

**Fwd: Rajya Sabha Admitted Unstarred Question No. 3380 for answer on 25.03.2021 regarding "Vacant Faculty Posts Under SC/ST/OBC category in IITs" asked by Shri K.K. Ragesh**

**From :** Dean FinanceandPlanning <deanfap\_f@iitr.ac.in> Tue, Mar 23, 2021 02:08 PM  
**Subject :** Fwd: Rajya Sabha Admitted Unstarred Question No. 3380 for answer on 25.03.2021 regarding "Vacant Faculty Posts Under SC/ST/OBC category in IITs" asked by Shri K.K. Ragesh 1 attachment  
**To :** Dean facultyAffairs <dfa@iitr.ac.in>

for information please.

Dean, F&P Office

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**From:** "Dean FinanceandPlanning" <deanfap\_f@iitr.ac.in>  
**To:** "P.J. Soundararajan MHRD" <pj.rajana@nic.in>, "prashant ag" <prashant.ag@gov.in>, "ira" <iraghavendran.edu@nic.in>  
**Cc:** "Director IITRoorkee" <director@iitr.ac.in>, "Registrar IITR" <registrar@iitr.ac.in>  
**Sent:** Tuesday, March 23, 2021 1:26:17 PM  
**Subject:** Rajya Sabha Admitted Unstarred Question No. 3380 for answer on 25.03.2021 regarding "Vacant Faculty Posts Under SC/ST/OBC category in IITs" asked by Shri K.K. Ragesh

Dear Sir,

Please refer to your email dated 22.03.2021 on the above-mentioned subject. The information with respect to Indian Institute of Technology Roorkee on the prescribed Performa is attached herewith (In the excel file).

Kind Regards,

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मुकट लाल शर्मा  
कुलशासक (वित्त एवं योजना)  
प्रोफेसर, भूकम्प अभियांत्रिकी विभाग  
भारतीय प्रौद्योगिकी संस्थान रुड़की  
रुड़की - 247667, उत्तराखंड, भारत  
Mukat Lal Sharma  
Dean (Finance and Planning)  
Professor, Department of Earthquake Engineering  
Indian Institute of Technology Roorkee  
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[https://www.iitr.ac.in/Main/pages/en Office of Dean Finance and Planning\\_en.html](https://www.iitr.ac.in/Main/pages/en Office of Dean Finance and Planning_en.html)

Reply to Rajya Sabha Admitted Unstarred Question No. 3380 for answer on  
25.03.2021 regarding "Vacant Faculty Posts Under SC/ST/OBC category in IITs

S.No.	Name of the institue	Number of Vacant Faculty Post						
		GEN	SC	ST	OBC	EWS	PwD	Total
1	IIT Kharagpur							
2	IIT Bombay							
3	IIT Madras							
4	IIT Kanpur							
5	IIT Delhi							
6	IIT Guwahati							
7	IIT Roorkee	136	49	24	88	32	*4%	329
8	IIT BHU							
9	IIT(ISM) Dhanbad							
10	IIT Gandhinagar							
11	IIT Bhubaneswar							
12	IIT Hyderabad							
13	IIT Jodhpur							
14	IIT Ropar							
15	IIT Patna							
16	IIT Indore							
17	IIT Mandi							
18	IIT Palakkad							
19	IIT Tirupati							
20	IIT Jammu							
21	IIT Bhilai							
22	IIT Goa							
23	IIT Dharwad							

\* 4% reservation for PWD will be applied horizontally

**Lok Sabha Starred Dairy No. 10886 for answer on 22.03.2021 regarding "Public fund Universities or colleges"**

**From :** Dean FinanceandPlanning <deanfap\_f@iitr.ac.in> Sat, Mar 20, 2021 01:38 PM  
**Subject :** Lok Sabha Starred Dairy No. 10886 for answer on 22.03.2021 regarding "Public fund Universities or colleges" 1 attachment  
**To :** P.J. Soundararajan MHRD <pj.rajan@nic.in>, prashant ag <prashant.ag@gov.in>, ira <iraghavendran.edu@nic.in>  
**Cc :** Director IITRoorkee <director@iitr.ac.in>, Registrar IITR <registrar@iitr.ac.in>

Dear Sir,

Please refer to your email dated 16.03.2021 on the above-mentioned subject. The information with respect to Indian Institute of Technology Roorkee is attached herewith (Annexure-I).

Kind Regards,

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मुकट लाल शर्मा

कुलशासक (वित्त एवं योजना)

प्रोफेसर, भूकम्प अभियांत्रिकी विभाग

भारतीय प्रौद्योगिकी संस्थान रुड़की

रुड़की - 247667, उत्तराखंड, भारत

Mukat Lal Sharma

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[https://www.iitr.ac.in/Main/pages/en\\_Office\\_of\\_Dean\\_Finance\\_and\\_Planning\\_en.html](https://www.iitr.ac.in/Main/pages/en_Office_of_Dean_Finance_and_Planning_en.html)

— **Lok Sabha Starred Dairy no. 10886.docx**  
12 KB

Annexure-I

Sl. No.	Query	IITR Reply
(a)	The Indian Institute of Technology Delhi and many other similar public-funded Universities want to setup campus abroad, details of the various public-funded University came up with similar demand;	There is no such proposal from IIT Roorkee.
(b)	The public-funded Universities or Colleges, whether such extensions will be through Government-to-Government dialogue or through Institute-to-Institute collaboration, details; and	N.A.
(c)	The details of how will the Government help them with funding for these extensions abroad or they have to do it on their own through private funding and if so, the details thereof?	N.A.



**Lok Sabha Unstarred Question Dairy No. 12326 has been admitted as " Lok Sabha UnStarred Question No. 4195 " for answer on 18.03.2021.**

**From :** Dean FinanceandPlanning <deanfap\_f@iitr.ac.in> Sat, Mar 20, 2021 11:59 AM  
**Subject :** Lok Sabha Unstarred Question Dairy No. 12326 has been admitted as " Lok Sabha UnStarred Question No. 4195 " for answer on 18.03.2021. 1 attachment  
**To :** P.J. Soundararajan MHRD <pj.rajana@nic.in>, prashant ag <prashant.ag@gov.in>, ira <Iraghavendran.edu@nic.in>  
**Cc :** Director IITRoorkee <director@iitr.ac.in>, Registrar IITR <registrar@iitr.ac.in>

Dear Sir,

Please refer to your email dated 16.03.2021 on the above-mentioned subject. The information with respect to Indian Institute of Technology Roorkee is attached herewith

Kind Regards,

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**Institute Development Plan.doc**

34 KB

### Institute Development Plan: IIT Roorkee

**Point (a): Whether the Government has asked the IITs to develop Institute Development Plan to envisioned in NEP 2020;**

**Ans:** No

**Point (b): If so, the details thereof**

**Ans:** Not Applicable.

**Point (c): Whether the mobility of faculty members and industry experts between technical institute and industry will promote collaborations between technical institute and industry will promote collaborations between industry and academia and if so, the details thereof;**

**Ans:** Yes. IIT Roorkee is proactively involved in Industry-Academia collaborations through Sponsored Research and Industrial Consultancy projects. The faculty members of IIT Roorkee are engaged as Principal Investigators or as Consultants for the projects and IIT Roorkee also provides scope for collaborative research where personnel from Industries can directly be involved. A special programme has been started for admitting mid-level personnel involved in research and development activities in industry to register for doctoral programme and work towards technology development in close collaboration with faculty colleagues.

MoUs have been signed with several industries for strengthening Industry-Academia collaborations.

**Point (d): Whether the Government proposes to constitute a taskforce to review use of technology at all IITs and also to accelerate deployment of digital tools in the country and if so, the details thereof :**

**Ans:** The periodical reviews of use of technology and the status of IP development, Technology transfer are done by the Ministry of Education. Through the NIRF and ARIIA rankings, the institutions are ranked on the basis of academic contributions and innovative research and developments.

Deployment of digital tools for teaching and also for administrative functionaries is promoted. Online classes, NPTEL lectures by faculty members, short term courses, organizing webinars, sharing academic study

materials through online platform, digitization of financial transactions and managements are done by the institute.

**Point (e): The details of the contribution of the academics during the challenging times of COVID-19 and for their contribution in combating the COVID-19 by new scientific research?**

**Ans:** During the challenging times of COVID-19, IIT Roorkee had come up with contributions in various sectors through scientific research and other activities.

- (i) Prof. Akshay Dvivedi and a group of researchers from Mechanical & Industrial Engineering, IIT Roorkee developed (during the period of lock-down) ***alow-cost portable ventilator considering the special requirements of COVID-19 patients.*** Named as ***Prana-Vayu***, the closed-loop ventilator is developed with collaboration from AIIMS, Rishikesh, and is equipped with state-of-the-art features. The ventilator is based on the controlled operation of the prime mover to deliver the required amount of air to the patient. The automated process controls the pressure and flow rates in the inhalation and exhalation lines. Besides, the ventilator has feedback that can control tidal volume and breathe per minute. The ventilator will be useful for a wide degree of congestions in the respiratory tract and is applicable for all age group patients, especially the elderly. The prototype has been tested successfully for normal and patient-specific breathing conditions. The material cost per ventilator is estimated to be INR 45000/-. This development has found a mention in the Invest India (Ministry of Commerce and Industry) report on ventilator technologies developed in India.
- (ii) This group has also manufactured ***Face Shields*** for first line defense of healthcare professionals. The frame of face shield is 3D printed. The transparent protection shield is replaceable. The manufacturing cost per shield is approximately INR 45. These face shields were distributed freely to front line workers in the cantonment area, municipal workers in Roorkee and Haridwar region in addition to staff at IIT Roorkee.

- (iii) **Vyaan Hepa Reusable Respirator**, developed by three recent graduates of IIT Roorkee, is a truly neoteric product which aims to provide highest level of protection from all kinds of airborne pollutants. Incubated at TIDES, the startup is supported by DST's Seed Support Scheme. The reusable mask is designed during corona pandemic to simultaneously reduce cost and increase efficacy against COVID and pollution. The ergonomically designed Skin-friendly Elastomer Face Seal provides a comfortable and 100% compact seal around the oronasal area. The specially designed electrospun nanofiber filter is arranged compactly to maximize the effective filter area with excellent filtration efficiency of 99.7% of PM0.3 with very low resistance. The Respirator's design is entirely modular and can be disassembled to either replace the HEPA filter or to sanitize the rest of the components
- (iv) A group of researchers at the department of Metallurgical & Materials Engineering has prepared sanitizers according to the WHO guidelines. This has immensely helped the campus community during the COVID-19 pandemic.
- (v) Portable sample collection booth for COVID-19 has been designed by a group of researchers and has been handed over to the local municipality as a social cause.

