

अभिशासक परिषद्
की पचहत्तरवीं बैठक का कार्यवृत्त

**MINUTES OF THE 75th MEETING
OF THE BOARD OF GOVERNORS**

**21 मार्च 2026
21st MARCH 2026**



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

भारतीय प्रौद्योगिकी संस्थान रूड़की
रूड़की 247 667
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE 247 667



अभिशासक परिषद् भारतीय प्रौद्योगिकी संस्थान रूड़की की दिनांक 21 मार्च 2026 को अपराह्न 04:10 बजे संस्थान के परिषद् कक्ष में हाइब्रिड मोड में आहूत 75वीं बैठक का कार्यवृत्त।

MINUTES OF THE 75TH MEETING OF THE BOARD OF GOVERNORS OF THE INDIAN INSTITUTE OF TECHNOLOGY ROORKEE HELD ON 21ST MARCH 2026 IN HYBRID MODE AT 04:10 P.M. IN THE INSTITUTE BOARD ROOM.

उपस्थित/PRESENT:

- | | |
|--|-----------------|
| 1. Shri Harish Salve | Chairperson |
| 2. Prof. K.K. Pant
Director, IIT Roorkee | Member |
| 3. Lt. Gen. Rana Pratap Kalita
Chairman, 7 th Assam State Finance Commission
Guwahati | Member |
| 4. Smt. Tejaswini Ananth Kumar
Chairperson, BoG
Indian Institute of Engg. Science & Technology, Shibpur | Member |
| 5. Dr. Mangesh V. Joshi
Founder CEO
Sanrachana Structural Strengthening Pvt. Ltd.
Thane, Maharashtra | Member |
| 6. Prof. Onkar Singh
Harcourt Butler Technical University | Member |
| 7. Dr. Harish Gupta
Joint Director (Technical Education)
(on behalf of Additional Chief Secretary to Govt. of Haryana) | Member |
| 8. Prof. Praveen Kumar, IIT Roorkee | Member |
| 9. Prof. Deepak Khare, IIT Roorkee | Member |
| 10. Prof. U.P. Singh
Dy. Director, IIT Roorkee | Special Invitee |
| 11. Mr. Prashant Garg, Registrar, IIT Roorkee | Secretary |

At the outset, the Chairman welcomed the members into the 75th meeting of the Board of Governors with the remark that it is a pleasure for him to be associated with IIT Roorkee. The Chairman then introduced and welcomed the following two new members, as the Senate Nominees, who were attending their first meeting, and wished for their valuable contributions and active participation in the Board meetings:

1. Prof. Praveen Kumar, Department of Civil Engineering
2. Prof. Deepak Khare, Department of Water Resources Development and Management

The Board of Governors also thanked the following outgoing members and placed on record its appreciation for their valuable contributions in the Board meetings:

1. Prof. B.K. Gandhi, Department of Mechanical & Industrial Engineering
2. Prof. N.K. Samadhiya, Department of Civil Engineering

The Chairman then informed the members about India's global innovation debut to be held at Nice, France, from June 14-16, 2026. The event will be a part of the India-France Year of Innovation 2026, and will be inaugurated by the Prime Minister, Shri Narendra Modi. That flagship program will connect HEIs of the Ministry of Education, and will be a proud opportunity for IITs to showcase their deep-tech sustainable startups.

Item No.75.0: To receive an overview report of the Director.

The Director presented a brief overview of new developments and programmes in the Institute since the last meeting held on December 20, 2025. That includes the research activities, technology transfers, patents, awards/recognitions of the Institute, Rethink-The Tinkering Lab – Mega Mela Evaluation, Community Outreach Program including Ganga Canal Cleaning Drive, Pedagogy Workshop for use of AI and AR/VR Tools, various students activities including Inter-IIT Wellness Meet (Sahyog 2.0), various MoUs signed with foreign universities, infrastructural developments, key events at Saharanpur Campus, designated as the Lead Knowledge Institute for SETU Aayog, Driving Transformations through RuTAGe Smart Village Centre, and capacity building program for young women in emerging technology domain on the 500th Birth Anniversary of Rani Abakka Chowta, etc.

The Board appreciated the achievements. The report is given at **Appendix-A.**

The agenda was then taken up.


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Item No.75.1: To confirm the minutes of the 74th meeting of the Board of Governors held on 20.12.2025.

No comments were received; the Board confirmed the minutes as circulated.

Item No.75.2 Actions taken report on the minutes of the 74th meeting of the Board of Governors held on 20.12.2025.

The Board noted the status of actions taken.

Item No.75.3: To ratify the approvals accorded by the Chairman, Board of Governors on behalf of the Board of Governors.

The Board ratified the following approvals accorded by the Chairman:

- (i) Recommendations of the Selection Committees (R/NR) for appointment on the following posts:

(1) Assistant Professor Gr.I / Gr.II

- a. Department of Applied Mathematics and Scientific Computing
- b. Department of Biosciences and Bioengineering
- c. Department of Civil Engineering
- d. Department of Earthquake Engineering
- e. Department of Electrical Engineering
- f. Department of Mechanical and Industrial Engineering
- g. Department of Metallurgical and Materials Engineering
- h. Department of Paper and Packaging Technology
- i. Centre for Nanotechnology
- j. Centre for Photonics and Quantum Communication Technology
- k. Centre for Transportation Systems
- l. Mehta Family School of Data Science and Artificial Intelligence

(2) Visiting Professor

- a. Department of Biosciences and Bioengineering
- b. Centre of Excellence in Disaster Mitigation and Management (CoEDMM)
- c. Centre for Semiconductor Design & Technology
- d. International Centre of Excellence for Dams (ICED)

(3) Professor of Practice

- a. Department of Earthquake Engineering
- b. Department of Electronics and Communication Engineering
- c. International Centre of Excellence for Dams (ICED)

(4) Adjunct Professor

- a. Department of Chemical Engineering

(5) Visiting Faculty

- a. Centre for Photonics and Quantum Communication Technology (CPQCT)

(6) Adjunct Faculty

- a. Department of Polymer and Process Engineering
- (ii) Nomination of Prof. Deepak Khare, Department of Water Resources Development and Management, as a Board Nominee on the Finance Committee of IIT Roorkee for a period of two years w.e.f. 01.01.2026.
- (iii) Authorization of the Director to appoint the Inquiring and Presenting Officers, to initiate disciplinary proceedings under Rule 14 of the CCS Rules.
- (iv) Approval of the audit certificate of the Institute Accounts for the financial year 2024-25, as received from Principal Director of Audit (Central) on 23.01.2026.

Item No.75.4: Matters for the information of the Board of Governors.

The Board noted the following:

- (i) The circulated minutes of the 54th meeting of the Building & Works Committee held on 11.02.2026. (Minutes were available at the BoG meeting)
- (ii) The circulated minutes of the 108th meeting of the Senate held on 18.02.2026. (Minutes were available at the BoG meeting).


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(iii) Nomination of the following two Professors of the Institute as Senate Nominees on the Board of Governors for a period of two years from 1st January 2026 to 31st December 2027:

1. Prof. Praveen Kumar, Department of Civil Engineering
2. Prof. Deepak Khare, Department of Water Resources Development and Management

(iv) The approved audit certificate of the Institute Accounts for the financial year 2024-25 has been submitted to the Ministry of Education on 02.02.2026 for further necessary action.

(v) The following faculty members and Group A officers have joined:

Sr. No.	Name	Designation	Department /Centre	Date of Joining
Faculty				
1	Dr. Bikram Kesharee Patra	Asstt. Prof. Gr.-II	ICED	09.01.2026
2	Dr. Sourabh Mhaski	Asstt. Prof. Gr.-II	EQ	15.01.2026
3	Dr. Niladri Sekhar Mandal	Asstt. Prof. Gr.-II	Chemical Engg.	19.01.2026
4	Dr. Avijit Saha	Asstt. Prof. Gr.-II	MIE	02.03.2026
5	Dr. Smitirupa Biswal	Asstt. Prof. Gr.-I	MME	03.03.2026
Professor of Practice/ Visiting Professor/Adjunct Professor/ Visiting Faculty				
1	Prof. Harish Chandra Pokhriyal	Visiting Professor	IKS	01.12.2025
2	Prof. J.P. Singh	Visiting Professor	MS	01.01.2026
3	Dr. Shailesh Kr. Agrawal	Professor of Practice	EQ	01.01.2026
4	Dr. Sumer Chopra	Professor of Practice	ICED	02.01.2026
5	Prof. Hem Raj Pant	Adjunct Professor	Chemical Engg.	05.01.2026
6	Prof. Sabu Thomas	Adjunct Professor	PPE	02.02.2026
7	Dr. Writam Banerjee	Visiting Professor	CSDT	05.02.2026
8	Dr. Seema Vinayak	Professor of Practice	ECE	11.02.2026
9	Prof. Bayer Annette	Visiting Professor	BSBE	16.02.2026
10	Prof. Atul K. Jain	Visiting Professor	Hydrology	01.03.2026
11	Dr. Bruno Merz	Visiting Professor	ICED	02.03.2026
12	Dr. Sanjay Kumar Jain	Visiting Professor	CoEDMM	20.12.2025 (Ext. for 1 yr)
13	Prof. Ravindra Pratap Singh	Visiting Faculty	CPQCT	01.01.2026 (Ext. for 1 yr)

Group A officers				
1	Mr. Deepak Sharma	Assistant Registrar	SRIC	08.01.2026
2	Mr. Mansoor Ali	Assistant Registrar	Administration	09.02.2026

(vi) The following faculty member has Resigned:

Sr. No	Name	Designation	Department / Centre	Date of Relieved
1	Dr. Kaushalya	Asstt. Prof. Gr.-I	Physics	31.12.2025

(vii) The following faculty has superannuated:

Sr. No	Name	Designation	Department / Centre	Date of Superannuation
1	Dr. S. Mukhopadhyay	Professor HAG	ES	31.12.2025

(viii) The following Faculty members have been brought on regular cadre:

Sr. No.	Name	Designation	Department / Centre	Date of Regularization
1	Dr. Aparajita Singh	Asstt. Prof. Gr.-I	HSS	31.07.2025
2	Dr. Avinash Kumar	Asstt. Prof. Gr.-I	EE	29.09.2025
3	Dr. Awanish Pandey	Asstt. Prof. Gr.-I	CSE	30.09.2025
4	Dr. Rakesh Padhan	Asstt. Prof. Gr.-I	DOMS	21.10.2025
5	Dr. Arun Singh	Asstt. Prof. Gr.-I	ES	09.12.2025

(ix) The following Faculty members have been moved to the next higher Pay Level:

