

सीनेट की अट्टानवेवीं बैठक का कार्यवृत्त

**MINUTES OF THE 98TH
MEETING OF THE SENATE**

**11 अक्टूबर 2023
11th OCTOBER 2023**



**भारतीय प्रौद्योगिकी संस्थान रुड़की
रुड़की – 247 667 (भारत)
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE – 247 667 (INDIA)**

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**INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
MEETING SECTION**



**Minutes of the 98th Meeting of the Senate held on 11.10.2023 at
04.00 P.M. in the Senate Hall.**

The list of participants who attended the meeting and those who have conveyed their inability to attend are appended at **Annexure-I & Annexure-II** respectively.

At the outset, the Senate observed two minutes silence to pay tribute to the Senator late Prof. J.K. Ghosh, Department of Civil Engineering who passed away untimely on 08.08.2023 while in service.

The Chairman welcomed the following new members of the Senate and wished for their active participation in the proceedings of the Senate:

1. Prof. Sudhakar Subudhi, Department of Mech. & Ind. Engg.
2. Prof. Manoj Tripathy, Department of Electrical Engg.
3. Prof. Jaydev, Department of Applied Mathematics and Scientific Computing
4. Prof. Ameeya Kumar Nayak, Department of Mathematics
5. Prof. Meenakshi Rawat, ADoAA (Curriculum)

The Chairman also welcomed the members to the 98th meeting of the Senate, and placed on record the valuable contributions of the following:

1. Prof. M.R. Maurya, Department of Chemistry
2. Prof. Himanshu Joshi, Department of Hydrology
3. Prof. S. P. Yadav, Department of Mathematics
4. Prof. P.K. Garg, Department of Civil Engineering
5. Prof. Kusum Deep, Department of Mathematics
6. Prof. C.N. Ramachandran, ADoAA (Curriculum)

The Director mentioned that during the period of last one year, couple of important activities in the institute were carried out, which included promotions and direct selections in all groups of positions. Out of 37 shortlisted for Professor posts, 29 candidates were selected (78%) while, the success rate in the Associate Professor position was 96% (24 were selected from 25 shortlisted candidates). The Director suggested that the screening of

the applications received be carried out carefully and objectively, yet as fast as possible to achieve the target.

The Chairman, Senate appreciated the efforts of Dean of Academic Affairs and his office for developing the online Ph.D. Forms, Student Feedback Form, online Time Table System, and a new online Grade Feeding System. He advised that Professors and Heads should maintain "mentor-mentee" relationship with students and newly joined young faculty. The faculty members/advisors are required to allay the doubts of students with personal attention in a group of 20-25 students per faculty.

Item No. 98.1: To confirm the minutes of the 97th Senate meeting held on 24.07.2023.

Since no comments were received, the Senate confirmed the minutes as circulated on 22.06.2023.

Item No. 98.2: To report on the actions taken to implement the decisions of the Senate taken in its 97th meeting held on 24.07.2023.

The Senate noted the actions taken on the minutes.

Item No. 98.3: To consider the request of the following students regarding name restoration and continuation in programme:

1. Gaya Prasad Meena (Enr.No. 19113045), B.Tech.(CE), IV Yr
2. Deeptanshu Rai (Enr. No. 21115047), B.Tech. (EE), III Yr
3. Anmol Raj (Enr. No. 21113019), B.Tech. (CE), III Yr
4. Ankit Gupta (Enr. No. 20117024), B.Tech. (ME), IV Yr

The Senate considered the student requests and decided the following:

S. No.	Name, Enrollment No.	Accepted/ Not Accepted the request
1.	Gaya Prasad Meena (Enr. No. 19113045), B.Tech.(CE), IV Yr	Accepted the request for name restoration.
2.	Deeptanshu Rai (Enr. No. 21115047), B.Tech. (EE), III Yr	Deferred. The Senate advised to first take his medical fitness certificate so that the request can be examined holistically. The same be routed through IAPC.
3.	Anmol Raj (Enr. No. 21113019), B.Tech.(CE), III Yr	Not accepted.
4.	Ankit Gupta (Enr. No. 20117024), B.Tech.(ME), IV Yr	Not accepted.

