



प्रो० उदय पी० सिंह
कुलशासक, वित्त एवं नियोजन

Prof. Udai P. Singh
Dean, Finance & Planning

भारतीय प्रौद्योगिकी संस्थान रुड़की

रुड़की - 247 667, उत्तराखण्ड, भारत

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

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e-mail : deanfap_f@iitr.ac.in, udaipfcy@iitr.ac.in

No.DFP/Lok Sabha/32/62
Dated: 27.07.2019

Sri Prashant Agarwal
Director (IITs)
Department of Higher Education
Ministry of Human Resources Development
Room No. 427, Shastri Bhawan
New Delhi - 110 001

Subject: Lok Sabha unstarred question No. 5647.

Dear Sir,

This has reference to your e-mail dated 26.07.2019 on the above mentioned subject. In this connection, the point wise reply with respect to Indian Institute of Technology Roorkee is given below:

Sl. No.	Question	IIT Roorkee reply
a.	The number of patent rights granted to academic/R&D institutions including Council of Scientific and Industrial Research (CSIR), Indian Institute of Technology (IITs), Indian Institute of Science (IISc), Indian Institute of information Technology (IIITs) in the country during the last five years.	11 patents have been granted to IIT Roorkee during the last five years (2014 to 2019)
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;	Not Applicable
c.	The mechanism in place to prevent repetition and wasterful research works in the country;	Not Applicable
d.	Whether any help in this regard has been sought from the IITs and other institutions and if so, the details thereof; and	Not Applicable
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?	Not Applicable

With regards,

Yours sincerely,

(Dean, Finance & Planning)



प्रो० एम० एल० शर्मा
कुलशासक, वित्त एवं नियोजन
Prof. M. L. Sharma
Dean, Finance & Planning

भारतीय प्रौद्योगिकी संस्थान रुड़की

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No. DFP (Plng.)/2019-20/446/62

Dated: 06.12.2019

Shri P. J. Soundararajan
Under Secretary (IITs)
Department of Higher Education
Ministry of Human Resources Development
C Wing, Shastri Bhawan, New Delhi – 110 011

Subject:- Rajya Sabha provisionally admitted Question diary No. U3353, S5423, S5434, U3555 to be replied on 12.12.2019 regarding Teacher Vacancy in IITs.

Please refer to your email dated 05.12.2019 on the above mentioned subject.

The information with respect to Indian Institute of Technology Roorkee is attached herewith (Annexure-I)

Regards,

Yours sincerely

Dean, Finance & Planning

Encl: As above

Query	IITR Reply
a) Whether it is fact that a large number of posts of teachers are lying vacant in Indian Institutes of Technology (IIT) in the country;	Yes Sanctioned Posts = 800 Filled = 432 Vacant = 368
b) The number of vacant post of teachers in Indian Institutes of Technology against their sanctioned posts along with the institute-wise details of vacant posts;	
c) The details of the steps taken to fill such vacant posts during the last five years;	1. Specific post of Asstt. Registrar (Faculty Recruitment) has been created. 2. A rolling advt. for the post of Assistant Professor is available on the Institute website. There is no last date and applications are welcome throughout the year. 3. Every year Advertisement is issued for the posts of Professor & Associate Professor. The Advertisement for this year for the posts of Associate Professor & Professor has already been issued.
d) The number of contractual teachers working in Indian Institutes of Technology?	There are no faculty members in IIT Roorkee purely on contract basis. However, 28 Asstt. Professors Grade-II are initially on contract with the provision of being regularized after a period of three years.


 कुलशासक वित्त एवं योजना
 Dean, Finance & Planning
 06 DEC 2019



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No. DFP (Plng.)/2019-20/444/62

Dated: 05.12.2019

Sri Arun Kumar Karn
Asstt. Section Officer
Technical Section-I
Department of Higher Education
Ministry of Human Resources Development
Shastri Bhawan New Delhi

Subject:- Lok Sabha Unstarred Question No. 3423 for answer on 09.12.2019 regarding "Suicide in Colleges".

Please refer to your email dated 05.12.2019 on the above mentioned subject.

The information with respect to Indian Institute of Technology Roorkee is attached herewith (Annexure-I)