**Lok Sabha Unstarred Question Diary No. 3390 for answer on 25.03.2021 regarding representation of reserved category students in IITs.**

**From :** Dean FinanceandPlanning <deanfap\_f@iitr.ac.in> Sat, Mar 20, 2021 10:33 AM  
**Subject :** Lok Sabha Unstarred Question Diary No. 3390 for answer on 25.03.2021 regarding representation of reserved category students in IITs. 1 attachment  
**To :** P.J. Soundararajan MHRD <pj.rajan@nic.in>, prashant ag <prashant.ag@gov.in>, ira <iraghavendran.edu@nic.in>  
**Cc :** Director IITRoorkee <director@iitr.ac.in>, Registrar IITR <registrar@iitr.ac.in>

Dear Sir,

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**Lok Sabha Unstarred Diary No. 3390 for Answer on 25.03.2021**

S.No.	Name of the Institute	Name of the Department	Year	No. of Ph.D Student Department Wise					Total
				GEN*	SC	ST	OBC	EWS	
1		ALTERNATE HYDRO ENERGY	2016	22	5	0	7	0	34
2		ARCHITECTURE & PLANNING		35	9	0	9	0	53
3		APPLIED SCIENCE AND ENGINEERING		21	3	0	11	0	35
4		MANAGEMENT STUDIES		61	6	1	21	0	89
5		BIOTECHNOLOGY		98	12	1	34	0	145
6		CIVIL ENGINEERING		123	22	4	38	0	187
7		CHEMICAL ENGINEERING		39	13	1	20	0	73
8		COMPUTER SCIENCE AND ENGINEERING		36	4	1	7	0	48
9		CHEMISTRY		79	17	1	41	0	138
10		DISASTER MITIGATION & MANAGEMENT		9	1	1	3	0	14
11		ELECTRONICS & COMMUNICATION ENGINEERIN		79	4	0	15	0	98
12		ELECTRICAL ENGINEERING		64	11	2	20	0	97
13		EARTHQUAKE ENGINEERING		30	3	1	11	0	45
14		EARTH SCIENCES		51	14	2	24	0	91
15		HUMANITIES & SOCIAL SCIENCES		39	9	1	23	0	72
16		HYDROLOGY		14	3	0	8	0	25
17		INSTITUTE INSTRUMENTATION		7	0	0	4	0	11
18		MATHEMATICS		53	14	2	31	0	100
19		MECHANICAL & INDUSTRIAL ENGINEERING		89	18	2	34	0	143
20		METALLURGICAL & MATERIALS ENGINEERING		35	16	1	19	0	71
21		NANOTECHNOLOGY		15	8	0	10	0	33
22		POLYMER AND PROCESS ENGINEERING		24	10	0	12	0	46
23		PHYSICS		46	8	0	20	0	74
24		PAPER TECHNOLOGY		23	10	0	9	0	42
25		TRANSPORTATION SYSTEMS		9	3	1	3	0	16
26		WATER RESOURCES DEVELOPMENT & MANAGEME		21	5	2	8	0	36
1		ALTERNATE HYDRO ENERGY	20	5	1	5	0	31	
2		ARCHITECTURE & PLANNING	34	10	0	11	0	55	
3		BIOTECHNOLOGY	98	12	1	39	0	150	
4		DISASTER MITIGATION & MANAGEMENT	10	1	1	4	0	16	
5		INSTITUTE INSTRUMENTATION	5	0	0	4	0	9	

6	NANOTECHNOLOGY
7	TRANSPORTATION SYSTEMS
8	CHEMICAL ENGINEERING
9	CHEMISTRY
10	CIVIL ENGINEERING
11	COMPUTER SCIENCE AND ENGINEERING
12	EARTH SCIENCES
13	EARTHQUAKE ENGINEERING
14	ELECTRICAL ENGINEERING
15	ELECTRONICS & COMMUNICATION ENGINEERIN
16	HUMANITIES & SOCIAL SCIENCES
17	HYDROLOGY
18	MANAGEMENT STUDIES
19	MATHEMATICS
20	MECHANICAL & INDUSTRIAL ENGINEERING
21	METALLURGICAL & MATERIALS ENGINEERING
22	PAPER TECHNOLOGY
23	APPLIED SCIENCE AND ENGINEERING
24	POLYMER AND PROCESS ENGINEERING
25	PHYSICS
26	WATER RESOURCES DEVELOPMENT & MANAGEME
1	ALTERNATE HYDRO ENERGY
2	ARCHITECTURE & PLANNING
3	BIOTECHNOLOGY
4	DISASTER MITIGATION & MANAGEMENT
5	INSTITUTE INSTRUMENTATION
6	NANOTECHNOLOGY
7	TRANSPORTATION SYSTEMS
8	CHEMICAL ENGINEERING
9	CHEMISTRY
10	CIVIL ENGINEERING
11	COMPUTER SCIENCE AND ENGINEERING
12	EARTH SCIENCES
13	EARTHQUAKE ENGINEERING

2017

11	7	0	10	0	28
7	2	1	2	0	12
33	13	1	19	0	66
64	15	1	39	0	119
116	22	4	38	0	180
40	5	0	9	0	54
47	12	2	22	0	83
30	3	1	9	0	43
59	8	3	23	0	93
79	4	0	17	0	100
43	9	1	24	0	77
13	3	0	6	0	22
54	5	0	17	0	76
55	18	2	30	0	105
97	17	3	41	0	158
32	18	1	19	0	70
20	11	0	9	0	40
20	3	0	9	0	32
29	14	0	13	0	56
52	10	0	28	0	90
19	3	1	9	0	32
21	3	1	9	0	34
53	14	0	18	0	85
111	17	5	46	0	179
14	1	2	7	0	24
6	1	0	3	0	10
19	5	0	14	0	38
16	3	1	4	0	24
41	17	1	25	0	84
81	17	1	47	0	146
145	26	6	53	0	230
44	6	0	10	0	60
67	13	1	24	0	105
33	2	2	14	0	51

2018



14	IIT Roorkee	ELECTRICAL ENGINEERING	2018	86	9	1	30	0	126
15		ELECTRONICS & COMMUNICATION ENGINEERIN		90	4	0	25	0	119
16		HUMANITIES & SOCIAL SCIENCES		61	15	2	31	0	109
17		HYDROLOGY		22	1	0	4	0	27
18		MANAGEMENT STUDIES		72	8	0	15	0	95
19		MATHEMATICS		50	23	0	38	0	111
20		MECHANICAL & INDUSTRIAL ENGINEERING		111	27	6	52	0	196
21		METALLURGICAL & MATERIALS ENGINEERING		41	19	1	24	0	85
22		PAPER TECHNOLOGY		23	7	0	8	0	38
23		APPLIED SCIENCE AND ENGINEERING		27	2	0	12	0	41
24		POLYMER AND PROCESS ENGINEERING		36	11	0	17	0	64
25		PHYSICS		71	14	1	43	0	129
26		WATER RESOURCES DEVELOPMENT & MANAGEME		19	3	2	10	0	34
1		HYDRO AND RENEWABLE ENERGY		23	3	1	10	0	37
2		ARCHITECTURE & PLANNING		60	15	0	20	1	96
3		BIOTECHNOLOGY		100	16	3	38	0	157
4		DISASTER MITIGATION & MANAGEMENT		19	2	1	5	0	27
5		INSTITUTE INSTRUMENTATION		6	2	0	0	0	8
6		NANOTECHNOLOGY		16	6	0	11	0	33
7		TRANSPORTATION SYSTEMS		14	2	1	5	0	22
8		CHEMICAL ENGINEERING		37	17	3	27	0	84
9	CHEMISTRY	84	14	1	45	1	145		
10	CIVIL ENGINEERING	141	23	7	43	0	214		
11	COMPUTER SCIENCE AND ENGINEERING	46	4	0	14	0	64		
12	EARTH SCIENCES	77	10	1	21	0	109		
13	EARTHQUAKE ENGINEERING	33	2	3	13	0	51		
14	ELECTRICAL ENGINEERING	98	10	2	37	1	148		
15	ELECTRONICS & COMMUNICATION ENGINEERIN	91	6	0	26	1	124		
16	HUMANITIES & SOCIAL SCIENCES	68	13	4	33	3	121		
17	HYDROLOGY	18	3	0	7	1	29		
18	MANAGEMENT STUDIES	65	6	0	15	1	87		
19	MATHEMATICS	49	26	1	32	4	112		
20	MECHANICAL & INDUSTRIAL ENGINEERING	125	24	8	56	2	215		
21	METALLURGICAL & MATERIALS ENGINEERING	43	14	2	24	0	83		
			2019						

22	PAPER TECHNOLOGY		23	5	0	6	0	34
23	APPLIED SCIENCE AND ENGINEERING		25	2	1	14	0	42
24	POLYMER AND PROCESS ENGINEERING		40	11	0	14	0	65
25	PHYSICS		77	14	1	54	4	150
26	WATER RESOURCES DEVELOPMENT & MANAGEMENT		29	4	0	11	1	45
1	APPLIED SC. & ENGG		1	0	0	1	0	2
2	ARCHITECTURE AND PLANNING		2	0	0	3	0	5
3	BIOTECHNOLOGY		1	1	0	5	0	7
4	CENTRE FOR TRANSPORTATION SYSTEMS		1	0	0	0	0	1
5	CHEMICAL ENGG		7	1	1	0	2	11
6	CHEMISTRY		7	2	0	2	0	11
7	CIVIL ENGG		7	5	4	15	7	38
8	COMPUTER SC. & ENGG		4	1	0	2	0	7
9	DISASTER MITIGATION AND MANAGEMENT		0	0	0	0	0	0
10	EARTH SCIENCES		2	2	0	7	4	15
11	EARTHQUAKE ENGG		2	2	1	2	3	10
12	ELECTRICAL ENGG		1	6	4	5	10	26
13	ELECTRONICS AND COMMUNICATION ENGINEERING		8	3	0	7	4	22
14	HUMANITIES AND SOCIAL SCIENCES	2020	3	3	1	2	0	9
15	HYDRO AND RENEWABLE ENERGY		3	2	0	3	0	8
16	HYDROLOGY		1	1	0	2	0	4
17	INST. INSTR. CENTRE		1	0	0	0	0	1
18	MANAGEMENT STUDIES		2	1	0	1	2	6
19	MATHEMATICS		4	0	0	0	1	5
20	MECHANICAL AND INDUSTRIAL ENGINEERING		7	1	0	4	3	15
21	METALLURGICAL AND MATERIALS ENGINEERING		6	3	0	5	0	14
22	NANOTECHNOLOGY		1	0	1	1	1	4
23	PAPER TECHNOLOGY		1	1	0	0	0	2
24	PHYSICS		5	3	1	2	7	18
25	POLYMER AND PROCESS ENGG		1	0	0	1	0	2
26	WATER RESOURCES DEVELOPMENT AND MANAGEMENT		3	4	0	0	2	9
	As on date		2020-21					

