

सीनेट की एकसौसातवीं बैठक का कार्यवृत्त

**MINUTES OF THE 107TH
MEETING OF THE SENATE**

**30 अक्टूबर 2025
30TH OCTOBER 2025**



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

भारतीय प्रौद्योगिकी संस्थान रूड़की
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**INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
MEETING SECTION**



**Minutes of the 107th Meeting of the Senate held on 30.10.2025 at
03:30 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 Chairman welcomed the following new members into the Senate, and wished for their valuable contributions and active participation in the meetings of the Senate:

1. Prof. E. Rajasekar, Department of Architecture & Planning
2. Prof. Sai Ramudu Meka, Department of Metallurgical & Materials Engineering
3. Prof. M.V. Sunil Krishna, Department of Physics
4. Prof. Saugata Hazra, Department of Biosciences & Bioengineering
5. Prof. Bhanu Prakash Vellanki, Department of Civil Engineering
6. Prof. Ajanta Goswami, Department of Earth Sciences
7. Prof. Pyari Mohan Pradhan, Department of Electronics & Communication Engineering
8. Prof. Jogendra Kumar Nayak, Department of Management Studies
9. Prof. D.N. Pandey, Department of Mathematics
10. Prof. Sumanta Sarkhel, Department of Physics

Thanks were also placed on record for the valuable contributions of the outgoing member, Prof. Josodhir Das, Department of Earthquake Engineering.

In his opening remarks, the Chairman informed that Hon'ble Finance Minister, Smt. Nirmala Sitharaman will be the chief guest in the forthcoming Institute's Foundation Day on November 25, 2025. He emphasized that the departments should identify the core areas and their strengths, in which each of the Departments may set a path to progress with timeline for the next five years. The source of funding corresponding to new research area should be identified.

He also shared his concern on attendance specifically in cases of Ph.D. students, by highlighting the cases where some students reported out of station (working online) and claimed for full scholarship. The Chairperson advised that the Heads of Departments should monitor the attendance may be either through a register or installing a biometric system in respective departments. The fellowship should be linked with their physical attendance in the campus. Further, the students must be physically present on campus during the academic registration. It was also advised that in case the students' strength falls below ten in a course, the same should be discontinued except exceptional cases. Every faculty should have one core and one elective as per the normal practice, and the answer script should invariably be checked by the faculty members. In no case teaching assistant be involved in evaluation work. The Chairman, Senate desired that young faculty be motivated to write more & more projects and encouraged to bring large value grants.

The Dean of Academic Affairs also informed that an email was recently sent to all heads of departments to fill out the Google form, to harmonize the way of taking attendance of Ph.D. students. The inputs are awaited to make common software.

The agenda was taken up.

Item No. 107.1: To confirm the minutes of the 105th & 106th (Urgent) Senate meetings held on 09.07.2025 & 26.08.2025, respectively.

No comment was received. The Senate confirmed the minutes of the 105th & 106th meetings as circulated.

Item No.107.2: To report on the actions taken to implement the decisions of the Senate taken in its 105th & 106th (Urgent) meetings held on 09.07.2025 & 26.08.2025, respectively.

The Senate noted the actions taken on the minutes.


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Item No.107.3: To consider the proposal of Centre for Photonics and Quantum Communication Technology (CPQCT) to introduce a minor specialization in Quantum Technologies.

The Senate considered the recommendations of the IAPC and approved the following courses in Quantum Technologies under CPQCT:

Core Courses

1. Computational Quantum Mechanics - 4 credits (2-0-4)
2. Laboratory course for Quantum Technologies (Programming) - 2 credits (0-0-4)
3. Laboratory course for Quantum Technologies (Hardware) - 2 credits (0-0-4)
4. Quantum Computing - 4 credits (3-1-0)

Elective courses (only two to be chosen from the following list):

1. Quantum Information Theory - 3 credits (3-0-0)
2. Quantum Communication and Network Theory - 3 credits (3-0-0)
3. Quantum Optics for Quantum Computing - 3 credits (3-0-0)
4. Quantum sensing and imaging - 3 credits (3-0-0)
5. Quantum Devices - 3 credits (3-0-0)

Further, the Senate deliberated on renaming the Centre with the aim of strengthening R&D efforts in line with the National Quantum Mission. Alternatives suggested were "Centre for Photonics and Quantum Technology" (CPQT) and "Centre for Quantum Technology" (CQT). It was decided to finalize the name after consultation with stakeholder departments.

Item No.107.4: To consider the proposal of Department of Mathematics to shift the course 'Seminar' from 1st year 2nd semester to 2nd year 1st semester of M.Sc. (Mathematics).

The Senate considered the recommendations of the IAPC and approved the proposal to shift the course 'Seminar' from 1st year 2nd semester to 2nd year 1st semester of M.Sc. (Mathematics), as under:

Semester wise	Present credits	Revised credits
I	22	22
II	21	19
III	17/ 19	19/ 21
IV	14/16	14/16

Further, the Senate opined that the 'load' in 1st semester from '22 credits' to '18' be considered. The department may discuss it. The Chairman, Senate has been authorized to approve the recommendation of the department in this regard.

Item No.107.5: To consider the Academic Calendars for Spring Semester 2025-26.

The Senate considered the Academic Calendars for Spring Semester 2025-26 and approved the same as at **Appendix-A**.

Further, the Senate suggested that provision of MTE slots be provided for better flexibility to individual faculty in academic calendar instead of a fixed time period. A committee will look into this issue after consulting the departments involved in first year courses.

Item No.107.6: To consider the recommendations of the Committee constituted to review/update the Ph.D. Ordinances and Regulations.

The Senate considered the report of the Committee constituted to review and update the Ph.D. Ordinances and Regulations. The recommendations of the IRC were accepted with minor modifications (**Appendix-B**), and recommended the same to the Board of Governors for consideration and approval.

Further, the Senate suggested that PhD scholars should present a seminar on their research topic to the UG/PG students at least once in a year. Departments/Centers/School are requested to prepare a schedule to this effect for every semester.

Item No.107.7: To consider the Provision for Supervisor Selection by Externally Funded Ph.D. Scholars Admitted under MoU.

The Senate considered the recommendations of the IRC and approved the proposal that Ph.D. scholars admitted under externally funded categories (i.e., not supported by Institute Assistantships) be allowed to select their Ph.D. supervisors from the Institute faculty, subject to the consent of the concerned faculty.

These scholars shall not be counted towards the limit/quota of Institute Assistantships per faculty supervisor.

The Chairperson, out of the deliberations, also emphasized to encourage the new/young faculty to provide sufficient Ph.D. Scholars to take the research to the next level. It was opined that the more engagement of young faculty with supervision will lead to bringing more projects and writing research papers and proposals. The Heads should encourage all in the departments/centres/schools to foster more collaboration with the industries.

Item No.107.8: To consider the award of 35 Ph.D. Degrees to the Research Scholars, who have duly qualified during Academic Year 2025-26.

The Senate considered and recommended to the Board of Governors to award 35 Ph.D. Degrees to the Research Scholars, who have duly qualified for the award of Ph.D. degrees, as given in **Appendix-C**, during Academic Year 2025-26.

Item No.107.9: To report the institution of new awards/scholarships.

The Senate noted the item. The Chairman advised establishing a large corpus to hike the scholarship amount from Rs. 20,000/- to at least Rs. 50,000/-.

Item No.107.10: To report the Awardees for Professional Development and Innovation Awards (Pre-final year) for the Academic Year 2024-25.

The Senate noted the following Awardees for Professional Development and Innovation Awards for the Academic Year 2024-25:

S. No.	Award Category	Enroll No.	Name	Programme
1.	Best Innovative Idea Award for UG Programmes of Rs. 50,000/-	22124019	KANIKA UNIYAL	B.Tech. (Biosciences and Bioengineering)
2.	Judge's Choice Award for UG Programmes of Rs. 25,000/-	22124042	SUMIT	B.Tech. (Biosciences and Bioengineering)

Item No.107.11: To report the approvals accorded by the Chairman, Senate.

The Senate noted the item.

Under Any other items

Item No.107.12: To report the approvals accorded by the Chairman, Senate.

The Senate noted the item.

Item No. 107.13: To consider the requests of the students under various categories.

Category-A: Name restoration and continuation of programme

UG (14n rule)

- a) Mr. Ravishankar (Enr. No. 20119040), B.Tech. (P&I), IV Yr
- b) Mr. Mukul Labana (Enr. No. 22113095), B.Tech. (CE), IV Yr
- c) Mr. Veeresh Kalyanam (Enr. No. 22123048), B.Tech. (EPH), IV Yr
- d) Mr. Javaji Vishal Koushik (Enr. No. 22117062), B.Tech. (ME), IV Yr

Category-B: Name restoration beyond permissible limit

- a) Mr. Rabindra Paul (Enr. No. 15112066), B.Tech. (CH), IV Yr

The Senate considered the requests of the above named students. The same were not accepted.

Item No. 107.14: To consider the requests of the ex-Ph.D. Research Scholars for reinstatement of their academic registration.

- (a) Mr. Abhishek Kumar (En. No. 22908001), ex-Ph.D. Research Scholar, Department of Chemical Engineering.

The Senate considered the case and did not find merit in it. The same was not approved.

- (b) Mr. Anil Kumar Mathur (En. No. 19914028), ex-Ph.D. Research Scholar, Department of Electrical Engineering.

The Senate considered the request and, noting his CGPA and progress report asked the IRC to re-examine.

- (c) Mr. Manabendra Sandilya (En. No. 23927003), ex-Ph.D. Research Scholar, Department of Design.

The Senate considered the case and did not find merit in it. The same was not approved.

Item No. 107.15: To consider the request of Mr. Mohit Bhartia (En. No. 21910027), ex-Ph.D. Research Scholar, Department of Civil Engineering, regarding the award of MS Research Degree.

The Senate considered the request of Mr. Mohit Bhartia, and accepted the recommendations of IRC.

In case he registers after going through a fresh admission process, his credits may be allowed to transfer.

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


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Annexure-I

Following were present

1.	Prof. K.K. Pant	Director & Chairman
2.	Prof. U.P. Singh	Dy. Director
3.	Prof. Rajan Arora	Applied Math. & Scientific Computing
4.	Prof. Jaydev	Applied Math. & Scientific Computing
5.	Prof. Arindam Biswas	Architecture & Planning
6.	Prof. Mahua Mukherjee	Architecture & Planning
7.	Prof. Uttam Kumar Roy	Architecture & Planning
8.	Prof. Srinivas Kiran Ambatipudi	Biosciences & Bioengineering
9.	Prof. Harsh Chauhan	Biosciences & Bioengineering
10.	Prof. Pravindra Kumar	Biosciences & Bioengineering
11.	Prof. Naveen Kumar Navani	Biosciences & Bioengineering
12.	Prof. Gopinath Packirisamy	Biosciences & Bioengineering
13.	Prof. M.K. Mohan Poluri	Biosciences & Bioengineering
14.	Prof. Pranita Pragnyadipta Sarangi	Biosciences & Bioengineering
15.	Prof. Ashwani Kumar Sharma	Biosciences & Bioengineering
16.	Prof. Shri Ram Yadav	Biosciences & Bioengineering
17.	Prof. Amit Kumar Dhiman	Chemical Engineering
18.	Prof. Shabina Khanam	Chemical Engineering
19.	Prof. Vimal Kumar	Chemical Engineering
20.	Prof. Prasenjit Mondal	Chemical Engineering
21.	Prof. Vimal Chandra Srivastava	Chemical Engineering
22.	Prof. Debasis Banerjee	Chemistry
23.	Prof. R.K. Dutta	Chemistry
24.	Prof. Paritosh Mohanty	Chemistry
25.	Prof. Jeevanandam P.	Chemistry
26.	Prof. U.P. Singh	Chemistry
27.	Prof. K.R. Justin Thomas	Chemistry
28.	Prof. Rahul Dev Garg	Civil Engineering
29.	Prof. Priti Maheshwari	Civil Engineering
30.	Prof. Rajat Rastogi	Civil Engineering
31.	Prof. Sandeep Kumar	Computer Science & Engineering
32.	Prof. Sateesh Kumar Peddoju	Computer Science & Engineering
33.	Prof. R.N. Dubey	Earthquake Engineering
34.	Prof. S.C. Gupta	Earthquake Engineering
35.	Prof. Ravi Shankar Jakka	Earthquake Engineering
36.	Prof. Bal Krishna Maheshwari	Earthquake Engineering
37.	Prof. Daya Shankar	Earthquake Engineering
38.	Prof. G.J. Chakrapani	Earth Sciences
39.	Prof. Pramod Agarwal	Electrical Engineering