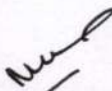
Regards,

Yours sincerely


M.L. Sharma

Encl: As above

Query	IITR Reply												
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;	N.A.												
b) If so, the details thereof;	N.A.												
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;	Actual data of such cases is:- <table border="1"> <thead> <tr> <th>Year</th> <th>No. of Suicides</th> <th>Status</th> </tr> </thead> <tbody> <tr> <td>2017</td> <td>01</td> <td>Under investigation (State C.I.D.)</td> </tr> <tr> <td>2018</td> <td>01</td> <td>01 Pending with local police station</td> </tr> <tr> <td>2019</td> <td>Nil</td> <td>Nil</td> </tr> </tbody> </table>	Year	No. of Suicides	Status	2017	01	Under investigation (State C.I.D.)	2018	01	01 Pending with local police station	2019	Nil	Nil
Year	No. of Suicides	Status											
2017	01	Under investigation (State C.I.D.)											
2018	01	01 Pending with local police station											
2019	Nil	Nil											
d) The effective action taken by the Government in this regard?	<ol style="list-style-type: none"> 1. The institute appointed Ombudperson to resolve any issue related to students reported to him with the concerned authorities. 2. Counsellors are collecting different parameters like poor attendance, avoiding assignment submission, avoiding mid-term exams, avoiding semester exams, etc of students to motivate for counseling to understand their problems/stress. 3. Wellness Centre involves student bodies such as Teamwellness, Academic reinforcement Programme (ARP) team, Students Mentorship programme (SMP) team, Student Activity Committee (SAC), Assistant Wardens. We sensitize the above mentioned student bodies to identify the behavioural changes and other mental health problems, to motivate students avail wellness centre services. 4. Wellness Centre (formerly known as counseling centre) has a website and facebook page to provide awareness about mental health issues. 5. Counsellors are regularly visiting various Bhawanas (Hostels), so students can avail and aware of counselling services. Information of this provided to every student through email. 6. Associate Dean of Students' Welfare (Students wellness) is assigned faculty post under Dean of Students Welfare to understand students related matter. Institute counsellors are working under the Associate Dean of Students' Welfare (Student Wellness). 7. Institute Psychiatric facility is also provided by Institute Hospital for psychiatric evaluation and interventions for both students and faculty members. 8. There is a liaison between Counsellors, Psychiatrist, and Concern authority in administration. 												


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प्रो० एम० एल० शर्मा
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Prof. M. L. Sharma

Dean, Finance & Planning

No. DFP (Plng.)/2019-20/443/62
Dated: 04.12.2019

Sri Arun Kumar Karn
Asstt. Section Officer
Technical Section-I
Department of Higher Education
Ministry of Human Resources Development
Govt. of India, Shastri Bhawan
New Delhi

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

Please refer to your email dated 03.12.2019 on the above mentioned subject.

The information with respect to Indian Institute of Technology Roorkee is
attached herewith (Annexure-I)

Regards,

Yours sincerely

M.L. Sharma

Encl: As above

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

Ans: The number of students pursuing Ph.D. in this Institute is 2236 during the academic session 2019-20.

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

Ans: The details of Ph.D. degree awarded in this Institute during the last five academic sessions.

Academic Session	Number of Degree Awarded (State-wise datais not maintained)
2014-15	237
2015-16	292
2016-17	227
2017-18	292
2018-19	309

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

Ans: The details of Stipend to Ph.D. students from various funding agencies is given below:

Type of Stipend	No. of Students	Amount being paid per Month (Rs.)	
		JRF (for 1 st & 2 nd year)	JRF (for 3 rd 4 th & 5 th year)
Ministry of Human Resource Development (MHRD)	1273	31000.00	35000.00
Ministry of New and Renewable Energy Fellowship (MNRE)	2	31000.00	35000.00
University Grants Commission Fellowship (UGC)	211	31000.00	35000.00
Council of Scientific and Industrial Research (CSIR) Fellowship	121	31000.00	35000.00
Daprtment of Biotechnology (DBT Fellowship)	12	31000.00	35000.00
DST-INSPIRE Fellowship	37	31000.00	35000.00
Indian Council of Medical Research (ICMR) Fellowship	6	31000.00	35000.00
Department of Electronics & Information Technolgy (DeitY) Fellowship	15	31000.00	35000.00
Prime Minister's Research Fellowship (PMRF)	6	70000.00	75000.00 (for 3 rd year) & 80000.00 (for 4 th & 5 th year)

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

Ans: There is no such provision/proposal as of now

(e) If so, the details thereof;

Ans: N.A.

(f) If not, the reasons therefor?

Ans: N.A.


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No. DFP (Plng.)/2019-20/

Dated: 02.12.2019

Sri Arun Kumar Karn
Asstt. Section Officer
Technical Section-I
Department of Higher Education
Ministry of Human Resources Development
Govt. of India, Shastri Bhawan
New Delhi

Subject:-Rajya Sabha Unstarred Question No. 2041 regarding “Setting up dedicated cells in IITs in collaboration with ISRO” to be answered on 05.12.2019

Please refer to your email dated 30.11.2019 on the above mentioned subject.