**Lok Sabha Unstarred Diary No. 6997: Answer Date: 08/03/2021 regarding Ph.D Programmes in IITs.**

**From :** Dean FinanceandPlanning <deanfap\_f@iitr.ac.in> Tue, Mar 02, 2021 05:03 PM  
**Subject :** Lok Sabha Unstarred Diary No. 6997: Answer Date: 08/03/2021 regarding Ph.D Programmes in IITs. 1 attachment  
**To :** P.J. Soundararajan MHRD <pj.rajan@nic.in>, prashant ag <prashant.ag@gov.in>, ira <lraghavendran.edu@nic.in>  
**Cc :** Director IITRoorkee <director@iitr.ac.in>, Registrar IITR <registrar@iitr.ac.in>

Dear Sir,

Please refer to your email dated 25.02.2021 on the above-mentioned subject. The information with respect to Indian Institute of Technology Roorkee on the prescribed Performa is attached herewith (In the excel sheet).

Kind Regards,

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मुकट लाल शर्मा

कुलशासक (वित्त एवं योजना)

प्रोफेसर, भूकम्प अभियांत्रिकी विभाग

भारतीय प्रौद्योगिकी संस्थान रुड़की

रुड़की - 247667, उत्तराखंड, भारत

Mukat Lal Sharma

Dean (Finance and Planning)

Professor, Department of Earthquake Engineering

Indian Institute of Technology Roorkee

Roorkee - 247667, Uttarakhand, INDIA

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<https://www.iitr.ac.in/Main/pages/en Office of Dean Finance and Planning en .html>

— **Final Lok Sabha Unstarred Dairy No.6997 answer date 08.03.2021.xlsx**  
11 KB

**INDIAN INSTITUTE OF TECHNOLOGY (IITs)**

**LOK SABHA UNSTAREED DIARY NO. 6997 ANSWER DATE:- 08.03.2021**

S.No.	Name of the IITs	Academic Year	No. of application received in Ph.D				Total	No. of application accepted in Ph.D				Total	No of Vacant Ph.D Seats				Total
			General	SC	ST	OBC		General	SC	ST	OBC		General	SC	ST	OBC	
			7	IIT Roorkee	2015-16	3034		803	77	1479	5393		107	32	3	60	
		2016-17	3361	698	116	1572	5747	104	26	4	60	194	141	50	38	83	312
		2017-18	3601	760	107	1783	6251	152	35	9	85	281	239	97	110	135	581
		2018-19	6566	1327	210	3222	11325	229	52	8	96	385	395	164	219	251	1029
		2019-20	6345	1544	245	3212	11346	158	31	11	63	263	107	89	111	120	427
		2020-21	6559	1659	311	3628	12157	76	42	13	74	205	54	101	104	135	394

**Rajya Sabha Unstarred Question Dairy No. U2396 has been admitted as "Rajya Sabha Unstarred Question No. 2608" for answer on 18.03.2021**

**From :** Dean FinanceandPlanning <deanfap\_f@iitr.ac.in> Fri, Mar 12, 2021 05:25 PM  
**Subject :** Rajya Sabha Unstarred Question Dairy No. U2396 has been admitted as "Rajya Sabha Unstarred Question No. 2608" for answer on 18.03.2021 1 attachment  
**To :** P.J. Soundararajan MHRD <pj.rajana@nic.in>, Iraghavendran edu <Iraghavendran.edu@nic.in>  
**Cc :** Director IITRoorkee <director@iitr.ac.in>, Registrar IITR <registrar@iitr.ac.in>

Dear Sir,

Please refer to your email dated 12.03.2021 on the above-mentioned subject. The information with respect to Indian Institute of Technology Roorkee is attached herewith (Annexure-I).

Kind Regards,

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मुकट लाल शर्मा  
कुलशासक (वित्त एवं योजना)  
प्रोफेसर, भूकम्प अभियांत्रिकी विभाग  
भारतीय प्रौद्योगिकी संस्थान रुड़की  
रुड़की - 247667, उत्तराखंड, भारत  
Mukat Lal Sharma  
Dean (Finance and Planning)  
Professor, Department of Earthquake Engineering  
Indian Institute of Technology Roorkee  
Roorkee - 247667, Uttarakhand, INDIA  
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[https://eq.iitr.ac.in/Sharma\\_ML/](https://eq.iitr.ac.in/Sharma_ML/)  
[https://www.iitr.ac.in/Main/pages/en\\_Office\\_of\\_Dean\\_Finance\\_and\\_Planning\\_en.html](https://www.iitr.ac.in/Main/pages/en_Office_of_Dean_Finance_and_Planning_en.html)

— **Equal Opportunity Cell.docx**

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## Annexure-I

Sl. No.	Query	IITR Reply
(a)	Whether the Ministry has issued any direction/guidelines for constituting SC/ST/OBC Cells or Equal Opportunity Cells in the IITs, if so the details thereof;	IIT Roorkee is following the DOPT guidelines as given in office memorandum No. 43011/153/2010-Estt. (Res.) dated 04.01.2013.
(b)	Whether any IITs have set up SC/ST/OBC Cells or Equal Opportunity Cells in their campus, if so, that details thereof and if not, the reasons therefor;	IIT Roorkee have set up Liaison cell
(c)	Whether any of the IITs have set up the Special Academic Support Programs to help with the academic deficiencies of their students especially for SC, ST and OBC Students, if so, the details therefor?	<p>The following Academic Support available in IITR is given below:-</p> <p>(i) <b>Academic Probation</b>- Students with less SGPA/ who have backlog in one or more courses are put on academic probation wherein a committee constituted by the concerned department monitors and mentors them.</p> <p>(ii) <b>Slow Pace Programme</b>- UG students with poor academic performance after the first sum are also put on slow pace programme so as their load could be reduced till they earn the desired SGPA.</p> <p>(iii) <b>Programme Advisors/ Coordinators</b>- Every department has earmarked programme advisors/ senior students as mentors who guide and assist students in all academic related concerns.</p> <p>(iv) <b>Extended Duration of Programmes</b>- Students are allowed to complete their programme beyond the permissible period on their requests i.e. 4 yr UG extendable upto 6 yr, 5 yr UU can be extended till 7 yr, 2 yr PG programmes can be extended till 3 years.</p> <p>(v) <b>Institute assistantship and scholarship</b>- The eligible students can avail assistantships/ scholarships for academic support.</p> <p>(vi) <b>Fee Waive off/ Relaxation</b>- Tuition fee waive off/ relaxation is also provided to students as per the govt. norms and regulations.</p>

**Rajya Sabha Provisionally Admitted Question Dy. no U2385 and U2384 for 18.03.2021 regarding Suicide cases of students at national institutes**

**From :** Dean FinanceandPlanning <deanfap\_f@iitr.ac.in> Fri, Mar 12, 2021 04:59 PM  
**Subject :** Rajya Sabha Provisionally Admitted Question Dy. no U2385 and U2384 for 18.03.2021 regarding Suicide cases of students at national institutes 1 attachment  
**To :** P.J. Soundararajan MHRD <pj.rajana@nic.in>, prashant ag <prashant.ag@gov.in>, Iraghavendran edu <Iraghavendran.edu@nic.in>  
**Cc :** Director IITRoorkee <director@iitr.ac.in>, Registrar IITR <registrar@iitr.ac.in>

Dear Sir,

Please refer to your email dated 10.03.2021 forwarded therewith letter F.No.H.11016/06/2021-CDN dated: 09<sup>th</sup> March, 2021 on the above mentioned subject. The information with respect to Indian Institute of Technology Roorkee on the prescribed Performa is attached herewith (In the excel sheet).

Kind Regards,

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मुकट लाल शर्मा  
कुलशासक (वित्त एवं योजना)  
प्रोफेसर, भूकम्प अभियांत्रिकी विभाग  
भारतीय प्रौद्योगिकी संस्थान रुड़की  
रुड़की - 247667, उत्तराखंड, भारत  
Mukat Lal Sharma  
Dean (Finance and Planning)  
Professor, Department of Earthquake Engineering  
Indian Institute of Technology Roorkee  
Roorkee - 247667, Uttarakhand, INDIA  
Tel (O) : +91 1332 285270  
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[https://eq.iitr.ac.in/Sharma\\_ML/](https://eq.iitr.ac.in/Sharma_ML/)  
<https://www.iitr.ac.in/Main/pages/en Office of Dean Finance and Planning en .html>

— **Suicide Last 5 Year and current year semester wise (3).xlsx**

11 KB



**INDIAN INSTITUTE OF TECHNOLOGY (IITs)****Student Suicide Last 5 Years & Current Year (Semester-wise)**

S.No.	Name of the IITs	Batch	Details of the Suicide in the last 5 years and Current year (Semester-wise)	Remarks
1	IIT Roorkee	2016	Nil	
		2017	1	
		2018	1	
		2019	Nil	
		2020	Nil	
		2021 (As on 28.02.2021)	Nil	

**Rajya Sabha Provisionally Admitted Starred/Unstarred Dairy No. U4075 for answer on 18.03.2021 regarding "Reservation norms in IITs"**

**From :** Dean FinanceandPlanning <deanfap\_f@iitr.ac.in> Wed, Mar 10, 2021 05:57 PM  
**Subject :** Rajya Sabha Provisionally Admitted Starred/Unstarred Dairy No. U4075 for answer on 18.03.2021 regarding "Reservation norms in IITs" 3 attachments  
**To :** P.J. Soundararajan MHRD <pj.rajan@nic.in>, prashant ag <prashant.ag@gov.in>, ira <iraghavendran.edu@nic.in>  
**Cc :** Director IITRoorkee <director@iitr.ac.in>, Registrar IITR <registrar@iitr.ac.in>

Dear Sir,

Please refer to your email dated 06.03.2021 on the above-mentioned subject. The information with respect to Indian Institute of Technology Roorkee is attached herewith (Annexure-I).

