities, for higher studies abroad, withdrawal due to realization of wrong choices filled etc.

*mb*

(c) If so, the details thereof, IIT-wise and IIM-wise and the remedial measures taken or proposed to be taken by the Ministry to arrest this trend.

Ans:

- (i) All SC/ST students admitted are exempted from payment of tuition fees irrespective of their parental income.
- (ii) In UG Programmes, SC/ST students are awarded scholarship viz., free messing (basic menu), pocket allowance of Rs. 250/- per month and exemption from payment of hostel seat rent of Rs. 500/- per semester provided their parental income is below Rs. 4,50,000/- per annum.
- (iii) All students including SC/ST students in the final year (9th and 10th semesters) of Dual degree programme are eligible for Teaching Assistantship on the basis of their CPI till at the end of 8th semester. Students with CPI 8.00 and above entitled for TA ship @ Rs. 12,400/- per month and students with CPI between 6.00 and 7.99 entitled for TA ship @ Rs. 6,000/- per month. The cases of the students with CPI below 6.00 are also considered and decided by the Head of the Department for payment of appropriate TA ship at lower rate.
- (iv) All students including SC/ST students with B.Tech. degree from IITs with CGPA/CPI 8.00 and above, are eligible to apply for direct admission to M.Tech. Programme (i.e. without GATE score)
- (v) A preparatory course (for B.Tech.Programme) of one academic year exists exclusively for SC/ST students. Selection for this course is made from the Joint Entrance Examination list of SC/ST students who did not qualify for admission. On successful completion of the preparatory course at the IIT, they are eligible to join the UG programme and they do not require to write the JEE again.
- (vi) There is SC/ST student adviser who look into representations of SC/ST students and advise them.
- (vii) There is a programme known as Academic Rehabilitation Programme (for UG students) / Academic Probation Programme (for PG students) for weaker students to achieve the required credit / clear the course requirements of the programmes.

(d) The details of SC, ST and OBC students who dropped out of above institutions during that Period.

Ans: Kindly refer to answer (b).

Yours Sincerely



(R Premkumar)  
Registrar



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Dr. R. Premkumar  
Registrar

REG/L-10/2019  
29<sup>th</sup> July, 2019

To  
Arun Kumar Karn  
Assistant Section Officer  
Technical Section-1  
Department of Higher Education  
Ministry of Human Resource Development  
216-D, Shastri Bhawan, New Delhi

Subject :- Parliamentary Assurance arising out of Lok Sabha Unstarred Question No.5646 dated  
26.07.2019.

Sir,

This has reference to your email dated 26.07.2019 on the subject mentioned above. The requisite information pertaining to IIT Bombay is furnished below:

- (a) The number of patent rights granted to academic /R&D institutions including Council of Scientific and Industrial Research (CSIR), Indian Institutes of Technology (IITs), Indian Institute of Science (IISc), Indian Institutes of Information Technology (IIITs) in the country during the last five years

Ans:

Financial Year	Total Patents granted (Both National & International)
2014-2015	18
2015-2016	32
2016-2017	25
2017-2018	26
2018-2019	36

- (b) New initiatives being taken by the Government to promote research works in the country in this modern age of stiff competition and Intellectual Property Right regime
- (c) The mechanism in place to prevent repetition and wasteful research works in the country
- (d) Whether any help in this regard has been sought from the IITs and other institutions and if so, the details thereof
- (e) Whether any funds have been earmarked/proposed to be earmarked by the Government to improve or to make the new technology errors free, if so, the details thereof.

Ans: With respect to (b) (c) (d) & (e) MHRD may reply.

Yours Sincerely

  
REGISTRAR

L-10



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Dr. R. Premkumar  
Registrar

No.REG/L-10/2019

Date: November 18, 2019

To

Arun Kumar Karn  
Assistant Section Officer  
Technical Section-1  
Department of Higher Education  
Ministry of Human Resource Development  
Government of India,  
Shastri Bhavan, New Delhi - 110 115.

Subject: Rajya Sabha Unstarred Q. No. ~~540~~ regarding "Admission of tribals in IITs/IIMs" for answer on 21.11.2019.

Dear Sir,

Please refer to your email dated 16<sup>th</sup> November 2019, regarding Admission of tribals in IITs/IIMS. In this connection, the information pertaining to IIT Bombay is as follows:

(a) the number of tribals who got into IITs and IIMs during the past 5 years;

Ans: The information is furnished in Annexure – I.

(b) the details of steps taken by Government to ensure that more tribals get into these institutions?

Ans.: The information is furnished in Annexure – II.