40.	Prof. B.R. Bhalja	Electrical Engineering
41.	Prof. Yogesh Vijay Hote	Electrical Engineering
42.	Prof. Premalata Jana	Electrical Engineering
43.	Prof. Dheeraj Kumar Khatod	Electrical Engineering
44.	Prof. Mukesh Kumar Pathak	Electrical Engineering
45.	Prof. Barjeev Tyagi	Electrical Engineering
46.	Prof. Anand Bulusu	Electronics & Communication Engg.
47.	Prof. Bishnu Prasad Das	Electronics & Communication Engg.
48.	Prof. Sanjeev Manhas	Electronics & Communication Engg.
49.	Prof. Pyari Mohan Pradhan	Electronics & Communication Engg.
50.	Prof. Meenakshi Rawat	Electronics & Communication Engg.
51.	Prof. Smita Jha	Humanities & Social Sciences
52.	Prof. Binod Mishra	Humanities & Social Sciences
53.	Prof. Sanjit Kumar Mishra	Humanities & Social Sciences
54.	Prof. Subir Sen	Humanities & Social Sciences
55.	Prof. Sumit Sen	Hydrology
56.	Prof. Sunil Kumar Singhal	Hydro & Renewable Energy
57.	Prof. Jogendra Kumar Nayak	Management Studies
58.	Prof. Vinay Sharma	Management Studies
59.	Prof. Sandip Banerjee	Mathematics
60.	Prof. Aditi Gangopadhyay	Mathematics
61.	Prof. Ankik Kumar Giri	Mathematics
62.	Prof. Ram Jiware	Mathematics
63.	Prof. Sanjeev Kumar	Mathematics
64.	Prof. Maheshanand	Mathematics
65.	Prof. Ammeiya Kumar Nayak	Mathematics
66.	Prof. D.N. Pandey	Mathematics
67.	Prof. Ram Krishna Pandey	Mathematics
68.	Prof. Uaday Singh	Mathematics
69.	Prof. Tanuja Srivastava	Mathematics
70.	Prof. A. Swaminathan	Mathematics
71.	Prof. Arup Kumar Das	Mechanical & Industrial Engg.
72.	Prof. Akshay Dvivedi	Mechanical & Industrial Engg.
73.	Prof. S.P. Harsha	Mechanical & Industrial Engg.
74.	Prof. Anil Kumar	Mechanical & Industrial Engg.
75.	Prof. V.H. Saran	Mechanical & Industrial Engg.
76.	Prof. Apurbba Kumar Sharma	Mechanical & Industrial Engg.
77.	Prof. Inderdeep Singh	Mechanical & Industrial Engg.
78.	Prof. Indra Vir Singh	Mechanical & Industrial Engg.
79.	Prof. Sudhakar Subudhi	Mechanical & Industrial Engg.
80.	Prof. Gajanan Prabhakar Chaudhuri	Metallurgical & Materials Engg.
81.	Prof. Nikhil Dhawan	Metallurgical & Materials Engg.
82.	Prof. Indranil Lahiri	Metallurgical & Materials Engg.

- | | | |
|-----|---|---------------------------------|
| 83. | Prof. Sai Ramudu Meka | Metallurgical & Materials Engg. |
| 84. | Prof. Ajay | Physics |
| 85. | Prof. Moumita Maiti | Physics |
| 86. | Prof. Vivek Kumar Malik | Physics |
| 87. | Prof. Vipul Rastogi | Physics |
| 88. | Prof. Sumanta Sarkhel | Physics |
| 89. | Prof. Ghanshyam Das Verma | Physics |
| 90. | Prof. Ajay Wasan | Physics |
| 91. | Prof. Thanga Raj Chelliah | WRD&M |
| 92. | Prof. Sanjeev Kumar Prajapati, Head, Deptt. of Hydro & Renewable Energy | |
| 93. | Prof. Abhijit Maiti, Head, Deptt. of Polymer and Process Engineering | |
| 94. | Prof. Jeevanand S., Associate Dean, Infra. (Electrical & A/C) | |
| 95. | Prof. Amit Agarwal, Associate Dean, Corporate Interaction (ADCI) | |
| 96. | Prof. Falguni Pattanaik, ADOAA (Curriculum) | |
| 97. | Prof. Pradeep Srivastava, ADOAA (Evaluation) | |
| 98. | Dr. Sanjeev Kumar Sunny, Actg. Librarian | |
| 99. | Mr. Prashant Garg, Registrar & Secretary, Senate | |


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Annexure-II

The following members conveyed their inability to join the meeting.

1. Prof. Ranjana Pathania, Department of Bioscience and Bioengineering
2. Prof. Kalyan Kumar Sadhu, Department of Chemistry
3. Prof. Muniappan Sankar, Department of Chemistry
4. Prof. Sonalisa Ray, Department of Civil Engineering
5. Prof. Yogendra Singh, Department of Earthquake Engineering
6. Prof. P. Sumathi, Department of Electrical Engineering
7. Prof. Ramesh Chandra, Institute Instrumentation Centre
8. Prof. Rajat Agrawal, Department of Management Studies
9. Prof. Ramesh Anbanandam, Department of Management Studies
10. Prof. Anil Kumar Gourishetty, Department of Physics
11. Prof. Ashish Pandey, Department of WRD&M


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INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ACADEMIC CALENDAR (SPRING SEMESTER 2025-26) Appendix 'A'
Item No. Senate / 107.5

For All Programs (Other than MBA)

S.N.	Details	Date	Day
1	Admission cum Academic Registration for new Ph.D. students	08.01.2026	Thursday
2	Academic Registration for existing students for Spring Semester 2025-26	08.01.2026 - 09.01.2026	Thursday - Friday
3	Commencement of Classes for Spring Semester 2025-26	12.01.2026	Monday
4	Re-examination and second examination (for Autumn Semester 2025-26)	12.01.2026 -14.01.2026	Monday - Wednesday
5	Last date for sending the grades of Re-examination and second examination for Autumn Semester 2025-26	19.01.2026	Monday
6	Last date for Academic Registration with a late fine	23.01.2026	Friday
7	Last date for adding/changing courses for all programs	27.01.2026	Tuesday
8	Last date for submission of mandatory documents for newly admitted Ph.D. students	13.02.2026	Friday
9	Mid-Term Examinations (except Sunday)	26.02.2026 -03.03.2026	Thursday - Tuesday
10	National Science Day	28.02.2026	Saturday
11	Mid Term Break	04.03.2026- 08.03.2026	Wednesday - Sunday
12	Last date for informing the students about performance in MTE and internal assessment	11.03.2026	Wednesday
13	Submission of the feedback/response form - I on the online portal	11.03.2026- 13.03.2026	Wednesday - Friday
14	Institute Research Day	13.03.2026	Friday
15	Cognizance-2026 Tentative	13.03.2026 - 15.03.2026	Friday- Sunday
16	Last date for withdrawal of courses	27.04.2026	Monday
17	Submission of the feedback/response form - II on the online portal	28.04.2026 - 30.04.2026	Tuesday- Thursday
18	Last date of teaching	30.04.2026	Thursday
19	End Term Examinations (excluding Sunday)	02.05.2026- 11.05.2026	Saturday- Monday
20	Last date of showing the End Term Examinations answer scripts	18.05.2026	Monday
21	Last date of electronic communication of grades to students	21.05.2026	Thursday
22	Last date for students to apply for grade revision, if any	23.05.2026	Saturday
23	Last date for the evaluation of Project/Thesis/Seminar for all programs	28.05.2026	Thursday
24	Last date for sending final grades to AAO	29.05.2026	Friday
25	Last date for submission of the progress report for the PhD Students	05.06.2026	Friday
26	Summer vacation for UG students (except IDD final Year)	19.05.2026- 14.07.2026	Tuesday- Tuesday
27	Admission cum Academic Registration for New Ph.D. and Masters' Students	14.07.2026	Tuesday
28	Academic registration of all existing students	14.07.2026- 15.07.2026	Tuesday- Wednesday
29	Commencement of classes (except UG I year)	16.07.2026	Thursday
30	Re-examination and Second examination (for Spring Semester 2025-26)	16.07.2026- 18.07.2026	Thursday- Saturday
31	Academic Registration for new UG students*	24.07.2026	Friday
32	Commencement of classes for UG I year*	27.07.2026	Monday
33	Convocation-2026	First week of September 2026	-

*Subject to the JoSAA Counselling

**Teaching days for Spring Semester 2025-26
All Programs (Other than MBA)**

	Months																						
Days	January			February				March					April					May				Less for MTE/ ETE/IFD/ cognizance	Total Teaching days
Mon	12	19	-	2	9	16	23	2	9	16	23	30		6	13	20	27		4	11		3	14
Tue	13	20	27	3	10	17	24	3	10	17	24	-		7	14	21	28		5			2	14
Wed	14	21	28	4	11	18	25	-	11	18	25		1	8*	15	22	29		6			1	15-1=14
Thu	15	22	29	5	12	19	26	-	12	19	26		2	9	16	23	30		7			2	14
Fri	16	23	30	6	13	20	27	-	13	20	27		-	10	17	24		-	8			3	11+3*=14
Sat			31			21	28			-								2	9			2	-
Total days	15			19				15					21					-					70

Event – Non-Teaching day

***Time-Table Rescheduling (for all the classes)**

Examinations

January 31, 2026

Saturday

Fridays' Time Table

February 21, 2026

Saturday

Fridays' Time Table

April 8, 2026

Wednesday

Fridays' Time Table

Mid Term Examination

February 26 – March 03, 2026

Mid Term Break

March 04 – March 08, 2026

Feedback/Response Form - I

March 11 – March 13, 2026

Cognizance 2026 (Including IRD)

March 13 – March 15, 2026

Feedback/Response Form - II

April 28 – April 30, 2026

Last Date of Teaching

April 30, 2026

End Term Examination

May 02 – May 11, 2026

List of Holidays

Republic Day	26.01.2026	Monday
Holi	04.03.2026	Wednesday
Idu'l Fitr*	21.03.2026	Saturday
Mahavir Jayanti	31.03.2026	Tuesday
Good Friday	03.04.2026	Friday
Buddha Purnima	01.05.2026	Friday
Idu'l Zuha (Bakrid)*	27.05.2026	Wednesday
Muharram*	26.06.2026	Friday

*Subject to change in the visibility of the moon.


25 NOV 2025

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ACADEMIC CALENDAR (SPRING SEMESTER 2025-26)

For MBA Term 3, 7 & 4, 8

S. No.	Details	Term 3 & 7		Term 4 & 8	
		Date	Day	Date	Day
1	Academic Registration for existing students	08.01.2026-09.01.2026	Thursday - Friday	-	-
2	Commencement of Classes	12.01.2026	Monday	09.03.2026	Monday
3	Re-examination and Second examination for Term 4 & 8 (Session 2025-26)	12.01.2026 -14.01.2026	Monday - Wednesday	-	-
4	Last date for Academic Registration with a late fine	23.01.2026	Friday	-	-
5	Last date for adding/changing courses	27.01.2026	Tuesday	23.03.2026	Monday
6	Last date for withdrawal of courses	19.02.2026	Thursday	27.04.2026	Monday
7	Submission of the feedback/response form on the online portal	23.02.2026 - 25.02.2026	Monday - Wednesday	28.04.2026 - 30.04.2026	Tuesday-Thursday
8	Last date of teaching	24.02.2026	Tuesday	30.04.2026	Thursday
9	End Term Examinations (excluding Sunday)	26.02.2026 - 03.03.2026	Thursday - Tuesday	02.05.2026 - 11.05.2026	Saturday - Monday
10	National Science Day	28.02.2026	Saturday	-	-
11	Term Break	04.03.2026 - 08.03.2026	Wednesday - Sunday	-	-
12	Institute Research Day	13.03.2026	Friday	-	-
13	Cognizance-2026 tentative	13.03.2026 - 15.03.2026	Friday - Sunday	-	-
14	Last date of showing End Term Examinations answer scripts	16.03.2026	Monday	18.05.2026	Monday
15	Last date of electronic communication of grades to students	18.03.2026	Wednesday	21.05.2026	Thursday
16	Last date for students to apply for grade revision, if any	19.03.2026	Thursday	23.05.2026	Saturday
17	Last date for sending final grades to AAO	20.03.2026	Friday	29.05.2026	Friday
18	Summer Vacation	-	-	19.05.2026 - 14.07.2026	Tuesday - Tuesday
19	Re-examination and Second examination for Term 3 & 7	23.03.2026 - 25.03.2026	Monday - Wednesday	-	-
20	Registration of Terms 1 (Session 2026-27)	-	-	14.07.2026	Tuesday
21	Registration of Terms 5 (Session 2026-27)	-	-	14.07.2026 - 15.07.2026	Tuesday - Wednesday
22	Commencement of classes for Terms 1 & 5	-	-	16.07.2026	Thursday
23	Re-examination and Second examination for Terms 4 & 8	-	-	16.07.2026 - 18.07.2026	Thursday - Saturday
24	Convocation 2026	-	-	First week of September 2026	-

**Teaching days for Spring Semester 2025-26
For MBA**

	Months																						
Days	January			February				March	Total Teaching days	March				April				May			Total Teaching days		
Mon	12	19	-	2	9	16	23	2	6	9	16	23	30		6	13	20	27		4	11	8	
Tue	13	20	27	3	10	17	24	3	7	10	17	24	-		7	14	21	28		5		7	
Wed	14	21	28	4	11	18	25	-	7	11	18	25		1	8*	15	22	29		6		8-1=7	
Thu	15	22	29	5	12	19	26	-	6	12	19	26		2	9	16	23	30		7		8	
Fri	16	23	30	6	13	20	27	-	6+2=8	13	20	27		-	10	17	24		-	8		5+1=6	
Sat			31			21	28	-	-										2	9		-	
Total days	15			19					34	15				21							36		

Event – Non-Teaching

Examinations

Compensatory Classes

January 31, 2026

Saturday

Fridays' Time Table

February 21, 2026

Saturday

Fridays' Time Table

*Time-Table Rescheduling

April 08, 2026

Wednesday

Fridays' Time Table

Term 3 & 7

Feedback/Response Form

February 23 – 25, 2026

Last Date of Teaching

February 24, 2026

End Term Examination

February 26 – March 03, 2026

Term Break

March 04 - 08, 2026

Institute Research Day

March 13, 2026

Cognizance-2026

March 13 – 15, 2026

Term 4 & 8

Feedback/Response Form

April 28 – 30, 2026

Last Date of Teaching

April 30, 2026

End Term Examination

May 02 – May 11, 2026

List of Holidays

Republic Day	26.01.2026	Monday
Holi	04.03.2026	Wednesday
Idul Fitr*	21.03.2026	Saturday
Mahavir Jayanti	31.03.2026	Tuesday
Good Friday	03.04.2026	Friday
Buddha Purnima	01.05.2026	Friday
Idul Zuha (Bakrid)*	27.05.2026	Wednesday
Muharram*	26.06.2026	Friday

*Subject to change in the visibility of the moon.

