सीनेट की एकसौनौवीं बैठक का कार्यवृत्त

MINUTES OF THE 109TH MEETING OF THE SENATE

28 अप्रैल 2026
28TH APRIL 2026

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

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

सूची/INDEX

मुद्दा सं0/ Item No.	विवरण/Particulars	पृष्ठ/ Page(s)
109.1	सीनेट की दिनांक 18.02.2026 को आयोजित हुई 108वीं बैठक के कार्यवृत्त की पुष्टि करना। To confirm the minutes of the 108th Senate meeting held on 18.02.2026.	1
109.2	सीनेट की दिनांक 18.02.2026 को आयोजित हुई 108वीं बैठक में लिए गए निर्णयों के क्रियान्वयन पर की गई कार्यवाही को रिपोर्ट करना। To report on the actions taken to implement the decisions of the Senate taken in its 108th meeting held on 18.02.2026.	1
109.3	जानपद अभियांत्रिकी विभाग द्वारा कॉलेज ऑफ़ मिलिट्री इंजीनियरिंग (CME), पुणे के सहयोग से रक्षा अधिकारियों के लिए 'M.Tech. in Pavement Technology' नामक एक कार्यक्रम शुरू करने पर विचार करना। To consider the introduction of a programme 'M.Tech. in Pavement Technology' for Defense Officers by the Department of Civil Engineering in collaboration with the College of Military Engineering (CME), Pune.	2
109.4	पूर्व-पीएचडी शोधार्थियों के दीक्षांत समारोह–2026 में एम.एस. (शोध द्वारा) उपाधि प्रदान किए जाने संबंधी अनुरोधों पर विचार करना। To consider the requests of ex-Ph.D. Research Scholars for the award of M.S. (by Research) Degree in Convocation–2026.	2

19 MAY 2026

109.5	मौखिक परीक्षा समिति (ODC) की रिपोर्ट में D/C/Sc-RC के अनुमोदन हेतु मौजूदा प्रक्रिया से संबंधित मुद्दे पर विचार करना। To consider the issue regarding the existing procedure for D/C/Sc-RC endorsement in Oral Defence Committee (ODC) reports.	2
109.6	संस्थान उपकरण केंद्र (IIC) के अंतर्गत प्रस्तुत पीएचडी शोध-प्रबंध में विशेषज्ञता के उल्लेख से संबंधित मामले पर विचार करना। To consider the matter regarding the mention of specialisation in the Ph.D. thesis submitted under the Institute Instrumentation Centre (IIC).	3
109.7	पीएचडी कार्यक्रमों को महत्वपूर्ण प्रौद्योगिकियों और राष्ट्रीय प्राथमिकताओं के साथ संरेखित करने हेतु उपायों के कार्यान्वयन पर विचार करना। To consider the implementation of measures for aligning Ph.D. programmes with critical technologies and national priorities.	3
109.8	भारतीय प्रौद्योगिकी संस्थानों (IITs) के बीच शैक्षणिक सहयोग के लिए समझौता ज्ञापन पर विचार करना। To consider the Memorandum of Understanding on Academic Cooperation between the Indian Institutes of Technology (IITs).	3
109.9	शैक्षणिक वर्ष 2025-26 के दौरान विधिवत अर्हता प्राप्त करने वाले 70 शोधार्थियों को पीएचडी डिग्री प्रदान करने पर विचार करना। To consider the award of Ph.D. Degrees to 70 Research Scholars, who have duly qualified during Academic Year 2025-26.	4
109.10	नये पुरस्कार/छात्रवृत्ति की स्थापना को रिपोर्ट करना। To report the Institution of new Awards/ Scholarships.	4
109.11	MCM छात्रवृत्तियों के लिए पात्रता मानदंडों में किए गए मामूली बदलाव पर सीनेट के अध्यक्ष द्वारा दिए गए अनुमोदन को रिपोर्ट करना। To report the approval of the Chairman, Senate, on the minor change in the Eligibility Criteria for MCM Scholarships.	4
109.12	शैक्षणिक वर्ष 2025-26 के लिए उत्कृष्टता पुरस्कारों हेतु सीनेट के अध्यक्ष द्वारा दी गई स्वीकृति को रिपोर्ट करना। To report the approval accorded by the Chairman, Senate on Excellence Awards for the Academic Year 2025-26.	4
109.13	सीनेट के अध्यक्ष द्वारा दिए गए अनुमोदन को रिपोर्ट करना। To report the approvals accorded by the Chairman, Senate.	4
Ann.-I	दिनांक 28.04.2026 को उपस्थित सदस्यों की सूची। List of members present on 28.04.2026.	5-8

19 MAY 2026

Ann.-II	दिनांक 28.04.2026 को बैठक में शामिल होने में असमर्थता व्यक्त करने वाले सदस्यों की सूची। List of members who conveyed their inability to join the meeting on 28.04.2026.	9
App.-A	'M.Tech. in Pavement Technology' की कार्यक्रम संरचना। Programme structure of the 'M.Tech. in Pavement Technology'.	10-12
App.-B	भारतीय प्रौद्योगिकी संस्थानों (IITs) के बीच शैक्षणिक सहयोग पर समझौता ज्ञापन (MoU) का प्रारूप। Format of Memorandum of Understanding (MoU) on Academic Cooperation between the Indian Institutes of Technology (IITs).	13-29
App.-C	शैक्षणिक वर्ष 2025-26 के दौरान विधिवत अर्हता प्राप्त करने वाले 70 शोधार्थियों की सूची। List of 70 Research Scholars duly qualified during the Academic Year 2025-26.	30-37

19 MAY 2026

INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
MEETING SECTION

Minutes of the 109th Meeting of the Senate held on 28.04.2026 at 04:00 P.M. in the Senate Hall.

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

At the outset, the Chairman welcomed the following new members into the Senate, and wished for their valuable contributions and active participation in the meetings of the Senate:

1. Prof. Vishvendra Singh Poonia, Head, Centre for Semiconductor Design & Technology
2. Prof. P. Vinod, ADoSW (Students Wellness)
3. Prof. Anil Kumar, Chairman, SCSP

Thanks were also placed on record for the valuable contributions of the outgoing members, Prof. Ghanshyam Das Verma, Department of Physics, and outgoing Chairman, SCSP, Prof. Yogesh Vijay Hote.