Sr. No.	Name	Designation	Department / Centre	Effective Date
Movement from PL-12 to PL-13A1				
1	Dr. Kaushik Parida	Asstt. Prof. Gr.-I	PPE	16.03.2025
2	Dr. Sudakshina Dutta	Asstt. Prof. Gr.-I	CE	13.05.2025
3	Dr. Ashutosh Sharma	Asstt. Prof. Gr.-I	Hydrology	21.10.2025
Movement from PL-11 to PL-12				
1	Dr. Amita Giri	Asstt. Prof. Gr.-I	ECE	24.03.2025
2	Dr. Priyansha Kaurav	Asstt. Prof. Gr.-I	ECE	09.09.2025
3	Dr. Santanu Kumar Sahoo	Asstt. Prof. Gr.-I	MIED	03.10.2025
4	Dr. Satish Shamsundar Belkhode	Asstt. Prof. Gr.-I	EE	02.11.2025
5	Dr. Pinku Roy	Asstt. Prof. Gr.-I	MMED	08.12.2025
6	Dr. Anshul Yadav	Asstt. Prof. Gr.-I	WRDM	13.12.2025

Movement from PL-10 to PL-11				
1	Dr. Sumit Shaligram Diware	Asstt. Prof. Gr.-II	ECE	01.12.2025

(x) The following Non-teaching Group 'A' officers have been promoted under V.B.P.S.:

Sr. No.	Name	Designation / Pay Level	Department/ Centre	Date of promotion
1	Mr. Balbeer Singh Chauhan	Technical Officer Level-I / PL-10	PPE	26.12.2025
2	Dr. Rajendra Bhatnagar	Technical Officer Level-I / PL-10	CE	26.12.2025

(xi) The following Non-teaching Group 'A' officers have resigned:

Sr. No.	Name	Designation	Department/ Centre	Date of technical resignation
1	Mr. Anbu R	Deputy Registrar	Academic Affairs Office	31.12.2025

Item No.75.5: To consider the recommendations of the Senate to review/update the Ph.D. Ordinances and Regulations.

RESOLUTION No. BG/01/2026: The Board considered the recommendations of the 107th Senate on the revision of the Ph.D. Ordinances and Regulations, and resolved to approve the same. The advice to mention the eligibility for admission at clause A.3.1 was noted and incorporated.

The revised Ph.D. Ordinances and Regulations are at **Appendix-B.**

Item No.75.6: To consider the recommendations of the Senate to approve the award of 123 Ph.D. Degrees to the Research Scholars, who have duly qualified during the Academic Year 2025-26.

RESOLUTION No. BG/02/2026: The Board considered and resolved to approve the recommendations of the Senate to award 123 Ph.D. Degrees to the Research Scholars, who have duly qualified during the Academic Year 2025-26, as given at **Appendix-C.**


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Item No.75.7: To consider a proposal for the establishment of the Department of Science Education at Saharanpur Campus.

The Board noted that the 4-year B.Sc-B.Ed. programme under the Integrated Teachers Education Programme (ITEP), at Saharanpur Campus of IIT Roorkee, was approved earlier with an initial intake of 50 in the disciplines of Mathematics and Chemistry.

RESOLUTION No. BG/03/2026: The Board considered the recommendations of the Senate and resolved to establish the "Department of Science Education" for B.Sc-B.Ed programme at Saharanpur Campus.

Item No.75.8: To consider the proposal for the recruitment of foreign nationals as faculty members on a contract basis.

The Board considered the report-cum-recommendations of the committee on framing the comprehensive guidelines for the recruitment of foreign faculty on a contract basis.

RESOLUTION No.BG/04/2026: The Board resolved to approve the proposal for the recruitment of foreign nationals as faculty on a contract basis.

Further, advised that before releasing the advertisement for the recruitment of foreign faculty, the similar practice of other IITs, like in IIT Delhi, IIT Kanpur, & IIT Kharagpur, may also be referred.

Details of IIT Roorkee Alumni residing abroad will also be shared with the Chairperson to connect with and invite them to identify foreign nationals for faculty positions and fundraising activities.

Item No.75.10: To consider the Ministry of Education directives on periodic review of all employees in terms of provisions contained in FR 56(j) and Rule 42 of CCS (Pension) Rules.

The Board noted MoE communications regarding the invocation of FR 56(j) and Rule 42 of the CCS (Pension) Rules through periodic review of employees, along with recommendations of the Deans' Committee in this regard.

The Board suggested that the review process be uniform across all IITs and that the proposal be deliberated first amongst the IIT Directors.

Further, advised that the review of faculty and non-teaching employees be first carried out at the respective Dean's level. The review report prepared by the Deans be furnished to the Ministry as per OM No. 25013/01/2024-Pers.Policy A-IV dated 11.08.2025, as given at **Appendix-D**. The specific cases reported positive in preliminary review will then be referred to the duly constituted committee to invoke these provisions.

Item No.75.12: To consider the proposal to authorize the Director to initiate the disciplinary proceedings on the occurrence of any misconduct, including the issue of a charge-sheet, and appoint the inquiring & presenting officers.

RESOLUTION No. BG/07/2026: The Board considered the proposal and resolved that the Director, in emergent cases where the decision on misconduct cannot be awaited until the next scheduled meeting of the Board, will be authorized to initiate disciplinary proceedings. However, in any of such circumstances, the Post-facto approval be taken from the Chairman within a week, and the approval so accorded be subsequently reported to the Board.

Item No.75.14: To consider the proposal for changing the designation upon granting financial upgradation under the Dynamic Assured Career Progression (DACP) scheme to the Medical Officers/GDMOs of IIT Roorkee.

RESOLUTION No. BG/09/2026: The Board considered the proposal and resolved that the following designations be accepted for the Institute's Medical Officers, on similar lines as in the case of other non-teaching employees, upon granting financial upgradation under DACP:

Entry Level		No. of years regular service required
From	To	
Medical Officer GP Rs. 5400/- (PL-10)	SMO GP Rs. 6600/- (PL-11)	04 years
SMO GP Rs. 6600/- (PL-11)	CMO GP Rs. 7600/- (PL-12)	05 years
CMO GP Rs. 7600/- (PL-12)	CMO (NFSG) GP Rs. 8700/- (PL-13)	04 years
CMO (NFSG) GP Rs. 8700/- (PL-13)	SAG GP Rs. 10,000/- (PL-14)	07 years in PL-13 or 20 years regular service

Item No.75.15: To consider the recommendations of IIT Council on the proposal for amendment in the IIT Statutes.

The Board noted the following decision of the 56th IIT Council meeting:

“in the absence of appointment of a regular or officiating BoG Chairperson, in case, holding of a BoG meeting is expedient, any external (neither Director nor faculty) BoG Member may be appointed as the Interim BoG Chair for that meeting by the BoG itself”.

Item No.75.16: To consider the proposal of additional funds required for the Mehta Family School of Data Science and Artificial Intelligence (MFSDS&AI).

RESOLUTION No. BG/10/2026: The Board considered the recommendations of the Finance Committee and resolved that the additional cost, limited to Rs. 8.0 Cr, chargeable to Institute resources/donations, be approved.

Item No.75.17: To consider the proposal of cost escalation of Western Academic Block.

RESOLUTION No. BG/11/2026: The Board considered the recommendations of the Finance Committee and resolved to approve the additional cost of Rs. 7.0 Cr, chargeable to Institute resources/donations. That will, however, be subjected to the actual bills based on the evaluation, as recommended by the B&WC.

Item No.75.18: To consider the revised estimated cost of the proposed construction of New Administrative Building at IIT Roorkee campus.

RESOLUTION No. BG/12/2026: The Board considered the recommendations of the Finance Committee and resolved to approve the revised estimated cost of Rs. 116 Cr. The project's cost will be met from the Institute resources/donations.

Further, the Board agreed with the Finance Committee's advice to freeze the design and scope of work before inviting tenders to avoid cost escalation.


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Item No.75.19: To consider the financial status of the Budget Heads under OH-31, OH-35, and OH-36, along with the Budget Estimates for the F.Y. 2026-27.

RESOLUTION No. BG/13/2026: The Board noted the financial status of each of the three Budget Heads for the F.Y. 2025-26, and resolved to approve the Budget Estimates for the Financial Year 2026-27 **(Appendix-F)**, as recommended by the Finance Committee.

Item No.75.20: To report the status of loan availed through Higher Education Financing Agency (HEFA) for the Institute.

The Board noted the HEFA loan status along with the paid amount. The status of the loan availed is given at **Appendix-G**.

Item No.75.21: To report the status of Audit Reports and Audit Paras.

The Board noted the status of Audit Reports and Audit Paras, including dropped and newly added paras, along with the observation in the Finance Committee.

Item No.75.22: To report the status of pending advances and their adjustment.

The Board noted the status of pending advances.

Further, the Board agreed with the Finance Committee's suggestions to adopt a similar practice of obtaining a utilization certificate before releasing the second part of the advance, followed in CPWD deposit works in technical education departments of the Government of Haryana.

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

Items under limited circulation are excluded


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INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

Board of Governor's Meeting, 21 March 2026

Highlights of the period 21 Dec 2025 to 19 March 2026

Prof. K.K. Pant, Director, IIT Roorkee


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Sponsored Research Projects (April 2025 to March, 2026)

Research Projects		Consultancy Projects
227 projects	262.1 Cr.	434 projects 48.2

Projects valued more than 400 Lakhs

Key Performance Indicators

	2026	Total
Patent Filed	23	720
Patent Granted	19	350
Patent Published	18	679
Technology Transferred	09	57

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Awards/recognitions

Institute Awards

- FICCI Higher Education Excellence Award for Excellence in Research & Innovation- 2025
- Clarivate Research Excellence in Engineering and Technology- 2025
- CII Industry Academia Partnership Award- 2025
- CII Industrial Intellectual Property Award- 2024 & 2025
- Best Industry-Academia Collaborator Award – 2023
- Questel IP Excellence Award – 2022
- Geosmart India Leadership Award – 2022

Women in STEM Awards

- CII Awards on Excellence for Women in STEM- 2024 & 2025
- GATI Achievers – DST GATI Pilot- 2023

Campus Awards

- Star Campus Awards – 2023-24
- Best Clean & Green Campus Award – 2022
- FSSAI's Eat Right Campus Award – 2019 & 2022

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Academic Affairs

National Science Day 2026 and Dean's Appreciation Awards 2026



Institute Research Day (March 13, 2026): Lecture was delivered by Prof. Atul Jain, University of Illinois Urbana-Champaign, USA.





Rethink-The Tinkering Lab – Mega Mela Evaluation



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Community Outreach Program (CORE)



Ganga Canal Cleaning Drive under CORE – aligned with NEP 2020 - experiential learning, social awareness



IITR, actively participated in the state-wide cleanliness drive organised by the Government of Uttarakhand under the theme "One Day, One Hour, Together."





Pedagogy Workshop



19.



Developed Task force for Use of AI and AR/VR Tools in Pedagogy and making policy for ethical use of AI by faculty and students in IIT Roorkee.



Workshop on "The Art and Science of Learning and Teaching," focusing on the pedagogical, andragogical, and heutagogical approaches to education.