Item No. 98.4: To consider the requests for time extension of the following Ph.D. students:

- 1. Mr. Deepak Maurya (En. No. 13928010), Deptt. of WRDM.**
- 2. Mr. Saptarshi Kolay, (En. No. 14902011), Deptt. of Architecture & Planning**

The Senate considered the SRC recommendations and allowed time extension to submit the thesis upto 31st December, 2023 to the following students:

1. Mr. Deepak Maurya (En. No. 13928010), Deptt. of WRDM.
2. Mr. Saptarshi Kolay, (En. No. 14902011), Deptt. of Architecture & Planning

Further, the Senate observed that the first year for research scholars remain crucial so supervisor should not only devote time with their research scholars but also mentor them. The Senate opined that research work be preferably completed within five years. The young faculty members also be sensitized by the senior faculty members and Heads to this effect.

Item No. 98.5: To consider the report of the Committee constituted to review the Students' Feedback System.

The Senate considered the report of the Committee and accepted the same.

Further, the Senate advised that number of questions in the Feedback Questionnaire be kept minimum to make it simple, compact and crisp. Accordingly, the questionnaires be sent to the Heads of the Departments/Centres/School for possible suggestions to improve.

The Chairman Senate was authorized to approve the revised form on the basis of the inputs received from senators.


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Item No. 98.6: To consider the seat matrix for admission into the Ph.D. programmes (Spring Semester) 2023.

The Senate considered and approved the seat matrix for Spring Semester, 2023-2024 for admission into the Ph.D. programmes (**Appendix-A**) with the following observations:

- i. The newly created ICED be allotted the intakes in accordance to the existing provision for a joint faculty in a centre.
- ii. The Departments/Centres/School to ensure that the newly joined faculty members are allotted at least one Ph.D. scholar in the first cycle of admission after their joining.

Item No. 98.7: To consider the revision in Minimum Eligibility Criteria (MEC) for admission to Ph.D. Programmes.

The Senate considered and approved the revision in Minimum Eligibility Criteria (MEC) for admission to Ph.D. Programmes with the modification that the candidates pursuing master's degree in IIT Roorkee will require CGPA 8.0 or more after the first three/two semesters of the M.Sc. or other master's programs as defined the Clause 6 (i) & (ii), respectively, for lateral entry/switch-over to the Ph.D. program. (**Appendix B**).

Item No. 98.8: To consider the MEQs for the admission into the Ph.D. programme in the following newly established centres:

The Senate considered and approved the MEQs for admission into the following Ph.D. programmes:

Programme	Revised Minimum Educational Qualification
International Centre of Excellence for Dams (ICED)	(i) Master's degree in Dam Safety and Rehabilitation/ Hydrology/ Water Resources Engineering/ Hydraulics/ Geotechnical Engineering/ Earthquake Engineering/ Geomatics Engineering/ Geology/ Geophysics or Master's in Architecture/ Master in Planning or Equivalent. OR ii) B. Tech. in CE/ME/MIE with minimum CGPA ≥ 8.0 from CFTIs OR M. Tech. in Civil / Mechanical/ Industrial / Production Engineering or equivalent.

Centre for Space Science and Technology	(i) Bachelor's degree of four years duration /Master's degree in Engg.
	OR (ii) Master's degree in Physics / Mathematics / Atmospheric Science /Space Science/ Economics / Management / Geology / Applied Geology (or equivalent in Earth Sciences) / Chemistry or Equivalent.

Item No. 98.9: To consider the revision in Minimum Education Qualification for admission to Ph.D. programme in the Electronics & Communication Engineering Department.