Yours faithfully,

(R. Premkumar)  
Registrar

Annexure - I

Year-wise details of tribal students who got into IITs															
Name of the Institute	Year			Year			Year			Year					
	2014			2015			2016			2017			2018		
	UG	PG	Ph.D	UG	PG	Ph.D	UG	PG	Ph.D	UG	PG	Ph.D	UG	PG	Ph.D
Indian Institute of Technology Bombay	66	72	5	67	66	5	69	64	14	71	57	6	74	63	9

## Annexure-II

### **(b) the details of steps taken by Government to ensure that more tribals get into these institutions?**

1. As per the GoI orders 7.5%, seats are reserved for ST students respectively in all Undergraduate, Postgraduate and Ph.D. programmes.
2. A concession of 10% in the marks is given to students belonging to ST category to that of GN category (in their Qualifying Degree Marks), while considering admission for Undergraduate, Postgraduate, Ph.D. programmes.
3. For PG programme of M.Tech. where the admission is on the basis of "GATE score", the students belonging to ST category are given 2/3 concession in GATE score to that of GN candidates. For PG programmes of M.Tech., M.Des., M.Phil., M.Mgt., and Ph.D. where admission is through "written test / interview" the students belonging to ST category are given 2/3 concession in written test / interview marks to that of GN candidates.
4. For Undergraduate programme (B.Tech.), a preparatory course of one academic year exists exclusively for ST students. Selection for this course is made from the Joint Entrance Examination list of ST students, who did not qualify for admission, upto 7.5% respectively. On successful completion of the preparatory course at the IIT, they are eligible to join the Undergraduate programme and they do not require to write the JEE again.
5. All ST students admitted to Undergraduate, Postgraduate and Ph.D. programmes are exempted from payment of tuition fees irrespective of their parental income.
6. The eligible ST students of Undergraduate and M.Sc. programmes are granted the facilities of free messing (basic menu), pocket allowance of Rs. 500/- per month and exemption from payment of hostel seat rent. The parental income is the basis for the means criterion of the scholarship.
7. All students including ST students in the final year (9<sup>th</sup> and 10<sup>th</sup> semesters) of Dual degree programme are eligible for Teaching Assistantship on the basis of their CPI till at the end of 8<sup>th</sup> semester. Students with CPI 8.00 and above entitled for TAship @ Rs. 12,400/- per month and students with CPI between 6.00 and 7.99 entitled for TAship @ Rs. 6,000/- per month. The cases of the students with CPI below 6.00 are also considered and decided by the Head of the Department for payment of appropriate TAship at lower rate.
8. There is a faculty advisor to look after/solve the issues of the students belonging to ST category.
9. All ST students (B.Tech. & DD) are given free book bank facilities.
10. All PG/PhD students belonging to ST category admitted under TA category are paid MHRD TAship.





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डॉ. प्रेमकुमार आर

कुलसचिव

Dr. R. Premkumar

Registrar

No.REG/L-10/2019

Date: November 20, 2019

To

Arun Kumar Karn  
Assistant Section Officer  
Technical Section-1  
Department of Higher Education  
Ministry of Human Resource Development  
Government of India,  
Shastri Bhavan, New Delhi - 110 115.

Subject: Rajya Sabha Question Diary No. U1018 regarding  
"Dropout rate and early exit in IITs and IIMs".

Dear Sir,

Please refer to your email dated 18<sup>th</sup> November 2019, on the subject cited above. The requisite information pertaining to IIT Bombay is furnished below:

- (a) whether the country's premier engineering institutes including the IITs/IIMs are planning to permit academically weak students to exit early, after with a B.Sc. degree in engineering;  
(b) if so, the details thereof;

Ans. : There is no such proposal at present. MHRD may respond accordingly.

- (c) whether Government has planned to change the current financial structure of the IITs and grant them autonomous status;  
(d) if so, the details thereof;

Ans.: MHRD may respond.

- (e) number of IIT drop out students during the last three years;

Ans.: 2016 : 189  
2017 : 195  
2018 : 80

- (f) Measures taken / facilities provided to reduce the dropout rate :

Ans: 1. The Institute takes special care for students with weak academic performance by putting them in ARP (Academic Rehabilitation Programme of the Institute for UG students) and Academic Probation (AP of the Institute for PG students).



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डॉ. प्रेमकुमार आर  
कुलसचिव

Dr. R. Premkumar  
Registrar

No.REG/L-10/2019

Date: November 20, 2019

To

Arun Kumar Karn  
Assistant Section Officer  
Technical Section-1  
Department of Higher Education  
Ministry of Human Resource Development  
Government of India,  
Shastri Bhavan, New Delhi - 110 115.

Subject: Rajya Sabha Question Diary No. U1018 regarding  
"Dropout rate and early exit in IITs and IIMs".

Dear Sir,

Please refer to your email dated 18<sup>th</sup> November 2019, on the subject cited above. The requisite information pertaining to IIT Bombay is furnished below:

- (a) whether the country's premier engineering institutes including the IITs/IIMs are planning to permit academically weak students to exit early, after with a B.Sc. degree in engineering;  
(b) if so, the details thereof;

Ans. : There is no such proposal at present. MHRD may respond accordingly.

- (c) whether Government has planned to change the current financial structure of the IITs and grant them autonomous status;  
(d) if so, the details thereof;

Ans.: MHRD may respond.