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Student Activities

Inter-IIT Wellness Meet (Sahyog 2.0)

Total Residing Students Strength: 9404

Boys Hostels : 11

Girls Hostels : 4

Married Hostels: 5

Private Messes: 10

CCB Messes: 03



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SPIC/MACAY/VIRASAT



NATIONAL SOCIAL SUMMIT



COGNIZANCE



15 APR 2026



International Relations

- IIT Roorkee has over **300+ active** International Students & **280+** active MoUs with leading institutions worldwide. Some of the MoUs signed in recent times are given below and **10+** MoUs are in process:

Sl. No.	Partner University	Country	Duration
1	RIKEN Nishina Center for Accelerator-Based Science	Japan	5 Years
2	Clemson University	USA	5 Years
3	University of the Philippines Los Banos (UPLB)	Philippines	5 Years
4	International Neurodegenerative Disorders Research Center, Prague, Czech (INDRC)	Czech Republic	5 Years
5	Tohoku University	Japan	5 Years
6	Nagasaki University	Japan	5 Years
7	National Institute of Information and Communications Technology	Japan	5 Years

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- Hosted **20+ International delegates** & faculty from leading global universities across USA, Europe & Asia.
- Conducted expert lectures, workshops & faculty interactions (SPARC, JST-LOTUS, sustainability, climate science)
- MoU signed with INDRC(International Neurodegenerative Disorders Research Center, Prague, Czech) Republic at AI Impact Summit 2026
- Strengthened collaborations with top institutions (USA, Germany, UK, Japan).



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Infrastructure Development

New Building for Mehta Family School of Data Science and Artificial Intelligence (MFSDS&AI)
Project Start Date – 27.06.2025
Completion Date- 25.11.2026

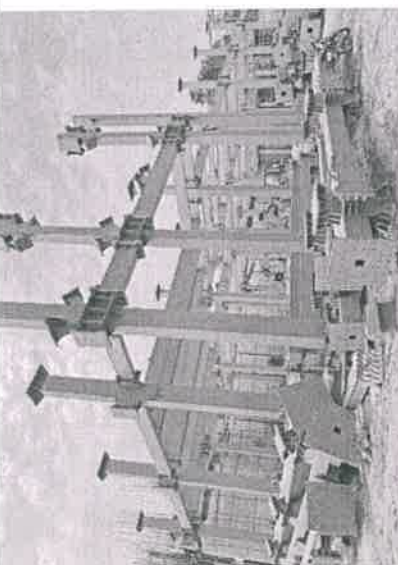
Steel columns and steel beams erection have been done upto 1st floor.

Construction of Western Academic Block (WAB)

Project Start Date – 25.03.2022
Completion Date- 31.05.2026

Block B completed and the commissioning of E/M services is in progress for shifting of the concerned department.

Work in Block-A is in advanced stage



Construction of New building for Chemistry Department
Project Start Date – 26.03.2021
Project Completion Date- 20.04.2026

Ground- 3rd floor will be made ready by 30th March, 2026.

Remaining 4th-6th floors will be ready by 25th April 2026 for shifting.

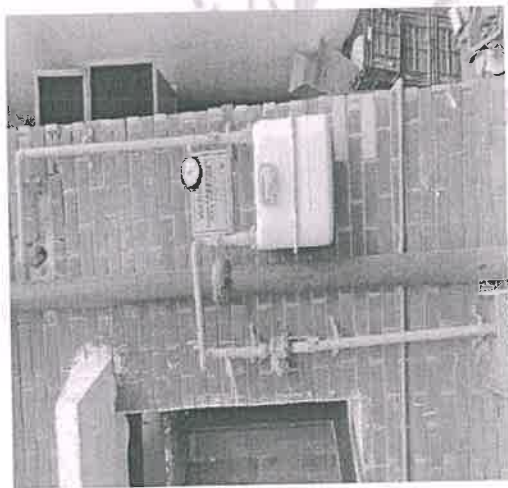


IIT ROORKEE

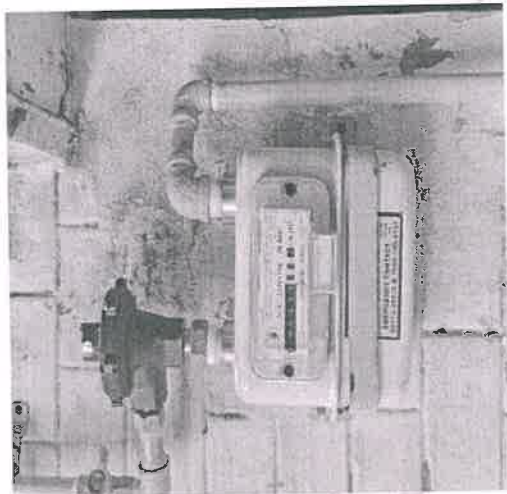
15 APR 2026



Status work related to Laying of natural gas pipeline infrastructure within IIT Roorkee campus by Haridwar Natural Gas Private Limited



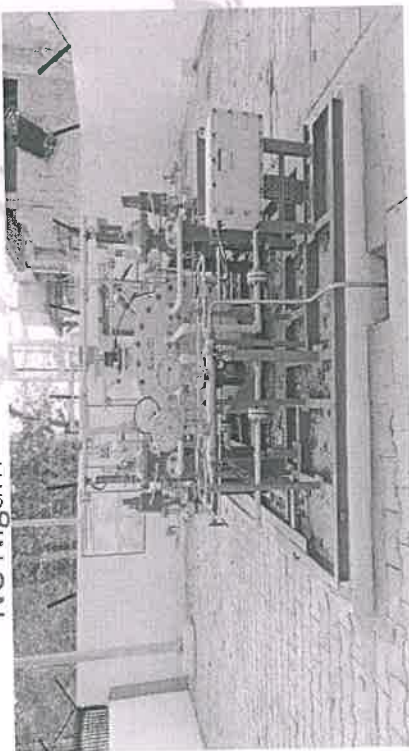
NC Nigam



Vikas Nagar



Canal View



DCU



Gas Bank

IIT ROORKEE



Saharanpur Campus



Upcoming programs/centres IITR Saharanpur Campus

- **Centre of Excellence for Sugarcane Juice Preservation** under Invest UP scheme is in the final phase and is likely to start in the third quarter of 2026
- Commencement of ITEP (Integrated Teachers Education Programme) from Autumn 2026 in the disciplines of Mathematics and Chemistry

Events held

- International Symposium on Innovations in Molded Fiber Products" in February 2026
- India AI Pre summit hosted in January 2026
- Training program for officers of Reserve Bank of India in November 2025

Infrastructure development

- Construction of Road
- Upgradation of network
- Installation of CCTV



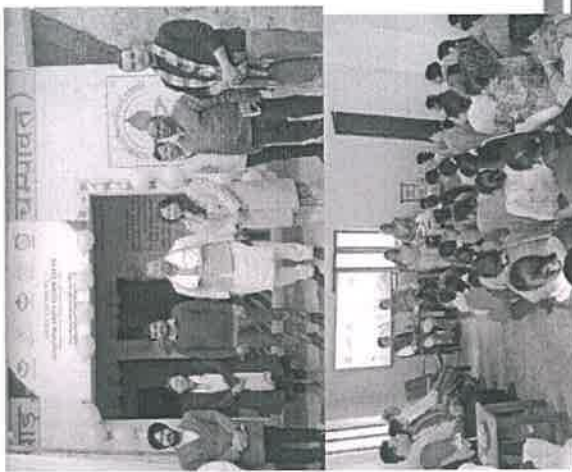
Lead Knowledge Institute for SETU Aayog

- Designated as the Lead Knowledge Institute of Uttarakhand for SETU Aayog under the State Support Mission of NITI Aayog.
- Hosted the Conclave for Leveraging Knowledge Institutions for Viksit Rajya, organized under NITI Aayog. Shri B.V.R. Subrahmanyam, CEO, NITI Aayog, visited IIT Roorkee during the event and emphasized the vital role of knowledge institutions in driving state-led transformation.



Established Integrated Smart Village Centers in Nakot, Tehri and Champawat districts under the guidance of SETU Aayog for the following:

- Digital governance services at the doorstep
- Livelihoods, skilling, and entrepreneurship support
- Access to government schemes and entitlements
- A platform for community-administration coordination
- Technical intervention for rural development



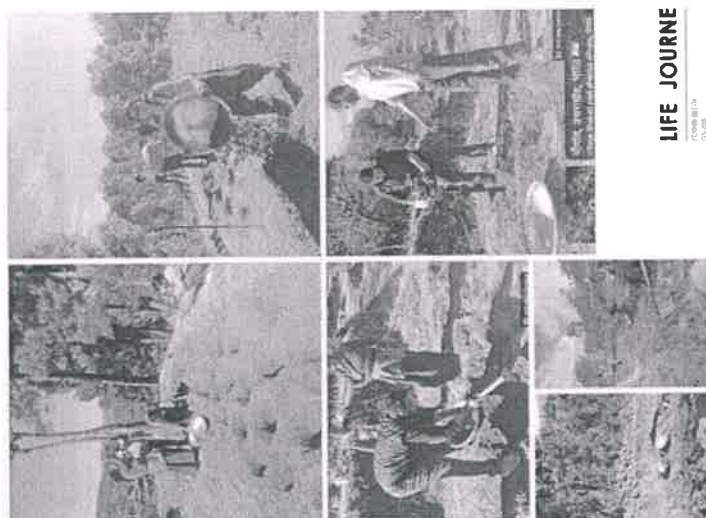
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Driving Transformations through RuTAGE Smart Village Centre (RSVC)

- Women-led community-driven rural transformation through technical interventions for primary and secondary processing and supply chain logistics..
- Delivered measurable outcomes in integrated farming, livelihood generation, education support, and women's empowerment.
- Partnership – Nehru Himalayan Foundation, Sericulture Department, AARTI@IITR, SETU and community

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LIFE JOURNE



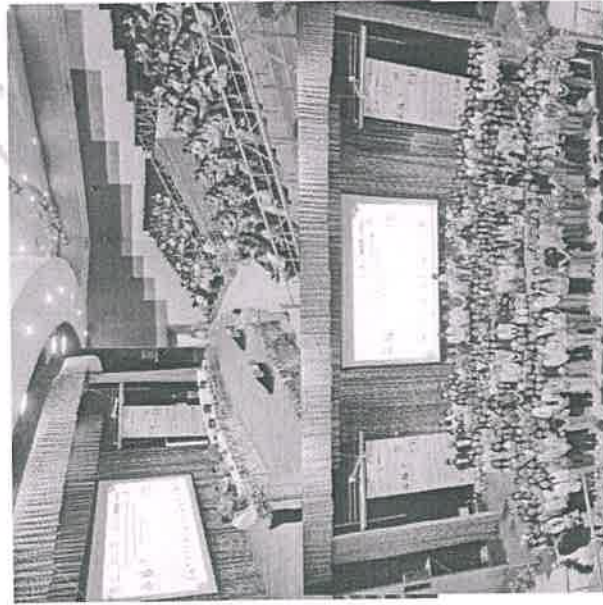
Plantation of one lakh mulberry plants, lemon trees, turmeric, ginger in 17 villages opening avenues in sericulture, value-added products, and integrated farming.