In his opening remarks, the Chairperson talked about the End of Semester, and forthcoming examination of JEE (Advanced) to be conducted on May 17, 2026, and asked the support from all.

The agenda was taken up.

Item No. 109.1: To confirm the minutes of the 108th Senate meeting held on 18.02.2026.

No comment was received. The Senate confirmed the minutes of the 108th meeting as circulated.

Item No.109.2: To report on the actions taken to implement the decisions of the Senate taken in its 108th meeting held on 18.02.2026.

The Senate noted the actions taken on the minutes.

19 MAY 2026

Item No.109.3: To consider the introduction of a programme 'M.Tech. in Pavement Technology' for Defense Officers by the Department of Civil Engineering in collaboration with the College of Military Engineering (CME), Pune.

The Senate considered the recommendations of the IAPC and approved the proposal to start a M.Tech. programme in 'Pavement Technology' for Defense Officers in the Department of Civil Engineering with the programme structure as given in **Appendix-A**. The admission requirements for the programme are as follows:

(i) Intake- 12 (fixed)
(ii) Admission regulations of full-time sponsored candidates will be followed.
(iii) MEQ - Bachelor's degree in Civil Engineering or equivalent in relevant discipline.

Item No.109.4: To consider the requests of ex-Ph.D. Research Scholars for the award of M.S. (by Research) Degree in Convocation–2026.

The Senate considered the recommendations of the IRC for the award of M.S. (by Research) Degree to Mr. Arvind Kumar Mishra (En.No.21914006) & Mr. Sachin Jain (En.No.21910044) by allowing them to utilize the Exit option from their Ph.D. programme.

Item No.109.5: To consider the issue regarding the existing procedure for D/C/Sc-RC endorsement in Oral Defence Committee (ODC) reports.

The Senate considered the recommendations of the IRC and approved the discontinuation of the requirement of post-facto endorsement by the Chairperson, DRC.

The modified composition of the ODC for Ph.D. viva voce examination will be the following:

At Present	Modified (As approved)
1. Head of the Department/ Centre/School (or nominee) 2. Chairperson, SRC 3. External Examiner 4. Supervisor(s) Post-facto endorsement of the Chairperson, D/C/Sc-RC.	1. Head of the Department/ Centre/School (or nominee) 2. Chairperson, SRC 3. External Examiner 4. Supervisor(s)

19 MAY 2026

Item No.109.6: To consider the matter regarding the mention of specialisation in the Ph.D. thesis submitted under the Institute Instrumentation Centre (IIC).

The Senate considered the item and suggested that the prospective student for Ph.D. programme should be enrolled in the department/centre/school having the available research areas, aligned to the student's core study of UG & PG, as otherwise IIC is only a central facility, housed with sophisticated instruments of multi-disciplinary research areas.

Further, the Senate, to address the requests of the current Research Scholars, who were otherwise enrolled in IIC, authorized the Dean of Academic Affairs to issue a separate certificate to these research scholars, specifying the area of research in which he/she had undertaken his/her work in consonance with the 'Title' of Thesis.

Item No.109.7: To consider the implementation of measures for aligning Ph.D. programmes with critical technologies and national priorities.

The Senate, on the lines of the IIT Council resolution, considered and approved the IRC recommendations to align the research work with critical technologies and national priorities, which finally led to the award of the Ph.D.

Further, the Senate accepted the recommendations to develop a mechanism on the academic portal through the Department/Centre/School Research Committees (D/C/Sc-RC), which will mandatorily capture details of the proposed research topic. On the portal, the broad research areas will also be available through a drop-down option. That will include the option for "other" field, such as humanities, etc.

Item No.109.8: To consider the Memorandum of Understanding on Academic Cooperation between the Indian Institutes of Technology (IITs).

The Senate considered the recommendations of the IRC and approved the proposed format of Memorandum of Understanding (MoU) on Academic Cooperation between the Indian Institutes of Technology (IITs), as given in **Appendix-B**, with the following suggested additions:

(i) Start-ups also be added under exchange programme.
(ii) Ownership of IIT be clear about in case of Patent.

19 MAY 2026

Item No.109.9: To consider the award of Ph.D. Degrees to 70 Research Scholars, who have duly qualified during Academic Year 2025-26.

The Senate considered and recommended to the Board of Governors to award Ph.D. Degrees to 70 Research Scholars, as given in **Appendix-C**, who have duly qualified for the award of Ph.D. degrees during Academic Year 2025-26.

Item No.109.10: To report the Institution of new Awards/ Scholarships.

The Senate noted the item.

Item No.109.11: To report the approval of the Chairman, Senate, on the minor change in the Eligibility Criteria for MCM Scholarships.

The Senate noted that the CGPA (excluding YGPA) based MCM eligibility criteria were approved.

Item No.109.12: To report the approval accorded by the Chairman, Senate on Excellence Awards for the Academic Year 2025-26.

The Senate noted the item.

Item No.109.13: To report the approvals accorded by the Chairman, Senate.

The Senate noted the item.

At the end of the meeting, the Chairman, Senate informed about a proposal for admission through sports quota that was duly approved by the Senate in its 96th meeting held on 07.06.2023 vide Item No.96.4.