- (e) number of IIT drop out students during the last three years;

Ans.: 2016 : 189  
2017 : 195  
2018 : 80

- (f) Measures taken / facilities provided to reduce the dropout rate :

Ans: 1. The Institute takes special care for students with weak academic performance by putting them in ARP (Academic Rehabilitation Programme of the Institute for UG students) and Academic Probation (AP of the Institute for PG students).

2. The eligible ST students of Undergraduate and M.Sc. programmes are granted the facilities of free messing (basic menu), pocket allowance of Rs. 500/- per month and exemption from payment of hostel seat rent. The parental income is the basis for the means criterion of the scholarship.
3. Merit-cum-Means scholarship is awarded to the eligible students to a maximum of 25% of sanctioned Intake of students.
4. All students in the final year (9th and 10th semesters) of Dual degree programme are eligible for Teaching Assistantship on the basis of their CPI till at the end of 8th semester. Students with CPI 8.00 and above entitled for TAship @ Rs.12,400/- per month and students with CPI between 6.00 and 7.99 are entitled for TAship @ Rs.6,000/- per month. The cases of the students with CPI below 6.00 are also considered and decided by the Head of the Department for payment of appropriate TAship at lower rate.
5. There is a faculty adviser to look after / solve the issues of the students belonging to SC/ST category.
7. All SC/ST students (B.Tech. & Dual Degree) are given free book bank facilities.
8. All PG/PhD students belonging to SC/ST category admitted under TA category are paid MHRD TAship.
8. All SC/ST/PD students admitted to Undergraduate, Postgraduate and Ph.D. programmes are exempted from payment of tuition fees irrespective of their parental income.
10. For PG programme of M.Tech. where the admission is on the basis of "GATE score", the students belonging to ST category are given 2/3 concession in GATE score to that of GN candidates. For PG programmes of M.Tech., M.Des., M.Phil., M.Mgt., and Ph.D. where admission is through written test / interview, the students belonging to ST category are given 2/3 concession in written test / interview marks to that of GN candidates.
11. For Undergraduate programme (B.Tech.), a preparatory course of one academic year exists exclusively for ST students. Selection for this course is made from the Joint Entrance Examination list of ST students, who did not qualify for admission, up to 7.5% respectively. On successful completion of the preparatory course at IIT, they are eligible to join the Undergraduate programme and they do not require to write the JEE again.

Yours faithfully,



(R. Premkumar)  
Registrar



L-10  
भारतीय प्रौद्योगिकी संस्थान मुंबई  
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डॉ. प्रेमकुमार आर  
कुलसचिव

Dr. R. Premkumar  
Registrar

No.REG/L-10/2019

Date: November 25, 2019

To

Shri P.J. Soundararajan  
Under Secretary (IITs)  
Department of Higher Education  
Ministry of Human Resource Development  
Government of India,  
Shastri Bhavan, New Delhi - 110 115.

Subject: Rajya Sabha Question Diary No. U1204 regarding  
"Dropout rate and early exit in IITs and IIMs".

Dear Sir,

Please refer to your email dated 25<sup>th</sup> November 2019, on the subject cited above. The requisite information pertaining to IIT Bombay is furnished below:

- (a) whether the country's premier engineering institutes including the IITs/IIMs are planning to permit academically weak students to exit early, after with a B.Sc. degree in engineering;  
(b) if so, the details thereof;

Ans. : There is no such proposal at present. MHRD may respond accordingly.

- (c) whether Government has planned to change the current financial structure of the IITs and grant them autonomous status;  
(d) if so, the details thereof;

Ans.: MHRD may respond.

- (e) number of IIT drop out students during the last three years;

Ans.: 2014 : 192  
2015 : 230  
2016 : 189  
2017 : 195  
2018 : 80

- (f) Measures taken / facilities provided to reduce the dropout rate :

Ans: 1. The Institute takes special care for students with weak academic performance by putting them in ARP (Academic Rehabilitation Programme of the Institute for UG students) and Academic Probation (AP of the Institute for PG students).

2. The eligible ST students of Undergraduate and M.Sc. programmes are granted the facilities of free messing (basic menu), pocket allowance of Rs. 500/- per month and exemption from payment of hostel seat rent. The parental income is the basis for the means criterion of the scholarship.
3. Merit-cum-Means scholarship is awarded to the eligible students to a maximum of 25% of sanctioned Intake of students.
4. All students in the final year (9th and 10th semesters) of Dual degree programme are eligible for Teaching Assistantship on the basis of their CPI till at the end of 8th semester. Students with CPI 8.00 and above entitled for TAship @ Rs.12,400/- per month and students with CPI between 6.00 and 7.99 are entitled for TAship @ Rs.6,000/- per month. The cases of the students with CPI below 6.00 are also considered and decided by the Head of the Department for payment of appropriate TAship at lower rate.
5. There is a faculty adviser to look after / solve the issues of the students belonging to SC/ST category.
7. All SC/ST students (B.Tech. & Dual Degree) are given free book bank facilities.
8. All PG/PhD students belonging to SC/ST category admitted under TA category are paid MHRD TAship.
8. All SC/ST/PhD students admitted to Undergraduate, Postgraduate and Ph.D. programmes are exempted from payment of tuition fees irrespective of their parental income.
10. For PG programme of M.Tech. where the admission is on the basis of "GATE score", the students belonging to ST category are given 2/3 concession in GATE score to that of GN candidates. For PG programmes of M.Tech., M.Des., M.Phil., M.Mgt., and Ph.D. where admission is through written test / interview, the students belonging to ST category are given 2/3 concession in written test / interview marks to that of GN candidates.
11. For Undergraduate programme (B.Tech.), a preparatory course of one academic year exists exclusively for ST students. Selection for this course is made from the Joint Entrance Examination list of ST students, who did not qualify for admission, up to 7.5% respectively. On successful completion of the preparatory course at IIT, they are eligible to join the Undergraduate programme and they do not require to write the JEE again.