The Senate considered the proposal and approved the following Minimum Education Qualification:

Programme	Revised Minimum Educational Qualification
Ph.D. in the Electronics & Communication Engineering	(i) M.E./ M.Tech. in Microelectronics/VLSI / Microwaves/ Communication Systems/ Control Systems/ Instrumentation/ Circuits & Systems /Computer Science or equivalent.
	OR (ii) B.E. / B.Tech. in Electronics & Communication / Electrical Engg./ Computer Science & Engg. or equivalent.
	OR (iii) M.Sc. in Physics/ Instrumentation / Electronics /Computer Science & Engg. or equivalent.

Item No. 98.10: To consider the proposal of the Department of Electronics and Communication Engg., for switch-over of Part Time-M.Tech. (VLSI) for Industry Professionals to Ph. D. programme.

The Senate considered the proposal and approved the switch-over from M.Tech. (Part time) to Ph.D. Programme subject to fulfilment of the existing criteria for switch-over in M.Tech. programme.

Item No. 98.11: To consider the revision in guidelines for Ph.D. Admission through Rolling Advertisement.

The Senate considered the item and approved the recommendations of IRC on rolling advertisement for Ph.D. admission. Further, the Senate advised that the choice of rolling advertisement however be left to the respective departments.


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Item No. 98.12: To consider the proposal of the Department of Biosciences and Bioengineering to introduce M.Sc. (Biosciences & Bioengineering) through JAM from the AY 2024-2025 and to discontinue M.Sc. (BT) through GAT B.

The Senate considered and approved the proposal with the following Seat matrix and MEQ of the programme:

a) Intake and Seat Matrix -35

S. No.	Dept. Name	Academic Programmes	Prog. Code	JAM paper Code	Total Intake	GEN	OBC	SC	ST	EWS
1.	Biosciences and Bioengineering	M.Sc. in Biosciences and Bioengineering	1806	BT	35	14	9	5	3	4

b) MEQ: Bachelor's degree in any branch/subject who qualified JAM paper Code BT.

Item No. 98.13: To consider the proposal of the Department of Mechanical and Industrial Engineering to allow degree with 67 credits to eight students of M.Tech. (Production and Industrial Systems Engineering).

The Senate considered the proposal and suggested that the students be advised to earn the required credit by registering additional course(s) to complete the requirement of 68 credits for the degree.

Item No. 98.14: To consider the proposal to introduce a Multi-disciplinary Course (MDC) Basket for one/two credit PG level professional/specialized courses to be offered for half a semester in the curriculum.

The Senate considered and accepted the recommendations of IAPC on Multi-Disciplinary Course (MDC) basket.

Further, the Senate advised to explore introducing courses of 8-10 hours duration under this basket to be completed in a Term. The Senate also observed that few such courses may be offered on chargeable basis with appropriate policy to this effect.


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The Senate further approved that the students who are falling short of one credit, as mentioned in the Item No. 98.13, be allowed to register course(s) from the MDC basket to earn the required credit as one-time exception.

Item No. 98.15: To consider the proposal of the revised name of the IKSHA Centre.

The Senate considered the proposal and suggested that the same be shared with all faculty members inviting their inputs. Based on the inputs, a new name be proposed for the Centre for Indian Knowledge Systems for consideration and approval of the Board of Governors.

Item No. 98.16: To report the approval accorded by the Chairman, Senate.

The Senate noted the items.

Further, the Senate advised to constitute a Three-member Committee to review the policy on awards/prizes/scholarships. The Senate also suggested the Committee to consider the following:

- a) Convocation Award : To be distributed in the Convocation –
 - I. The five Institute Awards: President's Gold Medal, Director's Gold Medal, Institute Silver Medal, Institute Bronze Medal, The President of India Dr. Shankar Dayal Sharma Gold Medal.
 - II. All awards with amount of Rs. 50000/- or more
- b) Non Convocation Award : Not to be distributed in the Convocation –
 - I. All other Awards not covered in a) above.

Any other items

Item No. 98.17: To consider the template of students' exit form for outgoing students while obtaining NOC.

The Senate considered the item and approved the template of students' exit form for outgoing students while obtaining NOC. **(Appendix-C)**


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Item No. 98.18: To consider the proposal of Department of Mehta Family School of Data Science and Artificial Intelligence to restrict the number of students in the minor specialization courses.