Kind Regards,

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मुकट लाल शर्मा  
कुलशासक (वित्त एवं योजना)  
प्रोफेसर, भूकम्प अभियांत्रिकी विभाग  
भारतीय प्रौद्योगिकी संस्थान रुड़की  
रुड़की - 247667, उत्तराखंड, भारत  
Mukat Lal Sharma  
Dean (Finance and Planning)  
Professor, Department of Earthquake Engineering  
Indian Institute of Technology Roorkee  
Roorkee - 247667, Uttarakhand, INDIA  
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Mobile : +91 9412075062

Email: [deanfap\\_f@iitr.ac.in](mailto:deanfap_f@iitr.ac.in)

[https://eq.iitr.ac.in/Sharma\\_ML/](https://eq.iitr.ac.in/Sharma_ML/)

[https://www.iitr.ac.in/Main/pages/en\\_Office\\_of\\_Dean\\_Finance\\_and\\_Planning\\_en.html](https://www.iitr.ac.in/Main/pages/en_Office_of_Dean_Finance_and_Planning_en.html)

— **Reservation norms in IITs.docx**

14 KB

— **P-1 Ph.D. admission rules for Cut-Off (1).pdf**

359 KB

— **P-2 M.Tech. Brochure 2020-21.pdf**

969 KB

## Annexure-I

Sl. No.	Query	IITR Reply
(a)	The details of the applicability of existing reservation norms in Ph.D. and Postgraduate programme admissions in IITs through seats which are not funded by Government sources, like research project staff, sponsored, self-financed, external and part-time researchers;	As per existing Institute policy for admission to Ph.D. and PG programmes, the existing reservation norms are not applicable at IITR for research project staff, sponsored, external and part-time researchers as admissions in these categories are done over and above the sanctioned intake (seat-matrix). Note: The category of 'Self-Finance' does not exist for admission to Ph.D. and PG programmes'.
(b)	Whether cut-off marks for SC/ST/OBC/EWS categories, decided by the various department of IITs, for selection to their research programmes are regulated by any directives issued by Government/courts;	Institute Policy as per the Senate decision (Item no.60.23 attached at P-1) is followed. Accordingly, guidelines are provided by PG Admission Office to the departments / centers of IITR for compliance towards selection of the candidates to the research programmes. Note: Point no. 3(b) of A.4 'Short Listing and Selection' of the attached Senate Minutes may be referred.
(c)	The details on how cut-off are decided for each social category?	<p><b>(1) W.r.t. admission to M.Tech. / M.Arch. / M.U.R.P. programmes:</b> Admission of M.Tech. / M.Arch. / M.U.R.P. are given on the basis of merit and seat availability. The merit list is prepared of all eligible candidates on the basis of normalized GATE Marks.</p> <p>For reference, Information Brochure for Admission to PG Programme (M.Tech./M.Arch./M.U.R.P.) 2020-21 is attached at P-2.</p> <p><b>(2) W.r.t. admission to MBA programme:</b> The norms of cut-off is applicable as per Institute Policy.</p> <p><b>(3) W.r.t. admission to M.Sc. programmes and UG programmes:</b> Cut-off Marks of JAM subject papers for each of the reserved category candidates will be fixed at the lowest possible value as per the prevailing Govt. of India norms.</p>

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Ph.D. Admission Rules

PREAMBLE

Indian Institute of Technology (I.I.T.) Roorkee offers academic programmes leading to the award of Ph.D. degree through its Departments/Centres. The award of Ph.D. degree is in recognition of high academic achievements, independent research and application of knowledge to the solution of technical and scientific problems in Science, Technology, Architecture & Planning, Humanities & Social Science and Management; creative and productive inquiry is the basic concept underlying the research work.

The academic programme leading to the Ph.D. degree is broad-based and involves a prescribed course credit requirement and a research thesis. The institute also encourages interdisciplinary areas through a system of Co-supervision and provides excellent opportunities for such programmes. The institute undertakes sponsored research and development projects from industrial and other organizations in the public as well as private sector.

The degree of Doctor of Philosophy shall be abbreviated as Ph.D. The Degree of Doctor of Philosophy is granted for research work in areas recognized by the Academic Departments/centres of the Institute subject to the conditions and regulations contained hereinafter.

The research work shall be an original work characterized either by the discovery of facts, or by a fresh approach towards the interpretation and application of facts, or development of innovative products and technologies. It shall evince the candidate's capacity for critical examination and sound judgment and shall represent original contribution to the existing knowledge.

The degree of doctor of philosophy (Ph.D.) of the Indian Institute of technology, Roorkee shall be conferred on a candidate who successfully completes all the requirements specified in these ordinances and regulations, which were approved by Board of Governors/Senate.

1. Definitions

- (i) "DRC/CRC" shall mean the Research Committee of the Department/Centre.
- (ii) "Applicant" shall mean an individual who applies for admission to the Ph.D. programme of Indian Institute of Technology, Roorkee on a prescribed Application Form.
- (iii) "IRC" shall mean the Institute Research Committee of Indian Institute of Technology, Roorkee
- (iv) "Candidate" shall mean a person registered for the Ph.D. Degree and who has successfully completed the course requirement, the written and oral comprehensive examinations, and has submitted and presented the research plan and approved as per clauses R.5 and R.6 of the Regulations.
- (v) "DA" shall mean the Dean, Academics.
- (vi) "Research Student" shall mean a person registered for the Ph.D. programme of Indian Institute of Technology, Roorkee before becoming the candidate.
- (vii) "Supervisor(s)" shall mean member(s) of the academic staff of the Institute approved by Competent Authority to guide/supervise the research/ academic work of the research student/candidate.
- (viii) "Co-supervisor(s)" shall mean member(s) of the academic staff of the Institute or any person from other organization recommended by SRC, DRC, Head of the Department/Centre and approved by Competent Authority to guide/supervise the research/ academic work of the research student/candidate.

- (ix) "Caretaker Supervisor" shall mean a member of the academic staff appointed to look after the administrative interests of a research student/candidate in the absence of the Supervisor(s) and after the submission of the thesis, if necessary as per clause R.3.5 of the Regulations.
- (x) "Course Work" shall mean courses of study prescribed by the Department/Centre through the Student Research Committee, to be undertaken by a research student registered for the Ph.D. Degree.
- (xi) "Degree" shall mean the Degree of Doctor of Philosophy (Ph.D.) of the Indian Institute of Technology, Roorkee.
- (xii) "Educational Institution" shall mean those Institutes, which offer Bachelor's or higher Degree.
- (xiii) "Institute" shall mean the Indian Institute of Technology, Roorkee (IIT Roorkee).
- (xiv) "Full-time Research Student/Candidate" shall mean a person registered for the Ph.D. Degree devoting full time at the Institute for completing the degree requirements.
- (xv) "Part time Research Student/Candidate" is a person who is registered for the Ph.D. degree and has been allowed to devote part of his time towards this pursuit.
- (xvi) "Registration Period" shall mean the length of time span commencing with the date of initial registration at the Institute.
- (xvii) "ODC" shall mean Oral Defence Committee.
- (xviii) "Residency" shall mean the minimum period for which a student/candidate must attend the institute.
- (xix) "SRC" shall mean Student Research Committee.
- (xx) "Sponsored Research Student/Candidate" shall mean a research student/candidate sponsored by an organization /his employer who provides full financial support for doing Ph.D.
- (xxi) "Competent Authority" shall mean the Director of IIT, Roorkee or any officer to whom the Director delegates the authority.

**NOTE: 'HE' & 'HIS' IMPLY 'HE'/ 'SHE' AND 'HIS'/ 'HER' RESPECTIVELY.**

**A.1 ADMISSION CATEGORIES**

1. The applicant for admission to the Ph.D. programme shall be classified under any one of the following categories which will be decided and recommended by DRC/CRC.

**(I) Full-time Research student/Candidate**

- a) Research student/Candidate getting Institute MHRD assistantship.
- b) Research student/Candidate including foreign nationals getting financial support from Govt. / Semi Govt. agencies (QIP, CSIR, UGC, NET, DAE, DST, DBT, NBHM, ICCR, ICAR, ICMR, GPAT, NDF, INSPIRE etc.)
- c) Research student/Candidate including foreign nationals sponsored by an organization, the applicant (Sponsored Research Student/ Candidate) having TWO years' experience out of which at least ONE year experience with the sponsoring agency at the time of registration for Ph.D. program.
- d) Self-Financed Sponsored Research student/ Candidate

(i) **Foreign:** Admission of Foreign nationals to Ph.D. programme will be made as per Institute Policy and directions received from Govt. of India from time to time.

(ii) **Study Leave:** This category refers to persons who are released from governmental educational institutions on study leave for a period of not less than three years for pursuing Ph.D. programme. They will be admitted along with the regular research students through the usual admission procedure.



- e) \*Research student / Candidate regularly working full time in an R&D project at IITR. His Ph.D. topic shall confirm to the project as certified by the SRC.

**ii) Part-time Research Student/ Candidate:**

- a) Research student/Candidate working as a regular employee in the Institute  
b) \* Research student / Candidate working regularly full-time in an R&D project in the institute. The project must have tenure of at least next 1½ years at the time of admission.  
c) Research student / Candidate working in other organizations/ institutes, approved by IIT Roorkee as Research Centre or having MoU for research purposes.

\*The research student / candidate working in a project will be given full time status, provided his research for Ph.D. is related to the project as certified by the SRC. However, part time research student/candidate may be given full time status when the project tenure is completed.

**A.2 ADMISSION ELIGIBILITY**

1. An applicant belonging to the above admission categories in clause A.1 should possess the following qualifications in appropriate areas to be eligible to apply for admission for the Ph.D. programme of the Institute.