Yours faithfully,



(R. Premkumar)  
Registrar



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डॉ. प्रेमकुमार आर  
कुलसचिव

Dr. R. Premkumar  
Registrar

No.AO/Admin.I/2019  
02<sup>nd</sup> December, 2019

To,  
Arun Kumar Karn  
Assistant Section Officer  
Technical Section-1,  
Department of Higher Education  
Ministry of Human Resource Development  
New Delhi 110001

**Subject :** Rajya Sabha Unstarred Question No. 1994 regarding "Benefit of reservation in educational institutes" to be answered on 05.12.2019

Dear Sir,

With reference to email dated 30.11.2019, information as requested is furnished below :

(a) whether it is a fact that the benefit of reservation is not being given to Scheduled Castes, Scheduled Tribes and Other Backward Classes in the teaching and management positions of higher educational institutes such as IITs, IIMs, IHMs and universities and if so, the details thereof;

Reply – Benefit of reservation is being given to Scheduled Castes, Scheduled Tribes and Other Backward Classes in the teaching and management positions in this institute as per Govt. of India Policy.

(b) whether Government proposes to implement the reservation system effectively in such institutes; and

Reply – We have recently received O.M. No.32-20/2019-TS.I dated 18.11.2019 from MHRD. This was taken up in BoG Meeting and it will be implemented after approval.

(c) if so, the dates on which higher educational institutes have been directed by Government to fill up vacant posts during the last three years?

Reply – MHRD may please reply on this.

Thanking you,

Sincerely Yours

  
Registrar

REG/L-10/2019  
2<sup>nd</sup> December, 2019

To  
Shri Pankaj Kumar,  
Assistant Director (PMI,P&I)  
Department of Fertilizers (IITs),  
Ministry of Chemicals and Fertilizers  
Shastri Bhawan  
New Delhi - 110001 (India)

**Subject: - Rajya Sabha Provisionally admitted Question No. S1096 regarding  
"Nano-Technology based fertilizers"**

Sir,

This has reference to the letter no.11017/1/2019-PMI-III dated 14<sup>th</sup> November 2019 addressed to the Director, IIT Bombay on the subject mentioned above. The requisite information pertaining to IIT Bombay is furnished below:

**(a) Whether Nano technology based fertilizers have been introduced in the country.**

Ans. Yes, very recently, to deliver micro nutrients like Zinc, Nitrates and Copper. This has just very recently been introduced in the country.

**(b) If so, the details thereof and the reasons therefor**

Ans. While above mentioned micro nutrients elements are important (IFFCO has recently introduced few micro nutrients as above, in the country), there are many other micro nutrients whose application at Nano level needs to be estimated in terms of proportion, and mechanisms to deliver them need to be developed.

**(c) Whether these products would reduce dependency on chemical fertilizers and increase productivity.**

Ans. They would definitely help improving productivity and reducing cost while preserving top soil quality.

**(d) If so, the details thereof.**

Ans. Same as (C).

Yours Sincerely



REGISTRAR



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डॉ. प्रेमकुमार आर  
कुलसचिव

Dr. R. Premkumar  
Registrar

No.REG/L-10/2019  
Date : 03<sup>rd</sup> December, 2019

To  
Shri Arun Kumar Karn  
Assistant Section Officer  
Technical Section - I  
Department of Higher Education  
Shastri Bhawan, New Delhi-110015.

Subject : Rajya Sabha Unstarred Question No.2041 regarding Setting up dedicated cells in IITs in collaboration with ISRO.

Dear Sir,

With reference to your email dated November 30<sup>th</sup> 2019 on the subject cited above, following information is furnished :

(a) whether ISRO has taken an initiative to involve IITs in high end space technology by pursuing them to set up dedicated cells. (b) if so, the details thereof;

Ans : Yes, ISRO-IIT(Bombay) Space Technology Cell was established in 1984.

(c) Which are the major research areas in which ISRO desires development of high end technology in collaboration with IITs?

Ans.: Major research areas in which projects are undertaken in IIT Bombay during the last 3 Financial Years, 2019-20, 2018-19 & 2017-18 are as follows :

Artificial Intelligence/Machine Learning and Image Processing, Climate change and floods Coastal and marine water quality assessment using remote sensing, Composite materials such as Radiation Hardened Devices, Computational Fluid Dynamics, Control and Guidance, Design of sensors, Electronic devices for space, Fuel cells, Material failure, simulation/prediction, Rocket Engines, Rocket Fuels, SAR Polarimetry and Interferometry, Satellite Control, Satellite tracking and Snow/Ice studies.