Appendix 'B'

Item No. Senate / 107.6

**ORDINANCES, ADMISSION PROCESS, AND
REGULATIONS**

FOR

**THE DEGREE
OF
DOCTOR OF PHILOSOPHY (Ph.D.)
[2025]**



**Indian Institute of Technology Roorkee
Roorkee-247667**

PREAMBLE

Indian Institute of Technology Roorkee (IITR), being the first technical institution in Asia and one of the premier technical institutions in India today, has been a front runner in imparting state-of-the-art education in science and technology to the people of this country, and has produced engineers and scientists par excellence. Indian Institute of Technology Roorkee inherits the legacy of excellence in teaching and research of the erstwhile University of Roorkee as is evident from its illustrious alumni and their engineering feats like Aswan to Bhakra-Nangal dam across the world, standing as testimonies of their capabilities and excellence.

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

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

The Ph.D. program 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 programs. The institute undertakes sponsored research and development projects from industrial and other organizations in the public as well as private sector.

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 (IITR) shall be conferred on a candidate who successfully completes all the requirements specified in these ordinances and regulations, which were approved by Senate/Board of Governors.

THE INSTITUTE

Indian Institute of Technology Roorkee, erstwhile University of Roorkee, is the oldest technical institution of the country. Established as the Roorkee College in 1847 and rechristened as the Thomason College of Civil Engineering in 1854, it made tremendous contributions in the development of infrastructural base-roads and highways, canals and irrigation networks, railways and engineering industries. Recognising its outstanding contributions and its potential for growth, the college was elevated to be the first Technical University of India on November 25, 1948. Nurtured as the premier institution by the State of Uttar Pradesh, the University was declared an Institute of national importance and converted into the Indian Institute of Technology Roorkee by an Act of Parliament with effect from September 21, 2001.

The academic activities of the Institute are spread over three campuses: (i) 365 acres campus at Roorkee, (ii) 25 acres campus at Saharanpur and (iii) 10 acres campus of Greater Noida Extension Centre at Greater Noida. The Institute offers several undergraduate programs leading to Bachelor's degree in different disciplines of engineering, sciences, architecture, and design. In addition, the Institute offers Integrated dual-degree programs and Integrated Master's programs in different disciplines of engineering and sciences, and postgraduate programs in specialised areas leading to Master's degree in technology, architecture, sciences, management and design. The Institute is also engaged in advanced level research and offers doctoral programs in the areas of cutting edge technologies and sciences.

The Institute boasts of a dedicated and highly qualified faculty of approximately 550 members actively involved in both teaching and research. In addition to their academic roles, faculty members also contribute their expertise through consultancy services to various public and private sector organizations. Currently, the Institute is home to over 5,500 undergraduate students, more than 2,000 postgraduate students, and over 3,000 Ph.D. scholars, including international students from several countries.

A number of academic and service centres are engaged in interdisciplinary research and there are many collaborative programs between the Institute and other institutions in India and abroad. The teaching and research at the Institute is amply supported by central facilities such as the Central Library with around 4 lakhs printed volumes of books, journals and periodicals. The Central Library is a member of the Indian National Digital Library in Engineering Science and Technology (INDEST) Consortium. The membership provides online access to about 15000 e-journals and 15000 e-books. Important centres and cells on the campus include: E-learning Centre, Institute Computer Centre, Institute Instrumentation Centre, The Tinkering Lab, TIDES Business Incubator, iHUB Divyasampark TIH, and Intellectual Property Right Cell.

The Institute prepares students to meet the ever-increasing technological and social challenges with its traditions of self-discipline, hard work, all round personality development and a creative approach to problem solving. An extensive infrastructure exists to imbibe and cultivate these attributes amongst the students. To uphold academic excellence and remain responsive to evolving academic and industry demands, the Institute undertakes periodic curriculum revisions, ensuring that its programs remain contemporary, relevant, and aligned with global standards.

The Institute has procured a large number of state-of-the-art equipment and various other facilities, thus updating and modernizing its laboratories. All the Departments of the Institute have modern laboratories equipped with sophisticated facilities.

A large number of distinguished organizations interact with the Institute through research and consultancy services, which bears testimony to the important role being played by the Institute in the national development. The Institute also offers, on request, tailor-made short-term continuing education programs, specifically for personnel from industry and service organizations.

The Indian Institute of Technology Roorkee has a unique character and is fully residential for the students and the faculty. The Institute campus is vibrant with diverse creative activities, which constantly serve to bring students and the staff in close contact, thereby fostering an all-round intellectual development. The Institute campus has an excellent gymnasium, badminton and squash courts, lawn tennis courts, a swimming pool, billiards tables, and recreational centres like the Students' Clubs, Hobbies Club, Boat Club, Cultural Society, and Institute Cinema Club. The students are housed comfortably in hostels with excellent dining facilities. A fairly equipped Institute Hospital caters to the health needs of the campus community.

The Institute organizes several co-curricular activities for all-round personality development of the students, such as THOMSO, the annual youth festival; COGNIZANCE, an all-India technical festival. Hobbies Club and its annual exhibition SRISHTI is one of the unique features of the Institute that promotes creativity among students.

Students are encouraged to participate in various sports and cultural activities to help them develop a well-balanced personality. Every year, they organize an exhibition of fine arts, sculptures and carvings, philately, photography, scientific models, etc., besides sports activities. Being a rather compact campus, a cheerful and friendly atmosphere prevails and students feel at home very soon after joining the Institute. The lush green surroundings and the stately Ganga Canal flowing nearby provide a very stimulating and creative environment.

ACADEMIC DEPARTMENTS, CENTRES, SCHOOL AND UNITS

There are twenty-three academic departments in the Institute, one school, ten academic centres, seven academic service units and five other support units.

Academic Departments

- | | |
|--|---|
| 1. Applied Mathematics and Scientific Computing* | 2. Architecture and Planning |
| 3. Biosciences and Bioengineering | 4. Chemical Engineering |
| 5. Chemistry | 6. Civil Engineering |
| 7. Computer Science and Engineering | 8. Design |
| 9. Earth Sciences | 10. Earthquake Engineering |
| | 12. Electronics and Communication Engineering |
| 11. Electrical Engineering | 14. Hydrology |
| 13. Humanities and Social Sciences | 16. Management Studies |
| 15. Hydro and Renewable Energy | 18. Mechanical and Industrial Engineering |
| 17. Mathematics | 20. Paper Technology* |
| 19. Metallurgical and Materials Engineering | 22. Polymer and Process Engineering* |
| 21. Physics | |
| 23. Water Resources Development and Management | |

*Note: These departments are at Saharanpur Campus.

School

1. Mehta Family School for Data Science & Artificial Intelligence

Academic Centres

- | | |
|---|--|
| 1. Disaster Mitigation and Management | 2. Indian Knowledge Systems |
| 3. International Centre of Excellence for Dams | 4. Nanotechnology |
| 5. Photonics and Quantum Communication Technology | 6. Semiconductor Design and Technology |
| 7. Space Science and Technology | 8. Sustainable Energy |
| 9. Sustainable Rural Development | 10. Transportation Systems |

Academic Service Centres

- | | |
|--|-------------------------------------|
| 1. Centre for Continuing Education | 2. E-Learning Centre |
| 3. Institute Computer Centre | 4. Institute Instrumentation Centre |
| 5. Greater Noida Extension Centre IITR | 6. Mahatma Gandhi Central Library |
| 7. Rethink! The Tinkering Lab | |

Other Units

- | | |
|--|---|
| 1. DRDO Industry Academia Centre of Excellence (DIA-CoE) | 2. iHUB Divyasampark TIH - under NM-ICPS mission, Govt of India |
| 3. Intellectual Property Right Cell | 4. TIDES Business Incubator |
| 5. Water for Welfare: An Uttarakhand Government Initiative | |

The Academic Departments, Centres and School offer the degree of Doctor of Philosophy (Ph.D.) to students of various disciplines.

PART-I

ORDINANCES

ORDINANCES FOR THE DOCTOR OF PHILOSOPHY (Ph.D.) PROGRAMS

Short Title & Commencement	O.1	(1)	These ordinances shall be called the Ordinances for the Doctor of Philosophy (Ph.D.) Programs and will be applicable to Ph.D. Programs of the Indian Institute of Technology Roorkee.
		(2)	These ordinances shall come into force with effect from such date as the Senate/Board may fix in this behalf.
Definitions	O.2	(1)	“ADA” shall mean Associate Dean, Admission & IT Systems.
		(2)	“ADC” shall mean Associate Dean, Curriculum.
		(3)	“ADE” shall mean Associate Dean, Evaluation.
		(4)	“Applicant” shall mean an individual who applies for admission to any Ph.D. program of the Institute.
		(5)	“Board” shall mean the Board of Governors of the Institute.
		(6)	“Casual Student” shall mean a student who is registered for a degree in a recognized Institution/ University in India or abroad and is officially sponsored by his parent institute to avail laboratory and other academic facilities or for attending a formal set of courses of the Institute.
		(7)	“CFC” shall mean Faculty Committee of the Centre.
		(8)	“CGPA” shall mean the Cumulative Grade Point Average.
		(9)	“Competent Authority” shall mean the Director of IIT Roorkee or any officer to whom the Director delegates the authority.
		(10)	“Council” shall mean the Council of the Indian Institutes of Technology.
		(11)	“Course” shall mean a curricular component identified by a designated code number and a title.
		(12)	“Course Coordinator” shall mean a faculty member who shall have full responsibility for the course and coordinating the academic activities associated with that course, including examinations and the award of grades.
		(13)	“CRC” shall mean the Research Committee of the Centre.
		(14)	“Degree” shall mean the Ph.D. Degree of the Institute as may be approved by the Board from time to time.
		(15)	“DAA” shall mean the Dean of Academic Affairs.
		(16)	“DFC” shall mean Departmental Faculty Committee.

	(17)	“DoSW” shall mean the Dean of Students' Welfare.
	(18)	“DRC” shall mean Departmental Research Committee.
	(19)	“Faculty Advisor” shall mean a faculty nominated by the Department/Academic Centre/School to advise a student on the courses to be taken by him/her and other matters related to the academic program.
	(20)	“GEN-EWS” shall mean the General Economically Weaker Section.
	(21)	“IRC” shall mean Research Committee of the Institute
	(22)	“Institute” shall mean the Indian Institute of Technology Roorkee.
	(23)	“OBC-NC” shall mean the other backward classes – non creamy layer as notified by the Government of India from time to time.
	(24)	“PD” shall mean a person with different abilities as specified by the Government of India from time to time.
	(25)	“PG” shall mean Postgraduate.
	(26)	“Research Student” shall mean a person registered for the Ph.D. program of the Institute before becoming the candidate.
	(27)	“ScFC” shall mean the Faculty Committee of the School.
	(28)	“SC/ST” shall mean the scheduled castes/scheduled tribes as notified by the Government of India from time to time.
	(29)	“SGPA” shall mean the Semester Grade Point Average.
	(30)	“Student” shall mean a student registered for an academic program of the Institute.
	(31)	“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.
	(32)	“Co-supervisor(s)” shall mean member(s) of the academic staff of the Institute or any person from other organization recommended by DRC/CRC/ScRC, Head of the Department/Centre/School and approved by Competent Authority to guide/supervise the research/academic work of the research student/candidate.
	(33)	“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).
		(34)	"Course Work" shall mean courses of study prescribed by the Department/Centre/School through the Student Research Committee, to be undertaken by a research student registered for the Ph.D. Degree.
		(35)	"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.
		(36)	"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 for completing the degree requirements.
		(37)	"Registration Period" shall mean the length of time span commencing with the date of initial registration at the Institute.
		(38)	"ODC" shall mean Oral Defence Committee.
		(39)	"Residency" shall mean the minimum period for which a student/candidate must attend the Institute.
		(40)	"SRC" shall mean Student's Research Committee.
		(41)	"Sponsored Research Student/Candidate" shall mean a research student/candidate sponsored by an organization/employer who provides full financial support to the student for pursuing Ph.D.
		(42)	"ScRC" shall mean the Research Committee of the School.