The Senate considered the proposal and approved the recommendations of IAPC.

Item No. 98.19: To report the approval accorded by the Chairman, Senate.

The Senate noted the items.

Item No. 98.20: To consider the report on Accreditation of HEIs, including IITs, in India.

The Senate was informed that the report titled "Transformative Reforms for Strengthening Periodic Assessment and Accreditation of All Higher Education Institutions in India," prepared by the Ministry of Education was circulated to faculty members by the Dean of Academic Affairs. In view of a smaller number of responses, the Senate suggested the report be sent to all Heads to invite their comments through DFC by 17th Oct. 2023, so that a response could be sent to MoE by 20th Oct. 2023.

The meeting ended with a vote of thanks to the Chair.


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Following were present

1.	Prof. K.K. Pant	Director & Chairman
2.	Prof. U.P. Singh	Dy. Director
3.	Prof. Jaydev	Applied Math. and Scientific Computing
4.	Prof. V. Devdas	Architecture & Planning
5.	Prof. Mahua Mukherjee	Architecture & Planning
6.	Prof. Sanjay Ghosh	Biosciences & Bioengineering
7.	Prof. Pravindra Kumar	Biosciences & Bioengineering
8.	Prof. Naveen Kumar Nawani	Biosciences & Bioengineering
9.	Prof. Gopinath Packirisamy	Biosciences & Bioengineering
10.	Prof. Ranjana Pathania	Biosciences & Bioengineering
11.	Prof. Partha Roy	Biosciences & Bioengineering
12.	Prof. Ashwani Kumar Sharma	Biosciences & Bioengineering
13.	Prof. Shailly Tomar	Biosciences & Bioengineering
14.	Prof. Amit Kumar Dhiman	Chemical Engineering
15.	Prof. C.B. Majumdar	Chemical Engineering
16.	Prof. Prasenjit Mondal	Chemical Engineering
17.	Prof. B. Prasad	Chemical Engineering
18.	Prof. Vimal Chandra Srivastava	Chemical Engineering
19.	Prof. Naseem Ahmad	Chemistry
20.	Prof. R.K. Dutta	Chemistry
21.	Prof. Kaushik Ghosh	Chemistry
22.	Prof. Paritosh Mohanty	Chemistry
23.	Prof. Jeevanandam P.	Chemistry
24.	Prof. Muniappan Sankar	Chemistry
25.	Prof. Anuj Sharma	Chemistry
26.	Prof. K.R. Justin Thomas	Chemistry
27.	Prof. Z. Ahmad	Civil Engineering
28.	Prof. S.K. Ghosh	Civil Engineering
29.	Prof. Kamal Jain	Civil Engineering
30.	Prof. Praveen Kumar	Civil Engineering
31.	Prof. Priti Maheshwari	Civil Engineering
32.	Prof. G.D. Ransinchung R.N.	Civil Engineering
33.	Prof. R. Balasubramanian	Computer Science & Engineering
34.	Prof. Sugata Gangopadhyay	Computer Science & Engineering
35.	Prof. Rajdeep Niyogi	Computer Science & Engineering
36.	Prof. Durga Toshniwal	Computer Science & Engineering
37.	Prof. Bal Krishna Maheshwari	Earthquake Engineering
38.	Prof. M.L. Sharma	Earthquake Engineering
39.	Prof. Manish Shrikhande	Earthquake Engineering
40.	Prof. Yogendra Singh	Earthquake Engineering
41.	Prof. G.J. Chakrapani	Earth Sciences
42.	Prof. Pramod Agarwal	Electrical Engineering