500th Birth Anniversary of Rani Abakka Chowta – 17th – 20th March 2026



- Brainstorming on Decision Support System for Policy Inputs
- IITR contributes in policy report on “Strengthening the Funding Mechanism for Industrial R&D and Innovation in India” with CII for DSIR.
- Capacity Building for Young Women in Emerging Technology Domain as LKI.
- Business Accelerator Cohorts for Ministry of Heavy Industries.



Int. Conf. on Transforming Waste Management:
Circular Economy and Energy Sustainability 2.0



Ms. Pamela Tikku, VP, Mahindra Group, Prof. Tripta Thakur, VC, UTU, Prof. KK Pant, Director, IITR, Prof. Vikas Singh, Secretary, SSS, Dr. Aravind Chinchure,



Prof. Siamak Farhad, University of Tennessee
Prof. Mohan Kolhe, University of Adgar, Norway

Centre for Precision Manufacturing with University of Akron



IT ROORKEE

Appendix 'B'

Item No. BOG / 75.5

**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


15 APR 2026

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 the following common minimum qualifications: - Applicants with Master's degree should satisfy the following: - General, GEN-EWS and OBC category: Minimum Cumulative Grade Point Average (CGPA) of 6.0 on a 10-point scale, or 60% marks. - SC / ST / PWD category: Minimum Cumulative Grade Point Average (CGPA) of 5.50 on a 10-point scale or 55% marks. - Qualified in a national level test, such as- GATE / CEED / JEST / UGC-NET / CSIR-NET including lectureship (Assistant Professorship) / Ph.D. only or equivalent or holding a national level fellowship. - Applicants of all categories (GEN/GEN-EWS/OBC/SC/ST/PWD) having B.Tech. degree or M.Sc. with a CGPA of 8.0 and above obtained from the Ministry of Education funded Technical

			Institutions (erstwhile CFTIs of MoE), the requirement of the national level tests such as GATE/NET is exempted. 3. Applicants of all categories (GEN/GEN-EWS/OBC/SC/ST/PWD) with 4-Year Bachelor's degree from institutions other than the Ministry of Education funded Technical Institutions (erstwhile CFTIs of MoE) having a minimum CGPA of 7.50 on a 10-point scale or 75% marks and Qualified a national level test, such as GATE / CEED / JEST / UGC-NET / CSIR-NET including lectureship (Assistant Professorship)/ Ph.D. Only or equivalent or holding a national level fellowship 4. Applicants of all categories (GEN/GEN-EWS/OBC/SC/ST/PWD) with Bachelor's or Master's degree from IITs with a CGPA of 8.0 and above on a 10-point scale. Such candidates are exempted from the requirement of qualifying in a national level test, such as- GATE / CEED / JEST / UGC-NET / CSIR-NET including lectureship (Assistant Professorship)/ Ph.D. Only or equivalent or holding a national level fellowship. 5. Applicants of all categories (GEN/GEN-EWS/OBC/SC/ST/PWD) with MBBS/ BAMS / BHMS / BDS degree from Indian Universities / Institution shall have minimum CGPA of 6.0 on a 10-point scale, or 60% in the qualifying degree. Such candidates are exempted from the requirement of qualifying in a national level test, such as- GATE / CEED / JEST / UGC-NET / CSIR-NET including lectureship (Assistant Professorship)/ Ph.D. Only or equivalent or holding a national level fellowship. 6. Applicants with Master of Surgery (MS) / Doctor of Medicine (MD) degree from Indian Universities / Institutions are exempted from the minimum CGPA as well as the requirement of qualifying in a national level test, such as- GATE/ CEED /JEST/UGC-NET/CSIR-NET including lectureship (Assistant Professorship)/ Ph.D. Only or equivalent or holding a national level fellowship. In addition to the above-mentioned common minimum eligibility criteria, the candidate is required to fulfil the Department/Centre/ School wise minimum educational qualification and other guidelines mentioned in information brochure from time-to-time.
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		(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.


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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


15 APR 2025

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> 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.	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.																

(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.



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(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.



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		(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.



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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.


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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	

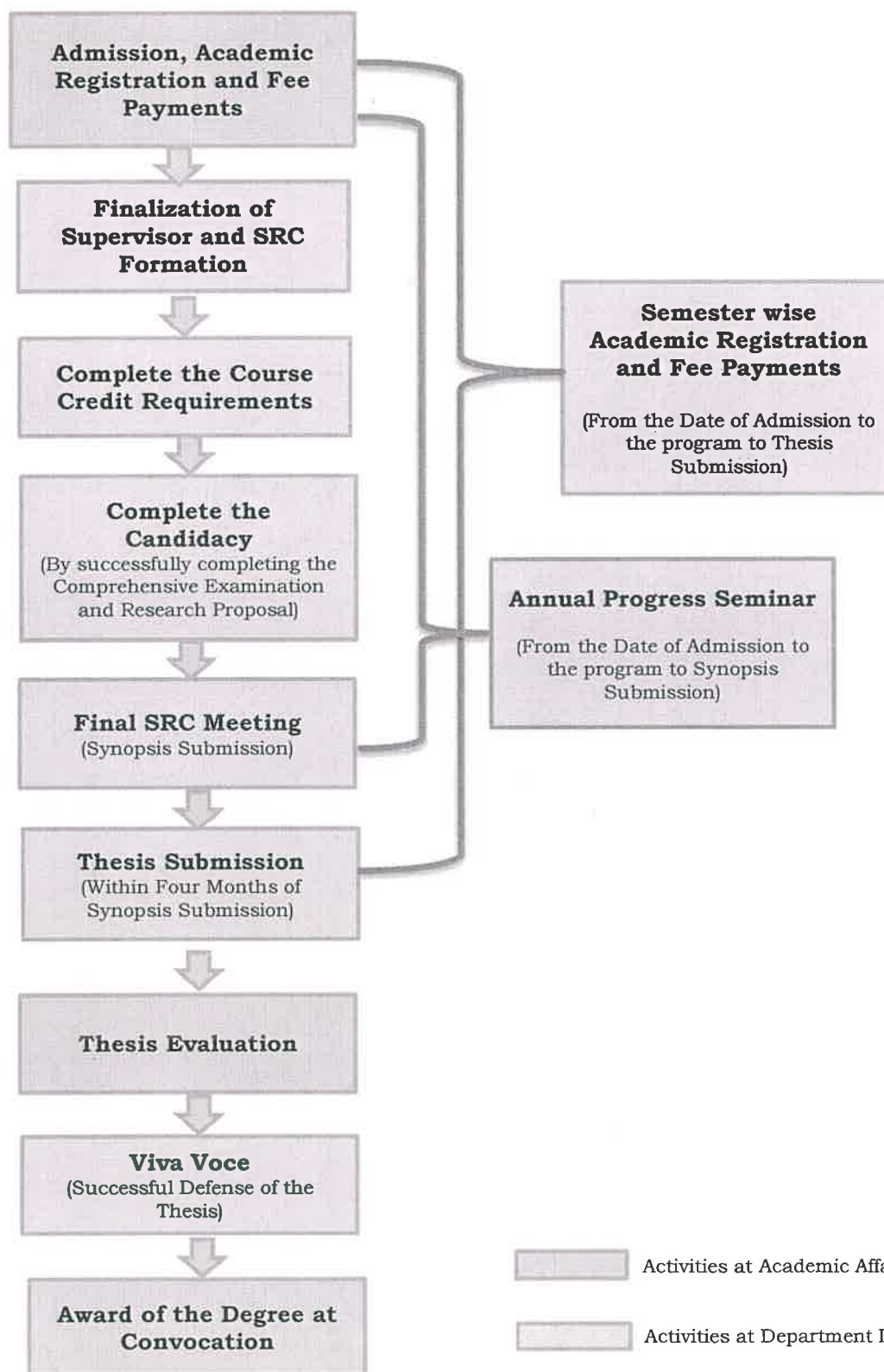
**PART - B
(To be filled by the student after the submission of the answer script at the end of the examination)**

1. Response of the student:
.....
.....
.....

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


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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. BOG / 75.6

Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
1	19920002	Amit Mathur	Mechanical and Industrial Engineering	ROLLING ELEMENT BEARING FAULT DIAGNOSIS USING DATA DRIVEN TECHNIQUES	Prof. Suraj Prakash Harsha	Prof. Pradeep Kumar		12.12.2025	22.12.2025
2	18910047	Pavan Kumar	Civil Engineering	EFFECT OF ELEVATED TEMPERATURES ON TRANSPORT PROPERTIES OF SELF COMPACTING CONCRETE	Prof. U. K. Sharma	Prof. Danie Roy A. B		29.12.2025	6.01.2026
3	18911001	Abdul Kadir	Computer Science and Engineering	EFFICIENT FEATURE REDUCTION AND HYBRID MODELING FOR ANDROID MALWARE DETECTION	Prof. P. Sateesh Kumar			12.01.2026	29.01.2026
4	18918011	Abhishek Kumar Srivastava	Management Studies	IMPACT OF MARKETER GENERATED CONTENT ON DIGITAL CUSTOMER ENGAGEMENT AND PURCHASE INTENTION: A CEM PERSPECTIVE	Prof. Rajat Agrawal			24.10.2025	14.11.2025
5	21910060	Abhitesh Sachdeva	Civil Engineering	FEASIBILITY STUDY OF GEOPOLYMER-TREATED BASE STABILIZED USING FULL DEPTH RECLAMATION TECHNIQUE	Prof. G. D. Ransinchung R. N			15.01.2026	20.01.2026
6	18903027	Abirial Mukherjee	Biosciences and Bioengineering	IDENTIFYING THE EVOLUTION OF BETA-LACTAMASE TOWARD ANTIMICROBIAL RESISTANCE	Prof. Saugata Hazra			14.10.2025	16.10.2025
7	19914027	Akash C Babu	Electrical Engineering	CONDITION MONITORING OF INDUCTION MOTOR DRIVES USING HYBRID SCHEMES	Prof. Jeevanand S			29.10.2025	13.11.2025
8	20911014	Akshay Singh	Computer Science and Engineering	PERSONALIZED FAIR CLIENT SELECTION FOR FEDERATED LEARNING	Prof. Rahul Thakur			23.01.2026	29.01.2026
9	20913005	Aman Srivastava	Earthquake Engineering	SEISMIC PERFORMANCE EVALUATION OF BRIDGE ABUTMENTS AND WELLS SUPPORTING PIERS IN FLAT AND HILLY TERRAINS	Prof. Yogendra Singh			12.12.2025	29.01.2026

Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
10	20916002	Anisha E	Humanities and Social Sciences	ROLE OF LEADER-MEMBER EXCHANGE IN THE PREDICTION OF ORGANIZATIONAL CITIZENSHIP BEHAVIOR AND ORGANIZATIONAL SILENCE: THE MEDIATING ROLE OF EMPLOYEE ENGAGEMENT	Prof. Pooja Garg			4.12.2025	5.12.2025
11	20910045	Anjali	Civil Engineering	INTEGRATED MANAGEMENT OF LANDFILL LEACHATE AND GROUNDWATER IN GAZIPUR DUMP SITE, DELHI	Prof. C. S. P. Ojha			26.11.2025	27.11.2025
12	20909002	Ankit Kumar	Chemistry	COMPOSITIONAL AND FUNCTIONAL ENGINEERING OF METAL HALIDE PEROVSKITES FOR OPTOELECTRONIC APPLICATIONS	Prof. Prasenjit Kar			19.01.2026	29.01.2026
13	17911007	Anmol Gupta	Computer Science and Engineering	MODELING THE RUMINATIVE MIND: BEHAVIORAL, COMPUTATIONAL, AND NEUROPHYSIOLOGICAL APPROACHES	Prof. Partha Pratim Roy	Prof. Marieke Van Vugt		21.11.2025	6.01.2026
14	20919001	Antima	Mathematics	EPIDEMIOLOGICAL INSIGHTS INTO LEPTOSPIROSIS IN TROPICAL AREAS USING MATHEMATICAL MODELS	Prof. Sandip Banerjee			15.12.2025	17.12.2025
15	18915016	Anu Verma	Electronics and Communication Engineering	EFFICIENT HARDWARE REALIZATION OF CORDIC AND FFT ARCHITECTURES	Prof. Bishnu Prasad Das			13.11.2025	11.12.2025
16	21915003	Anubha Sehgal	Electronics and Communication Engineering	COMPUTE-IN-MEMORY ARCHITECTURES USING SPINTRONIC DEVICES FOR ON-CHIP LEARNING	Prof. Sourajeet Roy			3.12.2025	6.01.2026
17	20910047	Apurva Dhole	Civil Engineering	AN EXPLORATION OF PEDESTRIAN CROSSING BEHAVIOR UNDER VARIOUS TIME PRESSURE CONDITIONS	Prof. Pushpa Choudhary			5.12.2025	6.01.2026
18	19920003	Ashesh Kumar Patra	Mechanical and Industrial Engineering	ELASTIC WAVE PROPAGATION THROUGH SOFT SOLIDS	Prof. Joglekar M. Madhav			17.12.2025	22.12.2025

Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
19	20915003	Asha Kumari Jakhar	Electronics and Communication Engineering	ENHANCED MACHINE LEARNING FRAMEWORKS FOR FAST AND ACCURATE UNCERTAINTY QUANTIFICATION AND REPEATER OPTIMIZATION IN GRAPHENE-BASED ON-CHIP INTERCONNECTS	Prof. Sourajeet Roy			14.11.2025	5.12.2025
20	20925026	Ashutosh Singh	Physics	QUANTUM ENTANGLEMENT AND QUANTUM SIMULATION INVOLVING ATOMIC NUCLEI	Prof. P. Arumugam,			24.10.2025	30.10.2025
21	22920007	Ateeb Ahmad Khan	Mechanical and Industrial Engineering	INFLUENCE OF VARIABLE AMPLITUDE LOADING AND HYGROSCOPIC AGEING ON FATIGUE DAMAGE IN BIDIRECTIONAL GFRP	Prof. Indra Vir Singh			24.11.2025	10.12.2025
22	19920029	Aurovinda Kumar Mitra	Mechanical and Industrial Engineering	NUMERICAL AND EXPERIMENTAL INVESTIGATION OF GUIDED WAVE - DEBOND INTERACTIONS IN HONEYCOMB SANDWICH WITH SMOOTHLY VARYING CORE THICKNESS	Prof. D.M. Joglekar			28.11.2025	2.12.2025
23	20915029	Ayshika Kapoor	Electronics and Communication Engineering	PRIVACY-PRESERVING AND COMMUNICATION-EFFICIENT FEDERATED LEARNING FRAMEWORKS FOR URBAN SENSING SYSTEMS	Prof. Dheeraj Kumar			15.10.2025	6.11.2025
24	20925040	Ayushi Agrawal	Physics	ELECTRON -ATOM(ION) SCATTERING AND PLASMA MODELING	Prof. Rajesh Srivastava	Prof. Lalita Sharma		10.10.2025	16.10.2025
25	18917009	Bhanu Sharma	Hydrology	STREAMFLOW PREDICTION USING A PHYSICALLY INFORMED MACHINE LEARNING MODEL FOR A HIMALAYAN CATCHMENT	Prof. N.K. Goel			23.12.2025	6.01.2026
26	22910010	Bhavesh Jaykumar Bhambhani	Civil Engineering	PARTIAL REPLACEMENT OF ASPHALT BINDER WITH MODIFIED-WASTE ENGINE OIL RESIDUE	Prof. Satish Chandra	Dr. Gottumukkala Bharath		23.01.2026	30.01.2026
27	19925003	Brij Mohan	Physics	STUDY OF MAGNETORESISTANCE AND PHOTOINDUCED EFFECTS IN MANGANITE FILMS	Prof. Vivek Kumar Malik			4.11.2025	28.11.2025

Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
28	18912027	Chander Prakash	Earth Sciences	INTEGRATED CARBON ISOTOPIE AND PALYNOLOGICAL INVESTIGATIONS OF THE UMARSAR LIGNITE DEPOSIT, KUTCH BASIN, GUJARAT, WESTERN INDIA	Prof. Sunil Bajpai	Prof. Abhayanand Singh Maurya	Dr. Vandana Prasad	24.12.2025	29.12.2025
29	18920037	Chintam Suresh Kumar	Mechanical and Industrial Engineering	DEVELOPMENT OF NANOSTRUCTURED TIN - BASED COMPOSITES THROUGH MICROWAVE SINTERING FOR ENHANCED WEAR RESISTANCE	Prof. Apurbba Kumar Sharma			24.10.2025	7.11.2025
30	20925006	Deepak Verma	Physics	UNDERSTANDING THE MAGNETIC PROPERTIES OF SOME SPINEL OXIDES: COMBINED EXPERIMENTAL AND FIRST PRINCIPLES PERSPECTIVES	Prof. G. D. Varma	Prof. Tulika Maltra		24.10.2025	30.10.2025
31	19915008	Deepmala Trivedi	Electronics and Communication Engineering	DEVELOPMENT OF MICROWAVE IMAGING TECHNIQUES FOR HIDDEN TARGET DETECTION	Prof. Dharmendra Singh			18.11.2025	9.12.2025
32	19912002	Deshmukh Gargi Girish	Earth Sciences	SOUTH TIBETAN DETACHMENT SYSTEM: A POSSIBLE CAMBRO-ORDOVICIAN TECTONIC BOUNDARY AND ITS CENOZOIC REMOBILIZATION, DHAULIGANGA VALLEY, UTTARAKHAND HIMALAYA	Prof. Nachiketa Rai	Dr. Arvind Kumar Jain		22.09.2025	16.11.2025
33	20916005	Dhananjay Kumar Rai	Humanities and Social Sciences	ESSAYS ON INTERNATIONAL TRADE AND CLIMATE CHANGE	Prof. Subir Sen			10.10.2025	6.11.2025
34	19915011	Dibyadrasta Sahoo	Electronics and Communication Engineering	INVESTIGATION OF 3D NAND FLASH MEMORY	Prof. Sanjeev Manhas			17.01.2026	24.01.2026
35	18924004	Diksha Choudhary	Management Studies	INVESTIGATING THE BEHAVIORAL DETERMINANTS OF RETIREMENT FINANCIAL PLANNING: THE INFLUENCE OF PERSONALITY TRAITS AND PERCEIVED FINANCIAL LITERACY IN THE INDIAN CONTEXT.	Prof. Ashu Khanna			22.12.2025	29.01.2026

Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
36	19919003	Divyanshu Vashistha	Mathematics	WELL-POSEDNESS AND NUMERICAL SCHEMES FOR REGIME SWITCHING SDES: INCORPORATING DISCONTINUOUS DRIFT COEFFICIENT AND LÉVY NOISE CASES	Prof. Chaman Kumar			16.12.2025	22.12.2025
37	20906005	Dravin Pratap Singh	Centre for Nanotechnology	SUSTAINABLE AND FUNCTIONAL APPLICATIONS OF NANOMATERIALS IN FOOD SAFETY, NUTRITION, AND HUMAN WELLNESS	Prof. Gopinath Packirisamy			29.12.2026	21.01.2026
38	19915036	Gaurav Srivastava	Electronics and Communication Engineering	DESIGN OF RECONFIGURABLE ACTIVE-INDUCTOR-BASED RECEIVER, FILTER, OSCILLATOR ARCHITECTURE AND MULTIPLIER-BASED SUB- TERAHERTZ SIGNAL GENERATION FOR 5G AND 6G APPLICATIONS	Prof. Darshak Bhatt			22.12.2025	29.12.2025
39	20917009	Gaurav Vaghela	Hydrology	DEVELOPMENT OF INNOVATIVE NANOCOMPOSITE MEMBRANES FOR DESALINATION AND WATER RECLAMATION	Prof. Bhaskar Jyoti Dekka			11.11.2025	27.11.2025
40	19915014	Govind Kumar Mishra	Electronics and Communication Engineering	DESIGN AND DEVELOPMENT OF FILTERS FOR 5G AND BEYOND APPLICATIONS	Prof. Nagendra P. Pathak	Prof. Hemendra Kumar Pandey		22.12.2025	2.01.2026
41	17924013	Hariome Sharan Gupta	Polymer and Process Engineering	NATURAL FIBER REINFORCED FUNCTIONALIZED POLYMER COMPOSITES AND HYBRID COMPOSITES	Prof. Sanjay Palsule			16.10.2025	14.11.2025
42	20908017	Hemant Goyal	Chemical Engineering	SUSTAINABLE TREATMENT OF ARSENIC AND FLUORIDE CONTAMINATED GROUNDWATER FOR COMMUNITY APPLICATION	Prof. Prasenjit Mondal			15.10.2025	27.10.2025
43	20925029	Himanshu Grover	Physics	TIMING INVESTIGATION OF YOUNG AND MILLISECOND PULSARS	Prof. P. Arumugam			22.12.2025	29.12.2025
44	20910014	Honey Kaushal	Civil Engineering	STRENGTH AND DEFORMATION BEHAVIOUR OF WEATHERED HIMACHAL GRANITIC GNEISS UNDER STATIC AND CYCLIC LOADING	Prof. N. K. Samadhiya	Prof. Aditya Singh		30.10.2025	6.11.2025