- a) Masters degree or equivalent in respective discipline with a minimum Cumulative Grade Point Average (CGPA) of 6.50 on a 10 point scale or equivalent as determined by the Institute wherever letter grades are awarded; or 60% marks in aggregate (of all the years/semesters) where marks are awarded, for the GENERAL (UR) category and qualified national level graduate entrance test: GATE/UGC-NET/CSIR-NET or equivalent or holding a national level fellowship. The condition for national level graduate admission test is not applicable to sponsored full-time and part-time research candidates.

OR

- b) B.Tech. / B.Arch. degree or equivalent in respective discipline from CFTIs with excellent academic record (with a minimum CGPA of 7.00 on a 10 point scale or 75% marks) with GATE.

Graduates from the IITs getting a CGPA score of 8.00 or above (on scale of 10) would be entitled to the assistantship without having to appear in GATE.

OR

The candidates pursuing master's programs in Engineering or Architecture from IIT Roorkee having CGPA of at least 8.50 on a 10 point scale (after first year/ completing all courses) shall have a choice of internal lateral entry in to Ph.D. programme after completing all requirements of the first two semesters of first year of the Master's programme.

2. The admission eligibility requirements may be relaxed to 5.5 on a 10 point scale or equivalent, or to 55% marks to the following categories:
- a. SC/ST candidates with Master's degree or equivalent degree.  
b. Any category of PD (Persons with different abilities) candidate holding Master's degree or equivalent degree.

- 252 -

**3. Eligibility for Part-time Ph.D.**

- a) The applicant possesses the minimum entry qualifications for the degree as given in clause A.2.1;

- b) The applicant proves that his official duties permit him to devote sufficient time to research;
  - c) He / She will be required to reside at the Institute for a period till he/she is admitted for candidacy. (This condition of minimum residency period will be automatically waived for candidates who are working in Roorkee or in Organizations / Institutions located within a distance of 100 km from the Institute).
  - d) The facility of part time registration will also be available to all employees of the IIT Roorkee or candidates working in organizations having MoU with IITR or organizations approved by IIT Roorkee as Research Centres. Such applicants are exempted from the requirement of having GATE/NET/GPAT.
  - e) The applicants must have been in continuous service with the sponsoring organization for at least two years at the time of registration.
  - f) The candidates working in Institute/ University awarding Ph.D degree itself are not eligible for admission as part-time or full-time candidate, if facilities are not available except QIP candidates.
4. Employee seeking admission to the Ph.D. programme with minimum of two years service in an organization or confirmed regular employee shall submit 'No Objection Certificate' from the employer to the effect that the duties allotted by the employer will allow the required time for this pursuit.
5. The candidate seeking admission to Ph.D. programme as project fellow (JRF/SRF) either as full-time or part-time research scholar, shall be allowed to register for Ph.D. in the beginning of the next semester, if the candidate is selected in project as project fellow through proper selection, i.e, proper advertisement of project fellowship and selection by the committee constituted as per Institute rules. The candidate shall register with the PI as supervisor.
- If the candidate is not selected in project through proper advertisement or the candidate wants to switch over to MHRD assistance, he/she has to appear for Ph.D selection along with other candidates provided he/she has 'No-Objection Certificate' from the PI.
- The project fellows shall be allowed to register for Ph.D. only if the remaining period of the project is at least 1½ years at the time of admission. These candidates are also eligible for MHRD assistantship for a maximum period of TWO years once their project is completed provided the essential qualifications for MHRD assistantships are met. The candidate has to apply for MHRD assistantship through SRC.

### A.3 RESERVATION

15% (Fifteen percent) of seats are reserved for Scheduled Caste applicants, 7.5% for Scheduled Tribe applicants and 27% for Other Backward Classes. A total of 3% of the sanctioned strength will be reserved horizontally for PD (Persons with different abilities) Applicants in the Ph.D. programme of the Institute put together. The reservation is extended to research students/candidates of reserve categories as per the policy of the Government of India, Ministry of Human Resource Development.

### A.4 SHORT LISTING AND SELECTION

1. The short listing of applications for the purpose of admission will be carried out by the DRC/CRC of the concerned department/centre.
2. The DRC/CRC of the concerned department/centre may set the short-listing criteria, if considered necessary, higher than the minimum eligibility criteria defined in clause A.2.
3. The basic guidelines/instructions for short listing and selection are given below:



**A.5 DUAL DEGREE (M.TECH. + Ph.D) Programme**

**A.5.1 General Guidelines**

1. This program is applicable only to major Engineering Departments and Department of Architecture and Planning engaged in undergraduate teaching.
2. After completing two semesters of M.Tech. 1 Year, the students having CGPA more than 8.50 will be given the choice to apply for Ph.D. programme, if he/she desires.
3. The candidate should have been registered for TWO semesters of 1 Yr of M.Tech. program and successfully completed all courses of 1 Yr including seminar.
4. Once admitted for Ph.D. program, normal Ph.D. rules, including fellowship, leaves etc., will be applicable.
5. These students will get two degrees both M.Tech. and Ph.D. after successful completion of Ph.D.
6. The students admitted for Ph.D. may have to do extra courses if recommended by SRC to carry out the research work.
7. These students will have to go through comprehensive written and comprehensive oral examination after completing the extra courses, if any.
8. Only after successfully completing the comprehensive examination, the students can present the research proposal.
9. The comprehensive examination and the presentation of research proposal should have been completed within a year from the date of switching over to Ph.D. program.
10. These students will not be eligible for campus placement along with M.Tech. students. However, they can appear for campus placement along with Ph.D. students.

- a) A merit list of all candidates shall be prepared on the basis of UG and PG marks only for short listing the candidates. The list shall include all PG candidates both from IITs and non-IITs. GATE, Inspire, ICAR, ICMR, GPAT or their equivalent shall be considered only as qualifying criteria.
- b) Depending on the number of seats, the departments may decide cut-off marks and call the candidates as per institute policy. (i.e., if 'X' is the cut-off marks for GEN category, 0.90\*X will be the cut-off for OBC category and (2/3)\*X will be the cut-off for SC/ST/PD categories). The departments must ensure that sufficient numbers of candidates from reserved categories are called for admission.
- c) All candidates holding bachelor's degree from CFTIs including IITs and NITs having CGPA more than 7.00 on a 10 point scale shall be called, even if they have not done PG but qualified GATE.
- d) All candidates holding bachelor's degree from IITs having CGPA more than 8.00 on a 10 point scale shall be called, even if they have not appeared in GATE.
- e) All candidates holding master's degree from IITs having CGPA of 8.00 shall be called for interview/written test or both as applicable.
- f) The final selection of candidates will be on the basis of either interview only or written test-shortlisted-interview as decided by the departments.
- g) If the departments are selecting the candidates only on the basis of interview, department may put a higher cut-off criteria to restrict the number of candidates called for selection. However, all candidates as per point (c) to (e) must be called.
- h) If the departments are conducting written test, the candidates are shortlisted on the basis of their performance in written test and only these shortlisted candidates are to be interviewed. The final selection of candidates will be done on the basis of performance both in written test and interview (40% written test + 60% interview).

11. If the student fails in comprehensive examination, he/she may continue with M.Tech.
12. In case, if a student is asked to leave the Ph.D. program in between due to some reason, after the candidacy, he/she can leave the program with M.Tech. degree only provided he/she submits the work completed till then as M.Tech. dissertation work satisfying the requirement of M.Tech. degree. However, if a student leaves the program on his/her own, he/she will not be entitled for any degree.

**A.5.2 Procedure for Switching over to Ph.D.**

1. Online application will be invited in the month of May every year. Students aspiring to switchover from M.Tech. to Ph.D. will apply online.
2. The department will constitute a committee to interview the candidates applied for dual degree.
3. The merit list will be prepared considering 40% weight to CGPA and 60% weight to interview and the final selection will be done on the basis of performance both in masters' programme and interview.

### Guidelines for Supervision of Ph.D. Students of Other Institutes/ Universities

A faculty member of IIT Roorkee may supervise and guide Ph.D. students of other institutes/universities subject to following conditions:

- a) The host Institution/University is recognized by MHRD-UGC/AICTE or a foreign Institute/University of repute.
- b) The request must be forwarded by the competent authority of the host institution.
- c) The concerned faculty should have guided/guiding at least one Ph.D. student registered at IIT Roorkee.
- d) The total number of such externally enrolled Ph.D. students under any faculty of IIT Roorkee, should not be more than 2 (two) at any point of time.
- e) Due to extension of this facility to the host institution, the work of the IIT Roorkee should not suffer.
- f) If the concerned faculty of IIT Roorkee, as supervisor of thesis of students of another institute/university is required to visit outside, he/she shall seek specific approval for the visit on Casual Leave/leave as due, by the competent authority and shall not be on duty for the visit. Further, the expenses, facilities etc. in this regard shall not be borne by the IIT Roorkee.
- g) If the external candidate wishes to avail the facilities at IIT Roorkee, he/she shall register as casual student for a period not exceeding six months by paying tuition fee being charged from the research student/candidate of IIT Roorkee as per rules and regulations and pay for all other facilities here.
- h) The host Institution/University as per regulations appoints a foreigner as one of the examiners for Ph.D. thesis or else it is recognized by IIT Roorkee for this purpose. Wherever, the foreign examiner is not appointed, the Director is authorized to take such a decision. A Standing committee of Dean, Academics, Dean (Faculty Affairs) and the concerned Head of the Department/Centre is constituted to consider such requests from the host institution.

  
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**Rajya Sabha Provisionally Admitted Starred/Unstarred Dairy No. U2396 for answer on 18.03.2021 regarding "Equal Opportunity Cell in IITs"**

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**From :** Dean FinanceandPlanning <deanfap\_f@iitr.ac.in> Wed, Mar 10, 2021 05:35 PM  
**Subject :** Rajya Sabha Provisionally Admitted Starred/Unstarred Dairy No. U2396 for answer on 18.03.2021 regarding "Equal Opportunity Cell in IITs" 1 attachment  
**To :** P.J. Soundararajan MHRD <pj.rajn@nic.in>, prashant ag <prashant.ag@gov.in>, ira <iraghavendran.edu@nic.in>  
**Cc :** Director IITRoorkee <director@iitr.ac.in>, Registrar IITR <registrar@iitr.ac.in>

Dear Sir,

Please refer to your email dated 06.03.2021 on the above-mentioned subject. The information with respect to Indian Institute of Technology Roorkee is attached herewith (Annexure-I).