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

19 MAY 2026

Annexure-I

Following were present

1.	Prof. K.K. Pant	Director & Chairman of the Senate
2.	Prof. U.P. Singh	Dy. Director
3.	Prof. Rajan Arora	Applied Math. and Scientific Computing
4.	Prof. Jaydev	Applied Math. and Scientific Computing
5.	Prof. Arindam Biswas	Architecture and Planning
6.	Prof. Mahua Mukherjee	Architecture and Planning
7.	Prof. Uttam Kumar Roy	Architecture and Planning
8.	Prof. Srinivas Kiran Ambatipudi	Biosciences and Bioengineering
9.	Prof. Harsh Chauhan	Biosciences and Bioengineering
10.	Prof. Sanjay Ghosh	Biosciences and Bioengineering
11.	Prof. Naveen Kumar Navani (DoAA)	Biosciences and Bioengineering
12.	Prof. Gopinath Packirisamy	Biosciences and Bioengineering
13.	Prof. Ranjana Pathania	Biosciences and Bioengineering
14.	Prof. M.K. Mohan Poluri	Biosciences and Bioengineering
15.	Prof. Ramasare Prasad	Biosciences and Bioengineering
16.	Prof. Partha Roy	Biosciences and Bioengineering
17.	Prof. Debabrata Sircar	Biosciences and Bioengineering
18.	Prof. Shri Ram Yadav	Biosciences and Bioengineering
19.	Prof. Prakash Biswas	Chemical Engineering
20.	Prof. Amit Kumar Dhiman	Chemical Engineering
21.	Prof. Vimal Kumar	Chemical Engineering
22.	Prof. Vimal Chandra Srivastava	Chemical Engineering
23.	Prof. Naseem Ahmad	Chemistry
24.	Prof. Debasis Banerjee	Chemistry
25.	Prof. R.K. Dutta	Chemistry
26.	Prof. Kaushik Ghosh	Chemistry
27.	Prof. Prasenjit Kar	Chemistry
28.	Prof. Paritosh Mohanty	Chemistry
29.	Prof. Jeevanandam P.	Chemistry
30.	Prof. R.K. Peddinti	Chemistry
31.	Prof. Kalyan Kumar Sadhu	Chemistry
32.	Prof. Muniappan Sankar	Chemistry
33.	Prof. Anuj Sharma	Chemistry
34.	Prof. Rahul Dev Garg	Civil Engineering
35.	Prof. Indrajit Ghosh	Civil Engineering
36.	Prof. Praveen Kumar	Civil Engineering
37.	Prof. Priti Maheshwari	Civil Engineering
38.	Prof. Rajat Rastogi	Civil Engineering
39.	Prof. N.K. Samadhiya	Civil Engineering

19 MAY 2026

40.	Prof. Sudipta Sarkar	Civil Engineering
41.	Prof. Vishwas Sawant	Civil Engineering
42.	Prof. Pramod Kumar Sharma	Civil Engineering
43.	Prof. Umesh Kumar Sharma	Civil Engineering
44.	Prof. R. Balasubramanian	Computer Science and Engineering
45.	Prof. Sandeep Kumar	Computer Science and Engineering
46.	Prof. Rajdeep Niyogi	Computer Science and Engineering
47.	Prof. Sateesh Kumar Peddoju	Computer Science and Engineering
48.	Prof. S.C. Gupta	Earthquake Engineering
49.	Prof. Ravi Shankar Jakka	Earthquake Engineering
50.	Prof. Bal Krishna Maheshwari	Earthquake Engineering
51.	Prof. Daya Shanker	Earthquake Engineering
52.	Prof. Yogendra Singh	Earthquake Engineering
53.	Prof. B.R. Bhalja	Electrical Engineering
54.	Prof. Yogesh Vijay Hote	Electrical Engineering
55.	Prof. Premalata Jena	Electrical Engineering
56.	Prof. Dheeraj Kumar Khatod	Electrical Engineering
57.	Prof. Mukesh Kumar Pathak	Electrical Engineering
58.	Prof. Manoj Tripathy	Electrical Engineering
59.	Prof. Barjeev Tyagi	Electrical Engineering
60.	Prof. Anand Bulusu	Electronics and Communication Engg.
61.	Prof. Bishnu Prasad Das	Electronics and Communication Engg.
62.	Prof. Sanjeev Manhas	Electronics and Communication Engg.
63.	Prof. Akhilesh Mohan	Electronics and Communication Engg.
64.	Prof. N.P. Pathak	Electronics and Communication Engg.
65.	Prof. Pyari Mohan Pradhan	Electronics and Communication Engg.
66.	Prof. Meenakshi Rawat (ADoAA-A)	Electronics and Communication Engg.
67.	Prof. Nagendra Kumar	Humanities and Social Sciences
68.	Prof. Binod Mishra	Humanities and Social Sciences
69.	Prof. M.K. Jain	Hydrology
70.	Prof. Sumit Sen	Hydrology
71.	Prof. Brijesh Kumar Yadav	Hydrology
72.	Prof. Sunil Kumar Singhal	Hydro and Renewable Energy
73.	Prof. Ramesh Chandra	Institute Instrumentation Centre
74.	Prof. Ramesh A.	Management Studies
75.	Prof. Rajat Agrawal	Management Studies
76.	Prof. Jogendra Kumar Nayak	Management Studies
77.	Prof. Anil Kumar Sharma	Management Studies
78.	Prof. Vinay Sharma	Management Studies
79.	Prof. Sandip Banerjee	Mathematics
80.	Prof. Shiv Kumar Gupta	Mathematics
81.	Prof. Sanjeev Kumar	Mathematics
82.	Prof. Ammeya Kumar Nayak	Mathematics

19 MAY 2026

83.	Prof. Uaday Singh	Mathematics
84.	Prof. A. Swaminathan	Mathematics
85.	Prof. Navneet Arora	Mechanical and Industrial Engg.
86.	Prof. Arup Kumar Das	Mechanical and Industrial Engg.
87.	Prof. Akshay Dvivedi	Mechanical and Industrial Engg.
88.	Prof. P.K. Jha	Mechanical and Industrial Engg.
89.	Prof. Anil Kumar (Ch. SCSP)	Mechanical and Industrial Engg.
90.	Prof. Ravi Kumar	Mechanical and Industrial Engg.
91.	Prof. Rahul Sampatrao Mulik	Mechanical and Industrial Engg.
92.	Prof. Avinash Parashar	Mechanical and Industrial Engg.
93.	Prof. P.M. Pathak	Mechanical and Industrial Engg.
94.	Prof. Apurbba Kumar Sharma	Mechanical and Industrial Engg.
95.	Prof. Inderdeep Singh	Mechanical and Industrial Engg.
96.	Prof. Indra Vir Singh	Mechanical and Industrial Engg.
97.	Prof. Andallib Tariq	Mechanical and Industrial Engg.
98.	Prof. S.H. Upadhyay	Mechanical and Industrial Engg.
99.	Prof. B.S.S. Daniel	Metallurgical and Materials Engg.
100.	Prof. B.V.M. Kumar	Metallurgical and Materials Engg.
101.	Prof. Vivek Pancholi	Metallurgical and Materials Engg.
102.	Prof. Rajdeep Chatterjee	Physics
103.	Prof. M.V. Sunil Krishna	Physics
104.	Prof. Vivek Kumar Malik	Physics
105.	Prof. Anirban Mitra	Physics
106.	Prof. Vipul Rastogi	Physics
107.	Prof. Sumanta Sarkhel	Physics
108.	Prof. Yogesh Kumar Sharma	Physics
109.	Prof. Praveen Chandra Srivastava	Physics
110.	Prof. Sujay Chattopadhyay	Polymer and Process Engineering
111.	Prof. Thanga Raj Chelliah	WRD&M