Ordinances	O.3	(1)	The Institute shall offer Ph.D. programs and of such minimum duration as the Board may approve on the recommendation of the Senate either on its own or on the initiative of a Department/Academic Centre/School, and/or on the direction of the Board/Council/Government of India, provided that the Institute Research Committee (IRC) shall recommend all such programs.
		(2)	The minimum entry qualifications and the policy and procedure of admission to Ph.D. programs shall be such as may be specified by the Institute/Government of India and/or laid down in the regulations.
		(3)	A Ph.D. student shall be required to earn a minimum number of credits through various curricular components like lectures/laboratory courses, project, etc. at the Institute or at such other institutions as have been approved by the Institute. For a Ph.D. student, the thesis/project and other similarly designated academic activities shall have to be undertaken under the guidance of one or more supervisor(s) from the Institute. However, a Ph.D. student may be permitted by the DRC/CRC/ScRC to carry out in full or part of his/her thesis/project outside the Institute. In such cases, an additional supervisor from the host organization/institute, if considered necessary, may be appointed by the DRC/CRC/ScRC on the recommendation of the supervisor(s) from the Institute.
		(4)	A Ph.D. student shall be required to complete all the requirements for the award of the Degree within such period as may be specified in the regulations, including those credits earned at such other institutions as have been recognized by the Institute for this purpose.
		(5)	The date of initial registration of a student in a Ph.D. program shall normally be the date on which the student registers in the program for the first time. This date shall be construed as the date of joining of the student in the program for all intents and purposes.
		(6)	A student shall be required to attend every lecture, tutorial and practical class. However, for late registration, sickness or other such exigencies, absence may be allowed as provided for in the regulations.

		(8)	A Ph.D. student may be granted such scholarship/ assistantship/stipend, etc. and awarded such prizes and medals as may be specified in the regulations in accordance with the directions of the Government of India and/or the decision of the Council/Board from time to time.
		(9)	The procedure for the admission of a student to a Ph.D. program shall be such as may be specified in the regulations; the casual students may be allowed access to academic programs in the manner as provided for under the regulations.
		(10)	The procedure for withdrawal from a Ph.D. program, rejoining the program, the award of grades and the SGPA/CGPA, the examination and all such matters as may be connected with the running of a Ph.D. program shall be such as may be specified in the regulations.
		(11)	The award of the Ph.D. degree to an eligible student shall be made in accordance with the procedure laid down in the regulations.
		(12)	A student admitted to a Ph.D. program shall abide by the "Standing Orders for Students" issued by the Institute from time to time. These Standing Orders shall deal with the discipline of the students in the Bhawans/Hostels, Departments/Centres/School, the Institute premises and outside. The Standing Orders may also deal with such other matters as are considered necessary for the general conduct of the students, and co-curricular and extra-curricular activities. These Standing Orders shall be approved by the Director on the recommendation of the Dean of Students' Welfare.
		(13)	The regulations for the Ph.D. program shall be framed by the IRC, which shall be considered and approved by the Senate.
		(14)	In special circumstances, the Chairperson of the Board may, on behalf of the Board, approve amendment, modification, insertion or deletion of an ordinance, which in his opinion is necessary or expedient for the smooth running of a program, provided that all such changes shall be reported to the Board in its next meeting for approval.

		(15)	Notwithstanding anything contained in these Ordinances & Regulations, all students shall be governed by the regulations, guidelines and procedures framed by the Senate in this regard, and in force from time to time.
		(16)	Notwithstanding anything contained in the above Ordinances, no regulations shall be made in contravention of the decision of the Board/Council and/or the direction of the Government of India in regard to the duration of the Ph.D. program, the amount and number of scholarship/assistantship and the number of studentships and the procedure of admission and the percentage of students of various categories, viz. reserved (SC, ST, OBC-NC, PD, GEN-EWS) and unreserved categories.

PART-II

ADMISSION PROCESS

ADMISSION PROCESS

Academic Session	A.1	(1)	An academic session will consist of two semesters. The first semester will normally commence in July (Autumn semester), and the second in January (Spring semester). Ph.D. applicants seeking Institute Assistantship will normally be admitted in any of the two semesters in an academic session. In addition, Ph.D. applicants with external funding may apply for the admission to the program throughout the year.
Admission Categories	A.2	(1)	Full-time Research Scholar (FTRS) (a) Institute Assistantship Research Scholar (IARS) (b) Externally Funded Research Scholar (EFRS) (i) Fellowships (ii) Foreign Nationals (iii) Project Funded (c) In-Service External Research Scholar (ISERS)
		(2)	Part-time Research Scholar (PTRS) (a) In-Service Internal Research Scholar (P-ISIRS) (b) In-Service External Research Scholar (P-ISERS) (c) Extensive Professional Experience Research Scholar (P-EPERS)
		(3)	MoU Category (a) Full Time as per terms of MoU (b) Part Time as per terms of MoU
Eligibility for Admission	A.3	(1)	An applicant should possess minimum qualifications in appropriate area(s) and she/he is required to fulfil the Department/Centre/ School wise minimum educational qualification, as specified in the admission brochure, to be eligible to apply for admission for the Ph.D. program.
		(2)	Additional Provisions for applicants under Externally Funded Research Scholars (EFRS) Category (a) Fellowships These applicants can apply through rolling advertisement as available on the Institute website. If the advertisement for the Institute Assistantship Research Scholars (IARS) category is in process, their applications will be considered along with those of the IARS category applicants.

			(b) Foreign Nationals Foreign nationals will be considered at par with General category candidates for minimum CGPA requirements. These candidates will be provided with support for English language proficiency, if required. (c) Project Fellows Candidates employed in a project at the Institute may be considered under EFRS category if they fulfil the minimum eligibility criteria. The project duration should be at least 2 years, and at the time of registration, funding for at least 12 months should be available in the project.
		(3)	Additional Provisions for In-service External Research Scholars (ISERS)/ Part Time In-service Internal Research Scholars (P-ISIRS)/ Part Time In-service External Research Scholars (P-ISERS) Candidates At the time of registration, the candidates should have at least two years' experience in a Government/Semi-Government organization/Public Sector Undertaking, AICTE/UGC recognized educational institute, or a registered company with an annual turnover of more than Rs. Twenty Crores. They should have permission from the employer for pursuing the Ph.D. program with adequate leave of absence to complete the course work requirements. This requirement of leave of absence is waived off for candidates working within 100 km of the Institute. Candidates in P-ISIRS category should, in addition, be regular employees of the Institute.
		(4)	Additional Provisions for applicants under Extensive Professional Experience Research Scholar (P-EPERS) Category are mentioned in the Appendix-A.
Admission Procedure	A.4	(1)	Departments/Centres/School may prescribe higher or additional short-listing criteria beyond the minimum eligibility criteria. Thus, shortlisting criteria may be different in different specializations within a Department/Centre/School. Admission will be on the basis of performance in the written test and/or interview. Candidates who are residing abroad may appear for interview through video conferencing. Selected candidates who are unable to produce the proof of qualifying degree at the time of registration may be admitted provisionally. They should provide the same by the due date as specified by the Institute, failing which their admission shall be cancelled.

		(2)	Admission under Quality Improvement Program (QIP) These admissions shall be governed by QIP norms.
Thesis Supervisor	A.5	(1)	Every research scholar shall be assigned a thesis supervisor. Details of the supervisors of all the students admitted during a semester shall be communicated by the Departments/Centres/School to the Academic Office, within one month from the date of registration.
Financial Assistance	A.6	(1)	The Institute may provide financial assistance in the form of teaching or research assistantships, referred to as Institute Assistantships. Assistantships are awarded for up to 60 months. A student is expected to devote up to ten hours per week towards job(s) assigned by the Department/Centre/School. The renewal of assistantship is contingent on the student's satisfactory semester progress performance, timely completion of the candidacy in the academic program, and in the discharge of assistantship duties. After the expiry of project funding, project fellows may be offered Institute Assistantship. The duration of support shall be for a maximum period of 60 months which will include the duration of assistantship drawn from the project funding. These assistantships will be over and above any limit/quota of Institute Assistantships for the Departments/Centres/School. Financial assistance from the Institute will not be available to candidates who are recipients of fellowships from UGC/CSIR/DST/ICMR/DBT, etc. and candidates registered under ISERS/P-ISIRS/P-PISERS category. Tuition fee waivers may be available as per the policies of the Institute.

PART-III

REGULATIONS

REGULATIONS FOR THE DOCTOR OF PHILOSOPHY (Ph.D.) PROGRAMS

Registration	R.1	(1)	(a) New Students All new students should report at the Institute on the day as specified in the offer of admission, along with the documents specified therein. New students, awaiting the results of the qualifying degree, will be allowed to register provisionally on the submission of an undertaking. In case a student registers after the last date of addition/change of courses, she/he cannot register for credit courses in that semester. However, the duration for completing the candidacy requirements shall be counted from the date of admission to the Ph.D. program. (b) Current Students Students are required to register every semester till they submit the thesis. The registration process involves: (i) Submission of prescribed Progress and Performance Report. (ii) Depositing prescribed fee and dues (if any), and completing the online registration process. If a student is likely to submit her/his thesis within 15 days from the date of registration, she/he need not register in that semester. If a student wishes to stay in the campus after submission of thesis, she/he will need to register. (c) Change of Registration for switchover program (from M.Sc/M.Tech/M.Des/MURP/M.Arch/IDD/IMT to Ph.D.) Students pursuing M.Sc/M.Tech./M.Des/M.Arch/MURP/IDD/IMT programs of IIT Roorkee may opt for a Ph.D. program. This option can be availed after completing two semesters of M.Tech/M.Des/M.Arch/MURP, or three semesters of M.Sc, or after completing all theory courses of IDD/IMT with CGPA of minimum 8.0. (d) Joint Doctoral Degree and Dual Doctoral Degree Students pursuing Ph.D. at IIT Roorkee may opt for Joint Doctoral Degree/Dual Doctoral Degree program through MoUs between specific institutions and IIT Roorkee with the approval of DAA and Senate.
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			(i) Joint Ph.D. Degree • Students must meet the admission requirements and complete the degree requirements of their home institution. • Students will receive the degree only from their home institution, with a remark indicating that the program has been completed jointly with the host institution. (ii) Dual Degree Ph.D. Program • Students must meet the admission requirements and complete the degree requirements of both the institutions. • Students will receive a separate degree from each institution. (iii) Common Conditions for Joint Doctoral Degree and Dual Degree Programs • Students must have a Supervisor at each institution. • Students must spend a minimum of 6 months at the host institution over the entire duration of the program. • Tuition fees shall be payable as per the MoU guidelines. (e) Double Degree (Two-degrees) Ph.D. and M.Tech./M.Sc./MURP/M.Arch./ M.Des./MBA (i) A student admitted to a Ph.D. program with a Master's Degree in an allied discipline, will be awarded M.Tech./M.Sc./MURP/M.Arch./ M.Des./MBA degree along with the Ph.D. degree, provided the student earns the course credits (excluding the thesis) required for an M.Tech./M.Sc./MURP/M.Arch./M.Des./MBA program, offered by the parent Department/ Centre/School, with CGPA 8.5 or more (course credits requirements is given in R4(2) Table 2). (ii) A student admitted in a Ph.D. program with a Bachelor's degree will also be awarded M.Tech./M.Sc./MURP/M.Arch./M.Des./MBA degree along with the Ph.D. degree, provided the student earns the course credits (excluding the thesis) required for an M.Tech./M.Sc./
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			MURP/M.Arch./M.Des./MBA program, offered by the parent Department/Centre/School, with CGPA 8.5 or more (course credits requirements is given in R4(2) Table 2). (iii) Candidates shall earn all credits for the course work (excluding thesis) of an M.Tech./M.Sc./MURP/M.Arch./M.Des./MBA Program offered by the parent Department/Centre/School. The requirement of earning credits for pre-Ph.D. courses will be waived-off for such candidates. (iv) Fellowship will be allowed for a duration of 60 months from the date of initial registration in the Ph.D. program. (v) Other requirements for award of Ph.D. degree shall apply. (vi) On meeting the requirements, the student shall be eligible for two degrees (M.Tech./M.Sc./MURP/M.Arch./M.Des./MBA and Ph.D.) on defending her/his Ph.D. thesis. (vii) The exit policy relevant to the Ph.D. program shall be applicable to the students who leave the program prior to completion. (f) Change of Registration from Full-time to Part-time Program If a student wishes to join an organization, she/he can request for change of her/his registration status to part-time, provided that all requirements for candidacy have been completed. The DAA can approve the request on the recommendation of DRC/CRC/ScRC. (g) Change of Registration from Part-time to Full-time Program If a part-time student has secured an authorized leave for the intended duration of stay (not less than one semester) or has formally resigned from her/his parent organization, she/he can request to change status from part-time to full-time. Such students are not eligible for Institute Assistantship. The DAA can approve the request on the recommendation of DRC/CRC/ScRC.
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Joining process and constitution of SRC for students	R.2	(1)	The following process should be followed for initiating the Ph.D. program: (a) All new students should report to the Head of Department/Centre/School. The Department/Centre/School shall allot the supervisor(s) to every selected student within one month from the date of registration. (b) Login and password for Academic Information System (AIS) is provided by the Academic Affairs Office at the time of registration. Students should fill the name of the supervisor(s) on the PhD Forms in AIS Portal. (c) The thesis supervisor(s), once decided, shall propose the Student Research Committee (SRC) which shall comprise of three members and the supervisor(s). One of these three members shall be proposed as the Chairperson, SRC by Chairperson, DRC/CRC/ScRC. The proposed Chairperson, SRC should be a faculty member of IIT Roorkee and have supervised at least one Ph.D. at IIT Roorkee. Additional members may be added to the SRC based on the recommendations of the SRC and the DRC/CRC/ScRC. The SRC members must have requisite expertise and may be drawn from any Department/Center/School, CFTI, reputed national research institutes, or from industry. Retired experts can also be selected as SRC members. If required, the SRC meetings may be conducted through video conferencing. Once SRC has been approved by the Head of Department/Centre/School, the SRC will recommend to the Chairperson DRC/CRC/ScRC the courses which the candidate shall register for.
Supervisor	R.3	(1)	Thesis Supervisor Every student shall have a thesis supervisor from the Institute. The supervisor can be: (a) Any full-time faculty member holding a Ph.D. degree with minimum 3 years of service remaining. (b) Visiting Faculty/Emeritus Fellow/Scientific Officer/Professor of practice /full-time faculty member with