Kind Regards,

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मुकट लाल शर्मा  
कुलशासक (वित्त एवं योजना)  
प्रोफेसर, भूकम्प अभियांत्रिकी विभाग  
भारतीय प्रौद्योगिकी संस्थान रुड़की  
रुड़की - 247667, उत्तराखंड, भारत  
Mukat Lal Sharma  
Dean (Finance and Planning)  
Professor, Department of Earthquake Engineering  
Indian Institute of Technology Roorkee  
Roorkee - 247667, Uttarakhand, INDIA  
Tel (O) : +91 1332 285270  
Tel (O) : +91 1332 285536  
Mobile : +91 9412075062  
Email: [deanfap\\_f@iitr.ac.in](mailto:deanfap_f@iitr.ac.in)  
[https://eq.iitr.ac.in/Sharma\\_ML/](https://eq.iitr.ac.in/Sharma_ML/)  
[https://www.iitr.ac.in/Main/pages/en Office of Dean Finance and Planning\\_en.html](https://www.iitr.ac.in/Main/pages/en Office of Dean Finance and Planning_en.html)

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## Annexure-I

Sl. No.	Query	IITR Reply
(a)	Whether the Ministry has issued any direction/guidelines for constituting SC/ST/OBC Cells or Equal Opportunity Cells in the IITs, if so the details thereof;	IIT Roorkee is following the DOPT guidelines as given in office memorandum No. 43011/153/2010-Estt. (Res.) dated 04.01.2013.
(b)	Whether any IITs have set up SC/ST/OBC Cells or Equal Opportunity Cells in their campus, if so, that details thereof and if not, the reasons therefor;	IIT Roorkee have set up Liaison cell
(c)	Whether any of the IITs have set up the Special Academic Support Programs to help with the academic deficiencies of their students especially for SC, ST and OBC Students, if so, the details therefor?	<p>The following Academic Support available in IITR is given below: -</p> <p>(i) <b>Academic Probation</b>- Students with less SGPA/ who have backlog in one or more courses are put on academic probation wherein a committee constituted by the concerned department monitors and mentors them.</p> <p>(ii) <b>Slow Pace Programme</b>- UG students with poor academic performance after the first sum are also put on slow pace programme so as their load could be reduced till they earn the desired SGPA.</p> <p>(iii) <b>Programme Advisors/ Coordinators</b>- Every department has earmarked programme advisors/ senior students as mentors who guide and assist students in all academic related concerns.</p> <p>(iv) <b>Extended Duration of Programmes</b>- Students are allowed to complete their programme beyond the permissible period on their requests i.e. 4 yr UG extendable upto 6 yr, 5 yr UU can be extended till 7 yr, 2 yr PG programmes can be extended till 3 years.</p> <p>(v) <b>Institute assistantship and scholarship</b>- The eligible students can avail assistantships/ scholarships for academic support.</p> <p>(vi) <b>Fee Waive off/ Relaxation</b>- Tuition fee waive off/ relaxation is also provided to students as per the govt. norms and regulations.</p>

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**Rajya Sabha Provisionally Admitted Starred/Unstarred Dairy No. U3285 for answer on 18.03.2021 regarding "Reservation status in IIT, Bombay"**

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**From :** Dean FinanceandPlanning <deanfap\_f@iitr.ac.in> Wed, Mar 10, 2021 05:35 PM  
**Subject :** Rajya Sabha Provisionally Admitted Starred/Unstarred Dairy No. U3285 for answer on 18.03.2021 regarding "Reservation status in IIT, Bombay" 1 attachment  
**To :** P.J. Soundararajan MHRD <pj.rajani@nic.in>, prashant ag <prashant.ag@gov.in>, ira <lraghavendran.edu@nic.in>  
**Cc :** Director IITRoorkee <director@iitr.ac.in>, Registrar IITR <registrar@iitr.ac.in>

Dear Sir,

Please refer to your email dated 08.03.2021 on the above-mentioned subject. The information with respect to Indian Institute of Technology Roorkee on the prescribed Performa is attached herewith (In the excel file).

Kind Regards,

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मुकट लाल शर्मा  
कुलशासक (वित्त एवं योजना)  
प्रोफेसर, भूकम्प अभियांत्रिकी विभाग  
भारतीय प्रौद्योगिकी संस्थान रुड़की  
रुड़की - 247667, उत्तराखंड, भारत  
Mukat Lal Sharma  
Dean (Finance and Planning)  
Professor, Department of Earthquake Engineering  
Indian Institute of Technology Roorkee  
Roorkee - 247667, Uttarakhand, INDIA  
Tel (O) : +91 1332 285270  
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Mobile : +91 9412075062  
Email: [deanfap\\_f@iitr.ac.in](mailto:deanfap_f@iitr.ac.in)  
[https://eq.iitr.ac.in/Sharma\\_ML/](https://eq.iitr.ac.in/Sharma_ML/)  
[https://www.iitr.ac.in/Main/pages/en Office of Dean Finance and Planning\\_en.html](https://www.iitr.ac.in/Main/pages/en Office of Dean Finance and Planning_en.html)

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**Reply. Rajay Sabha Unstarred Dairy No.U3285 answer date 18.03.2021 -**

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## Academic Year 2020-21

S.No.	Name of the IITs	Department	Course	Reserved Seats					Filled up Seats					Vacant Seats				
				General	SC	ST	OBC	EWS	General	SC	ST	OBC	EWS	General	SC	ST	OBC	EWS
1	IIT Roorkee	APPLIED SC. & ENGG	UG	No UG programme is available														
			PG	No PG programme is available														
			Ph.D.	1	4	2	3	3	1	0	0	1	0	0	4	2	2	3
2		ARCHITECTURE AND PLANNING	UG	15	6	2	10	4	14	2	0	10	5	0	0	0	0	
			PG	10	4	2	8	2	10	4	2	7	2	0	0	0	1	0
			Ph.D.	1	0	5	5	6	2	0	0	3	0	-1	0	5	2	6
3		BIOTECHNOLOGY	UG	17	7	4	13	5	17	6	1	13	5	0	0	0	0	
			PG	23	9	5	16	6	20	8	5	15	4	3	1	0	1	2
			Ph.D.	1	12	7	18	10	1	1	0	5	0	0	11	7	13	10
4		CENTRE FOR TRANSPORTATION SYSTEMS	UG	No UG programme is available														
			PG	4	2	1	3	1	4	1	1	2	0	0	1	0	1	1
			Ph.D.	1	1	0	0	2	1	0	0	0	0	0	1	0	0	2
5		CHEMICAL ENGG	UG	65	24	12	43	16	62	24	9	42	16	0	0	0	0	
			PG	8	3	2	6	2	8	3	1	6	2	0	0	1	0	0
			Ph.D.	10	1	3	0	9	7	1	1	0	2	3	0	2	0	7
6		CHEMISTRY	UG	11	4	1	6	3	10	2	0	5	2	0	0	0	0	
			PG	23	8	4	15	5	22	7	3	15	5	1	1	1	0	0
			Ph.D.	16	9	8	19	11	7	2	0	2	0	9	7	8	17	11
7		CIVIL ENGG	UG	79	29	15	52	19	74	29	15	51	19	0	0	0	0	
			PG	38	14	7	24	8	37	14	6	22	8	1	0	1	2	0
			Ph.D.	8	13	9	21	20	7	5	4	15	7	1	8	5	6	13
			UG	44	16	9	29	11	43	15	9	29	11	0	0	0	0	



## Academic Year 2020-21

S.No.	Name of the IITs	Department	Course	Reserved Seats					Filled up Seats					Vacant Seats				
				General	SC	ST	OBC	EWS	General	SC	ST	OBC	EWS	General	SC	ST	OBC	EWS
8		COMPUTER SC. & ENGG	PG	13	5	2	9	3	13	5	2	9	3	0	0	0	0	0
			Ph.D.	5	7	5	10	6	4	1	0	2	0	1	6	5	8	6
9		DISASTER MITIGATION AND MANAGEMENT	UG	No UG programme is available														
			PG	4	2	1	3	1	4	2	1	2	1	0	0	0	1	0
			Ph.D.	1	0	0	3	2	0	0	0	0	0	1	0	0	3	2
10		EARTH SCIENCES	UG	32	12	5	22	8	30	10	1	22	8	0	0	0	0	0
			PG	8	3	1	5	2	7	3	1	5	2	1	0	0	0	0
			Ph.D.	1	8	7	16	9	2	2	0	7	4	-1	6	7	9	5
11		EARTHQUAKE ENGG	UG	No UG programme is available														
			PG	17	6	3	11	4	16	6	2	11	4	1	0	1	0	0
			Ph.D.	1	6	1	4	6	2	2	1	2	3	-1	4	0	2	3
12		ELECTRICAL ENGG	UG	56	25	12	46	16	54	25	12	45	17	0	0	0	0	0
			PG	23	9	4	16	8	23	9	4	15	8	0	0	0	1	0
			Ph.D.	1	11	9	9	12	1	6	4	5	10	0	5	5	4	2
13		ELECTRONICS AND COMMUNICATION ENGINEERING	UG	44	16	9	29	11	44	16	9	29	11	0	0	0	0	0
			PG	14	5	3	9	3	10	4	3	8	3	4	1	0	1	0
			Ph.D.	12	12	8	16	9	8	3	0	7	4	4	9	8	9	5
14		HUMANITIES AND SOCIAL SCIENCES	UG	No UG programme is available														
			PG	15	6	3	10	4	9	5	2	9	1	6	1	1	1	3
			Ph.D.	2	3	2	2	5	3	3	1	2	0	-1	0	1	0	5
15		HYDRO AND RENEWABLE ENERGY	UG	No UG programme is available														
			PG	11	4	2	7	3	8	3	2	4	3	3	1	0	3	0