The information with respect to Indian Institute of Technology Roorkee is attached herewith (Annexure-I)

Regards,

Yours sincerely

Dean, Finance & Planning

Encl: As above

Query	IITR Reply
(a) Whether ISRO has taken an initiative to involve IITs in high end space technology by pursuing them to set up dedicated cells;	ISRO has taken an initiative to involve IIT Roorkee in development of high end Space Technology by setting up an ISRO-IIT Roorkee Space Technology Cell.
(b) If so, the details thereof;	Details of Major areas & Research are:
(c) Which are the major research areas in which ISRO desires development of high end technology in collaboration with IITs;	<ul style="list-style-type: none"> • The proposals that have already been approved by ISRO for executing under STC are: <ol style="list-style-type: none"> 1. Design and fabrication of MEMs structure for vibration sensing and energy harvesting 2. Development of state-of-the-art novel algorithm for mapping and monitoring the flooded regions and partially submerged vegetation using Multi-Temporal, multi-frequency & multi-Polarization SAR data 3. A PDSOI analog cell library consisting 2- stage OPAMPs and comparators designed considering Floating Body (FB) and Self Heating (SH) effects. 4. High Efficiency Solar Cells Characterization Using Intensity Modulated Impedance Spectroscopy Analysis for Space Application • Other topics/ proposals recommended from IIT Roorkee for consideration for funding from ISRO: <ol style="list-style-type: none"> 1. Design and Development of an Electroactive Compound Eye for Robotic Vision 2. Novel processing to enhance ductility of cast AZ91 Mg alloy etc.
(d) Whether ISRO would fund the identified projects or IITs themselves would arrange the resources?	For management and coordination of STC, a Joint Policy Committee (JPC) is being constituted by the Director of IIT Roorkee and Chairman of ISRO. The JPC will be involved in the budget planning, and reviewing the progress of the projects and for approving the annual budget of STC.



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No. DFP (Plng.)/2019-20/

Dated: 02.12.2019

Sri Arun Kumar Karn
Asstt. Section Officer
Technical Section-I
Department of Higher Education
Ministry of Human Resources Development
Govt. of India, Shastri Bhawan
New Delhi

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

Please refer to your email dated 02.12.2019 on the above mentioned subject.

The information with respect to Indian Institute of Technology Roorkee is attached herewith (Annexure-I)

Regards,

Yours sincerely

MRL 2/12/2019

Dean, Finance & Planning

Encl: As above

Query	IITR Reply
(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;	Directives of MHRD in this regard are followed.
(b) Whether Government proposes to implement the reservation system effectively in such institutes;	MHRD has communicated on 18.11.2019 and subsequently on 25.11.2019, requesting to furnish the institutes' views and comments on reservation of SCs/STS/OBCs in recruitment to teaching (faculty) posts in IIT Roorkee.
(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?	



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No. DFP (Plng.)/2019-20/435/62

Dated: 28.11.2019

Sri Arun Kumar Karn
Asstt. Section Officer
Technical Section-I
Department of Higher Education
Ministry of Human Resources Development
Govt. of India, Shastri Bhawan
New Delhi

Subject:- Lok Sabha Unstarred Question No. 2146 for answer on 02.12.2019 regarding "Suicide Rate in Higher Education".

Please refer to your email dated 28.11.2019 forwarded therewith letter No. F.No.H-11014/22/219-CDN dated: 27th Nov., 2019 on the above mentioned subject.

The information with respect to Indian Institute of Technology Roorkee is attached herewith (Annexure-I)


Regards,

Yours sincerely

Dean, Finance & Planning

Encl: As above

Query	IITR Reply						
(a) Whether the Government is aware of the increasing suicide rate in the higher education institutes in the country;	No increase in such cases. Actual data an incidents is:- <table border="1" data-bbox="751 271 1131 367"> <tr> <td>2017</td> <td>01</td> </tr> <tr> <td>2018</td> <td>01</td> </tr> <tr> <td>2019</td> <td>Nil</td> </tr> </table>	2017	01	2018	01	2019	Nil
2017	01						
2018	01						
2019	Nil						
(b) Whether the Government has done any studies/research on discrimination/harassment of students based on caste or religion in the higher education institutions such as IITs;	No studies/research has been carried out.						
(c) If so, the details thereof;	N.A.						
(d) The measures that are being taken by the government to prevent harassment of students in higher education institutions?	<ol style="list-style-type: none"> 1. The institute appointed Ombudperson to resolve any issue related to students reported to him with the concerned authorities. 2. Counsellors are collecting different parameters like poor attendance, avoiding assignment submission, avoiding mid-term exams, avoiding semester exams, etc of students to motivate for counseling to understand their problems/stress. 3. Wellness Centre involves student bodies such as Teamwellness, Academic reinforcement Programme (ARP) team, Students Mentorship programme (SMP) team, Student Activity Committee (SAC), Assistant Wardens. We sensitize the above mentioned student bodies to identify the behavioural changes and other mental health problems, to motivate students avail wellness centre services. 4. Wellness Centre (formerly known as counseling centre) has a website and facebook page to provide awareness about mental health issues. 5. Counsellors are regularly visiting various Bhawanas (Hostels), so students can avail and aware of counselling services. Information of this provided to every student through email. 6. Associate Dean of Students' Welfare (Students wellness) is assigned faculty post under Dean of Students Welfare to understand students related matter. Institute counsellors are working under the Associate Dean of Students' Welfare (Student Wellness). 7. Institute Psychiatric facility is also provided by Institute Hospital for psychiatric evaluation and interventions for both students and faculty members. 8. There is a liaison between Counsellors, Psychiatrist, and Concern authority in administration. 						