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Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
45	19915016	Inapurapu Suryarajitha	Electronics and Communication Engineering	INVESTIGATIONS ON MULTI-FUNCTIONAL ANTENNAS FOR 5G/6G/MM-WAVE APPLICATIONS	Prof. M. V. Kartikeyan	Prof. Rajib Kumar Panigrahi		8.12.2025	6.01.2026
46	19921010	Indeevar Singh	Metallurgical and Materials Engineering	MICROSTRUCTURAL ANALYSIS AND MECHANICAL PROPERTIES OF LIQUID PHASE SINTERED TUNGSTEN HEAVY ALLOYS WITH MO AND NB ADDITIONS	Prof. Vikram Vasant Dabhade			7.11.2025	11.12.2025
47	19926003	Jagriti Jain	Water Resources Development and Management	FORMULATION OF A MULTI-SCALE FLOOD RISK RESILIENCE FRAMEWORK FOR SOCIO-ENVIRONMENTAL SYSTEMS USING DYNAMIC EVALUATION TECHNIQUES	Prof. Deepak Khare	Dr. Francisco Munoz Arriola		18.11.2025	22.12.2025
48	21910070	Japjeet Singh	Civil Engineering	AN ASSESSMENT OF CRYOSPHERE DYNAMICS IN THE HIMALAYAN UPPER GANGA BASIN UNDER CHANGING CLIMATE	Prof. C. S. P. Ojha	Dr. Vishal Singh		26.09.2025	29.10.2025
49	19914006	Jyotiranjana Dash	Electrical Engineering	EFFICIENT CONTROL OF HIGH PERFORMANCE MODULAR MULTILEVEL CONVERTER	Prof. Pramod Agarwal			17.12.2025	19.12.2025
50	18903034	K Amith Kumar	Biosciences and Bioengineering	STRUCTURAL AND MECHANISTIC CHARACTERIZATION OF ENZYMES FOR BIOMEDIATION	Prof. Pravindra Kumar			19.08.2025	14.11.2025
51	20910016	Kaliprasana Muduli	Civil Engineering	DEVELOPMENT OF AI-DRIVEN PREDICTIVE METHODS USING COMPUTER VISION-BASED TRAJECTORY DATA TO ENHANCE PEDESTRIAN SAFETY AT CROSSWALKS	Prof. Indrajit Ghosh	Dr. Shaimul (Md. Mazharul) Haque		10.11.2025	14.11.2025
52	19915019	Kartik Deshpande	Electronics and Communication Engineering	NOVEL VISUAL ASSESSMENT OF CLUSTERING TENDENCY ALGORITHM FOR IOT GENERATED SPATIO-TEMPORAL DATA IN DISTRIBUTED SYSTEMS	Prof. Dheeraj Kumar			15.09.2025	14.11.2025
53	20914005	Kaushik Halder	Electrical Engineering	DESIGN, PATH PLANNING AND INTELLIGENT CONTROL OF MEDICAL ROBOTIC SYSTEMS	Prof. Felix Orlando Maria Joseph	Prof. R. S. Anand		6.11.2025	25.11.2025

Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
54	22920049	Kaushlendra Kumar	Mechanical and Industrial Engineering	STATIC AND DYNAMIC BEHAVIOR OF HDPE/h-BN NANOCOMPOSITE WITH A MODIFIED INTERFACE	Prof. Avinash Parashar	Prof. Suraj Prakash Harsha		6.01.2026	14.01.2026
55	21910021	Khrawboklang Kharsyiemiong	Civil Engineering	ANALYTICAL AND NUMERICAL STUDIES ON PRELOADING CONSOLIDATION WITH PREFABRICATED VERTICAL DRAINS	Prof. V. A. Sawant	Prof. Satyendra Mittal		6.11.2025	22.12.2025
56	21916019	Kishan Kumar Mishra	Humanities and Social Sciences	NO-BODY IS PERFECT: EXPLORING THE REPRESENTATION OF FATNESS, BALDNESS AND COLORISM IN CONTEMPORARY INDIAN FILMS	Prof. Nagendra Kumar			6.11.2025	14.11.2025
57	20915008	Km Dimple	Electronics and Communication Engineering	MACHINE LEARNING APPROACHES FOR SIGNAL INTEGRITY ANALYSIS AND OPTIMIZATION OF ON-CHIP GRAPHENE INTERCONNECTS	Prof. Sourajeet Roy			17.11.2025	2.01.2026
58	20910017	Kudurupaka Vamshi Krishna	Civil Engineering	BEHAVIOURAL ASSESSMENT OF DISTRACTED PEDESTRIANS AT INTERSECTIONS	Prof. Pushpa Choudhary			5.12.2025	6.01.2026
59	20916036	Kunal Debnath	Humanities and Social Sciences	THE REPRESENTATION OF HINDUISM IN SELECT MANGA: A CRITICAL STUDY	Prof. Nagendra Kumar			24.10.2025	8.11.2025
60	19919014	Mahak	Mathematics	A STUDY OF CODES IN PROJECTIVE SPACES	Prof. Maheshanand			3.11.2025	11.11.2025
61	19920035	Manoj Singh Bisht	Mechanical and Industrial Engineering	EXPERIMENTAL AND CRYSTAL PLASTICITY-BASED INVESTIGATION OF SLM ALSi10MG ALLOY	Prof. Indra Vir Singh	Prof. Vedit Gaur		13.10.2025	14.11.2025
62	19913004	Mayuri Borah	Earthquake Engineering	SEISMIC RISK ASSESSMENT OF ASSAM, NORTH-EAST (NE) INDIA	Prof. M. L. Sharma	Prof. R. N. Dubey		3.10.2025	28.11.2025
63	19916032	Mhasileno Peseyie	Humanities and Social Sciences	FOLKLORE AND THE DYNAMICS OF CULTURAL IDENTITY: NEGOTIATING TRADITION, MODERNITY AND HYBRIDITY IN SELECT ANGAMI FOLKTALES	Prof. Rasmi Gaur			4.11.2025	10.12.2025

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Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
64	20918009	Mohan Lal Jangid	Management Studies	FINANCIAL IMPACTS OF CORPORATE COMMITMENT TO CLIMATE CHANGE ACTION: EVIDENCE FROM THE ASIA-PACIFIC REGION	Prof. Anil Kumar Sharma			13.01.2026	14.01.2026
65	19918006	Mohd Azeem	Management Studies	IMPACT OF INTERNAL RESOURCES AND FOUNDING TEAM CHARACTERISTICS ON STARTUP SURVIVAL IN INDIA	Prof. Ashu Khanna			24.12.2025	6.01.2026
66	19909004	Mohit Kulshrestha	Chemistry	SYNTHESES AND APPLICATIONS OF STABLE CARBON CENTRED RADICALS AND CATIONIC FLUOROPHORES	Prof. Kalyan Kumar Sadhu			28.11.2025	15.12.2025
67	18924006	Mridul Pant	Polymer and Process Engineering	NATURAL FIBERS REINFORCED FUNCTIONALIZED POLYMER HYBRID COMPOSITES	Prof. Sanjay Palsule,			13.10.2025	6.11.2025
68	19913007	Mudit Srivastava	Earthquake Engineering	SEISMIC SITE-RESPONSE AND ITS IMPLICATIONS ON SEISMIC HAZARD ASSESSMENT - A CASE STUDY FOR EASTERN INDO-GANGETIC PLAINS, INDIA	Prof. M. L. Sharma			14.11.2025	8.01.2026
69	18904001	Mugesh A	Centre of Excellence in Disaster Mitigation and Management	INFLUENCE OF SEISMIC SITE CHARACTERISTICS ON EARTHQUAKE EARLY WARNING PREDICTION PARAMETERS	Prof. Ravi Sankar Jakka	Prof. Kamal		13.10.2025	11.11.2025
70	18916011	Mukesh Kumar	Humanities and Social Sciences	ESSAYS ON NUTRITION TRANSITION IN INDIA: PERSISTENCE OF MALNUTRITION IN ADOLESCENCE AND HUMAN CAPITAL, DOUBLE BURDEN OF MALNUTRITION, AND PROGRAM UTILISATION	Prof. Pratap Chandra Mohanty			18.12.2025	22.12.2025
71	20909010	Nainy Khera	Chemistry	METAL SULFIDE NANOPARTICLES AND THEIR NANOCOMPOSITES FOR CATALYTIC APPLICATIONS	Prof. P. Jeevanandam			21.11.2025	25.11.2025

Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
72	19920011	Nikhil Anand	Mechanical and Industrial Engineering	EXPERIMENTAL INVESTIGATIONS OF BIODEGRADABLE ZINC-BASED COMPOSITES FOR ORTHOPAEDIC IMPLANT APPLICATIONS	Prof. Kaushik Pal			26.11.2025	2.12.2025
73	20512011	Nitish Srivastava	Hydro and Renewable Energy	SOLAR ENERGY-BASED AMMONIA PRODUCTION AND IRRIGATION: PROCESS MODELING AND PROTOTYPE DEVELOPMENT	Prof. Amit Chandrakant Bhosale	Prof. Pratham Arora		10.10.2025	18.12.2025
74	18910061	Pankaj Rawat	Civil Engineering	FRACTURE PROPAGATION CHARACTERISTICS IN SANDSTONES SUBJECTED TO CONFINEMENTS AND THERMAL CONDITIONS AFTER HYDRAULIC FRACTURING	Prof. N. K. Samadhiya			24.12.2025	1.01.2026
75	20915042	Parth	Electronics and Communication Engineering	INFORMATION-THEORETIC DIVERGENCE MEASURE BASED ALGORITHMS FOR ADAPTIVE FILTERING AND DISTRIBUTED ESTIMATION	Prof. Pyari Mohan Pradhan			7.11.2025	28.11.2025
76	21918025	Patnaik Pramod Kumar	Management Studies	A STUDY ON THE USE OF TRADITIONAL AND EMERGING INFORMATION TECHNOLOGIES FOR RURAL E-GOVERNANCE AND EDUCATION IN INDIA	Prof. Gaurav Dixit	Dr. Ajay Kumar		29.01.2026	29.01.2026
77	19912019	Prantik Mondal	Earth Sciences	INTEGRATED SEDIMENTOLOGICAL, PALEOECOLOGICAL, GEOCHEMICAL, AND SEQUENCE STRATIGRAPHIC ANALYSES OF LATE CRETACEOUS CARBONATES OF THE BAGH GROUP, NARMADA RIFT BASIN, CENTRAL INDIA	Prof. Biplob Bhattacharya			31.10.2025	14.11.2025
78	20908008	Praveen Dubey	Chemical Engineering	MIXING AND DISCHARGE BEHAVIOR OF NON-SPHERICAL GRANULAR MATERIALS THROUGH A SYNERGISTIC APPROACH USING EXPERIMENTS, SIMULATIONS AND MACHINE LEARNING	Prof. Anshu Anand			9.01.2026	16.01.2026
79	19926004	Praveen Kalura	Water Resources Development and Management	SYNERGETIC APPLICATION OF VIC MODEL AND WATER ACCOUNTING PLUS FOR BASIN SCALE WATER RESOURCES ASSESSMENT	Prof. Ashish Pandey	Prof. Vm Chowdary		7.01.2026	14.01.2026

Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PGD (Approved by DoAA)
80	20910051	Priti Rai	Civil Engineering	REPEATED RECYCLING OF RECLAIMED ASPHALT PAVEMENT MATERIALS (RAPM) IN HOT MIX ASPHALT (HMA)	Prof. Praveen Kumar	Prof. Nikhil Saboo		28.11.2025	3.12.2025
81	19915023	Priyanka Bajaj	Electronics and Communication Engineering	DEVELOPMENT OF ACTIVE AND PASSIVE FREQUENCY SELECTIVE SURFACES FOR MICROWAVE ABSORBER AND RASORBER APPLICATIONS	Prof. Dharmendra Singh	Prof. Debidas Kundu		8.07.2025	28.11.2025
82	19925019	Rajat Chauhan	Physics	LIQUID CRYSTAL BASED TUNABLE GUIDED WAVE PHOTONIC COMPONENTS AND DEVICES	Prof. Vipul Rastogi			3.11.2025	28.11.2025
83	20918013	Rakesh G Nair	Management Studies	GROWERS' INSIGHTS ON BRANDING AND MARKETING OF PLANT-BASED IMMUNOMODULATORY PRODUCTS	Prof. Vinay Sharma			13.10.2025	16.10.2025
84	18909051	Reetika Singh	Chemistry	ANTHRACENE BASED LIGANDS-APPENDED COMPLEXES AND MOFs: SYNTHESIS, STRUCTURAL AND CATALYTIC STUDIES	Prof. Udai Pratap Singh			17.10.2025	29.10.2025
85	20912008	Rinku Mahanta	Earth Sciences	BODY WAVE AND SURFACE WAVE DERIVED MOMENT TENSOR CATALOG FOR GARHWAL-KUMAON HIMALAYAS	Prof. Vipul Silwal			30.12.2025	14.01.2026
86	19914016	Rupam Chaki	Electrical Engineering	A STUDY OF OPERATIONAL ISSUES OF MODULAR MULTILEVEL CONVERTER (MMC)	Prof. Anubrata Dey			21.11.2025	27.11.2025
87	18903014	Saakshi Saini	Biosciences and Bioengineering	NEUROPROTECTIVE STRATEGIES FOR ALLEVIATING ANXIETY AND DEPRESSION LIKE CONDITIONS USING NATURAL COMPOUNDS AND NANOFIBER-BASED DELIVERY SYSTEM	Prof. Partha Roy			25.11.2025	22.12.2025
88	17921018	Sajad Hamid	Metallurgical and Materials Engineering	CREEP BEHAVIOUR OF SUPERALLOY 617 M FOR APPLICATIONS IN MODERN STEAM-TURBINES	Prof. Ujjwal Prakash			10.10.2025	14.11.2025

Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
89	19908013	Salma Khatoon	Chemical Engineering	COMPUTATIONAL AND EXPERIMENTAL ANALYSIS OF SHAPE-INDUCED MIXING IN GRANULAR SYSTEMS WITH NON-SPHERICAL PARTICLE ORIENTATION	Prof. Anshu Anand			23.12.2025	30.12.2025
90	19903007	Saloni Gupta	Biosciences and Bioengineering	INFLAMMATORY AND METABOLIC REPROGRAMMING OF INNATE IMMUNE CELLS UNDER INFLAMMATION	Prof. P.P. Sarangi			23.12.2025	30.12.2025
91	22915024	Sandeep Rana	Electronics and Communication Engineering	DESIGN AND ANALYSIS OF IN-BAND FULL DUPLEX ANTENNA AND ITS APPLICATIONS IN MODERN WIRELESS COMMUNICATION	Dr Akhilesh Mohan			10.10.2025	28.10.2025
92	18910069	Sanjeev Kumar	Civil Engineering	STUDY ON SEDIMENT MANAGEMENT IN CANALS	Prof. C. S. P. Ojha			26.11.2025	15.12.2025
93	19915025	Sanjeev Kumar Varun	Electronics and Communication Engineering	DEVELOPMENT AND VALIDATION OF COMPUTATIONAL BIOMARKERS AND ARTIFICIAL INTELLIGENCE DRIVEN MULTIMODAL FRAMEWORK FOR EPILEPSY DIAGNOSIS, SEIZURE DETECTION, AND SOURCE LOCALIZATION USING EEG, MEG, AND MRI MODALITIES	Prof. Tharun Kumar Reddy Bollu			11.12.2025	13.12.2025
94	19902009	Saurabh Kishore Ojha	Architecture and Planning	A BIOMETEOROLOGICAL ASSESSMENT OF URBAN GREENERY STRATEGIES (UGS) FOR IMPROVING PEDESTRIAN THERMAL COMFORT (PTC), CASE OF ASYMMETRICAL STREET CONDITIONS IN BHOPAL	Prof. Mahua Mukherjee			19.11.2025	9.12.2025
95	18920050	Saurabh Sachan	Mechanical and Industrial Engineering	AUTONOMOUS NAVIGATION AND MULTIMODAL MANIPULATION FOR A MOBILE MANIPULATOR IN INDOOR ENVIRONMENTS FOR HUMAN-ROBOT INTERACTION	Prof. P. M. Pathak			22.12.2025	14.01.2026

Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
96	19921007	Shaila Mir	Metallurgical and Materials Engineering	RECYCLING OF PRINTED CIRCUIT BOARDS FOR VALUABLE METAL RECOVERY	Prof. Nikhil Dhawan			13.11.2025	24.12.2025
97	19914017	Sharma Naveenkumar R.	Electrical Engineering	PROTECTION SCHEMES FOR INTERNAL STATOR WINDING FAULTS IN INDUCTION MOTORS	Prof. Bhavesh R. Bhalja			17.10.2025	11.11.2025
98	19916010	Shashi Kant Sharma	Humanities and Social Sciences	DETERMINANTS OF PUBLIC AND PRIVATE HEALTH INSURANCE CONSUMPTION: A STUDY OF BIHAR	Prof. Subir Sen,			8.10.2025	30.10.2025
99	19920019	Shikha	Mechanical and Industrial Engineering	TECHNIQUE FOR SOUND SOURCE LOCALIZATION IN THREE-DIMENSIONAL SPACE USING TIME DELAY AND INTENSITY RATIO BASED ANALYTICAL APPROACH	Prof. Sneha Singh			29.08.2025	12.11.2025
100	19912011	Shikha Gupta	Earth Sciences	TECTONO-METAMORPHIC EVENTS RELATED TO FORMATION OF THE JAHAZPUR SHEAR ZONE: CONSTRAINTS FROM PETROCHRONOLOGICAL STUDIES	Prof. Lopamudra Saha			7.10.2025	6.11.2025
101	20916029	Shinde Amit Shivaji	Humanities and Social Sciences	IMPACT OF WORKPLACE OSTRACISM ON BURNOUT, PSYCHOLOGICAL WELL-BEING, AND MINDFULNESS OF EMPLOYEES	Prof. Pooja Garg			16.01.2026	4.02.2026
102	20918014	Shipra Mathur	Management Studies	AN EXPERIMENTAL INVESTIGATION OF MARKETING CUES IN AFFECTING AUTHENTICITY PERCEPTIONS ONLINE	Prof. Jogendra Kumar Naya			20.11.2025	28.11.2025
103	19914018	Shivateja Manala	Electrical Engineering	MODEL BASED INTER-TURN FAULT DIAGNOSIS IN PMSM DRIVE	Prof. Jeevanand S			13.11.2025	28.11.2025
104	22912006	Sohan Kumar	Earth Sciences	ROCK WEATHERING DYNAMICS IN THE GARHWAL HIMALAYA: A MULTIDISCIPLINARY APPROACH OF METAGENOMICS, U-SERIES AND COSMOGENIC RADIONUCLIDE DATING	Prof. Pradeep Srivastava			23.12.2025	29.12.2025

Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
105	20903011	Sourmyadeep Basak	Biosciences and Bioengineering	NANO-BIOMATERIAL-BASED MECHANOBIOLOGICAL PLATFORMS FOR TISSUE ENGINEERING APPLICATIONS	Prof. Copinath Packirisamy			29.12.2025	16.01.2026
106	21910052	Sourmyadeep Deb	Civil Engineering	DEVELOPMENT OF SPECIFICATIONS FOR THE USE OF WASTE PLASTIC IN ASPHALT MIXTURES	Prof. Praveen Kumar	Prof. Nikhil Saboo		25.11.2025	28.11.2025
107	18912034	Subhra Pratim Das	Earth Sciences	A COMPREHENSIVE FORMULATION OF ADAPTIVE METHODOLOGIES FOR SEISMIC WAVEFIELD ANALYSIS ACROSS DIVERSE GEOLOGY: IMPLICATIONS FOR ENERGY EXPLORATION	Prof. Sagarika Mukhopadhyay			19.11.2025	5.12.2025
108	18916020	Sushil Kumar	Humanities and Social Sciences	WELFARE EFFECTS AND HEALTH IMPACTS OF EXPOSURE TO ARSENIC-CONTAMINATED GROUNDWATER: EVIDENCE FROM WESTERN BIHAR, INDIA	Prof. Diptimayee Nayak			17.10.2025	6.11.2025
109	19916014	Sushree Routray	Humanities and Social Sciences	MATERNAL AMBIVALENCE AND PATRIARCHAL MOTHERHOOD: A MATRICENTRIC READING OF SELECT CONTEMPORARY SOUTH ASIAN MATERNAL FICTION	Prof. Rasmi Gaur			18.12.2025	14.01.2026
110	19910013	Suvam Banerjee	Civil Engineering	DEVELOPMENT OF TOURISTS' TRAVEL ADAPTATION BEHAVIOURAL MODELS UNDER CYCLONE THREAT	Prof. Indrajit Ghosh	Prof. Rajat Rastogi		29.10.2025	3.11.2025
111	20911010	Swadhin Das	Computer Science and Engineering	CAPTION GENERATION FOR REMOTE SENSING IMAGES USING LANGUAGE AND IMAGE PROCESSING TECHNIQUES	Prof. Raksha Sharma			24.11.2025	22.12.2025
112	19925049	Tanuj Kumar	Physics	STUDY OF ION DYNAMICS AT PEROVSKITE/ELECTROLYTE INTERFACE FOR NEXT-GENERATION ENERGY AND OPTOELECTRONIC DEVICES	Prof. Monojit Bag			17.10.2025	27.10.2025