(d) whether ISRO would fund the identified projects or IITs themselves would arrange the resources?

Ans: The projects are fully funded by ISRO.

Yours sincerely

(R. Premkumar)  
Registrar



REG/L-10/2019  
4<sup>th</sup> December, 2019

To  
Shri P.J. Soundararajan  
Under Secretary (IITs)  
Department of Higher Education  
Ministry of Human Resource Development  
428-C, Shastri Bhavan,  
New Delhi – 110011.

**Subject: - information sought by the OBC Commission to Examine  
Sub-Categorization of OBCs - req.**

Sir,

This has reference to the email dated 3<sup>rd</sup> December, 2019 addressed to the Director, IIT Bombay on the subject mentioned above. The requisite information pertaining to IIT Bombay is furnished below:

**Data on Faculty**

**Annexure-1**

Name of Institution	Sanctioned faculty strength	Number of faculty members in position (as on date)	Number of OBCs among them	Number of faculty position filled during 2018	Number of OBCs among them	Number of faculty position filled during 2017	Number of OBCs among them	Number of faculty position filled during 2016	Number of OBCs among them	Number of faculty position filled during 2015	Number of OBCs among them	Number of faculty position filled during 2014	Number of OBCs among them
IIT Bombay	*1091	677	10	101	1	95	2	92	3	118	--	114	2

\* sanctioned strength (calculated based on faculty student ratio 1: 10) at IIT Bombay

**Data on Students**

**Annexure-2**

Name of Institution	2019-20		2018-19		2017-18		2016-17		2015-16		2014-15	
	Number of Students admitted during	Number of OBCs among them	Number of Students admitted during	Number of OBCs among them	Number of Students admitted during	Number of OBCs among them	Number of Students admitted during	Number of OBCs among them	Number of Students admitted during	Number of OBCs among them	Number of Students admitted during	Number of OBCs among them
IIT Bombay	2923	751	2883	759	2790	701	2800	709	2749	693	2681	661

Yours Sincerely

  
REGISTRAR

REG/L-10/2019  
4<sup>th</sup> December, 2019

To  
Shri P.J. Soundararajan  
Under Secretary (IITs)  
Department of Higher Education  
Ministry of Human Resource Development  
428-C, Shastri Bhavan,  
New Delhi – 110011.

**Subject: - Lok Sabha Unstarred Question No. 3307 for answer on 09.12.2019 regarding Ph.D Students**

Sir,

This has reference to the email dated 3<sup>rd</sup> December, 2019 addressed to the Director, IIT Bombay on the subject mentioned above. The requisite information pertaining to IIT Bombay is furnished below:

(a) The number of students pursuing Doctorate of Philosophy across the country;

Ans: 3079

(b) The details of Doctorate of Philosophy awarded in the country, State-wise, especially in Andhra Pradesh during the last five years;

Ans:

Years	Total No. of Doctorate of Philosophy
2018	12
2017	14
2016	16
2015	12
2014	14

(c) The details of stipend given to Ph.D students from various fields;

Ans: Details are enclosed.

(d) Whether there is any plan to increase the current number of Ph.D students in Arts and Sciences to promote better research outcomes;

&

(e) if so, the details thereof; and (f) if not, the reasons therefor

Ans: A proposal for Dual Degree (M.A.+Ph.D.) programme with Philosophy as specialization for M.A. degree has been approved in principle by the Senate of IIT Bombay and decision is to be taken on starting this programme from the next academic year i.e. 2020-21.

Yours Sincerely



REGISTRAR



**MHRD Teaching Assistantship (Revised w.e.f. 01-01-2019)  
Ph.D.**

Last qualification	Total Period Fellowship (Maximum Duration)	Amount of Fellowship
B.E./B.Tech./B.Arch./B.Sc.(Engg.)/M.Sc./MA or equivalent with GATE or National Level Test conducted by CSIR, UGC, NBHM etc. For SJMSOM-B.Sc./B.Com. and M.B.A. M.E./M.Tech./M.Arch./M.Sc. Tech (Engg) or equivalent. M.B.B.S. With one year internship with GATE or AIIMS/MCI for MD/MS (For Medical graduates) For SJMSOM- B.E./B.Tech. and M.B.A.	Five years from date of joining till date of submission of Thesis or change of category or cancellation of registration, whichever is earlier.	@ Rs. 31000/- p.m. for 1 <sup>st</sup> two years. @ Rs. 35000/- p.m. for remaining years (i.e. 3 <sup>rd</sup> , 4 <sup>th</sup> , & 5 <sup>th</sup> year). On completion of 2 years of fellowship & on receipt of satisfactory report on successful presentation of Progress Seminar, fellowship will be enhanced.