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Dean, Finance & Planning

28 NOV 2019



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प्रो० एम० एल० शर्मा

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No. DFP (Plng.)/2019-20/130/62

Dated: 27.11.2019

Shri P. J. Soundararajan
Under Secretary (IITs)
Department of Higher Education
Ministry of Human Resources Development
C Wing, Shastri Bhawan, New Delhi – 110 011

**Subject:-Lok Sabha Unstarred Question No. 2235 regarding “IIT & IIM” for answer
on 02.12.2019**

Please refer to your email dated 26.11.2019 on the above mentioned subject.

The information with respect to Indian Institute of Technology Roorkee is attached
herewith (Annexure-I)

Regards,

Yours sincerely

M.L. Sharma

Encl: As above

(a) Whether the Government has conducted any enquiry regarding the death of students in IIT campus and Hostels under suspicious circumstances, if so, the details thereof;

Ans: N.A.

(b) The institution-wise details of death regarding the students in IIT and IIM during the last five years;

Ans:

Sl. No.	Year	No. of Suicides	Status
1.	2015	Nil	Nil
2.	2016	Nil	Nil
3.	2017	01	Under investigation (State C.I.D.)
4.	2018	01	01 Pending with local police station
5.	2019	Nil	Nil

(c) Whether the Government is aware that the deaths were reported as suicides;

Ans: N.A.

(d) If so, whether the Government has taken any action for detailed enquiry;

Ans: N.A.

(e) Whether the Government received representation from Member of Parliament requesting to conduct enquiry regarding death of Fathima Latheef in IIT Chennai Hostel;

Ans: N.A.

(f) If so, the action taken thereon; and

Ans: N.A.

(g) Whether the Government proposes to establish an effective system for enquiry and action on the complaints regarding mental harassment?

Ans: N.A.


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27 NOV 2019



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No. DFP (Plng.)/2019-20/ 422/62

Dated: 19.11.2019

Sri Arun Kumar Karn
Asstt. Section Officer
Technical Section-I
Department of Higher Education
Ministry of Human Resources Development
Govt. of India, Shastri Bhawan
New Delhi

Subject:-Rajya Sabha Unstarred Question Diary No. U1018 to be replied on 28.11.2019 regarding Dropout rate and early exit in IITs and IIMs.

Please refer to your email dated 18.11.2019 on the above mentioned subject.

The information with respect to Indian Institute of Technology Roorkee is attached herewith (Annexure-I)

Regards,

Yours sincerely

M.L. Sharma

- (a) Whether the country's premier engineering institutes including the IITs/IIMs are planning to permit academically weak students to exit early, after 3 years, with a B.Sc. degree in engineering;

Ans: There is no such provision/proposal as of now.

- (b) If so, the details thereof;

Ans: N.A.

- (c) Whether Government has planned to change the current financial structure of the IITs and grant them autonomous status;

Ans: N.A.

- (d) If so, the details thereof;

Ans: N.A.

- (e) Number of IIT dropout students during the last three years;

Ans: Total number of students who dropped out (on their request) in last 3 years

Programme	Session	GEN	SC	ST	OBC	TOTAL
Undergraduate	2016-17	01	00	02	01	04
	2017-18	01	02	00	02	05
	2018-19	05	00	01	00	06
Postgraduate	2016-17	26	05	01	06	38
	2017-18	16	01	01	08	26
	2018-19	15	09	01	05	30
Ph.D.	2016-17	20	01	00	09	30
	2017-18	21	00	00	14	35
	2018-19	24	02	02	09	37
	TOTAL	129	20	08	54	211

- (f) Other step taken by Government to reduce the dropout rate of students in IITs/IIMs

Ans: N.A.



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Prof. M. L. Sharma

Dean, Finance & Planning

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e-mail : deanfap_f@iitr.ac.in, mukutfeq@iitr.ac.in

No. DFP (Plng.)/2019-20/419/62

Dated: 18.11.2019

Sri Arun Kumar Karn
Asstt. Section Officer
Technical Section-I
Department of Higher Education
Ministry of Human Resources Development
Govt. of India, Shastri Bhawan
New Delhi

Subject:-Rajya Sabha Unstarred Question Diary No. 551 regarding Tenure tracking system in IITs asked by Prof. M.V. Rajeev Gowda for answer on 21.11.2019

Please refer to your email dated 16.11.2019 on the above mentioned subject.