112. Prof. Vishvendra Singh Poonia, Head, Centre for Semiconductor Design & Technology
113. Prof. Sanjeev Kumar Prajapati, Head, Department of Hydro & Renewable Energy
114. Prof. Amit Agarwal, Associate Dean, Corporate Interaction (ADCI)
115. Prof. Falguni Pattanaik, ADOAA (Curriculum)
116. Prof. Pradeep Srivastava, ADOAA (Evaluation)
117. Prof. P. Vinod, ADoSW (Students Wellness)
118. Dr. Sanjeev Kumar Sunny, Actg. Librarian
119. Mr. Prashant Garg, Registrar & Secretary, Senate

19 MAY 2026

Students' representative

120. Mr. Aakash Ghariya, Convener, Students' Affairs Council
121. Mr. Mudasani Rushikesh, General Secretary Academic Affairs (UG)
122. Mr. Aman Kumar, General Secretary Academic Affairs (PG)

19 MAY 2026

Annexure-II

The following members conveyed their inability to join the meeting.

1. Prof. Manoranjan Parida, Department of Civil Engineering
2. Prof. Maheshanand, Department of Mathematics
3. Prof. Manish Mishra, Department of Mechanical and Industrial Engineering
4. Prof. Sudhakar Subudhi, Department of Mechanical and Industrial Engineering
5. Prof. Ajay, Department of Physics
6. Prof. Ajay Wasan, Department of Physics
7. Prof. Ashish Pandey, Department of Water Resources Development and Management
8. Prof. Deepak Khare, Department of Water Resources Development and Management

19 MAY 2026

DEPARTMENT OF CIVIL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

Program Code : **XXX M.Tech. (Pavement Technology) [for Defense Officers]**
Department : **Department of Civil Engineering**
Year : **I**
Model : **2**

Teaching Scheme					Contact Hours/Week			Exam Duration	
S.No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical
Semester-I (Autumn) Fully at IIT Roorkee main Campus									
1.	CEC-523	Advanced Soil Mechanics	PCC	4	3	0	2	3	0
2.	CEC-551	Traffic Analysis and Design	PCC	3	3	0	0	3	0
3.	CEC-553	Highway Material Characterisation	PCC	4	3	0	2	3	0
4.	CEC-555	Pavement Evaluation and Management	PCC	3	3	0	0	3	0
5.	CEC-557	Geometric Design	PCC	3	3	0	0	3	0
6.		Social Science Course	SSC	2	-	-	-	-	-
		Total		**19**					
Semester-II (Spring) at hybrid mode at CME Pune									
1.		Program Elective-I	PEC	4	-	-	-	-	-
2.		Program Elective-II	PEC	4	-	-	-	-	-
3.		Program Elective-III	PEC	4	-	-	-	-	-
4.		Program Elective-IV	PEC	4	-	-	-	-	-
5.		Science, Technology, and Advanced Research-tools	STAR	3	-	-	-	-	-
6.	CEC-700	Seminar	SEM	2	-	-	-	-	-
		Total		**21**					

Note: 1. Maximum two (02) program elective(s) will be taught (online) by IIT Roorkee and evaluation will be by IIT Roorkee. Rest of the courses will be taught and evaluated by CME at CME Campus.
2. Electives can be selected from the list of electives.

19 MAY 2026

DEPARTMENT OF CIVIL ENGINEERING
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE

Program Code : **XXX M.Tech. (Pavement Technology) [for Defense Officers]**
Department : **Department of Civil Engineering**
Year : **II**
Model : **2**

Teaching Scheme					Contact Hours/Week			Exam Duration	
S.No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical
Semester-I (Autumn)									
1.	CEC-691	Internship Social Activity	ISA	3	-	-	-	-	-
2.	CEC-701A	Thesis Stage-I	THESIS	10	-	-	-	-	-
		Total		**13**					
Semester-II (Spring)									
1.	CEC-701B	Thesis Stage-II	THESIS	14	-	-	-	-	-
		Total		**14**					

Note: 1. Thesis will be based on Problem Definition Statement of Indian Army. It will be approved by IIT Roorkee in consultation with CME.
2. Joint Supervisor from CME & IIT Roorkee.
3. Evaluation at IIT Roorkee.
4. Campus Immersion at IIT Roorkee depending on nature of thesis for 2-4 weeks (depends on Experimental and Analytical part of the Thesis)

Summary				
Semester	**1**	**2**	**3**	**4**
Semester-wise Total Credits	19	21	13	14
Total Credits	**67**			

19 MAY 2026

M.Tech. (Pavement Technology) [for Defense Officers]

Program Elective Courses

Teaching Scheme					Contact Hours/Week			Exam Duration	
S.No.	Subject Code	Course Title	Subject Area	Credits	L	T	P	Theory	Practical
1.	CEL-540	Pavement Analysis and Design	PEC	4	3	1	0	3	0
2.	CEL-546	Advanced Highway Construction and Maintenance	PEC	4	3	0	2	3	0
3.		Cold Regions, High-Altitude and Desert Construction	PEC	4	3	0	2	3	0
4.		Construction Management, Contracts & Logistics for Defense Projects	PEC	4	3	1	0	3	0
5.		Advanced Geotechnical Design for Pavements (subgrade improvement, geosynthetics)	PEC	4	3	1	0	3	0
6.		Remote Sensing & GIS for Road Asset Management (drone mapping, satellite)	PEC	4	3	0	2	3	0
7.		Structural Health Monitoring of Runways and Highways using AI/ML	PEC	4	3	1	0	3	0
8.		Sustainable Materials & Cold Mix Technology (recycling, low-temp binders)	PEC	4	3	0	2	3	0
9.		Airport Engineering & Rapid Runway Repair	PEC	4	3	1	0	3	0
10.		Quality Assurance & Safety in Defense Infrastructure (Airfield)	PEC	4	3	0	2	3	0
Note: Students should opt for PECs in such a way that they earn 03 credits from practical components in the entire programme.									