Ph.D. - Dual Degree (M.Tech./M.Phil. + Ph.D.) : Converted to Ph.D. Programme after successful presentation of Research Proposal and who directly admitted to M.Tech. + Ph.D. Programme

Programme	Total Period Fellowship (Maximum Duration)	Amount of Fellowship
TA (M.Tech.) converted to TA (Ph.D.) & TA (M.Tech.) converted to RA (Ph.D.)	Six years, from the date of joining the M.Tech./M.Phil. programme till date of submission of thesis or till date of change of category or till date of cancellation of registration, whichever is earlier.	(i) @ Rs. 12,400/- p.m. (M.Tech./M.Phil.-TA Fellowship) till date of successful presentation of Research Proposal or till 30 <sup>th</sup> June (end of 4 <sup>th</sup> semester), whichever is earlier. (ii) @ Rs. 31000/- p.m. (Ph.D.-TA Fellowship) from the date of research proposal till the end of third year (from the date of joining the M.Tech. Prog.). (iii) @ Rs. 35000/- p.m. (at enhanced rate) for remaining years. (i.e. 4 <sup>th</sup> , 5 <sup>th</sup> & 6 <sup>th</sup> year).

Ph.D. - Dual Degree (M.Sc. + Ph.D.) : Converted to Ph.D. Programme after successful completion of course credit requirement of M.Sc.

Programme	Total Period Fellowship (Maximum Duration)	Amount of Fellowship
Dual Degree (M.Sc.+Ph.D)	Seven years, from date of joining prog. till date of Submission of Thesis or change of category or Cancellation of Registration, whichever is earlier.	@ Rs. 6000/ p.m. for 1 <sup>st</sup> two years (during the M.Sc. Prog.) @ Rs. 31000/- p.m. After completion of course credit requirement of M.Sc. student is switched over to Ph.D. Programme, fellowship will be enhanced for next two years (3 <sup>rd</sup> & 4 <sup>th</sup> year of DD programme) @ Rs. 35000/- p.m. for next three years ( 5 <sup>th</sup> , 6 <sup>th</sup> & 7 <sup>th</sup> yr). After completion of 4 <sup>th</sup> year of DD prog. & on receipt of satisfactory report on successful presentation of Progress Seminar, fellowship be enhanced.

Institute Research Assistantship (Revised w.e.f. 01-01-2019)

Last qualification	Total Period Fellowshipship (Maximum Duration)	Amount of Fellowship
B.E./B.Tech./B.Arch./B.Sc.(Engg.)/M.Sc./MA or equivalent with GATE or National Level Test conducted by CSIR, UGC, NBHM etc. For SJMSOM-B.Sc./B.Com. and M.B.A. M.E./M.Tech./M.Arch./M.Sc. Tech (Engg) or equivalent. M.B.B.S. With one year internship with GATE or AIIMS/MCI for MD/MS (For Medical graduates) For SJMSOM- B.E./B.Tech. and M.B.A.	Five years from date of joining till date of submission of Thesis or change of category or cancellation of registration, whichever is earlier.	@ Rs. 35000/- p.m. for 1 <sup>st</sup> two years. @ Rs. 39000/- p.m. for remaining years (i.e. 3 <sup>rd</sup> , 4 <sup>th</sup> , & 5 <sup>th</sup> year). On completion of 2 years of fellowship & on receipt of satisfactory report on successful presentation of Progress Seminar, fellowship will be enhanced.

Ph.D. - Dual Degree (M.Tech./M.Phil. + Ph.D.) Converted to Ph.D. Programme after successful presentation of Research Proposal and who directly admitted to M.Tech. + Ph.D. Programme

Programme	Total Period Fellowship (Maximum Duration)	Amount of Fellowship
RA (M.Tech.) converted to RA (Ph.D.) &	Seven years, from the date of joining the M.Tech./M.Phil. programme till date of submission of thesis or till date of change of category or till date of cancellation of registration, whichever is earlier.	(i) The fellowship to be paid at the rate of M.Tech. (RA) fellowship, as applicable, till the date of successful presentation of Research Proposal or till 30 <sup>th</sup> June (end of 6 <sup>th</sup> semester), whichever is earlier. (ii) @ Rs. 35000/- p.m. (Ph.D-RA Fellowship) from the date of research proposal till the end of fourth year (from the date of joining the M.Tech. Programme). (iii) @ Rs. 39000/- p.m. (at enhanced rate) for remaining years.
RA (M.Tech.) converted to TA (Ph.D.)	Seven years, from the date of joining the M.Tech./M.Phil. programme till date of submission of thesis or till date of change of category or till date of cancellation of registration, whichever is earlier.	(i) The fellowship to be paid at the rate of M.Tech. (RA) fellowship, as applicable, till the date of successful presentation of Research Proposal or till 30 <sup>th</sup> June (end of 6 <sup>th</sup> semester), whichever is earlier. (ii) @ Rs. 31000/- p.m. (Ph.D-RA Fellowship) from the date of research proposal till the end of fourth year (from the date of joining the M.Tech. Programme). (iii) @ Rs. 35000/- p.m. (at enhanced rate) for remaining years.