The information with respect to Indian Institute of Technology Roorkee is attached herewith (Annexure-I)

Regards,

Yours sincerely

Dean, Finance & Planning

Query	IITR Reply
<p>a) Whether Government propose to introduce the tenure track system for hiring and promotion of Assistant Professors in Indian Institutes of Technology (IITs) across the country;</p> <p>(b) If so, the reasons therefor;</p> <p>(c) The details of seed funding that would be provided to these Assistant Professors for research purposes, institute-wise;</p>	<p>These questions do not pertain to individual IITs.</p>
<p>(d) The details of the infrastructure of all the IITs, including electricity connection, internet connectivity, number of functional computers and number of fully functioning science labs with its capacity, institute-wise; and</p>	<p>(i) Electricity connection: Contract Load-7297 KW Maximum Demand-5356 KW Average Daily Consumption-61854 Units</p> <p>(ii) Number of fully functioning Science labs -56</p> <p>(iii) Capacity of fully functioning Science labs -560 Approx</p> <p>(iv) Number of Functional Computers -27000 Approx</p> <p>(v) Internet connectivity – Internet Bandwidth is 20gbps (10gb+10gb)</p>
<p>(e) The rationale behind setting the upper age limit as 35 for an Assistant Professor?</p>	<p>The question does not pertain to individual IITs.</p>


 कुलशासक वित्त एवं योजना
 Dean, Finance & Planning
 18 NOV 2019



भारतीय प्रौद्योगिकी संस्थान रुड़की

रुड़की – 247 667, उत्तराखण्ड, भारत

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

ROORKEE - 247 667, UTTARAKHAND, INDIA

प्रो० एम० एल० शर्मा

कुलशासक, वित्त एवं नियोजन

Prof. M. L. Sharma

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No. DFP (Plng.)/2019-20/420/62

Dated: 19.11.2019

Sri P. J. Soundararajan
Under Secretary (IITs)
Department of Higher Education
Ministry of Human Resources Development
C Wing, Shastri Bhawan, New Delhi – 110 011

Subject:- Rajya Sabha Unstarred Question no. 540 regarding “Admission of tribals in IITs/IIMs” for answer on 21.11.2019.

Please refer to your email dated 18.10.2019 on the above mentioned subject.

The information with respect to Indian Institute of Technology Roorkee on the prescribed Performa is given below:

(a) The number of tribals who got IITs and IIMs during the past 5 year

Ans:

Year-wise details of tribal students who got into IIR Roorkee														
Year			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.
76	37	05	58	43	06	84	36	05	74	35	11	63	49	09

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

Ans: N.A.

Regards,

Yours sincerely


M.L. Sharma



भारतीय प्रौद्योगिकी संस्थान रुड़की

रुड़की - 247 667, उत्तराखण्ड, भारत

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प्रो० उदय पी० सिंह

कुलशासक, वित्त एवं नियोजन

Prof. Udai P. Singh

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No. DFP (Plng.)/2019-20/311/62

Dated: 22.07.2019

Sri KundanNath
Under Secretary (IITs)
Technical Section - I,
Ministry of Human Resources Development
Department of Higher Education
428-C, Shastri Bhawan, New Delhi - 110 011

Subject:-Rajya Sabha Unstarred Question No. 3731 to be replied on 25.07.2019 regarding "Attrition in IITs and IIMs".

Dear Sir,

Please refer to your email dated 22.07.2019 on the above mentioned subject.

The information with respect to Indian Institute of Technology Roorkee is given below.

Sl. No.	Questions	IIT Roorkee Reply																																													
a	Whether the Ministry has tried to find out the reasons for attrition in IITs and IIMs in the country;	NA																																													
b	Whether it is a fact that nearly 2,000 students dropped out from IITs and IIMs during the last two years;	No																																													
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;	NA																																													
d	The details of SC, ST and OBC students who dropped out of above institutions during that period?	Details of SC, ST and OBC students who dropped out from IIT Roorkee during the session 2017-18 and 2018-19:- <table border="1"><thead><tr><th>Programme</th><th>Session</th><th>SC</th><th>ST</th><th>OBC</th><th>Total</th></tr></thead><tbody><tr><td rowspan="2">Undergraduate</td><td>2017-18</td><td>02</td><td>00</td><td>02</td><td>04</td></tr><tr><td>2018-19</td><td>00</td><td>01</td><td>00</td><td>01</td></tr><tr><td rowspan="2">Postgraduate</td><td>2017-18</td><td>01</td><td>01</td><td>08</td><td>10</td></tr><tr><td>2018-19</td><td>09</td><td>01</td><td>05</td><td>15</td></tr><tr><td rowspan="2">Ph.D.</td><td>2017-18</td><td>00</td><td>00</td><td>14</td><td>14</td></tr><tr><td>2018-19</td><td>02</td><td>02</td><td>09</td><td>13</td></tr><tr><td colspan="2">Total</td><td>14</td><td>05</td><td>38</td><td>57</td></tr></tbody></table>	Programme	Session	SC	ST	OBC	Total	Undergraduate	2017-18	02	00	02	04	2018-19	00	01	00	01	Postgraduate	2017-18	01	01	08	10	2018-19	09	01	05	15	Ph.D.	2017-18	00	00	14	14	2018-19	02	02	09	13	Total		14	05	38	57
Programme	Session	SC	ST	OBC	Total																																										
Undergraduate	2017-18	02	00	02	04																																										
	2018-19	00	01	00	01																																										
Postgraduate	2017-18	01	01	08	10																																										
	2018-19	09	01	05	15																																										
Ph.D.	2017-18	00	00	14	14																																										
	2018-19	02	02	09	13																																										
Total		14	05	38	57																																										