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Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PGD (Approved by DoAA)
113	19916015	Ujjwal Khobra	Humanities and Social Sciences	CRITICAL AND CREATIVE POSTHUMANISM AS ENMESHMENT: A POST- LITERARY PERSPECTIVE ON THE EVERYDAYNESS OF POSTHUMAN BODIE(S) AND POSTHUMAN BECOMING(S)	Prof. Rasmi Gaur			18.12.2025	13.01.2026
114	18910076	Unnikrishnan S	Civil Engineering	EFFECT OF SEA WATER AND ORGANIC FLUIDS ON BEHAVIOUR OF MIXED MINEROLOGY CLAYS WITH MORPHOLOGICAL VALIDATION	Prof. N. K. Samadhiya			30.10.2025	7.11.2025
115	19909014	Varusha Bhardwaj	Chemistry	B-CYANOPORPHYRINS WITH MIXED SUBSTITUENTS PATTERN: SYNTHESIS, STRUCTURAL, SPECTRAL AND REDOX PROPERTIES AND THEIR APPLICATION IN SENSING, NONLINEAR OPTICS AND ELECTROCATALYSIS	Prof. M. Sankar			13.11.2025	25.11.2025
116	18926010	Vidyasagar Tummakuri	Water Resources Development and Management	DESIGN AND EXPERIMENTAL VALIDATION OF BATTERY-OPERATED SHORT ENDURANCE MARINE VESSELS	Prof. Thanga Raj Chelliah			10.11.2025	14.11.2025
117	19910031	Vikram Singh	Civil Engineering	AIR POLLUTION EXPOSURE ASSESSMENT OF TRAVELERS AND PROFESSIONAL BUS DRIVERS USING CONTINUOUS MOBILE MONITORING	Prof. Amit Agarwal			2.01.2026	14.01.2026
118	19908021	Vinod Kumar	Chemical Engineering	ELECTROCHEMICAL-THERMAL MODELING AND TAB DESIGN OPTIMIZATION FOR CYLINDRICAL LITHIUM-ION CELLS	Prof. Ashwini Kumar Sharma			29.12.2025	4.02.2026
119	19916019	Vishal Raj	Humanities and Social Sciences	NOT ALL MEN ARE MEN: A CRITICAL STUDY OF MEN AND MASCULINITY IN SELECT INDIAN TEXTS	Prof. Nagendra Kumar			23.01.2026	30.01.2026
120	18910077	Vishal Sharma	Civil Engineering	CROP YIELD ESTIMATION AND PREDICTION WITH REMOTE SENSING SATELLITE DATA USING MACHINE LEARNING TECHNIQUES	Prof. S.K. Ghosh			27.10.2025	29.10.2025

Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
121	20919016	Yash Arora	Mathematics	ROBUST VARIANTS OF TWIN SUPPORT VECTOR MACHINES FOR PATTERN CLASSIFICATION WITH APPLICATIONS	Prof. Shiv Kumar Gupta			7.01.2026	14.01.2026
122	19926009	Yogesh Kumar Kushwaha	Water Resources Development and Management	DESIGN AND DEVELOPMENT OF WSN-IoT BASED IRRIGATION SYSTEM	Prof. Ashish Pandey	Prof. Rajib Kumar Panigrahy		11.12.2025	17.12.2025
123	20916038	Namami Bansal *	Humanities and Social Sciences	IMPACT OF NATIONAL RURAL LIVELIHOODS MISSION & CONVERGENCE ON LIVELIHOODS IN RURAL-HILL ECONOMY OF UTTARAKHAND	Prof. D. Bharat			09.01.2026	

*Subject to obtaining the No Dues.


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Appendix 'D'

Item No. BOG / 75.10

No. 25013/01/2024-Pers.Policy A-IV

Government of India

Ministry of Personnel, Public Grievances & Pensions

Department of Personnel & Training

Kartavya Bhawan-3, 31070 First Floor

Janpath, New Delhi – 110001

Dated: 11th August, 2025

OFFICE MEMORANDUM

Subject:- Review of Government Employee for strengthening of administration under the provisions of FR 56(j) – Progress of the cases - Regarding

As all the Ministries/Departments are aware, the review of Government Employee for strengthening of administration under the provisions of FR 56(j) is one of the priority areas of the Government. In this regard, detailed consolidated instructions issued by this Department, vide OM No.25013/03/2019-Estt.A-IV dated 28.08.2020 detailing the procedures to be followed in identifying the cases of premature retirement under FR 56 (j)/(l) and Rule 48 of CCS (Pension) Rules, 1972 [revised as Rule 42 of CCS (Pension) Rules, 2021] may be referred to for strict compliance by all the Ministries/Departments.

2. This Department has been following up with all the Ministries/Departments about the progress of the cases for the period from 1.4.2024 onwards, taken up by respective Departments and updation of information on probity portal on regular basis, including attached/subordinate/public sector enterprises under their administrative control. In this regard, a series of the meetings have been held at Secretary level to sensitize all the Ministries/Departments to conduct the review of their employees under the provisions of FR(j) on regular basis. It is to mention that the information for the period from 1.4.2024 onwards is due for review in the instant month.

3. However, some discrepancies have been noted from the information being provided by the concerned Ministries/Departments including their attached, subordinate and PSUs under their administrative control when compared with the information provided earlier and now, which is causing ambiguity while monitoring the progress of the cases reported under the provisions of FR 56(j) and other provisions.



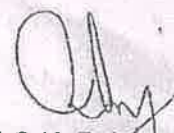
15 APR 2025

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4. It is, therefore, once again requested to furnish the updated (as on date) consolidated information effective from 1st April, 2024 on kumar.lalit@nic.in and mishra.sushil@nic.in duly verified from already provided information and also duly updated as per the information furnished on probity portal, in the given below format on priority:

Ministry/ Department	Category Of Employee	Total Number of Employees <u>As on today</u>	Number of Employees due for Review (Above 50, 55 years or 30 years service)	Number of Employees reviewed Under FR56(j) <u>w.e.f.</u> <u>1-4-2024</u>	Number of Employees Prematurely Refired under FR 56(j)	No. of employees Compulsorily Removed / Dismissed / Retired under other provisions
Ministries/ Department Attached Subordinate Offices, etc.	Group A					
	Group B					
	Group C					
PSUs PSEBs, etc under Admn. control	Executive					
	Non- Executive					

5. As the requested information of all Ministries/ Departments including their attached/subordinate/PSUs/etc. will be reviewed shortly by the competent authority during the instant month, due priority be accorded in furnishing the information by 14.8.2025 positively.



(G.K. Rajnish)

Deputy Secretary to the Government of India
Tele No.24010644

To
All Ministries/Departments of Gol
(As per standard list)



15 APR 2026

**FINANCIAL STATUS UNDER OH-31, OH-35 & OH-36
(SUMMARY)**

**Appendix 'F'
Item No. BOG / 75.19**

Object Head	Components	2025-26				Budget Estimate for the F.Y. 2026-27
		Fund Released by MoE for F.Y. 2025-26	Estimated Expenditure		Total	
			From MoE Fund	From Institute Resources		
OH-31	(A) - Pension , Fellowship , Non Salary Components	378.95	378.95	22.05	401.00	440.00
	(B) - Interest on HEFA loan	13.92	13.92	0.11	14.03	17.00
	Total OH-31 (A+B)	392.87	392.87	22.16	415.03	457.00
OH-35	Creation of Capital Assets	177.50	177.50	5.33	182.83	250.00
OH-36	Salary (Teaching & Non-Teaching)	318.00	310.00	0.00	310.00	340.00
	Total (OH-31+35+36)	888.37	880.37	27.49	907.86	1047.00

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**FINANCIAL STATUS UNDER OH-31
(SUMMARY)**

Rs. in Crore

Object Head	Components	2025-26			Budget Estimate for the F.Y. 2026-27	
		Fund Released by MoE for F.Y. 2025-26	Estimated Expenditure			
			From MoE Fund	From Institute Resources		Total
OH-31	Pension	378.95	104.00	0.00	104.00	114.00
	Fellowship		94.00	0.00	94.00	103.00
	Contractual Staff/ Manpower		68.00	0.00	68.00	75.00
	Non Salary		112.95	22.05	135.00	148.00
	(A) - OH-31		378.95	22.05	401.00	440.00
	(B) - Interest on HEFA loan	13.92	13.92	0.11	14.03	17.00
	Total OH-31 (A+B)	392.87	392.87	22.16	415.03	457.00

**FINANCIAL STATUS UNDER OH-35
(SUMMARY)**

Rs. in Crore						
Object Head	Components	2025-26				Budget Estimate for the F.Y. 2026-27
		Fund Released by MoE for F.Y. 2025-26	Estimated Expenditure			
			From MoE Fund	From Institute Resources	Total	
OH-35	Development of Laboratory Infrastructure, Networking & Central Facilities	177.50	125.00	1.39	126.39	160.00
	Building and Works		52.50	3.94	56.44	90.00
		Total (OH-35)	177.50	177.50	5.33	182.83

Rs. in Crore


15 APR 2026

FINANCIAL STATUS UNDER OH-36 (SUMMARY)

Object Head	Components	2025-26			Budget Estimate for the F.Y. 2026-27	
		Fund Released by MoE for F.Y. 2025-26	Estimated Expenditure			
			From MoE Fund	From Institute Resources		Total
OH-36	Salary Teaching Staff	318.00	232.00	-	232.00	255.00
	Salary Non-Teaching Staff		78.00	-	78.00	85.00
	Total (OH-36)	318.00	310.00	0.00	310.00	340.00

Rs. in Crore


15 APR 2026

FINANCIAL STATUS UNDER IRG INTERNAL RECEIPTS

Rs. in Crore

Sl. No.	HEADS	Estimated Receipts in 2025-26	Estimated Budget 2026-27
1	IRG (Fee, Interest, user charges, etc.)	105.00	110.00
2	Income committed for repayment of premium of HEFA Loan	58.73	98.00
3	Balance Net Income (1-2)	46.27	12.00


15 APR 2026

Status of loan availed under HEFA							
Sl. No.	Project proposed/Sanctioned	Date of Sanctioned	Project Cost Sanctioned	Cost Escalation Sanctioned	Total Project cost Sanctioned	Expenditure	Balance/ Status
1	Construction of Student Hostel 800 capacity	22.10.2018 Rs. 275.94 Crore	80.00	22.65	102.65	98.79	Completed and full payment also done.
2	Construction of faculty residence at Vikas Nagar		119.37	29.13	148.50	147.21	
3	33 KV underground cable from Ramnagar to IIT Roorkee (UPCL)		8.57	-	8.57	6.93	
4	Ultra High Speed secured wired and wireless Internet at IITR campus		68.00	5.29	73.29	72.01	
5	Chilled water cooler system for Lecture Hall complex -I & II	27.11.2018 Rs. 87.43 Crore	21.43	-	21.43	15.13	
6	Construction of Academic Building for Humanities and Mathematics department.		66.00	6.00	72.00	70.84	
7	Construction of Western Academic Block	23.06.2020 Rs. 160.90 crore	71.42	-	71.42	71.41	0.01
8	New building for Chemistry Department		89.48	-	89.48	71.95	17.53
	Total		524.27	63.07	587.34	554.27	17.54
Rs. 97.00 crore (New loan applied)							
Sl. NO.	Project proposed	Proposed outlay/ demand		Remark			
1.	Construction of Research Park cum convention Centre	Rs. 97.00 Crores		Project submitted to HEFA & Ministry for approval of loan			

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