## Academic Year 2020-21

S.No.	Name of the IITs	Department	Course	Reserved Seats					Filled up Seats					Vacant Seats				
				General	SC	ST	OBC	EWS	General	SC	ST	OBC	EWS	General	SC	ST	OBC	EWS
			Ph.D.	3	3	1	3	3	3	2	0	3	0	0	1	1	0	3
16	HYDROLOGY	UG	No UG programme is available															
		PG	9	3	2	6	2	9	3	0	6	2	0	0	2	0	0	
		Ph.D.	1	3	2	3	2	1	1	0	2	0	0	2	2	1	2	
17	INST. INSTR. CENTRE	UG	No UG programme is available															
		PG	No PG programme is available															
		Ph.D.	1	1	0	1	0	1	0	0	0	0	0	1	0	1	0	
18	MANAGEMENT STUDIES	UG	No UG programme is available															
		PG	38	14	7	26	10	37	14	2	26	2	1	0	5	0	8	
		Ph.D.	2	5	5	10	5	2	1	0	1	2	0	4	5	9	3	
19	MATHEMATICS	UG	17	6	4	11	4	16	6	3	11	4	0	0	0	0	0	
		PG	15	6	3	10	4	12	6	3	8	4	3	0	0	2	0	
		Ph.D.	23	7	8	15	8	4	0	0	0	1	19	7	8	15	7	
20	MECHANICAL AND INDUSTRIAL ENGINEERING	UG	109	32	15	55	21	80	32	14	55	21	0	0	0	0	0	
		PG	25	9	5	16	5	18	7	4	12	4	7	2	1	4	1	
		Ph.D.	11	6	6	10	17	7	1	0	4	3	4	5	6	6	14	
21	METALLURGICAL AND MATERIALS ENGINEERING	UG	46	16	9	30	11	45	15	4	30	10	0	0	0	0	0	
		PG	10	3	2	6	2	6	3	1	5	1	4	0	1	1	1	
		Ph.D.	10	5	7	9	10	6	3	0	5	0	4	2	7	4	10	
22	NANOTECHNOLOGY	UG	No UG programme is available															
		PG	4	2	1	3	1	4	1	1	2	1	0	1	0	1	0	
		Ph.D.	1	0	1	3	2	1	0	1	1	1	0	0	0	2	1	

INDIAN INSTITUTE OF TECHNOLOGY (IITs)

Rajya SABHA STARRED/UNSTARRED NO. U3285 ANSWER DATE:- 18.03.2021

Academic Year 2020-21

S.No.	Name of the IITs	Department	Course	Reserved Seats					Filled up Seats					Vacant Seats				
				General	SC	ST	OBC	EWS	General	SC	ST	OBC	EWS	General	SC	ST	OBC	EWS
23		PAPER TECHNOLOGY	UG	No UG programme is available														
			PG	10	4	2	8	2	10	2	0	7	2	0	2	2	1	0
			Ph.D.	1	3	3	8	4	1	1	0	0	0	0	2	3	8	4
24		PHYSICS	UG	27	10	5	19	6	25	10	1	18	6	0	0	0	0	
			PG	20	8	4	15	5	16	6	1	12	3	4	2	3	3	2
			Ph.D.	11	15	10	11	11	5	3	1	2	7	6	12	9	9	4
25		POLYMER AND PROCESS ENGG	UG	No UG programme is available														
			PG	4	2	1	3	1	2	2	0	2	1	2	0	1	1	0
			Ph.D.	1	4	6	10	9	1	0	0	1	0	0	4	6	9	9
26		WATER RESOURCES DEVELOPMENT AND MANAGEMENT	UG	No UG programme is available														
			PG	8	3	2	6	2	5	3	2	5	1	3	0	0	1	1
			Ph.D.	4	4	2	0	2	3	4	0	0	2	1	0	2	0	0

**Lok Sabha Unstarred Question No. 1058 for 08/02/2021 regarding Ph.D. Programme asked by Shri S. Venkatesan**

**From :** Dean FinanceandPlanning <deanfap\_f@iitr.ac.in>  
**Subject :** Lok Sabha Unstarred Question No. 1058 for 08/02/2021 regarding Ph.D. Programme asked by Shri S. Venkatesan  
**To :** P.J. Soundararajan MHRD <pj.rajana@nic.in>, prashant ag <prashant.ag@gov.in>, Iraghavendran edu <Iraghavendran.edu@nic.in>  
**Cc :** Director IITRoorkee <director@iitr.ac.in>, Registrar IITR <registrar@iitr.ac.in>

Tue, Feb 02, 2021 05:14 PM

2 attachments

Dear Sir,

Please refer to your email dated 02.02.2021 on the above mentioned subject. The information with respect to Indian Institute of Technology Roorkee is given below:

Sl.	Query	Reply
1.	The total number of students admitted in Ph.D. Programmes of each Indian Institute of Technology (IIT) along with their SC/ST/OBC/EWS composition during 2020	Department/Center-wise and Category-wise Autumn Semester 2020-21 is attached at A
2.	To provide the department-wise distribution also for the category-wise Ph.D admission data of each IIT.	Ph.D. Seat Matrix for the year 2020-21 at Autumn & Spring Semester).

Kind Regards,

---  
 मुकट लाल शर्मा  
 कुलशासक (वित्त एवं योजना)  
 प्रोफेसर, भूकम्प अभियांत्रिकी विभाग  
 भारतीय प्रौद्योगिकी संस्थान रुड़की  
 रुड़की - 247667, उत्तराखंड, भारत  
 Mukat Lal Sharma  
 Dean (Finance and Planning)  
 Professor, Department of Earthquake Engineering  
 Indian Institute of Technology Roorkee  
 Roorkee - 247667, Uttarakhand, INDIA  
 Tel (O) : +91 1332 285270  
 Tel (O) : +91 1332 285536  
 Mobile : +91 9412075062  
 Email: [deanfap\\_f@iitr.ac.in](mailto:deanfap_f@iitr.ac.in)  
[https://eq.iitr.ac.in/Sharma\\_ML/](https://eq.iitr.ac.in/Sharma_ML/)  
[https://www.iitr.ac.in/Main/pages/en\\_Office\\_of\\_Dean\\_Finance\\_and\\_Planning\\_en.html](https://www.iitr.ac.in/Main/pages/en_Office_of_Dean_Finance_and_Planning_en.html)

— **Annexure-A (1).xlsx**  
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— **Annexure-B (2).xlsx**  
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Department wise and category wise number of candidates admitted with Institute Assistantship for Ph.D Programme (Autumn Semester 2020-21)

Lok Sabha Unstarred Diary No. 3153 Answer Date 08.02.2021								
S.No.	Name of the Institute	Name of the Department	No. of Ph.D Student Department Wise					Total
			GEN	SC	ST	OBC	EWS	
1	IIT Roorkee	Applied Science and Engineering	1					1
2		Architecture and Planning	1			3		4
3		Biotechnology		1		3		4
4		Chemical Engineering	7	1	1		2	11
5		Chemistry	4	1		1		6
6		Civil Engineering	5	5	3	11	4	28
7		Computer Science and Engineering	1	1		1		3
8		Earth Sciences	1	1		4	3	9
9		Earthquake Engineering	1	1	1		1	4
10		Electrical Engineering		4	1	4	4	13
11		Electronics and Communication Engineering	2	3		3	1	9
12		Humanities and Social Sciences	2	1	1	2		6
13		Hydro and Renewable Energy	1	2		1		4
14		Hydrology				2		2
15		Institute Instrumentation Centre	1					1
16		Management Studies	2	1		1	2	6
17		Mathematics					1	1
18		Mechanical and Industrial Engineering	4			3	1	8
19		Metallurgical and Materials Engineering	4			1		5
20		Nanotechnology	1		1	1	1	4
21		Paper Technology	1	1				2
22		Physics	4	2	1	1	1	9
23		Transportation Systems	1					1
24		Water Resources Development and Management	3	2			1	6

(Note: Total 333 Ph.D. students admitted so far in 2020-21 in different categories i.e. (1) Institute Assistantship (2) Self-Fellowship-JRFs (3) In-service Full Time/Part-Time (4) QIP (5) Project Staff).



Department wise and category wise seat matrix with Institute Assistantship for Ph.D Programme for the year 2020-21  
attached at Annexure-B (for both Autumn & Spring Semester)

Lok Sabha Unstarred Diary No. 3153 Answer Date 08.02.2021

S.No.	Name of the Institute	Name of the Department	No. of Ph.D Seats Department Wise					Total
			GEN	SC	ST	OBC	EWS	
	IIT Roorkee	Hydro and Renewable Energy	3	3	1	3	3	13
		Arch & Plng	1	0	5	5	6	17
		Biotechnology	1	12	7	18	10	48
		C-Trans	1	1	0	0	2	4
		Dis. Mit. & Magnt	1	0	0	3	2	6
		Nanotechnology	1	0	1	3	2	7
		Chemical Engg	10	1	3	0	9	23
		Chemistry	16	9	8	19	11	63
		Civil Engg	8	13	9	21	20	71
		Computer Sc. & Engg	5	7	5	10	6	33
		Earth Sciences	1	8	7	16	9	41
		Earthquake Engg	1	6	1	4	6	18
		Electrical Engg	1	11	9	9	12	42
		E&CE	12	12	8	16	9	57
		Hum & Soc. Sciences	2	3	2	2	5	14
		Hydrology	1	3	2	3	2	11
		Inst. Instr. Centre	1	1	0	1	0	3
		Management Studies	2	5	5	10	5	27
		Mathematics	23	7	8	15	8	61
		Mech&Indl Engg	11	6	6	10	17	50
		Met & Mat Engg	10	5	7	9	10	41
		Physics	11	15	10	11	11	58
		WRD & M	4	4	2	0	2	12
		Applied Sc. & Engg	1	4	2	3	3	13
		Paper Technology	1	3	3	8	4	19
		Polymer & Process Engg	1	4	6	10	9	30

**Letter dated 24.09.2020 of Dr. Munjapara Mahendrabhai, Member of Parliament (Lok Sabha)**

**From :** Dean FinanceandPlanning <deanfap\_f@iitr.ac.in> Fri, Jan 15, 2021 05:46 PM  
**Subject :** Letter dated 24.09.2020 of Dr. Munjapara Mahendrabhai, Member of Parliament (Lok Sabha)  
**To :** Registrar IITR <registrar@iitr.ac.in>

Only for information.

---

**From:** "Dean FinanceandPlanning" <deanfap\_f@iitr.ac.in>  
**To:** "Ashwini Kumar" <ashwinik.edu@gov.in>, "ira" <raghavendran.edu@nic.in>, "P.J. Soundararajan MHRD" <pj.rajan@nic.in>  
**Cc:** "Director IITRoorkee" <director@iitr.ac.in>  
**Sent:** Thursday, January 14, 2021 5:30:34 PM  
**Subject:** Letter dated 24.09.2020 of Dr. Munjapara Mahendrabhai, Member of Parliament (Lok Sabha)

Dear Sir,

Please refer to your email dated 12.01.2021 forwarded therewith letter F.No.14-2/2020-SC/ST dated: 12th January, 2021 on the above mentioned subject. The information with respect to Indian Institute of Technology Roorkee is as under:

To facilitate education and development of tribal students, IIT Roorkee provides full tuition fee waiver to them. Further ST students having annual income less than Rs5 lakh, free messing facility is also provided. ST students also receive Top Class Scholarship from Ministry of Tribal Affairs under which they can purchase a laptop in four years, annual support for books and stationary etc.