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43.	Prof. B.R. Bhalja	Electrical Engineering
44.	Prof. Vishal Kumar	Electrical Engineering
45.	Prof. Mukesh Kumar Pathak	Electrical Engineering
46.	Prof. P. Sumathi	Electrical Engineering
47.	Prof. Manoj Tripathy	Electrical Engineering
48.	Prof. Barjeev Tyagi	Electrical Engineering
49.	Prof. Anand Bulusu	Electronics & Communication Engg.
50.	Prof. Sudeb Dasgupta	Electronics & Communication Engg.
51.	Prof. Brajesh Kumar Kaushik	Electronics & Communication Engg.
52.	Prof. Sanjeev Manhas	Electronics & Communication Engg.
53.	Prof. N.P. Pathak	Electronics & Communication Engg.
54.	Prof. Amalendu Patnaik	Electronics & Communication Engg.
55.	Prof. Rashmi Gaur	Humanities & Social Sciences
56.	Prof. Nagendra Kumar	Humanities & Social Sciences
57.	Prof. Binod Mishra	Humanities & Social Sciences
58.	Prof. Sanjit Kumar Mishra	Humanities & Social Sciences
59.	Prof. Sukh Pal Singh	Humanities & Social Sciences
60.	Prof. D.S. Arya	Hydrology
61.	Prof. N.K. Goel	Hydrology
62.	Prof. M.K. Jain	Hydrology
63.	Prof. Brijesh Kumar Yadav	Hydrology
64.	Prof. Sunil Kumar Singhal	Hydro & Renewable Energy
65.	Prof. Ramesh Chandra	Institute Instrumentation Centre
66.	Prof. Rajat Agarwal	Management Studies
67.	Prof. M.K. Barua	Management Studies
68.	Prof. (Mrs.) Usha Lenka	Management Studies
69.	Prof. S. Rangenekar	Management Studies
70.	Prof. Vinay Sharma	Management Studies
71.	Prof. Sandip Banerjee	Mathematics
72.	Prof. Sanjeev Kumar	Mathematics
73.	Prof. Maheshanand	Mathematics
74.	Prof. Ammeya Kumar Nayak	Mathematics
75.	Prof. Tanuja Srivastava	Mathematics
76.	Prof. A. Swaminathan	Mathematics
77.	Prof. Sushanta Dutta	Mechanical & Industrial Engg.
78.	Prof. Akshay Dvivedi	Mechanical & Industrial Engg.
79.	Prof. S.P. Harsha	Mechanical & Industrial Engg.
80.	Prof. P.K. Jha	Mechanical & Industrial Engg.
81.	Prof. Manish Mishra	Mechanical & Industrial Engg.
82.	Prof. Apurbba Kumar Sharma	Mechanical & Industrial Engg.
83.	Prof. Inderdeep Singh	Mechanical & Industrial Engg.
84.	Prof. Indra Vir Singh	Mechanical & Industrial Engg.
85.	Prof. Sudhakar Subudhi	Mechanical & Industrial Engg.
86.	Prof. Andallib Tariq	Mechanical & Industrial Engg.
87.	Prof. S.H. Upadhyay	Mechanical & Industrial Engg.
88.	Prof. B.S.S. Daniel	Metallurgical & Materials Engg.

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|------|---|---------------------------------|
| 89. | Prof. B.V.M. Kumar | Metallurgical & Materials Engg. |
| 90. | Prof. Vivek Pancholi | Metallurgical & Materials Engg. |
| 91. | Prof. Anjan Sil | Metallurgical & Materials Engg. |
| 92. | Prof. Rajdeep Chatterjee | Physics |
| 93. | Prof. Aalok Misra | Physics |
| 94. | Prof. Tashi Nautiyal | Physics |
| 95. | Prof. Ghanshyam Das Verma | Physics |
| 96. | Prof. Ajay Wasan | Physics |
| 97. | Prof. M.L. Kansal | WRD&M |
| 98. | Prof. Deepak Khare | WRD&M |
| 99. | Prof. Ashish Pandey | WRD&M |
| 100. | Prof. Gaurav Manik, Deptt. Of Polymer & Process Engineering | |
| 101. | Prof. Uttam Kumar Roy, Head of the Centre of Transportation Systems. | |
| 102. | Prof. Sumit Sen, Head, Centre of Excellence in Disaster Mitigation and Management | |
| 103. | Prof. Mukesh Kumar Singhal, Department of Hydro & Renewable Energy | |
| 104. | Prof. Avlokita Agarwal, Associate DOSW (Student Wellness) | |
| 105. | Prof. Anubrata Dey, Associate Dean, Infra. (Electrical & A/C) | |
| 106. | Prof. M.V.Sunil Krishna, Assoc. DOSW (Students' Activities) | |
| 107. | Prof. Vivek Kumar Malik, Associate Dean Innovation and Incubation | |
| 108. | Prof. Meenakshi Rawat, ADOAA (Curriculum) | |
| 109. | Prof. Ramudu, Associate Dean for Corporate Interaction. | |
| 110. | Chairman, SCSP | |
| 111. | Mr. Prashant Garg, Registrar & Secretary, Senate | |