		less than 3 years of service remaining, holding a Ph.D. degree, can supervise a Ph.D. student jointly with a faculty member as defined in (a) above. (c) Co-supervisor, holding a Ph.D. degree in relevant subject, can be from outside the Institute, if recommended by the DRC/CRC/ScRC. In such cases, the co-supervisor should submit a No Objection Certificate from her/his parent organization. (d) In addition to the supervisor, there can be at most two co-supervisors, with NOT more than one from outside the Institute. If the number of supervisor and co-supervisor are three, then at least one co-supervisor should be from other department/center/school. However, in case of Joint/Dual degree programs, this condition may be relaxed as per the MoU. (e) Students with Institute Assistantship may be assigned thesis supervisor by the DRC/CRC/ScRC. There will not be any limit on the number of research scholars which can be concurrently supervised by a faculty member subject to the condition that the research scholars with Institute Assistantship can be at most five. However, students who have submitted thesis and awaiting final viva-voce will not be counted in this quota of five. In the case of Joint Faculty, two more Ph.D. students with Institute Assistantship will be allowed in the Department/Center/School to which the faculty is associated jointly. Further, in case of co-supervision, 1 student shall be counted as 0.5 student for each supervisor/co-supervisor(s).
	(2)	Addition of a Supervisor/Co-supervisor Addition of a co-supervisor may be approved by the Head of Department/Centre/School on the recommendation of the SRC and DRC/CRC/ScRC. If a co-supervisor is added for the supervision of a thesis, his/her period of association with the thesis should be at least 18 months. However, a co-supervisor/caretaker supervisor may be appointed upon the recommendation of the SRC and DRC in the following cases:

		(i) If the sole supervisor of a student ends his/her formal association with the Institute, a supervisor/co-supervisor may be added on the recommendations of the SRC and DRC/CRC/ScRC, (ii) If a sole supervisor proceeds on leave (for one year or less), the Chairperson SRC may assume as caretaker supervisor to carry out the administrative role of the supervisor. (iii) If a sole supervisor proceeds on leave (for more than one year), the Chairperson DRC/CRC/ScRC in consultation with the supervisor may appoint a co-supervisor for both administrative and academic supervision.
	(3)	Request for change of Supervisor by Student The DRC/CRC/ScRC can consider the request for a change of supervisor, with the consent of the current supervisor and the proposed supervisor. In case this consent is not forthcoming, the issue may be referred to a three-member committee comprising of the Head of Department/Centre/School, Chairperson DRC/CRC/ScRC and Chairperson SRC. The committee shall make every effort to salvage the academic program of the student while ensuring due credits to the current supervisor in publications, patents and thesis. The Head of Department/Centre/School will send the name of new supervisor to the DAA for record. In such cases, if required, the Chairperson, DRC/CRC/ScRC and Head of the Department/Center/School may reconstitute the SRC and intimate it to DAA for record.

Course Credit Requirements	R.4	(1)	Course Credit Requirements for a Ph.D. program															
			Minimum course credit requirements for a Ph.D. program are given in Table 1 below:															
			Table 1: Minimum Course credit requirements for candidacy to Ph.D. program															
			<table><tr><th>SL.NO</th><th>Qualification</th><th>Credit Requirements</th></tr><tr><td>1</td><td>M. Tech./ M. Arch./MURP, or equivalent admitted to any one of the Engineering/ Science/ HSS/ Management, Departments/Centres/School</td><td>Minimum 9 credits of P.G. level theory courses</td></tr><tr><td>2</td><td>M.Sc/M.A./M.B.A. or equivalent, admitted to Science/HSS/Management, Departments/Centres/School</td><td>Minimum 12 credits of P.G. level theory courses</td></tr><tr><td>3</td><td>M.Sc. or equivalent, admitted to any one of the Engineering, Departments/Centres/School</td><td>Minimum 15 credits of P.G. level theory courses</td></tr><tr><td>4</td><td>B.Tech. or equivalent admitted to any one of the Science/ Engineering/HSS/ Management, Departments/ Centres/School</td><td>Minimum 24 credits of P.G. level theory courses.</td></tr></table>	SL.NO	Qualification	Credit Requirements	1	M. Tech./ M. Arch./MURP, or equivalent admitted to any one of the Engineering/ Science/ HSS/ Management, Departments/Centres/School	Minimum 9 credits of P.G. level theory courses	2	M.Sc/M.A./M.B.A. or equivalent, admitted to Science/HSS/Management, Departments/Centres/School	Minimum 12 credits of P.G. level theory courses	3	M.Sc. or equivalent, admitted to any one of the Engineering, Departments/Centres/School	Minimum 15 credits of P.G. level theory courses	4	B.Tech. or equivalent admitted to any one of the Science/ Engineering/HSS/ Management, Departments/ Centres/School	Minimum 24 credits of P.G. level theory courses.
			SL.NO	Qualification	Credit Requirements													
1	M. Tech./ M. Arch./MURP, or equivalent admitted to any one of the Engineering/ Science/ HSS/ Management, Departments/Centres/School	Minimum 9 credits of P.G. level theory courses																
2	M.Sc/M.A./M.B.A. or equivalent, admitted to Science/HSS/Management, Departments/Centres/School	Minimum 12 credits of P.G. level theory courses																
3	M.Sc. or equivalent, admitted to any one of the Engineering, Departments/Centres/School	Minimum 15 credits of P.G. level theory courses																
4	B.Tech. or equivalent admitted to any one of the Science/ Engineering/HSS/ Management, Departments/ Centres/School	Minimum 24 credits of P.G. level theory courses.																
Note:																		
(a) All students need to earn 02 additional credits for Seminar.																		
(b) Students can take at most ONE Self-study theory course/NPTEL course of PG level as approved by the SRC.																		

(2) **Course Credit Requirements for Double Degree (Two-degrees) Ph.D. and M.Tech./M.Sc./MURP/M.Arch./ M.Des./MBA**

Minimum course credit requirements for Double Degree (Two-degrees) Ph.D. and M.Tech./M.Sc./MURP/M.Arch./M.Des./MBA program are given in Table 2. These course credit requirements also encompass the credit requirements for Ph.D. program candidacy.

Table 2: Minimum Course credit requirements for Double Degree (Two-degrees) Ph.D. and M.Tech./M.Sc./MURP/M.Arch./M.Des./MBA program

SL.NO	Qualification	Credit Requirements
1	M. Tech./ M. Arch./MURP, or equivalent, M.Sc/M.A./M.B.A. or equivalent, admitted to any one of the Engineering/ Science/HSS/Management, Departments/Centres/School	Minimum 40 credits of P.G. level theory courses
2	B.Tech. or equivalent admitted to any one of the Science/ Engineering/HSS/ Management, Departments/ Centres/School	Minimum 50 credits of P.G. level theory courses.

Note:

- (a) All students need to earn 02 additional credits for Seminar.
- (b) Students can take at most ONE Self-study theory course/NPTEL course of PG level as approved by the SRC.

(3) **Course Credit Requirements: Candidates under Extensive Professional Experience (EPE) category**

The credit requirements will be applicable for EPE students as per their qualifying degree given in Table 3. On the recommendation of the SRC, the candidate can complete the credit requirements in the form of Project for Professionals (08 credits)/ Thesis for Professionals (16 credits) and NPTEL PG courses and/or Self-study PG courses. The project/thesis credits can be completed across the semesters, within the stipulated period of candidacy. The seminar of 02 credits is essential. There is no minimum residency requirement for such students.

Table 3: Minimum Course credit requirements for candidacy to Ph.D. program under EPE Category

SL.NO	Qualification	Credit Requirements	Mode of Credit Completion
1	M. Tech./ M. Arch./MURP, or equivalent admitted to any one of the Engineering/ Science/HSS/ Management, Departments/ Centres/School	Minimum 9 credits of P.G. level theory courses	In the form of Project for Professionals (08 credits) and remaining credits in the form of NPTEL PG courses and/or Self-study PG courses.
2	M.Sc/M.A./M.B.A. or equivalent, admitted to Science/HSS/ Management, Departments/ Centres/School	Minimum 12 credits of P.G. level theory courses	
3	M.Sc. or equivalent, admitted to any one of the Engineering, Departments/ Centres/School	Minimum 15 credits of P.G. level theory courses	
4	B.Tech. or equivalent admitted to any one of the Science/Engineering/HSS/ Management, Departments/ Centres/School	Minimum 24 credits of P.G. level theory courses	In the form of Thesis for Professionals (16 credits) and remaining credits in the form of NPTEL PG courses and/or Self-study PG courses.

Note: All students need to earn 02 additional credits for Seminar.

		(4)	Minimum CGPA and Probation Students shall register for all the courses recommended by the SRC and earn a minimum of 7.00 CGPA. Technical Communications, Communication skills, Language Courses and Project/Lab courses shall not be counted towards the minimum course credits and the calculation of CGPA. The candidate should secure an Audit Pass (AP) grade for an audit course. A candidate with less than 7.00 CGPA shall be allowed to take up more courses in the following semester while keeping the maximum duration for completing the candidacy requirements unchanged, and in this case, courses with best grades will be considered. However, academic records will remain unchanged. Ph.D. students are allowed to take additional courses as audit/credit courses even after completion of the candidacy.
Relaxation in Course Credit Requirement	R.5	(1)	Students who have completed extra course credits in qualifying degree, as enumerated below can request for relaxation in course credits. The SRC may recommend such requests for the consideration of the DAA. (a) B.Tech. with Minor Specialization/Honours Courses Relaxation in course credit requirements, up to a maximum of 6 credits, may be considered for students who have completed B.Tech. degree with Minor Specialisation/Honours Courses. The SRC should examine the courses claimed as extra P.G. level credits with respect to the contact hours, content and their relevance to the student's current research. Courses/credits earned during on job training shall not be considered for relaxation in course credit requirements. (b) Master's Degree Relaxation in course work requirement may be considered if a candidate registers for the Ph.D. program within two years from the completion of respective Master's Degree. (i) A Candidate who has completed the M.Tech./IDD/M.Sc/M.Arch/MURP/MBA/IMS/IMT/ M.Des. program from IIT Roorkee can request for

			relaxation of a maximum of 9 credits of P.G. level courses earned during these programs (other than project, dissertation and labs) towards fulfilment of her/his course requirement for the Ph.D. program on the recommendation of the SRC and approval of the DAA, provided these credits were in excess of the minimum requirement for the said degree. (ii) On the recommendation of SRC, relaxation in course work may be admissible to a candidate who has completed Ph.D. course work from IISc/IISERs/IIMs, or other IITs with a CGPA 7.0 or more on a 10-point scale, provided the candidate is admitted to the Ph.D. program at IIT Roorkee within 18 months of completing such courses. Such candidate must complete 02 credits Seminar, comprehensive examination and Research Proposal for Candidacy at IIT Roorkee. (iii) On the recommendation of SRC, full exemption from course credits is admissible for candidates who have completed M.Tech./M.Arch./MURP/M.Sc./MBA from IITs, IISc, IISERs, or IIMs with CGPA 8.50 or more on a 10 point scale and are admitted in the relevant stream or discipline. Such candidate must complete 02 credits Seminar, comprehensive examination and Research Proposal for Candidacy at IIT Roorkee.
Candidacy for Ph.D.	R.6	(1)	A student shall be admitted to candidacy for Ph.D. after the successful completion of the following: (a) Required coursework and seminar credits with a CGPA of at least 7.00 (b) Comprehensive examination with minimum 7.00 grade point. (c) Approval of the research proposal. The report on the candidacy will be communicated by the SRC to the DAA for consideration.
		(2)	Comprehensive Examination The comprehensive examination is designed to test the comprehension of student in the broad subject area of research. The syllabus for comprehensive examination shall be defined by the SRC. Departments/Centres/Schools shall have clearly defined procedure regarding the format and evaluation of the comprehensive