Regards,

Yours sincerely,

(U.P. Singh)



प्रो० उदय पी० सिंह
कुलशासक, वित्त एवं नियोजन
Prof. Udai P. Singh
Dean, Finance & Planning

भारतीय प्रौद्योगिकी संस्थान रुड़की

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No. DFP (PIng.)/2019-20/ 300/62

Dated: 15.07.2019

Dr. Anita Aggarwal
Scientist-“E”
Instrumentation Development Programme,
Technology Development & Transfer Division
Department of Science & Technology
Ministry Science & Technology
Technology Bhavan, 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 Sir,

Please refer to your email dated 15.07.2019 from on the above subject.

The information with respect to Indian Institute of Technology Roorkee is given below.

Sl.No.	Questions	IIT Roorkee Reply
a	Whether Government has initiate and conducted research in various methodologies for preventing manual scavenging.	IIT Roorkee has not received any funding from Govt. of India for carrying out Sponsored Research or Consultancy on "preventing manual scavenging".
b	The reasons for not being able to commercialize these technologies and large number of deaths still?	The question on commercializing technologies for mitigating deaths due to manual scavenging is not applicable for IIT Roorkee.

Regards,

Yours sincerely,

(U.P. Singh)



भारतीय प्रौद्योगिकी संस्थान रुड़की

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प्रो० उदय पी० सिंह

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No.DFP/Rajya Sabha/298/62
Dated: 11.07.2019

Sri Kundan Nath

Section Officer, T.S.1

Ministry of Human Resource Development

Government of India

Department of Higher Education (Technical Section)

Shastri Bhawan

New Delhi – 110001

Subject: Rajya Sabha provisionally admitted Starred/Unstarred Question Dy. No. S4114 for answer on 18.07.2019 asked by Dr. Vikar Mahatme regarding mental health higher education insitutions.

Dear Sir,

This has reference to your e-mail dated 10.07.2019 on the above mentioned subject. In this connection, the point wise reply with respect to Indian Institute of Technology Roorkee is given below:

Sl. No.	Question	IIT Roorkee reply
a.	The number of counselors of psychologists working in Higher Educational Institutions (HEI)	2 full-time and 1 part-time counselors; 1 full-time psychologist.
b.	The average number of Counsellors or psychologists per HEI, and	N.A.
c.	The steps being taken to improve mental health workforce in HEIs?	<ol style="list-style-type: none">1. Establishment of a "Wellness Center" with two full-time and one part-time counselors2. Recruitment of a full-time psychologists in the Institute hospital especially to take care of possible psychiatric medication-related requirements3. E-counseling service provider with 24x7 helpline, and options for text/audio/video chats as well as two "face-to-face" counselors (on the panel of experts of the e-counseling service provider) visting the campus over the weekends4. Team of around 80 student volunteers of the "Team Wellness"5. Wellness Faculty advisors in every department of the Institute to help students at the departmental level, with issues pertaining to the respective departments6. Four hostel ("bhawan") wellness wardens to help, at the hostel level, with issues of students7. Establishment of a Students' Aid Committee (StAC) to provide students in financial distress, partial financial support.8. Establishment of the position of an Ombudsman - a faculty member to help deal with student-faculty member conflicts, and to report directly to the director.9. Student-run initiatives: Student Mentorship Program (SMP) to help UG freshmen to deal with issues related to, e.g., settling in the campus, etc. and Academic Reinforcement Program (ARP) to help UG students in all branches, with academic issues, e.g., difficulty in understanding the material taught in classes, etc.

With regards,

Yours sincerely,

(Dean, Finance & Planning)



भारतीय प्रौद्योगिकी संस्थान रुड़की

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प्रो० उदय पी० सिंह

कुलशासक, वित्त एवं नियोजन

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No.DFP/Lok Sabha/297/62

Dated: 11.07.2019

Sri Kundan Nath

Section Officer, T.S.1

Ministry of Human Resource Development

Government of India

Department of Higher Education (Technical Section)

Shastri Bhawan

New Delhi - 110001

Subject: Lok Sabha unstarred Question No. 3550 to be replied on 15.07.2019.