CSIR Fellowship (For Ph.D. Students)

Sr. No.	Description	Amount
1.	Junior Research Fellow	Rs. 31,000/- for 2 years.
2.	Senior Research Fellow	Rs. 35,000/- for next 3 years.
3.	Contingency	Rs. 20,000/- p.a.
Maximum period of 5 years including JRF and SRF		

CSIR SPMF (Shyam Prasad Mukherjee Fellowship)

Sr. No.	Description	Amount
1.	Junior Research Fellow	Rs. 36,000/- for 2 years.
2.	Senior Research Fellow	Rs. 42,000/- for next 3 years.
3.	Contingency	Rs. 70,000/- p.a.
Maximum period of 5 years including JRF and SRF		

UGC Fellowship (For Ph.D. Students)

UGC Fellowship (HSS and Engg. & Technology)

Sr. No.	Description	Amount
1.	Junior Research Fellow	Rs. 25,000/- for 2 years. Plus Contingency amount Rs. 12,000/- per year.
2.	Senior Research Fellow	Rs. 28,000/- for next 3 years. Contingency amount Rs. 25,000/- per year.
3.	Contingency	Rs. 70,000/- p.a.
Maximum period of 5 years including JRF and SRF		

UGC Fellowship (Rajiv Gandhi National Fellowship SC)

Sr. No.	Description	Amount
1.	Junior Research Fellow	Rs. 25,000/- for 2 years. Plus Contingency amount Rs. 12,000/- per year.
2.	Senior Research Fellow	Rs. 28,000/- for next 3 years. Contingency amount Rs. 25,000/- per year.
3.	Contingency	Rs. 70,000/- p.a.
Maximum period of 5 years including JRF and SRF		

UGC Fellowship (Maulana Azad National Fellowship)

Sr. No.	Description	Amount
1.	Junior Research Fellow	Rs. 25,000/- for 2 years. Plus Contingency amount Rs. 12,000/- per year.
2.	Senior Research Fellow	Rs. 28,000/- for next 3 years. Contingency amount Rs. 25,000/- per year.
3.	Contingency	Rs. 70,000/- p.a.
Maximum period of 5 years including JRF and SRF		

OTHER POSTGRADUATE SCHOLARSHIPS

POSTGRADUATE PRIVATE SCHOLARSHIP

Sr. No.	Name of Fellowship	Degree	Amount payable to each student	Selection Procedure
1.	SJM School of Management Endowment Scholarship	Ph.D.	Rs. 28,000/- p.m. for the first two year with the provision of enhancement to Rs. 31,000/- p.m. based on the assessment of the recommendation of the RPC. The increase in Endowment Fellowship is effective from July 2010. The Scholarships will be awarded on the academic performance which will be determined on the basis of CPI/Progress Seminar performance. The Scholarships are renewable every year. Sponsored candidate will not be eligible for scholarship. Payable for period of 5 years or until the submission of synopsis & thesis which ever is earlier.	As per Institute procedures
2.	IITB Monash Scholarship	Ph.D.	Ist 2 Yr. Rs. 35,000 p.m. next 3 Yr. Rs. 39,000 p.m.	
3.	EATON Technologies Pvt. Ltd.	Ph.D.	Rs. 30,000/- p.m. for first two years, next two years Rs. 35,000/- p.m. Plus Rs. 1,50,000/- for attending one national/international conference period for a maximum of four years.	Selection through Department
4.	SERB (Purdue Visiting Doctoral Fellowship (for 12 months))	Ph.D.	USD 2000 p.m. + one time contingency grant Rs. 60,000 + onward journey fair	Selection through Department.



POSTGRADUATE GOVERNMENT SCHOLARSHIP

Sr. No.	Name of Fellowship	Degree	Amount payable to each student	Selection Procedure
1.	NBHM (National Board of Higher Mathematics)	Ph.D.	Rs. 31,000/- p.m. after 2 years, Rs. 35,000, Contingency grant Rs. 20,000/- p.a.	Selection through NBHM directly
2.	BT-JRF DBT-SRF (Department of Biotechnology Jr. research Fellowship)	Ph.D.	Rs. 31,000/- p.m. First 2 Yrs. Rs. 35,000/- p.m. next 3 Yrs. Plus Contingency Allowance Rs. 30,000/- p.a., He will be entitled to HRA.	Selection through DBT-JRF in Pune
3.	DST-INSPIRE	Ph.D.	Rs. 31,000/-p.m , for M.Sc./BE./B.Tech./ME./M.Tech. students for 2 years (JRF), next 3 years Rs. 35,000/-p.m. Plus Contingency Rs. 20,000/per year.	Direct selection through DST-INSPIRE
4.	ICMR (Indian Council of Medical Research)	Ph.D.	Rs. 31,000/- p.m. for first two years. Rs. 35,000/- p.m. next three years Plus Contingency ,Rs. 20,000/- p.year.	Direct selection through ICMR