The CME, Pune should propose a basket of STAR courses in consultation with the CED.

19 MAY 2026

MEMORANDUM OF UNDERSTANDING ON ACADEMIC COOPERATION BETWEEN THE INDIAN INSTITUTES OF TECHNOLOGY (IITs)

Indian Institute of Technology **BHU, Varnasi**, Indian Institute of Technology **Bhilai** (Chattisgarh), Indian Institute of Technology **Bhubaneshwar**, Indian Institute of Technology, **Bombay**, Indian Institute of Technology, **Delhi**, Indian Institute of Technology **Dharwad**, Indian Institute of Technology (Indian School of Mines) **Dhanbad**, Indian Institute of Technology **Gandhi Nagar**, Indian Institute of Technology **Goa,** Indian Institute of Technology **Guwahati**, Indian Institute of Technology **Hyderabad**, India, Indian Institute of Technology **Indore**, Indian Institute of Technology **Jammu,** Indian Institute of Technology **Jodhpur** Indian Institute of Technology **Kanpur,** Indian Institute of Technology **Kharagpur**, Indian Institute of Technology **Madras**, Indian Institute of Technology **Mandi**, Indian Institute of Technology **Palakkad**, Indian Institute of Technology **Patna,** Indian Institute of Technology **Roorkee**, Indian Institute of Technology **Ropar,** Indian Institute of Technology **Tirupati,** India.

hereby agree to this Memorandum of Understanding on student exchange and collaborative research activities.

Hereafter, **Home IIT refers to the Indian Institute of Technology at which a student is formally admitted and enrolled for the purpose of earning a degree.**

Host IIT refers to the Indian Institute of Technology to which the student is nominated or sent as an exchange student for a specified academic period under this Agreement.

Home IIT and Host IIT (hereinafter referred to individually as a "Party" and collectively as the "Parties") agree to establish a framework for academic and research collaboration in accordance with the terms and conditions set forth in this Memorandum of Understanding (MoU).

1. Scope of Collaboration

This MoU provides for cooperation in academic and research activities in areas of mutual interest, including but not limited to:

1. Academic and research collaboration in mutually agreed disciplines.
2. Exchange of academic and scholarly information, materials, and publications.
3. Exchange of students and faculty members.
4. Joint organization and sponsorship of seminars, workshops, conferences, and other academic meetings.

Specific activities undertaken pursuant to this MoU shall be subject to mutually agreed terms and applicable institutional regulations.

19 MAY 2026

2. Student Exchange

Pursuant to this MoU, Home IIT and Host IIT shall facilitate the exchange of students in accordance with the terms and conditions set forth in Annexure 1.

Both Parties express their intent to promote a meaningful and balanced exchange of students in both directions, subject to institutional capacity and academic requirements.

3. Research Collaboration

Faculty members from both Parties shall collaborate in:

- Joint supervision of exchange students; and
- Conducting collaborative research in disciplines of mutual interest.

All joint research activities shall be governed by the terms and conditions specified in **Annexure 2**, including provisions relating to intellectual property, publications, confidentiality, and funding arrangements, as applicable.

4. Commencement, Duration, Renewal, and Termination

Commencement and Duration
This MoU shall come into effect on the date of the last signature affixed hereto and shall remain valid for a period of five (5) years.

Renewal
This MoU may be renewed upon expiry by mutual written consent of both Parties.

Termination
Either Party may terminate this MoU upon its expiry by providing written notice to the other Party at least six (6) months prior to the expiration date.

Early termination during the validity period may be effected by mutual written agreement of the Parties.

Dispute Resolution
Any disputes arising from the interpretation or implementation of this MoU shall be resolved amicably through mutual discussions between the authorized representatives of the Parties

5. Review and Amendment

This MoU, including any actions undertaken pursuant to it, may be reviewed at any time by mutual consent.

Any modification, amendment, or extension of this MoU shall be made in writing and formalized through a signed addendum or exchange of official letters between the Parties.

19 MAY 2026

6. Non-Binding Nature

This MoU represents the intent of the Parties to collaborate in good faith and does not create legally binding obligations unless otherwise agreed in separate written agreements for specific activities.

Signatures

For IIT Bhilai (Chattisgarh)	For IIT BHU, Varnasi
Prof.Rajiv Prakash Director	Prof.Amit Patra Director

For IIT Bhubaneshwar, India	For IIT Bombay, India
Prof. Shreepad Karmalkar Director	Prof. Shireesh Kedare Director

For IIT Delhi India	For IIT Dharwad, India
Prof. Rangan Banerjee Director	Prof. Venkappayya R. Desai Director

19 MAY 2026

For IIT Dhanbad, India	For IIT Gandhinagar India
Prof. Sukumar Mishra Director	Prof. Rajat Moona Director

For IIT Goa, India	For IIT Guwahuti, India
Prof. Dhirendra S Katti Director	Prof. Devendra Jalihal Director

For IIT Hyderabad, India	For IIT Indore, India
Prof.B.S.Murty Director	Prof. Suhas S. Joshi Director

For IIT Jammu, India	For IIT Jodhpur India
Prof. Manoj Singh Gaur Director	Prof. Avinash Kumar Agarwal Director

19 MAY 2026

For IIT Kanpur India	For IIT Kharagpur, India
Prof. Manindra Agrawal Director	Prof.Suman Chakraborty Director

For IIT Madras India	For IIT Mandi, India
Prof. Kamakoti Veezhinathan Director	Prof. Laxmidhar Behera Director

For IIT Patna, India	For IIT Palakkad, India
Prof. T.N.Singh Director	Prof. A. Seshadri Sekhar Director

For IIT Rorkee India	For IIT Ropar India
Prof. Kamal Kishore Pant Director	Prof. Rajeev Ahuja Director

19 MAY 2026

For IIT Tirupati India
Dr. Kalidindi N. Satyanarayana Director

19 MAY 2026

Annexure 1
Student Exchange Program – Terms and Conditions

Structure and Academic Framework

1. The exchange program shall be conducted in accordance with the academic calendar and semester schedule of the Host IIT.