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Annexure-II

The following members conveyed their inability to join the meeting.

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|-----|---|--|
| 1. | Prof. (Mrs.) Milli Pant | Applied Math. and Scientific Computing |
| 2. | Prof. Prabhjot Singh Chani | Architecture & Planning |
| 3. | Prof. C.S.P. Ojha | Civil Engineering |
| 4. | Prof. Rajat Rastogi | Civil Engineering |
| 5. | Prof. N.K. Samadhiya | Civil Engineering |
| 6. | Prof. Vishwas Sawant | Civil Engineering |
| 7. | Prof. Mahendra Singh | Civil Engineering |
| 8. | Prof. Manoj Mishra | Computer Science & Engineering |
| 9. | Prof. Arun Kumar | Hydro & Renewable Energy |
| 10. | Prof. K.M. Singh | Mechanical & Industrial Engg. |
| 11. | Prof. Ajay | Physics |
| 12. | Prof. B.K. Patra | Physics |
| 13. | Prof. Vipul Rastogi | Physics |
| 14. | Prof. Kanhaiya Lal Yadav | Physics |
| 15. | Prof. Sujay Chattopadhyay | Polymer Science & Engineering |
| 16. | Dr. C. Jayakumar, Librarian | |
| 17. | Prof. E.Rajasekar, Associate Dean, Infrs. (Civil) | |


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Appendix 'A'

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Appendix-1

Category wise vacancy for admission to Ph.D program for Spring Semester of the session 2023-24 under Institute Assistantship