			examination in respective specializations. Candidate can avail up to a maximum of two attempts to clear the comprehensive examination. However, the minimum duration between the two attempts should be at least one month.															
		(3)	Duration for completing Candidacy requirements The maximum duration for completing candidacy requirements from the date of initial registration shall be as follows: Table 4: Maximum duration for completing candidacy <table><tr><th>SL.NO</th><th>Qualification</th><th>Duration for Candidacy</th></tr><tr><td>1</td><td>M. Tech./ M. Arch./MURP, or equivalent admitted to any one of the Science/Engineering/HSS/Management, Departments/Centres/School</td><td>18 months</td></tr><tr><td>2</td><td>M.Sc/M.A./M.B.A. or equivalent, admitted to Science/HSS/Management, Departments/ Centres/School</td><td>18 months</td></tr><tr><td>3</td><td>B.Tech./M.Sc. or equivalent, admitted to any one of the Engineering, Departments/Centres/School</td><td>24 months</td></tr><tr><td>4</td><td>B.Tech. or equivalent admitted to any one of the Science/Engineering/HSS/ Management, Departments/ Centres/School</td><td>24 months</td></tr></table> In case a student is unable to complete the candidacy requirement within the stipulated period, a three-month extension, on the recommendation of the SRC and DRC/CRC/ScRC, may be given by DAA and a further three-month extension may be granted by IRC. However, requests for such extensions must be submitted to the Academic Affairs Office at least ONE month in advance.	SL.NO	Qualification	Duration for Candidacy	1	M. Tech./ M. Arch./MURP, or equivalent admitted to any one of the Science/Engineering/HSS/Management, Departments/Centres/School	18 months	2	M.Sc/M.A./M.B.A. or equivalent, admitted to Science/HSS/Management, Departments/ Centres/School	18 months	3	B.Tech./M.Sc. or equivalent, admitted to any one of the Engineering, Departments/Centres/School	24 months	4	B.Tech. or equivalent admitted to any one of the Science/Engineering/HSS/ Management, Departments/ Centres/School	24 months
SL.NO	Qualification	Duration for Candidacy																
1	M. Tech./ M. Arch./MURP, or equivalent admitted to any one of the Science/Engineering/HSS/Management, Departments/Centres/School	18 months																
2	M.Sc/M.A./M.B.A. or equivalent, admitted to Science/HSS/Management, Departments/ Centres/School	18 months																
3	B.Tech./M.Sc. or equivalent, admitted to any one of the Engineering, Departments/Centres/School	24 months																
4	B.Tech. or equivalent admitted to any one of the Science/Engineering/HSS/ Management, Departments/ Centres/School	24 months																
Performance Monitoring	R.7	(1)	A Ph.D. student shall submit a progress report in every semester, and deliver a Progress and Performance Presentation once every year till the submission of the thesis. The annual Progress and Performance Presentation should include the work done so far and highlight the progress made in the one-year period since the last Progress and Performance Presentation.															

			The SRC shall evaluate the progress and communicate it to the Academic Affairs Office. Performance of a student in each semester, after the candidacy is approved, shall be in terms of units. (i) If a Ph.D. student who has not completed candidacy requirements gets two consecutive unsatisfactory progress reports, his/her academic registration will stand cancelled. A warning will be issued to a student by the Academic Affairs Office after his/her first unsatisfactory progress report. (ii) A full-time (part-time) Ph.D. student who has completed candidacy requirements shall register every semester for 6 units (4 units for part-time) for the thesis work to be evaluated by the supervisor(s). For each unit, the grade earned shall be either Satisfactory or Unsatisfactory. A warning will be issued by the Academic Affairs Office to the student if he/she accumulates 6 Unsatisfactory units. If a student accumulates 12 Unsatisfactory units, then his/her academic registration in the program will stand cancelled.
Submission of Thesis	R.8	(1)	Thesis Submission The thesis shall contain a critical account of the candidate's research. It should be characterized by discovery of facts or fresh approach towards interpretation of facts and theories or significant contribution to knowledge or development of innovative products and technologies or a combination of these. It should bear evidence of the candidate's capacity for analysis and judgment as well as his/her ability to carry out independent investigation, design or development. The student should have published (or, accepted for publication) at least two papers, out of which at least one paper from the thesis work should be in a peer reviewed journal of repute. A patent filed and published from the thesis work carried out during Ph.D. program should be considered equivalent to a published paper. In case the patent is published with a group of students, the first among them in order of authors shall

		be entitled to claim the credit. If a researcher starts a scientific spin-off which is incubated at IIT Roorkee, he/she can take benefit of this start-up towards completion of Ph.D. requirements in the following way: (i) The founder, through his/her SRC, will propose to form a committee to Dean SRIC for consideration through ADII, consisting of the SRC and two experts. The committee, as approved by the Dean, SRIC, will consider and submit its recommendations on submission of the Ph.D. thesis without research paper publications. The Dean, SRIC will consider the report of this committee on equivalence of research paper publications. The recommendations of the Dean, SRIC will be sent to DAA for consideration. (ii) In case two or more students, OR a student with a faculty jointly incubate a start-up, only one student, as recommended by the committee, shall be entitled to claim credit. The thesis shall be written in English in the specified format. The specifications of the thesis are given in Appendix-B. The supervisor(s) shall convene a meeting of the SRC when the research work is complete, the student has earned at least 24 Satisfactory units, and a draft of the thesis is ready. The student shall submit a draft copy of the thesis to the SRC members at least 7 days prior to the scheduled Final SRC Meeting. The student will present his/her research work to the SRC and if the SRC approves it for submission, the SRC will send its recommendation to the DAA along with a list of potential examiners. The supervisor may check the availability of potential examiners before the SRC meeting and should take into consideration the following points while finalizing the panel of examiners: (i) Any person related to the candidate or supervisor(s) should not appear in the panel of examiners. (ii) Any examiner on the panel should not be a co-author, collaborator, or co-supervisor of the student, and should be an established researcher.
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		(iii) The recommended panel of examiners would include a substantial representation from institutions across the globe. Any person working in the laboratory(ies)/institution(s) where the research scholar or co-supervisor(s) from outside the institution, if one, is employed, cannot however, appear in the panel of examiners. (iv) The examiners on the panel should have a Ph.D. degree and should preferably be at the level of Professor/Associate Professor or equivalent. The student should submit the thesis within four months of the Final SRC meeting. However, in case a candidate fails to submit his/her thesis within the stipulated time and has an appropriate justification for the same, the DAA may, on the recommendations of the SRC and DRC/CRC/ScRC and, on individual merits of each case, grant him/her extension in time beyond four months. However, no further extension will be given beyond 8 months for the submission of thesis. The external examiner can participate in the viva-voce examination through a digital communication medium with the prior approval of the DAA.
	(2)	Minimum Duration for Thesis Submission The minimum working period for the submission of thesis for a full-time Ph.D. student is two years from the date of candidacy. For a part-time student the minimum working period for the submission of thesis shall be three years from the date of candidacy. Furthermore, the student must have received a minimum 24 satisfactory units in the progress and performance Reports for the semester completed after fulfilling the candidacy requirements.
	(3)	Maximum Duration for Thesis Submission The maximum period for the submission of thesis shall be five years for full-time students, and six years for part-time students from the date of initial registration. If a student has converted his/her status from full-time to part-time before five years, the maximum duration for thesis submission shall be same as a part-time student. The DAA may extend this limit by six months on the recommendations of the SRC and DRC/CRC/ScRC. Further extension by six months may be considered by the IRC on the recommendations of the SRC and DRC/CRC/ScRC.

Evaluation and Defense of Thesis	R.9	(1)	The thesis shall be sent to three examiners for evaluation, and if any two out of three examiners recommend acceptance of the thesis, the student shall be asked to defend his/her thesis in front of the Oral Defense Committee (ODC). The ODC shall consist of the Head of the Department/Centre/School (or nominee), Chairperson SRC, the external examiner and supervisor(s). The DAA shall appoint one of the thesis examiners from which the reports have been received as External Examiner of the ODC. If the ODC for the oral defense of the thesis cannot be conducted within the stipulated time due to unavoidable circumstances, the DAA may appoint the Chairperson of the SRC or another internal expert to conduct the defense. In such cases also, the Ph.D. work will be deemed to have been carried out under the guidance of the supervisor(s) only. Before the thesis defense, the student shall consider the comments of the examiners and submit a detailed response for the consideration of the ODC. In case major revisions are required, the revised thesis should be submitted within one year. The ODC shall communicate its recommendations to the DAA. Evaluation of a thesis shall be as per the rules in force at the time of the submission of the thesis. A candidate shall not be permitted to resubmit the thesis more than once.
Leave, Assistantship and Semester Withdrawal	R.10	(1)	Leave A full-time Ph.D. student should be present in the campus except when on authorized leave. He/she will be entitled to casual leave for 8 days, vacation leave for 15 days, and 15 days leave on medical grounds in an academic year. An academic year will be counted from the date of initial registration. Once during the entire program, the Head of the Department/Centre/School, on the recommendation of the thesis supervisor, may sanction additional leave of maximum 15 days. A student is entitled to Assistantship/Fellowship for the sanctioned leave period including periods of maternity leave (180 days) and paternity leave (15 days). The absence beyond the due leaves will be without Assistantship/Scholarship/Fellowship.

		On the recommendation of the Supervisor, duty leave up to a maximum of one year in the entire duration of the program may be granted by the Head of the Department/Centre/School for field trips, to visit other institutions, and to present paper(s) in Seminars/Conferences/Workshops. Requests for duty leave for more than one year will be considered by the IRC. For Dual/Joint degree programs, leave rules will be as per the individual MoU. A proper leave account of each Ph.D. student/candidate shall be maintained by the Department/Centre/School concerned.
	(2)	Assistantship a. Institute Assistantship may be given for total number of 60 months (excluding the withdrawal period) or till the submission of the thesis, whichever is earlier. However, Institute Assistantship for the period from submission of the thesis to the defense of the thesis may be granted by the DAA based on the recommendations of the SRC subject to overall ceiling of Institute Assistantship of 60 months. b. Assistantship/Fellowship shall be released by the Finance and Accounts Section on the recommendation of the Supervisor and Head of the Department/Centre/ School.
	(3)	Semester Withdrawal A student can seek withdrawal from a semester on medical grounds, or under exceptional conditions beyond her/his control. Request on medical ground shall be supported by documents issued by the Institute hospital, or issued by a certified medical practitioner and vetted by the Institute Chief Medical Officer. Such requests shall be considered by the DAA. A student may, temporarily, withdraw from his/her Ph.D. Program after the due recommendations of the SRC and DRC/CRC/ScRC, and approval of the DAA. Temporary withdrawal may be granted for up to one year (two semesters). Further extensions may be considered by the IRC on the recommendations of the SRC and DRC/CRC/ScRC. The period of temporary withdrawal will not be counted, when counting the number of semesters

			completed by the Ph.D. student in the program. Withdrawal will not be granted retrospectively. Institute Assistantship shall not be given during the withdrawal period. However, the Institute Assistantship may be given for total number of 60 months (excluding the withdrawal period) or till the submission of the thesis, whichever is earlier. However, Institute Assistantship for the period from submission of the thesis to the defense of the thesis may be granted by the DAA based on the recommendations of the SRC subject to overall ceiling of Institute Assistantship of 60 months.
Cancellation of Registration	R.11	(1)	Registration of a student may be cancelled if: (a) He/she is found to have falsified any document at any point of time; (b) He/she fails to register in a semester; (c) He/she fails to meet the minimum required academic performance; (d) He/she is found to be involved in an act of misconduct.
Unfair means and Plagiarism	R.12	(1)	(a) All Ph.D. thesis should go through a similarity check and an Artificial Intelligence (AI) usage check using appropriate software. With the help of supervisor, the candidates should address the similarities flagged by the software which merit corrective action. (b) The guidelines as shown in Appendix-C shall be applicable for checking plagiarism. (c) In case a student is found adopting or suspected of adopting unfair means before, during and after the examination or lifting of some other's work(s) and inserting it in his/her project, seminar and Thesis etc., without proper acknowledgment, credit and reference or plagiarizing the Thesis/project report etc., such penal action shall be taken by the Institute as may be necessary to uphold the sanctity and integrity of the examination system and the credibility of the Institute. (d) All such cases may be taken suo-moto cognizance of by the Institute Standing Committee (ISC) appointed by the Senate for this purpose. Such cases may also be reported by examiners/ invigilators/supervisor(s)/Chairperson, DRC/CRC/ ScRC or any individual to Dean of Academic Affairs and/or the Institute Standing Committee for consideration. General instructions for penal action

			for use of unfair means and plagiarism are given in Appendix-D. After giving an opportunity to the concerned student(s) to explain the conduct or defend against the charge, the Chairperson, Senate on the recommendation of Institute Standing Committee shall take action and impose appropriate penalty on the concerned research student(s), including cancellation of registration or award of F Grade in the concerned course(s) etc. (e) Any case pertaining to purported resorting to unfair means/plagiarism before and after the examination/Dissertation etc. shall be dealt with by the Institute Standing Committee for dealing with the offence/case. The penalty in such cases of unfair means/plagiarism which have been found to be true and (i) Which have occurred before or after the examination, or partly before and during or during and after the examination. (ii) Which have been detected after the examination/declaration of the result/award of the degree. (iii) Which have been reported or detected after a research paper research report/note/communication has been published in a Research Journal/widely circulated magazine /proceedings of conferences/seminar or a monograph or a book, and or any electronic device, shall be recommended by the appropriate committees of the Department/ Institute Standing Committee, as the case may be. The imposition of any such penalty shall be at the discretion of the Director, who, after considering the full facts and the report on the matter (i) may impose the same penalty, (ii) may reduce the penalty, or (iii) may enhance the penalty as recommended by the committee.
Exit Certificate	R.13	(1)	If a student wishes to exit the program, the exit certificate will be available to a student only after she/he completes a minimum period of one of year in the program after candidacy. Such a candidate shall be eligible for an MS by Research degree, provided she/he successfully defends her/his MS-Thesis in a presentation before the SRC. If a candidate is unsuccessful in the viva-voce, yet wishes to leave the programme, she/he may be awarded a Certificate on the recommendation of the SRC.