2. Students participating in the exchange program shall be designated as Special Exchange Students.

3. Special Exchange Students may:

    - Enroll in courses on a credit or audit basis;

    - Participate in research activities, project work, internships, or other officially approved academic engagements.

4. Determination of course equivalence and transfer of credits shall be made by the faculty advisor or competent academic authority at the Home IIT.

5. Enrollment in any course, project, or research activity at the Host IIT shall require the prior consent of the respective course instructor, project supervisor, or research supervisor. Such consent shall consider, among other factors, whether the student has satisfactorily completed the prescribed prerequisites.

6. During internships or other officially approved academic activities, exchange students may register for and attend courses at the Host IIT, subject to institutional regulations.

Fees and Financial Matters

1. The Host IIT shall not levy tuition fees on students participating under this exchange program.

2. The Home IIT may continue to levy tuition and other applicable fees in accordance with its prevailing rules and regulations.

3. Transfer of course credits and grades earned at the Host IIT shall be determined by the Home IIT on the basis of the official grade report issued by the Host IIT.

Duration and Number of Students

1. The number of students participating in the exchange and the duration of their stay shall be determined on a case-by-case basis by mutual agreement between the Parties.

2. The Host IIT shall endeavor to manage exchanges in a manner such that the overall increase or decrease in its batch strength remains, as far as practicable, within ±5%.

19 MAY 2026

Academic and Administrative Regulations

1. While at the Host IIT, exchange students shall be subject to the academic rules, disciplinary regulations, and administrative policies of the Host IIT.

2. The placement process for exchange students shall be conducted at the Home IIT.

3. The degree shall be awarded solely by the Home IIT.

Selection and Nomination Procedure

1. Student selection and nomination may take place at the beginning of each semester/academic year of the Host IIT (e.g. July, December, and April), subject to institutional timelines and capacity.

2. A nomination from the Home IIT shall be submitted through proper academic channels (e.g., approval by the Dean of Academics or equivalent authority) and shall include the following documents:

    - An official grade card/mark sheet;
    - A detailed outline of the proposed program of study at the Host IIT;
    - A statement of the student's academic objectives.

3. Submission of a nomination by the Home IIT shall constitute confirmation that:

    - The student is deemed academically suitable for the proposed program; and
    - The Home IIT consents to the student's participation, subject to selection by the Host IIT.

4. The Host IIT shall evaluate the nomination and determine the student's suitability for admission under the Student Exchange Program.

Research Supervision

1. Where an exchange student undertakes a research or implementation project as part of a B.Tech., M.Tech., M.A., MBA, M.S., M.Sc., Ph.D., or equivalent degree program, the Host IIT shall:

    - Appoint a suitable faculty member to jointly mentor the student in formulating the research project; or
    - Jointly supervise the student in collaboration with the supervisor at the Home IIT, where a research project has already been identified.

19 MAY 2026

Academic and Conduct Issues

1. The Host IIT shall promptly inform the Home IIT of any academic, disciplinary, or other significant issues arising during the student's period of residence.

2. The Host IIT shall take appropriate action in accordance with its established policies and procedures, in consultation with the Home IIT where necessary.

Signatures

For IIT Bhilai (Chattisgarh)	For IIT BHU, Varnasi
Prof.Rajiv Prakash Director	Prof.Amit Patra Director

For IIT Bhubaneshwar, India	For IIT Bombay, India
Prof. Shreepad Karmalkar Director	Prof. Shireesh Kedare Director

For IIT Delhi India	For IIT Dharwad, India
Prof. Rangan Banerjee Director	Prof. Venkappayya R. Desai Director

19 MAY 2026

For IIT Dhanbad, India	For IIT Gandhinagar India
Prof. Sukumar Mishra Director	Prof. Rajat Moona Director

For IIT Goa, India	For IIT Guwahuti, India
Prof. Dhirendra S Katti Director	Prof. Devendra Jalihal Director

For IIT Hyderabad, India	For IIT Indore, India
Prof.B.S.Murty Director	Prof. Suhas S. Joshi Director

For IIT Jammu, India	For IIT Jodhpur India
Prof. Manoj Singh Gaur Director	Prof. Avinash Kumar Agarwal Director

19 MAY 2026

For IIT Kanpur India	For IIT Kharagpur, India
Prof. Manindra Agrawal Director	Prof.Suman Chakraborty Director

For IIT Madras India	For IIT Mandi, India
Prof. Kamakoti Veezhinathan Director	Prof. Laxmidhar Behera Director

For IIT Patna, India	For IIT Palakkad, India
Prof. Prof. T.N.Singh Director	Prof. A. Seshadri Sekhar Director

For IIT Rorkee India	For IIT Ropar India
Prof. Kamal Kishore Pant Director	Prof. Rajeev Ahuja Director

19 MAY 2026

For IIT Tirupati India
Dr. Kalidindi N. Satyanarayana Director

19 MAY 2026

Annexure 2
Terms Governing Collaborative Research

Submission and Approval of Proposals

1. Proposals for collaborative research activities under this Memorandum of Understanding shall be submitted with the prior approval of the Head of each IIT, or their duly authorized nominee.

2. Final approval of any collaborative project shall be subject to the availability of assured financial support and necessary institutional clearances.

Program Coordination and Management

1. Each IIT shall designate one faculty member or senior official as its representative responsible for overseeing and coordinating activities under this collaborative research framework.