Deptt/ centre	Faculty position as on 21.08.2023	Total Seats = 5 x core faculty & 2 x Joint faculty	Total Intake					Seats Filled					Vacancy							
			Unreserved	Gen-EWS	OBC	SC	ST	Total Intake	Unreserved	Gen-EWS	OBC	SC	ST	Total filled	Unreserved	GEN-EWS	OBC	SC	ST	Total Vacancy
(Roorkee Campus)																				
Architecture & Planning	15	75	30	8	20	11	6	75	13	1	10	7	1	32	17	7	10	4	5	43
Biosciences & Bioengineering	29+2*	149	61	15	40	22	11	149	24	6	14	2	0	46	37	9	26	20	11	103
Chemical Engineering	23	115	46	12	31	17	9	115	22	6	12	11	2	53	24	6	19	6	7	62
Chemistry	26	130	53	13	35	19	10	130	24	4	13	4	2	47	29	9	22	15	8	83
Civil Engineering	57	265	115	29	77	43	21	285	56	12	34	20	8	130	59	17	43	23	13	155
Computer Science & Engg.	16+1*	82	33	6	22	13	6	82	22	0	7	2	0	31	11	8	15	11	6	51
Design	2+14*	36	15	4	10	6	3	38	10	1	3	3	0	17	5	3	7	3	3	21
Earth Sciences	27	135	55	14	36	20	10	135	16	5	6	0	0	27	39	9	30	20	10	108
Earthquake Engineering	16	80	32	8	22	12	6	80	15	5	11	3	3	37	17	3	11	9	3	43
Electrical Engineering	36	180	73	18	49	27	13	180	33	14	23	13	4	87	40	4	26	14	9	93
Electronics & Communication Engg.	38	190	77	19	51	29	14	190	41	5	30	12	0	88	36	14	21	17	14	102
Humanities & Social Sciences	27	135	55	14	36	20	10	135	26	11	21	11	8	79	27	3	15	9	2	56
Hydro & Renewable Energy	10	50	20	5	14	7	4	50	7	0	6	3	0	16	13	5	8	4	4	34
Hydrology	9	45	18	5	12	7	3	45	12	0	6	4	0	24	6	5	4	3	3	21
Management Studies	20	100	41	10	27	15	7	100	17	5	6	4	0	34	24	5	19	11	7	66
Mathematics	27	135	55	14	36	20	10	135	12	6	4	6	0	28	43	8	32	14	10	107
Mechanical & Industrial Engg.	44	220	89	22	59	33	17	220	56	13	25	8	4	106	33	9	34	25	13	114
Metallurgical & Materials Engg.	27	135	55	14	36	20	10	135	20	0	16	8	0	44	35	14	20	12	10	91
Physics	38+1*	192	78	19	52	29	14	192	46	13	17	5	2	83	32	6	35	24	12	109
Water Resources Development & Management	10+1*	52	21	5	14	8	4	52	13	4	11	4	1	33	8	1	3	4	3	19
Total		2523	1022	256	679	378	188	2523	487	111	279	130	35	1042	535	145	400	248	153	1481
Centres																				
C-Trans	1+10*	25	10	2	7	4	2	25	2	2	3	1	0	8	8	0	4	3	2	17
Disaster Mitigation & Management	3+20*	55	22	6	15	8	4	55	10	0	2	2	1	15	12	6	13	6	3	40
Nanotechnology	1+20*	45	18	5	12	7	3	45	5	3	3	1	0	12	13	2	9	6	3	33
Institute Instrumentation Centre	1	5	2	1	1	1	0	5	2	0	1	0	0	3	0	1	0	1	0	2
Centre for Photonics & Quantum Communication Technology (CPQCT)	11*	22	9	2	6	3	2	22	3	1	1	1	0	6	6	1	5	2	2	16
Centre for Space Science and Technology	14*	28	11	3	8	4	2	28	0	0	0	0	0	0	11	3	8	4	2	28
Centre for Sustainable Energy	10*	20	8	2	5	3	2	20	0	0	0	0	0	0	8	2	5	3	2	20
International Centre of Excellence for Dams	13*	26	10	3	7	4	2	26	0	0	0	0	0	0	10	3	7	4	2	26
MFSADS	22*	44	18	4	12	7	3	44	9	1	3	0	0	13	9	3	9	7	3	31
Total		270	108	28	73	41	20	270	31	7	13	5	1	57	77	21	60	36	19	213
(Saharanpur Campus)																				
Applied Mathematics & Scientific Computing	4	32	13	3	9	5	2	32	4	1	1	0	0	6	9	2	8	5	2	26
Paper Technology	5	40	16	4	11	6	3	40	6	0	3	2	0	11	10	4	6	4	3	29
Polymer & Process Engg.	12	96	39	10	26	14	7	96	20	0	7	4	0	31	19	10	19	10	7	65
Total		168	68	17	46	25	12	168	30	1	11	6	0	48	38	16	35	19	12	120
Grand total		2961	1198	301	798	444	220	2961	548	119	303	141	36	1147	650	182	495	303	184	1814

* Joint Faculty

Note: PwD seats are 5% horizontal


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**Minimum Educational Qualification (MEQ) for admission to Ph.D.
Programmes**