In case these students are not able to cope up with regular curriculum, IIT Roorkee has a provision of Slow Pace, where number of courses are reduced per semester. Students are also provided Student Mentors to help weak students in studies.

The Academic Reinforcement Program (ARP) is organised to help needy students, including those belonging to Scheduled Tribes (ST) and Scheduled Caste (SC) category, improve their academic performance.  
with regards.

--  
मुकट लाल शर्मा  
कुलशासक (वित्त एवं योजना)  
प्रोफेसर, भूकम्प अभियांत्रिकी विभाग  
भारतीय प्रौद्योगिकी संस्थान रुड़की  
रुड़की - 247667, उत्तराखंड, भारत  
Mukat Lal Sharma  
Dean (Finance and Planning)  
Professor, Department of Earthquake Engineering  
Indian Institute of Technology Roorkee

Roorkee - 247667, Uttarakhand, INDIA

Tel (O) : +91 1332 285270

Tel (O) : +91 1332 285536

Mobile : +91 9412075062

Email: [deanfap\\_f@iitr.ac.in](mailto:deanfap_f@iitr.ac.in)

[https://eq.iitr.ac.in/Sharma\\_ML/](https://eq.iitr.ac.in/Sharma_ML/)

[https://www.iitr.ac.in/Main/pages/en\\_Office\\_of\\_Dean\\_Finance\\_and\\_Planning\\_en.html](https://www.iitr.ac.in/Main/pages/en_Office_of_Dean_Finance_and_Planning_en.html)

मुकट लाल शर्मा

कुलशासक (वित्त एवं योजना)

प्रोफेसर, भूकम्प अभियांत्रिकी विभाग

भारतीय प्रौद्योगिकी संस्थान रुड़की

रुड़की - 247667, उत्तराखंड, भारत

Mukat Lal Sharma

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Indian Institute of Technology Roorkee

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Email: [deanfap\\_f@iitr.ac.in](mailto:deanfap_f@iitr.ac.in)

[https://eq.iitr.ac.in/Sharma\\_ML/](https://eq.iitr.ac.in/Sharma_ML/)

[https://www.iitr.ac.in/Main/pages/en\\_Office\\_of\\_Dean\\_Finance\\_and\\_Planning\\_en.html](https://www.iitr.ac.in/Main/pages/en_Office_of_Dean_Finance_and_Planning_en.html)

**From :** Dean FinanceandPlanning <[deanfap\\_f@iitr.ac.in](mailto:deanfap_f@iitr.ac.in)>

Thu, Jan 14, 2021 05:30 PM

**Subject :** Letter dated 24.09.2020 of Dr. Munjapara  
Mahendrabhai, Member of Parliament (Lok Sabha)

**To :** Ashwini Kumar <[ashwinik.edu@gov.in](mailto:ashwinik.edu@gov.in)>,  
Iraghavendran edu <[Iraghavendran.edu@nic.in](mailto:Iraghavendran.edu@nic.in)>, P.J.  
Soundararajan MHRD <[pj.rajani@nic.in](mailto:pj.rajani@nic.in)>

**Cc :** Director IITRoorkee <[director@iitr.ac.in](mailto:director@iitr.ac.in)>

Dear Sir,

Please refer to your email dated 12.01.2021 forwarded therewith letter F.No.14-2/2020-SC/ST dated: 12th January, 2021 on the above mentioned subject. The information with respect to Indian Institute of Technology Roorkee is as under:

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improve their academic performance.

with regards.

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मुकट लाल शर्मा

कुलशासक (वित्त एवं योजना)

प्रोफेसर, भूकम्प अभियांत्रिकी विभाग

भारतीय प्रौद्योगिकी संस्थान रुड़की

रुड़की - 247667, उत्तराखंड, भारत

Mukat Lal Sharma

Dean (Finance and Planning)

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[https://eq.iitr.ac.in/Sharma\\_ML/](https://eq.iitr.ac.in/Sharma_ML/)

[https://www.iitr.ac.in/Main/pages/en Office of Dean Finance and Planning en .html](https://www.iitr.ac.in/Main/pages/en_Office_of_Deans_and_Planning_en.html)

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**Lok Sabha Unstarred Question Dairy No. 13025 for answer on 28.09.2020 regarding "Innovative Researches Conducted by IITs".**

**From :** Dean FinanceandPlanning <deanfap\_f@iitr.ac.in> Wed, Sep 23, 2020 05:54 PM  
**Subject :** Lok Sabha Unstarred Question Dairy No. 13025 for answer on 28.09.2020 regarding "Innovative Researches Conducted by IITs". 2 attachments  
**To :** P.J. Soundararajan MHRD <pj.rajn@nic.in>, prashant ag <prashant.ag@gov.in>, ira <lrghavendran.edu@nic.in>, karn <akkarn.edu@nic.in>  
**Cc :** Director IITRoorkee <director@iitr.ac.in>, Registrar IITR <registrar@iitr.ac.in>

Dear Sir,

Please refer to your email dated 22.09.2020 on the above mentioned subject. The information with respect to Indian Institute of Technology Roorkee on the prescribed Performa is attached herewith.(Annexure-I & II)

**Point (a): The details of innovative researches conducted by IIT's of the country during the last three years;**

**Ans:** IIT Roorkee is involved in developing various innovative technologies, in last three years following technologies are filed for patent. Details of these technologies are available in annexure i.

**Point (b): Whether the research findings are generally used for the upliftment of the common man and especially in the agriculture field;**

**Ans:** Yes

**Point (c): If so, the details thereof;**

**Ans:** Details are available in annexure- II.

**Point (d): Whether any research conducted for preservation of the virginity of soil and to hike the level of ground water;**

**Ans:** No

**Point (e): if so, the details thereof?**

**Ans:** N.A.

**With Regards,**

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मुकट लाल शर्मा  
कुलशासक (वित्त एवं योजना)  
प्रोफेसर, भूकम्प अभियांत्रिकी विभाग  
भारतीय प्रौद्योगिकी संस्थान रुड़की  
रुड़की - 247667, उत्तराखंड, भारत  
Mukat Lal Sharma



**Inputs for Parliament Question Dy. No.1152 for reply in Lok Sabha on 19.9.2020 - reg "Students suicides during lockdown"**

**From :** Dean FinanceandPlanning <deanfap\_f@iitr.ac.in> Mon, Sep 14, 2020 04:20 PM  
**Subject :** Inputs for Parliament Question Dy. No.1152 for reply in Lok Sabha on 19.9.2020 - reg "Students suicides during lockdown"  
**To :** ira <lraghavendran.edu@nic.in>, karn <akkarn.edu@nic.in>, mohitgupta edu <mohitgupta.edu@gov.in>, hennakumar edu <hennakumar.edu@gov.in>, P.J. Soundararajan MHRD <pj.rajan@nic.in>  
**Cc :** Director IITRoorkee <director@iitr.ac.in>, Registrar IITR <registrar@iitr.ac.in>

Dear Sir,

Please refer to your email dated 12.09.2020.2020 on the above mentioned subject. The information with respect to Indian Institute of Technology Roorkee is as under:

**Point (a) Whether the student suicides have increased during the lockdown, due to lack of access to digital means;**

**Ans :** Nil

**Point (b) The number of student suicides in the SC, ST, OBC and EWS categories;**

**Ans:** Nil

**Point (c) The number of Suicides in the age of 18-30 years after the imposition of lockdown, and the reasons thereof ;**

**Ans:** Nil

**Point (d) The number of suicides in the students who were to appear for the NEET and JEE exams?**

**Ans:** Nil

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मुकट लाल शर्मा  
कुलशासक (वित्त एवं योजना)  
प्रोफेसर, भूकम्प अभियांत्रिकी विभाग  
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Dean (Finance and Planning)  
Professor, Department of Earthquake Engineering  
Indian Institute of Technology Roorkee  
Roorkee - 247667, Uttarakhand, INDIA  
Tel (O) : +91 1332 285270

**Lok Sabha Starred Question No. 105 for reply on 10.02.2020 by Shrimati Vanga Geetha Viswanath regarding Drpouts in Higher Education.**

**From :** Dean FinanceandPlanning <deanfap\_f@iitr.ac.in> Sat, Feb 08, 2020 12:12 PM  
**Subject :** Lok Sabha Starred Question No. 105 for reply on 10.02.2020 by Shrimati Vanga Geetha Viswanath regarding Drpouts in Higher Education.  
**To :** prashant ag <prashant.ag@gov.in>, P.J. Soundararajan MHRD <pj.rajan@nic.in>, Iraghavendran edu <Iraghavendran.edu@nic.in>, akkarn edu <akkarn.edu@nic.in>  
**Cc :** Director IITRoorkee <director@iitr.ac.in>, Registrar IITR <registrar@iitr.ac.in>, Dean FinanceandPlanning <deanfap\_f@iitr.ac.in>

Dear Sir,

In continuation to our earlier mail, an additional information regarding number of Advisers appointed of students is given below:

Programme	Number of Advisers
Undergraduate	17
Postgraduate	47
Ph.D.	26
<b>Total</b>	<b>90</b>

Thanks

with regards

M.L. Sharma  
 Dean, Finance & Planning  
 IIT Roorkee

**From :** Dean FinanceandPlanning <deanfap\_f@iitr.ac.in> Sat, Feb 08, 2020 12:12 PM  
**Subject :** Lok Sabha Starred Question No. 105 for reply on 10.02.2020 by Shrimati Vanga Geetha Viswanath regarding Drpouts in Higher Education.  
**To :** prashant ag <prashant.ag@gov.in>, P.J. Soundararajan MHRD <pj.rajan@nic.in>, Iraghavendran edu <Iraghavendran.edu@nic.in>, akkarn edu <akkarn.edu@nic.in>  
**Cc :** Director IITRoorkee <director@iitr.ac.in>, Registrar IITR <registrar@iitr.ac.in>, Dean FinanceandPlanning <deanfap\_f@iitr.ac.in>

Dear Sir,