2. Individual research programs undertaken pursuant to this Memorandum shall be jointly planned, implemented, and monitored by the designated representatives or their nominees from both Parties.

3. The progress of each collaborative research program shall be periodically reviewed by the appropriate designated authorities of both Parties, in accordance with mutually agreed procedures.

Financial and Institutional Responsibilities

1. Approval and continuation of any research project shall depend upon the availability of guaranteed funding from institutional, governmental, industrial, or other recognized sources.

2. Unless otherwise specifically agreed in writing, each Party shall bear its own costs and expenses arising from participation in collaborative research activities.

Liability and Insurance

1. Neither Party shall be liable to the other for any indirect, incidental, nor consequential damages arising out of activities conducted under this Memorandum.

2. Unless otherwise expressly agreed in writing for a specific project, neither Party shall be obligated to procure insurance coverage for loss of or damage to property arising from activities conducted pursuant to this Memorandum.

19 MAY 2026

Project-Specific Agreements

Each collaborative research initiative undertaken under this Memorandum shall be governed by a separate written agreement or contract. Such agreements shall, as applicable, address matters including but not limited to:

- Intellectual Property Rights (IPR);
- Funding arrangements and cost-sharing mechanisms;
- Confidentiality and disclosure of information;
- Publication rights;
- Data sharing and ownership;
- Applicable laws and dispute resolution mechanisms.

Signatures

For IIT Bhilai (Chattisgarh)	For IIT BHU, Varnasi
Prof.Rajiv Prakash Director	Prof.Amit Patra Director

For IIT Bhubaneshwar, India	For IIT Bombay, India
Prof. Shreepad Karmalkar Director	Prof. Shireesh Kedare Director

19 MAY 2026

For IIT Delhi India	For IIT Dharwad, India
Prof. Rangan Banerjee Director	Prof. Venkappayya R. Desai Director

For IIT Dhanbad, India	For IIT Gandhinagar India
Prof. Sukumar Mishra Director	Prof. Rajat Moona Director

For IIT Goa, India	For IIT Guwahuti, India
Prof. Dhirendra S Katti Director	Prof. Devendra Jalihal Director

For IIT Hyderabad, India	For IIT Indore, India
Prof.B.S.Murty Director	Prof. Suhas S. Joshi Director

19 MAY 2026

For IIT Jammu, India	For IIT Jodhpur India
Prof. Manoj Singh Gaur Director	Prof. Avinash Kumar Agarwal Director

For IIT Kanpur India	For IIT Kharagpur, India
Prof. Manindra Agrawal Director	Prof.Suman Chakraborty Director

For IIT Madras India	For IIT Mandi, India
Prof. Kamakoti Veezhinathan Director	Prof. Laxmidhar Behera Director

For IIT Patna, India	For IIT Palakkad, India
Prof. Prof. T.N.Singh Director	Prof. A. Seshadri Sekhar Director

19 MAY 2026

For IIT Rorkee India	For IIT Ropar India
Prof. Kamal Kishore Pant Director	Prof. Rajeev Ahuja Director

For IIT Tirupati India
Dr. Kalidindi N. Satyanarayana Director

19 MAY 2026

Appendix 'C'
Item No. Senate / 109.9

Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
1	17921017	Nilesh Dorkar	Metallurgical and Materials Engineering	SiC CERAMICS WITH h-BN AND Zr_2CN REINFORCEMENT: DAMAGE EVOLUTION IN DIFFERENT WEAR REGIMES UNDER EXTREME TRIBOLOGICAL CONDITIONS	Prof. B.V. Manoj Kumar			07.01.2026	05.02.2026
2	20910041	Shubham Saurabh	Civil Engineering	ROBUST TOPOLOGY OPTIMIZATION OF ADDITIVELY MANUFACTURED EXTREME METAMATERIALS IN STATIC AND DYNAMIC REGIMES WITH APPLICATIONS TO IMPACT RESISTANCE AND VIBRATION CONTROL	Prof. Rajib Chowdhury			20.01.2026	05.02.2026
3	21919015	Ajeet Singh	Mathematics	HYBRID HIGH ORDER METHODS FOR NONLINEAR PARABOLIC PDES ON POLYGONAL MESHES	Prof. Ram Jiwari			12.01.2026	09.02.2026
4	18910049	Adnan Pasha	Civil Engineering	OPTIMIZATION OF INLAND WATERWAY TERMINAL OPERATIONS IN DEVELOPING COUNTRIES	Prof. Rajat Rastogi			20.01.2026	09.02.2026
5	18915028	Jagmohan	Electronics and Communication Engineering	DESIGN AND FABRICATION OF CPW TECHNOLOGY BASED MICROWAVE COMPONENTS FOR SUPERCONDUCTING CIRCUIT QUANTUM ELECTRODYNAMICS (CQED)	Prof. Darshak Bhatt			10.02.2026	11.02.2026
6	19921012	Sachin Balbande	Metallurgical and Materials Engineering	SURFACE MODIFICATION OF LOW CARBON AISI 8620 STEEL THROUGH TUNGSTEN INERT GAS ARCING PROCESS	Prof. Sourav Das			09.02.2026	16.02.2026
7	19925048	Sukhendu De	Physics	THEORETICAL INVESTIGATIONS OF NUCLEAR REACTIONS AND FRAGMENTATIONS IN LIGHT NUCLEI	Prof. Rajdeep Chatterjee			09.02.2026	17.02.2026
8	19925006	Diksha	Physics	INVESTIGATION OF PMN-PT-BASED MULTIFERROIC HETEROSTRUCTURE FOR FLEXIBLE MAGNETOELECTRIC MEMS DEVICES	Prof. Davinder Kaur			04.02.2026	18.02.2026
9	20925027	Dipjyoti Patgiri	Physics	INVESTIGATION OF IONOSPHERIC PLASMA USING OPTICAL AND RADIO TECHNIQUES	Prof. Sumanta Sarkhel			13.02.2026	18.02.2026