Common Minimum Eligibility Criteria	
<p>An applicant should possess one of the following minimum qualifications in appropriate area(s) and she/he is required to fulfil the Department/ Centre/ School wise minimum educational qualification to be eligible to apply for admission for the Ph.D. programmes of the Institute.</p>	
1.	<p>Applicants with master's degree should satisfy the following:</p> <p>(i) General, GEN-EWS and OBC category: Minimum Cumulative Grade Point Average (CGPA) of 6.0 on a 10-point scale, or 60% marks. SC / ST / PWD category: Minimum Cumulative Grade Point Average (CGPA) of 5.50 on a 10-point scale or 55% marks.</p> <p>(ii) Qualified in a national level test, such as- GATE / CEED / JEST / UGC-NET / CSIR-NET including lectureship (Assistant Professorship) or equivalent or holding a national level fellowship.</p>
2.	<p>Applicants of all categories (GEN/GEN-EWs/OBC/SC/ST/PWD) with 4-Year bachelor's degree should satisfy the following:</p> <p>(i) Qualified in a national level test, such as- GATE / CEED / JEST / UGC-NET / CSIR-NET including lectureship (Assistant Professorship) or equivalent or holding a national level fellowship.</p> <p>(ii) Candidates from Centrally Funded Technical Institutes (CFTIs): a minimum CGPA of 7.0 on a 10-point scale or 70% marks.</p> <p>Candidates from institutions other than CFTIs: a minimum CGPA of 7.50 on a 10-point scale or 75% marks</p>
3.	<p>Applicants of all categories (GEN/GEN-EWs/OBC/SC/ST/PWD) with bachelor's or master's degree from IITs with a CGPA of 8.0 and above on a 10-point scale. Such candidates are exempted from the requirement of qualifying in a national level test, such as- GATE / CEED / JEST / UGC-NET / CSIR-NET including lectureship (Assistant Professorship) or equivalent or holding a national level fellowship.</p>
4.	<p>Applicants of all categories (GEN/GEN-EWs/OBC/SC/ST/PWD) with MBBS / BAMS / BHMS / BDS degree from Indian Universities / Institution shall have minimum CGPA of 6.0 on a 10-point scale, or 60% in the qualifying degree. Such candidates are exempted from the requirement of qualifying in a national level test, such as- GATE / CEED / JEST / UGC-NET / CSIR-NET including lectureship (Assistant Professorship) or equivalent or holding a national level fellowship.</p>

5. Applicants with Master of Surgery (MS) / Doctor of Medicine (MD) degree from Indian Universities / Institutions are exempted from the minimum CGPA as well as the requirement of qualifying in a national level test, such as- GATE / CEED / JEST / UGC-NET / CSIR-NET including lectureship (Assistant Professorship) or equivalent or holding a national level fellowship.
6. Candidates pursuing master's programs in Engineering / Architecture / Planning/M.Sc./M. Des. in IIT Roorkee shall have a choice of lateral entry / switch-over to the Ph.D. program after completing the following:
 - (i) first three semesters of the Master's program with CGPA 8.50 or above for the candidates of M.Sc. program.
 - (ii) first two semesters of the master's program with CGPA 8.50 or above for candidates of other master programs.

Note:

- (A) CGPA or percentage of marks in aggregate (in case marks are awarded) of all years / semesters will be considered. If the CGPA is awarded on a scale other than a 10-point scale, proportionate conversion to a 10-point scale will be considered.
- (B) The requirement of qualifying in a national level test, such as- GATE / CEED / JEST / UGC-NET / CSIR-NET including lectureship (Assistant Professorship) or equivalent or holding a national level fellowship is not applicable to candidates in ISERS or P-ISIRS or P-ISERS category.
- (C) Candidates with a medicine degree from an overseas university / institute should have qualified the Foreign Medical Graduate Examination, or equivalent conducted by the National Board of Examination.
- (D) Candidates with Overseas Citizen of India (OCI) / Person of Indian Origin (PIO) status will be treated at par with Indian Nationals in the General Category.
- (E) Candidates selected under DST-INSPIRE scheme may be considered for provisional admission through departmental/centre /school Ph.D. selection procedure. Such candidates shall be required to submit their ISPIRE Fellowship "Final Offer" from the funding agency to the Institute within 18 months from the date of initial joining, failing which their provisional admission shall stand cancelled automatically, without any further consideration.



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Template-Student-Exit-Form											
Name	Mobile	Gender	Category	Course	Admission Date	Leaving Date	Reason for Leaving (all the reasons enlisted should be populated as dropdown menu for the student, with Remarks column)	Months required	Course Level	Reason Group	Is it considered as Dropout?

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