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

Notification

No. IITR/PG Admn./2021/ 2782

Dated: March 15, 2021

The senate approved guidelines vide item no. 74.11 and further revision in eligibility criteria vide item no. 86.8 towards Ph.D. admission under Extensive Professional Experience are given below:

1. Candidates working only in government organizations/laboratories, PSUs, and reputed companies should be considered.
2. Eligibility criteria should be as follows:
Candidate having M.Tech. / M.Arch. / M.U.R.P. / M.Pharm. / MS (Research) / Post-Graduate degree in Medical Sciences / Equivalent degree with at least 12 years of professional experience.

OR

Candidate having B.Tech./ B.Arch./ MBA / M.Sc. / B.Pharm / Graduate degree in Medical Sciences / equivalent degree with at least 14 years of professional experience.

3. Candidates should have demonstrated research potential through research papers in reputed journals / patents / technology transfer.
4. The Pre PhD course credit requirement would be as per the current practice for Part-Time candidates.
5. The credit requirement as recommended by the SRC, can be completed in the form of project/dissertation/seminar, NPTEL online courses.
6. There would be no residency requirements for such candidates.
7. Applications in this category can be made throughout the year to the office of Head of the concerned Department. The application should clearly mention the preferred area of work and choice of supervisor (if any). The candidate would be asked to give a presentation of his professional credentials in the concerned Department. The Head of the Department will seek inputs on the application from the faculty members working in the concerned area. The name of the proposed supervisor along with the recommendations of extended DRC (with faculty members of the same specialization as special invitees) should be sent to the office of DAA.

The selection would be recommended on the basis of interaction by the following 3-member committee:

- | | | |
|-------------------------------------|---|----------|
| 1. Dean Academic Affairs | - | Chairman |
| 2. Dean SRIC | - | Member |
| 3. Head of the concerned Department | - | Member |

The final approval on the recommendations will be accorded by the Chairman, Senate.

The details of the Ph.D. admission procedure under 'Extensive Professional Experience Scheme' are given below:

1. The candidate needs to submit their application to the HoD / HoC in which he / she wants to pursue the Ph.D. study. The application should include identified/proposed area of research work, facilities for carrying out the research work, etc.

The following documents should be attached with the application letter:

- a. NOC from the parent organization / institute.
 - b. Detailed resume with qualification and experience.
 - c. Self-attested copy of all the educational qualification.
 - d. Copy of the papers published in the reputed journals, if any.
 - e. Details and copy of the Patents (s) or application submitted for Patentship, if any.
 - f. Documents related to Transfer of Technology (TOT), if any.
 - g. Service particulars of the candidate from the present organization and previous organization(s), if any issued in the official letter-head. Service particulars should incorporate yearwise details of designation / post(s) held by the candidate.
2. Candidates shall be called by the concerned Department / Centre for presentation before the extended department Research Committee (DRC) / Centre Research Committee (CRC). Presently, online presentation can be conducted.
 3. On recommendation of the said DRC / CRC, the candidate will be required to appear for Interaction before the designated committee.
 4. Offer letter for Ph.D. admission shall be issued after the final approval of the competent authority.

SPECIFICATIONS FOR THESIS

1. The thesis shall be typed or printed on 21cm x 28cm size paper 100 gsm. No handwritten thesis will be accepted.
2. The thesis shall be typed on both side with 1.5 spacing with a margin of 3.5 cm on the left 2.5 cm on the top and 1.25 cm on the right and bottom.
3. The thesis must contain the following copyright certificate in the beginning of the thesis, on a separate page on the left side:
© INDIAN INSTITUTE OF TECHNOLOGY ROORKEE, 20_ ALL RIGHTS RESERVED
4. Thesis Title must be in Capital words: Font size 12 (Bold) Times New Roman (As per the specified format).
5. The title page of the thesis must include the student's name and enrollment number, formatted as per the prescribed guidelines. The remaining sections of the thesis should follow the sequence outlined below:
 - The declaration by the candidate and the supervisor(s).
 - Abstract of the thesis not exceeding 1500 words.
 - Acknowledgement
 - List of abbreviations (if any)
 - Table of contents
 - List of Figures and Tables (if any)
 - Chapters of the Thesis
 - References
 - Appendix (if any)
6. The list of references should preferably be in alphabetic order of the authors' names. These references should be listed giving (i) the author's name and his initials (ii) the title of the paper and the name of the journal (iii) the name of the book and the publisher (iv) the number of volume, page numbers and the year of publication. Standard abbreviations may be used in the names of the journals.
7. The diagrams should be legible and printed on a light background. Tabular matter should be clearly arranged. Decimal points may be indicated by a full-stop.
8. The thesis shall be spiral bound at the time of initial submission.
9. After the viva-voce examination the thesis shall be submitted in hard bound. The thesis shall be bound in card sheet paper of 18.6 kg. ream weight of cover page with soft binding (size 22 cm x 29 cm) in green colour. The name of the candidate, the degree and the year shall be printed in bold on the cover and in gold on the bound edge (As per the specified format).

Note: Soft copy of the thesis on AIS Portal should also be submitted after final viva-voce examination.

GUIDELINES FOR CHECKING PLAGIARISM

1. Exclusion of material while checking

- (a) All quoted material.
- (b) Matches up to 20 words.
- (c) All material (e.g. figures/images and tables) used with the permission of the original source.
- (d) Material published by students from the thesis/dissertation.
- (e) Bibliography.

2. Acceptance Levels

- (a) Introduction and Literature review portion: commonality up to 20% may be accepted.
- (b) Remaining material (e.g. Methodology, Results, Discussion, Conclusion and future research): commonality up to 10% may be accepted.
- (c) Overall similarity index should normally not exceed 20%.

INSTRUCTION FOR PENALTY FOR USE OF UNFAIR MEANS

1. Reporting and Handling of Unfair Means Cases

- (a) Any contravention of the instructions printed on the cover page of the answer book or informed in the examination hall by the invigilators or the use of any unfair means to write the answer will render the student liable for penal provisions.
- (b) In case of unfair means being suspected by the invigilator, the reporting to the Dean of Academic Affairs will be carried out as per form UF-0 and the student will be allowed to complete the examination in the same answer script. Marking may be made in the answer script up to which the student has already written the answers when use of unfair means was reported.
- (c) A Committee appointed by the Director shall enquire into cases of reported use of unfair means during the examination. The student will be given an opportunity to present his/her case before the committee. The committee shall decide the level of the offence (as per the Table) and submit its recommendation to the Director for consideration.

2. Penal Provisions for Using Unfair Means

Severity of Offence	Details	Offence	
Level 1	During the examination, if a student is found verbally communicating with another student inside or outside the examination hall.	If the student continues to talk after the first warning given by the faculty / invigilator in the same examination, the student may be stopped from writing for 15 minutes per offence by taking the answer sheet. If the student repeats it more than three times, then the answer sheet be taken and the student be asked to leave the examination.	
Level 2	(a) A student is found carrying prohibited item(s). * Or found transferring matter from any source	Offence-I Zero marks to be awarded to the student in the concerned course component examination	Offence-II If a student is caught carrying prohibited items repeatedly during any of the examination in a semester, then the student be given a course backlog in all the exams in which the student was caught carrying such items.
	(b) Answer Script carried out of the examination room during or after the examination.	Backlog to be awarded in that course.	Semester Backlog i.e. the running semester will be dropped if the student repeats it in the examination of other courses too.
Level 3	Impersonation (Identity Mismatched)	- Semester Backlog in the running semester for both students. - If the impersonating student is not a student of the Institute, than an FIR may be lodged.	Expulsion from the Institute.

- ❖ Prohibited items include chits, electronic gadgets like tablets, mobile phones, smartwatches, earbuds, etc. (Not applicable to the exams conducted as Computer Based Test, subjective Communicated to DAA).
- ❖ If mobile phone of a student is found in the premises of Lecture Hall Complex, it will be treated as Unfair means offence of Level-2.
 - Cases not covered above to be dealt by the Standing Committee of Unfair Means.
 - The severity of the offence (Level 2 or 3) will be decided by the committee based on the facts available.

Note: If the student repeats the offence beyond the 2nd offence the case would be considered under the offence of immediate next level. The levels are:

Actions during the Examination	Actions after the Examination
- Barring student to write for 15 minutes - Asking student to leave the examination room	- Zero marks awarded in the concerned examination - Backlog in the concerned course - Backlog in the ongoing semester - Expulsion from the Institute

UF-0

**UNFAIR MEANS USAGE REPORTING FORM
INDIAN INSTITUTE OF ROORKEE**

**PART - A
(To be filled by the Invigilator)**

Note: A separate sheet should be used for each student.

1. Examination: **MTE / ETE / PRS** (strike through whichever is not applicable)
2. Enrolment No. of the student.....
3. Name of the student
4. Course Code Course Name
5. Day.....Date.....Time.....Location.....
6. Student is caught under Level:
☐ Level I: During the duration of examination, if a student is found verbally communicating with another student inside or outside the examination hall.
☐ Level II: a) A student is found carrying prohibited item(s).
☐ Level II: b) Answer Script carried out of the examination room during or after the examination.
Level III: Impersonation (Identity mismatched)
7. Proof attached along with brief description:

.....
.....
.....
.....

Date	(Signature of the	(Signature of the	Invigilator-
Time	Invigilator-I)	II/witness)	
	Name of the invigilator-I	Name of the invigilator-II/witness	

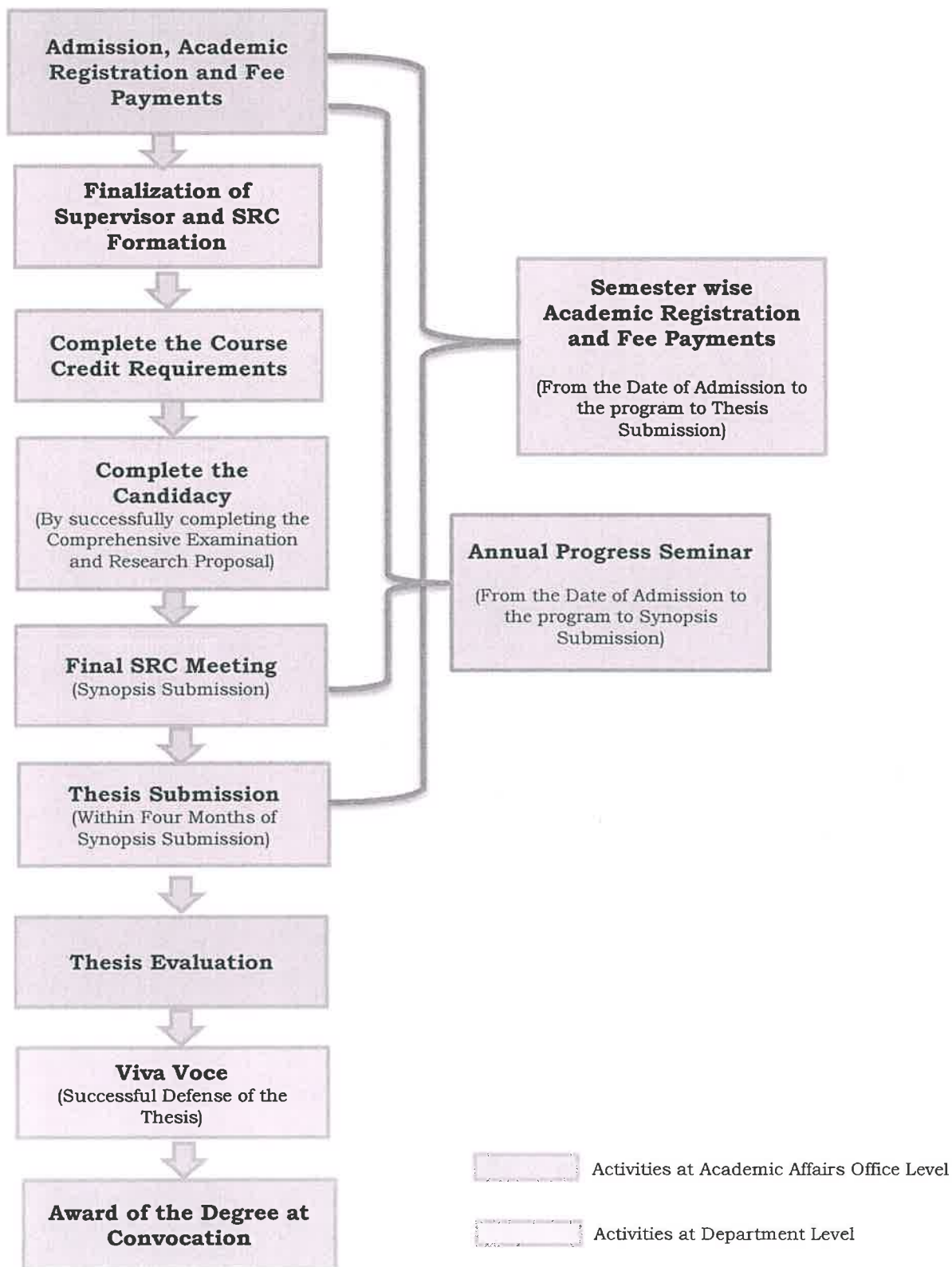
**PART - B
(To be filled by the student after the submission of the answer script at the end of the examination)**

1. Response of the student:

.....
.....
.....