Dear Sir,

This has reference to your e-mail dated 10.07.2019 on the above mentioned subject. In this connection, the point wise reply with respect to Indian Institute of Technology Roorkee is given below:

Sl. No.	Question	IITR reply																																				
a.	Total number of regular recruitments done for the post of Assistant Professors, Associate Professor and Professor in the Central Government Colleges and Universities, Indian Institute of Technology (IIT), National Institute of Technology (NIT), Indian Institute of Management (IIM), Indian Institute of Science Education and Research (IISER) since 1995 till date, college-wise and University-wise.	<ul style="list-style-type: none">➤ Total number of regular recruitment done for the post of Assistant Professor, Associate Professor and Professor since 1995.➤ Assistant Professor - 360➤ Associate Professor- 263➤ Professor - 140																																				
b.	The total regular recruitments done in Central Government College/University along with the category-wise details of (UR/OBC/SC/ST) recruitment done since 1995 till date for Assistant Professors, Associate Professors and Professors:	Details of those belonging to UR/OBC/SC and ST: <table border="1"><thead><tr><th colspan="4">Assistant Professor</th><th colspan="4">Associate Professor</th><th colspan="4">Professor</th></tr><tr><th>UR</th><th>OBC</th><th>SC</th><th>ST</th><th>UR</th><th>OBC</th><th>SC</th><th>ST</th><th>UR</th><th>OBC</th><th>SC</th><th>ST</th></tr></thead><tbody><tr><td>313</td><td>36</td><td>09</td><td>02</td><td>229</td><td>26</td><td>07</td><td>01</td><td>125</td><td>15</td><td>-</td><td>-</td></tr></tbody></table>	Assistant Professor				Associate Professor				Professor				UR	OBC	SC	ST	UR	OBC	SC	ST	UR	OBC	SC	ST	313	36	09	02	229	26	07	01	125	15	-	-
Assistant Professor				Associate Professor				Professor																														
UR	OBC	SC	ST	UR	OBC	SC	ST	UR	OBC	SC	ST																											
313	36	09	02	229	26	07	01	125	15	-	-																											
c.	The number of employees working on contract basis as Assistant Professors, Associate Professors and Professors and also details of those belonging to UR/OBC/SC/ST, college-wise and University-wise, and	N.A.																																				
d.	The duration of appointment of contractual employees and details of sanctioned strength, discipline-wise and category-wise in Central Government Colleges and Universities?																																					

With regards,

Yours sincerely,


(Dean, Finance & Planning)



भारतीय प्रौद्योगिकी संस्थान रुड़की

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प्रो० उदय पी० सिंह

कुलशासक, वित्त एवं नियोजन

Prof. Udai P. Singh

Dean, Finance & Planning

No. DFP (PIng.)/2019-20/229/62

Dated: 03.07.2019

Shri Kundan Nath
Under Secretary (IITs)
Technical Section - I,
Ministry of Human Resources Development
Department of Higher Education
428-C, Shastri Bhawan, New Delhi - 110 011

Subject:-Lok Sabha Starred Question No.2480 to be answered on 8-7-2019 regarding "Teaching/Non Teaching Staff in IIT/NIT" asked by Shri A. Raja and Shri Balak Nath.

Dear Sir,

Please refer to your email dated 02.07.2019 on the above subject.

The information with respect to Indian Institute of Technology Roorkee is given below.

Sl. No.	Question	Institute Reply
a	The total number of Institute of Technology (IITs), National Institute of Technology (NITs) in the country, as on the date	23=IITs 31=NITs
b	The number of posts earmarked for Scheduled Caste/Scheduled Caste / Scheduled Tribe (SC/ST) category out of the total number of IITs/NITs posts, teaching as well as non-teaching	The information is shown in the enclosed Annexure-I & II
c	Whether all the post earmarked for SC/ST category have been duly filled up	The information is shown in the enclosed Annexure-I & II
d	If, so, the details therefore, IIT/NITs wise and if not, the reason for not filling up these posts.	Posts are being advertised and eligible candidates of each category have to appear before the Selection Committee.
e	Whether the Government has any proposal to appoint the students who have completed their Ph.D. of M.Tech from leading Institute like IITs/NITs and IIITs in these post and if so, the details thereof; and	This point does not pertain to this Institute.
f	Whether post based roster is implemented in all IITs/NITs and if so, the details thereof?	The information is given in the enclosed Annexure I & II.

Regards,

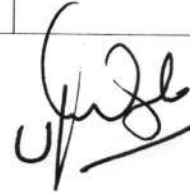
Yours sincerely,

(U.P. Singh)

Faculty details of IITs-

ANNEXURE-I

Sl. No.	Name of IIT	Total sanctioned Post of faculty	Post earmarked for			Total post filled	Post (faculty position) filled in			Total vacancy	Vacancy			Whether post based roster is implemented
			SC	ST	OBC		SC	ST	OBC		SC	ST	OBC	
1.	IIT Roorkee	800	As per Instruction of MHRD letter date 09.06.2009			427	09	02	39	373	Due to flexible cadre in the faculty category-wise vacancies are not available.			A rolling advertisement for faculty position is available on the institute website.
			15%	7.5%	27%									



Non-Faculty details of IITS-

ANNEXURE-II

Sl. No.	Name of IIT	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	
1.	IIT Roorkee	902	16.66%	7.5%	25.84%	640*	124	17	112	262*	26	51	121	Yes
			150	68	233									

* Excluding 42 Safai Karmachari in this Institute.