L-10  
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Web : www.iitb.ac.in



डॉ. प्रेमकुमार आर  
कुलसचिव

Dr. R. Premkumar  
Registrar

Ref : No. Admin-I2019  
Date : 09<sup>th</sup> December 2019

**Subject : Teacher vacancy in IITs**

Dear Sir,

With reference to Rajya Sabha provisionally admitted question diary No. U3353, S5423, S5434, U3555 to be replied on 12.12.2019 regarding Teacher Vacancy in IITs following information as requested is furnished below :

Sr. No.	Questions	Reply		
		Sanctioned	Filled up	Vacant
(a)	whether it is a fact that a large number of posts of teachers are lying vacant Indian Institutes of Technology (IIT) in the country;	1091	677	414
(b)	the number of vacant posts of teachers in Indian Institute of Technology against their sanctioned posts alongwith the institute-wise details of vacant posts;	IIT Bombay follows flexible cadre system for appointment of faculty. Thus, the sanctioned strength of faculty in different grades (i.e. Professor, Associate Professor and Assistant Professor) is not fixed. However, as per overall sanctioned strength, Institute has 414 vacant positions for faculty.		
(c)	the details of the steps taken to fill such vacant posts during the last five years; and	IIT Bombay does not want to compromise on the quality of faculty members and is committed to provide the best infrastructure for research and teaching. It is also emphasized that there is not much space/resource to grow in Faculty recruitment. In spite of efforts made, vacancies of Assistant Professor in a given year could not be filled to the extent it is required, due to non availability of suitable candidates/applications.		
(d)	the number of contractual teachers working in Indian Institute of Technology Bombay	Rolling advertisement is published on IIT Bombay website throughout the year. In addition, short advertisement is published in leading news papers giving details. Candidates can send their resume by email/hard copy at any time. Apart from this, we conduct 2 rounds of recruitment in a year for faculty appointments. Institute leverages help of Alumni through its Faculty Alumni Network to identify potential candidates. Total contractual Faculty at IIT Bombay : 26		

  
REGISTRAR

To,  
Shri P. J. Sundararaj  
Under Secretary (IITs), Department of Higher Education,  
Ministry of Human Resource Development,  
Shastri Bhavan, New Delhi – 110 015



L-10  
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डॉ. प्रेमकुमार आर  
कुलसचिव

Dr. R. Premkumar  
Registrar

No.REG/L-10/2019  
11<sup>th</sup> December, 2019

To

Shri Arun Kumar Karn  
Assistant Section Officer  
Technical Section – I  
Department of Higher Education  
Ministry of Human Resource Development  
Shastri Bhavan, New Delhi – 110 015.

Sub: Lok Sabha Unstarred Question No. 3423 regarding Suicide in Colleges.

Sir,

This has reference to your email dated 05<sup>th</sup> December, 2019 regarding Lok Sabha Unstarred Question No.3423 - "Suicie in Colleges". The requisite information to the said question is furnished below:

- (a) whether the Government is aware of the fact that students are committing suicides due to mental and physical harrasment in the colleges across the country including IIT, Chennai;  
(b) If so, the details thereof.

Ans.: There is no case of suicide by the IIT Bombay Students due to mental and physical harrasment.

- (c) the number of such cases noticed during the last three years, State-wise and the number of said cases in which action has been taken.

Ans.: There is one case of suicide by IIT Bombay student happened in September-2018. On 03<sup>rd</sup> Sept. 2018, at around 1200 hours, a suicide case by IIT Bombay student, Shri Jaidip Swain, Roll No.18305900, at Esvi Hotel, Jogeshwari, was reported to Security Office, IIT Bombay by PSI Kalamkar of Ambivli Police Station. The identity of the student was confirmed through his IITB I-card. Information was conveyed to his Hostel Warden through Hall manager. Student's sister (guardian) was informed about the demise of the student by Security Section. Inspector of Police, Shri Deshmukh conducted panchanama of student's room on the same day with Hall Manager and Security Inspector of IIT Bombay. Dean (Student Affairs) was also informed about the same.

- (d) the effective action taken by the Government in this regard ?

- Ans.: a) The Student Wellness Centre has a team of 7 professional Counselors who help students on a one-on-one basis. Additionally, one Counselor does workshops on Positive Mental Health and runs the I-care Facebook page to reach out to students on a larger scale.  
b) IIT Bombay Hospital has two visiting Psychiatrists for immediate medical intervention if needed.  
c) Students on joining IIT Bombay have an extensive orientation programme in which dealing with stress is a major topic covered. The Student Wellness Centre and hospital are available for help 24 x 7.

- d) The Institute has a well-trained strong mentor-ship programme.
- e) A standardized questionnaire made in-house is administered to the first-year students to evaluate stress levels, following which, help is made available to those who show increased emotional disturbance as per the scores.
- f) An annual Wellness event, planned in the middle of the semester to make students aware of the ongoing academic stress motivate them to seek help when needed.
- g) Workshops on common topics related to stress are held periodically to tide over related concerns.

The results of proactive steps taken to build awareness and help students in the last few years have proven to be effective.

Yours sincerely,



(R. Premkumar)  
Registrar