Date.....	(Signature of the student)	(Signature of the
Time.....	Enrolment No.:	Invigilator)

Academic Journey of a Ph.D. Scholar at IIT Roorkee: A Snapshot



For more details, please refer to the Ph.D. Ordinance and Regulations

Appendix 'C'
Item No. Senate / 107.8

Award of Ph.D. Degrees to 35 Research Scholars for the Academic Year 2025–26								
Sl. No.	En.No.	Name	Department	Topic	Supervisor	Co-Supervisor	Date of Defence	Date of PDC (Approved by DoAA)
1	20916010	MADHAV DUBEY	Humanities and Social Sciences	FROM ANTICIPATION TO ADJUSTMENT: TRACING THE TRAUMA OF DISPLACEMENT IN SELECT SOUTH ASIAN NARRATIVES	Prof. Nagendra Kumar		29.08.2025	09.09.2025
2	16914008	MOHD TAUHID ALAM	Electrical Engineering	STATE AND LINE PARAMETER ESTIMATION IN THREE PHASE DISTRIBUTION SYSTEM	Prof. Biswarup Das		25.08.2025	28.08.2025
3	19910002	ASHISH DABRAL	Civil Engineering	EXPERIMENTAL STUDY ON HYDRAULICS OF TRENCH WEIR WITH AN UPSTREAM RAMP	Prof. Pramod Kumar Sharma	Prof. Zulfequar Ahmad	20.08.2025	08.09.2025
4	19914003	ASHISH KUMAR SHAKYA	Electrical Engineering	CONTROL OF FREE LIQUID SURFACE MOTION USING REINFORCEMENT LEARNING	Prof. Sohom chakrabarty	Prof. G. N. Pillai	29.08.2025	08.09.2025
5	19912024	SOM NATH	Earth Sciences	MICROSCOPIC, MINERALOGICAL AND ROCK MASS CHARACTERIZATION OF BLAST-INDUCED DAMAGE ZONE & ITS APPLICATIONS IN STABILITY OF EXCAVATED ROCK MASSES	Prof. Nachieta Rai	Prof. Harsh Kumar Verma	01.09.2025	09.09.2025
6	19912005	MANJU SATI	Earth Sciences	GENESIS OF GOLD MINERALIZATION IN PARAMANAHALLI, CHITRADURGA GREENSTONE BELT, WESTERN DHARWAR CRATON, PENINSULAR INDIA	Prof. Krishnamurti	Prof. Sakthi Saravanan Chinnasamy	25.08.2025	09.09.2025

Sl. No.	En.No.	Name	Department	Topic	Supervisor	Co-Supervisor	Date of Defence	Date of PDC (Approved by DoAA)
7	18916026	ARUN KUMAR YADAV	Humanities and Social Sciences	RETHINKING THE SOCIO-CULTURAL IDENTITY OF SANTHAL ADIVASI THROUGH THE IDEA OF POWER AND HEGEMONY IN SELECT WRITINGS OF H.S. SHEKHAR AND REJINA MARANDI	Prof. Rasmi Gaur		04.09.2025	09.09.2025
8	19907004	SUNIL KUMAR MAURYA	Centre for Transportation Systems	MODELING OF HUMAN BOUNCING AND JUMPING FORCES ON RIGID FLOOR	Prof. Anil Kumar		20.08.2025	08.09.2025
9	20910028	SHUBHAM CHAJED	Civil Engineering	ACOUSTIC SIGNATURE AND MICROSTRUCTURE BASED STUDY OF HIMALAYAN SANDSTONES	Prof. Aditya Singh		16.09.2025	19.09.2025
10	19915003	ANKIT GAURAV	Electronics and Communication Engineering	BRAIN-INSPIRED COMPUTING USING NOVEL TRANSISTORS	Prof. Sanjeev Manhas	Prof. Partha Pratim Roy Prof. Merlyne de Souza (UK)	27.08.2025	18.09.2025
11	20903015	SHALJA VERMA	Biosciences and Bioengineering	STRUCTURE-BASED STUDIES OF ENZYMES INVOLVED IN THE BIODEGRADATION OF PLASTICIZERS AND PLASTICS	Prof. Pravindra Kumar	Prof. Jitin Singla	17.09.2025	22.09.2025
12	19914013	ROHIT KUMAR RASTOGI	Electrical Engineering	DESIGN AND DEVELOPMENT OF CONTROLLERS FOR DC MICROGRID	Prof. Manoj Tripathy		28.08.2025	22.09.2025
13	19916016	ARUNAVA ACHARYA	Humanities and Social Sciences	"THE EYES OF THE WORLD ARE UPON YOU": READING ALTERNATE HISTORY IN A POST-TRUTH WORLD	Prof. Smita Jha		26.08.2025	24.09.2025

Sl. No.	En.No.	Name	Department	Topic	Supervisor	Co-Supervisor	Date of Defence	Date of PDC (Approved by DoAA)
14	20910010	CHINTADA CHANDRASEKHAR	Civil Engineering	DEVELOPMENT OF SUSTAINABLE ENGINEERED CEMENTITIOUS COMPOSITES: A STUDY ON MATERIALS OPTIMIZATION, STRUCTURAL PERFORMANCE, AND APPLICATION IN REFLECTIVE CRACK MITIGATION	Prof. G.D Ransinchung R.N		23.09.2025	29.09.2025
15	18920011	CHIRAG PANWARIYA	Mechanical and Industrial Engineering	ABNORMAL GRAIN GROWTH IN FRICTION STIR WELD JOINT OF 7075 ALUMINUM ALLOY	Prof. D.K. Dwivedi		25.09.2025	27.09.2025
16	17921020	SUMIT BHAN	Metallurgical and Materials Engineering	DEVELOPING B2 STRENGTHENED LIGHT-WEIGHT STEEL WITH EXCELLENT DUCTILITY	Prof. Sourav Das	Prof. Sadhan Ghosh	12.09.2025	27.09.2025
17	18909019	MEGHA	Chemistry	SYNTHESIS OF CARBO- AND HETEROCYCLES TETHERED DIARYLMETHANES THROUGH 1,6-CONJUGATE ADDITION REACTIONS TO para-QUINONE METHIDES	Prof. R.K. Peddinti		12.09.2025	27.09.2025
18	21918014	PRASHANT GIRI	Management Studies	IMPACT OF MARKET-BASED INSTRUMENTS FOR ENERGY EFFICIENCY IN DECARBONIZING INDUSTRIAL OPERATIONS	Prof. Tarun Sharma		19.09.2025	27.09.2025
19	19923004	ANCHAL MEENA	Humanities and Social Sciences	WRITING RESISTANCE: MEMORY, IDENTITY, AND TRAUMA IN SELECT ROMA NARRATIVES	Prof. Smita Jha	Prof. Sanjit Kumar Mishra	28.08.2025	27.09.2025

Sl. No.	En.No.	Name	Department	Topic	Supervisor	Co-Supervisor	Date of Defence	Date of PDC (Approved by DoAA)
20	19912018	PIYUSH KUMAR SINGH	Earth Sciences	EFFECT OF MICRO AND MESOSTRUCTURES ON ROCK SLOPE STABILITY ALONG NH-09, BETWEEN GURNA AND CHURNI, KUMAUN HIMALAYA, INDIA	Prof. Sarada Prasad Pradhan		19.09.2025	27.09.2025
21	20926001	ABHINANDA ROY	Water Resources Development and Management	DEVELOPMENT OF FORECAST INFORMED DYNAMIC RULE CURVES USING HYBRID HYDROLOGICAL MODELS	Prof. K. S. Kasiviswanathan		26.09.2025	07.10.2025
22	20909005	AVIJIT BHAKTA	Chemistry	SYNTHESIS OF N, O-CONTAINING HETEROCYCLES AND THEIR BIOLOGICAL EVALUATIONS AS INHIBITORS	Prof. Naseem Ahmad	prof. K.R. Justin Thomas	24.09.2025	08.10.2025
23	20915005	IMTIYAZ AHMAD KHAN	Electronics and Communication Engineering	DESIGN AND ANALYSIS OF GATE ALL-AROUND NANOSHEET 3D DRAM	Prof. Sanjeev Manhas		16.09.2025	07.10.2025
24	19915020	LOMASH CHANDRA ACHARYA	Electronics and Communication Engineering	A RELIABLE AND ROBUST FRAMEWORK FOR ACCURATE TIMING SIGN-OFF OF DIGITAL INTEGRATED CIRCUITS WITH REDUCED DESIGN MARGINS	Prof. Anand Bulusu	Prof. Sudeb Dasgupta	27.09.2025	07.10.2025
25	20909015	SACHIN BALHARA	Chemistry	ELECTROCHEMICAL SYNTHESIS OF AMMONIA FROM NITRATE AND DINITROGEN	Prof. Paritosh Mohanty		06.10.2025	10.10.2025
26	19914010	PRASANTA KUMAR MOHANTY	Electrical Engineering	ARTIFICIAL INTELLIGENCE-BASED OPTIMAL SCHEDULING AND OPERATION OF RENEWABLE-EMPOWERED GRID-CONNECTED EV CHARGING STATIONS	Prof. Premalata Jena	Prof. N. P. Padhy	06.10.2025	10.10.2025

Sl. No.	En.No.	Name	Department	Topic	Supervisor	Co-Supervisor	Date of Defence	Date of PDC (Approved by DoAA)
27	19910026	KUMAR RISHABH GUPTA	Civil Engineering	STUDY OF MULTISPECIES SOLUTE TRANSPORT THROUGH POROUS MEDIA	Prof. Pramod Kumar Sharma		30.09.2025	07.10.2025
28	20909007	CHETAN SAINI	Chemistry	UNVEILING THE TRIPLET HARVESTING POTENTIAL OF NAPHTHALENE IMIDE-BASED EMITTERS FOR ORGANIC LIGHT-EMITTING DIODES: INSIGHTS FROM DENSITY FUNCTIONAL THEORY	K.R. Justin Thomas		03.10.2025	07.10.2025
29	19902007	KARTHIK MOHAN	Architecture and Planning	PERCEPTION OF SAFETY IN PUBLIC PARKS: AN INTEGRATED STUDY IN THE URBAN CONTEXT OF THIRUVANANTHAPURAM	Prof. P. S. Chani		24.09.2025	27.09.2025
30	19908020	SUSMIT CHITRANSH	Chemical Engineering	SUSTAINABLE REMEDIATION OF ACID MINE DRAINAGE THROUGH UTILIZATION OF WASTE MATERIALS AND MICROORGANISMS	Prof. Prasenjit Mondal		03.10.2025	13.10.2025
31	19916002	AMRITHA. R. KRISHNAN	Humanities and Social Sciences	GRAPHIC WOUNDS AND TRAUMA WITNESSING: READING THE ENTANGLEMENT OF CHRONIC ILLNESS AND WOMEN'S HEALTH ACTIVISM IN SELECT GRAPHIC NARRATIVES	Prof. Smita Jha		06.10.2025	13.10.2025
32	19919015	AJAY SHARMA	Mathematics	STABILITY OF PRESSURE-DRIVEN PARALLEL FLOW IN FLUID-POROUS DUCTS	Prof. Premananda Bera		25.07.2025	13.10.2025
33	20915014	SMRITI SINGH	Electronics and Communication Engineering	MACHINE LEARNING ENABLED TECHNIQUES FOR MODELING OF EMERGING GaN DEVICES	Prof. Biplab Sarkar	Prof. Sourajeet Roy	28.07.2025	07.10.2025

Sl. No.	En.No.	Name	Department	Topic	Supervisor	Co-Supervisor	Date of Defence	Date of PDC (Approved by DoAA)
34	18918015	JYOTI JINAGAL KARLOOPIA	Management	DESIGN THINKING IMPLEMENTATION AND ITS IMPACT ON EMPLOYEE ENGAGEMENT AND TURNOVER INTENTION – A CASE OF INDIAN HEALTHCARE SECTOR	Prof. Rajat Agrawa		08.10.2025	13.10.2025
35	20918017	SVAM KUMAR S	Management	EXPLORING THE CONTEXT OF BUY NOW, PAY LATER (BNPL) IN E-RETAILING	Prof. Jogendra Kumar Nayak		12.09.2025	13.10.2025


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