प्रो० एम० एल० शर्मा
कुलशासक, वित्त एवं नियोजन
Prof. M. L. Sharma
Dean, Finance & Planning

भारतीय प्रौद्योगिकी संस्थान रुड़की

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No. DFP (Plng.)/2019-20/

Dated: 25.11.2019

Shri P. J. Soundararajan
Under Secretary (IITs)
Department of Higher Education
Ministry of Human Resources Development
C Wing, Shastri Bhawan, New Delhi – 110 011

Subject:-RSUSQ No. 1204 for 28.11.2019 asked by Shri Shri G.C.Chandrashekhar, regarding “Dropout rate and early exit in IITs and IIMs”.

Please refer to your email dated 25.11.2019 forwarded therewith letter No. F.No.H-22017-9/2019TS-I dated: 25th Nov., 2019 on the above mentioned subject.

The information with respect to Indian Institute of Technology Roorkee is attached herewith (Annexure-I)

Regards,

Yours sincerely

M.L. Sharma

Encl: As above

- (a) Whether the country's premier engineering institutes including the IITs/IIMs are planning to permit academically weak students to exit early, after 3 years. With a B.Sc. degree in engineering;

Ans: There is no such provision/proposal as of now.

- (b) If so, the details thereof;

Ans: N.A.

- (c) Whether Government has planned to change the current financial structure of the IITs and grant them autonomous status;

Ans: N.A.

- (d) If so, the details thereof;

Ans: N.A.

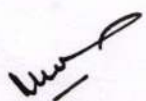
- (e) Number of IIT dropout students during the last five years, year-wise;

Ans: Total number of students who dropped-out (on their request) in last 5 years

Programme	Session	GEN	SC	ST	OBC	Total
Undergraduate	2014-15	04	01	03	00	08
	2015-16	01	01	00	00	02
	2016-17	01	00	02	01	04
	2017-18	01	02	00	02	05
	2018-19	05	00	01	00	06
Postgraduate	2014-15	47	11	04	17	79
	2015-16	32	10	03	27	72
	2016-17	26	05	01	06	38
	2017-18	16	01	01	08	26
	2018-19	15	09	01	05	30
Ph.D.	2014-15	13	04	01	07	25
	2015-16	20	04	02	13	39
	2016-17	20	01	00	09	30
	2017-18	21	00	00	14	35
	2018-19	24	02	02	09	37
	TOTAL	246	51	21	118	436

- (f) Other steps taken by Government to reduce the dropout rate of students in IITs/IIMs

Ans: N.A.


कुलशासक वित्त एवं योजना
Dean, Finance & Planning

25 NOV 2019



भारतीय प्रौद्योगिकी संस्थान रुड़की

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प्रो० एम० एल० शर्मा

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No. DFP (Plng.)/2019-20/392/62

Dated: 11.11.2019

Mr. Arun Kumar Karn
Asstt. Section Officer
Technical Section-I
Department of Higher Education
Ministry of Human Resources Development
Govt. of India, Shastri Bhawan
New Delhi

**Subject:-Lok Sabha Starred Question Diary No. 9 to be answered on 18.11.2019
regarding 'STEM'.**

Please refer to your email dated 08.11.2019 forwarded therewith letter No. F.No.10-16/2017-Stat dated: 8th Nov., 2019 on the above mentioned subject.

The information with respect to Indian Institute of Technology Roorkee is attached herewith (Annexure-I)

Regards,

Yours sincerely,


M.L. Sharma

- (a) The percentage of women and students from backward castes enrolled across various fields of study, including but not limited to Science, Technology, Engineering and Mathematics (STEM) at the undergraduate and postgraduate levels;

Ans.:

Programme	Enrolled (on roll) students during 2019-20 academic session						
	total	Women	% of Women	OBC	% of OBC	OBC (Women)	% of OBC (Women)
Postgraduate	1545	288	18.64	380	24.60	58	3.75
Undergraduate	4178	523	12.52	1147	27.45	128	3.06

- (b) The percentage of backward caste students and women students in the top 5 universities as per the National Institute Ranking Framework;

Ans.: NA

- (c) The dropout rates among backward caste and women students at the level of undergraduate and postgraduate levels;

Ans.: The drop out rates among backward caste and women students during 2019-20 academic sessions:

Programme	Total drop out/Total Enrolled	Rates of total drop out	Total Women drop out/Total Enrolled	Rates of total women drop out	Total OBC drop out/Total Enrolled	Rates of total OBC drop out	Total OBC women drop out/Total Enrolled	Rates of total OBC women drop out
Postgraduate	19/1545	1.23	1/1545	0.06	6/1545	0.39	1/1545	0.06
Undergraduate	13/4178	0.31	0/4178	0	4/4178	0.10	0/4178	0

- (d) If the academic performance of women and students from backward castes is at par with other students?

Ans.: Yes