19 MAY 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	20910004	Ashish Kumar	Civil Engineering	DEEP LEARNING BASED LAND COVER ANALYSIS AND CROP CLASSIFICATION	Prof. R. D. Garg			19.02.2026	24.02.2026
11	20925032	Sakshi Shukla	Physics	SHELL-MODEL STUDY OF COLLECTIVITY AND ISOMERIC STATES AROUND 208PB AND ISOBARIC ANALOG STATES IN THE SD-SHELL	Prof. P. C. Srivastava			19.02.2026	24.02.2026
12	21925014	Nitish Ghosh	Physics	RELATIVISTIC CALCULATIONS OF ATOMIC STRUCTURE AND ELECTRON IMPACT EXCITATION OF ATOMS FOR PLASMA DIAGNOSTICS APPLICATIONS	Prof. Lalita Sharma			23.02.2026	24.02.2026
13	22914033	Patil Nikhila Lavkumar	Electrical Engineering	ENHANCED NANOSTRUCTURE AND MICROFABRICATED TOXIC GAS SENSORS: DESIGN AND OPTIMIZATION	Prof. P. Sumathi			19.02.2026	24.02.2026
14	18903033	Chandrachur Ghosh	Biosciences and Bioengineering	EFFECT OF AN INDIAN MONOFLORAL HONEY, LYCHEE HONEY, IN THE MANAGEMENT OF DIABETES AND RELATED DISORDERS	Prof. Partha Roy	Prof. Debabrata Sircar		22.01.2026	24.02.2026
15	19915021	Mandeep Jangra	Electronics and Communication Engineering	INVESTIGATION ON PLANAR ALL-DIELECTRIC PROTOTYPES DEMONSTRATING ABSORBER, COLOR FILTER AND GRATING FOR SILICON PHOTONICS	Prof. Arnab Datta			06.02.2026	24.02.2026
16	18916027	Jyoti	Humanities and Social Sciences	HEALTHY AGING IN INDIA: THE ROLE OF SOCIAL CAPITAL, TIME USE, AND WORK STRESS AMONG OLDER ADULTS	Prof. Sukhpal Singh			25.02.2026	27.02.2026
17	20911005	Hem Chandra Joshi	Computer Science and Engineering	FAIRNESS IN MACHINE LEARNING SOFTWARE THROUGH SYNTHETIC DATA GENERATION AND BIASED LABEL MITIGATION	Prof. Sandeep Kumar			06.02.2026	24.02.2026
18	19910025	Kami Venkata Balaiah	Civil Engineering	TIME-DEPENDENT BEHAVIOUR OF PILES IN SOFT CLAYS SUBJECTED TO COMBINED LOADS	Prof. Anumita Mishra			11.02.2026	24.02.2026
19	19914042	Ranjan Tiwari	Electrical Engineering	FREQUENCY DOMAIN APPROACH FOR RC SENSING AND HARMONIC ANALYSIS	Prof. P. Sumathi			23.02.2026	25.02.2026

19 MAY 2026

Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
20	18920048	Rohit Kumar Sahu	Mechanical and Industrial Engineering	STUDY ON MODIFICATION OF GUIDE VANE PROFILE TO MITIGATE SEDIMENT EROSION	Prof. B. K. Gandhi			24.02.2026	27.02.2026
21	17916023	Rukmani Mahala	Humanities and Social Sciences	SPATIAL EFFICIENCY DIFFERENCES, LEARNING OUTCOMES AND ICT USAGE IN SCHOOL EDUCATION IN ODISHA	Prof. Rachita Gulati	Prof. Smita Jha		20.02.2026	24.02.2026
22	19926013	Koustav Nath	Water Resources Development and Management	MODELING OF SOIL MOISTURE AND STREAMFLOW DYNAMICS USING DEEP LEARNING BASED ARTIFICIAL INTELLIGENCE TECHNIQUES	Prof. K. S. Kasiviswanathan	Dr. Purna Chandra Nayak		02.03.2026	05.03.2026
23	19908004	Ishwar Sharan	Chemical Engineering	SUSTAINABLE SYNTHESIS OF NON-ISOCYANATE POLYURETHANE FROM PROPYLENE CARBONATE: EXPERIMENTAL, DFT, AND LCA STUDIES	Prof. Shishir Sinha	Prof. Vimal Chandra Srivastava		20.02.2026	05.03.2026
24	22902008	Sangeeth K	Architecture and Planning	A HOLISTIC METHODOLOGY FOR EVALUATING SIDEWALK BASED ON FACTORS AFFECTING CONTINUOUS PEDESTRIAN MOVEMENT	Prof. Uttam Kumar Roy			24.02.2026	05.03.2026
25	19920010	Khursheed Anwar Khan	Mechanical and Industrial Engineering	HIGH TEMPERATURE THERMAL CONTACT CONDUCTANCE ANALYSIS USING THERMOCOUPLE AND INFRARED THERMOGRAPHY	Prof. Andallib Tariq			10.02.2026	05.03.2026
26	20925016	Ranojit Barman	Physics	STRUCTURE AND REACTIONS OF EXOTIC NUCLEI IN N ≈ 20 REGION AND THEIR ASTROPHYSICAL IMPLICATIONS	Prof. Rajdeep Chatterjee	Prof. Masaaki Kimura		23.02.2026	05.03.2026
27	21902005	Ghieth Al Warah	Architecture and Planning	THE ARCHITECTURAL INTERPRETATION OF THE CLASSICAL AGE TEMPLES AND CHURCHES ON THE SYRIAN COAST	Prof. Ram Sateesh Pasupuleti			20.01.2026	05.03.2026
28	18910070	Shailja Gupta	Civil Engineering	NUMERICAL STUDIES ON COMBINED PILED RAFT FOUNDATION SUBJECTED TO VERTICAL AND HORIZONTAL LOADING	Prof. V. A. Sawant	Prof. Pramod Kumar Gupta		05.02.2026	10.03.2026
29	20916039	Sangjukta Roy	Humanities and Social Sciences	CONTEXTUALISING TRAVELLING MEMORY AND TEMPORALITY IN SELECT SOUTH ASIAN MIGRATION LITERATURE	Prof. Binod Mishra			09.03.2026	10.03.2026

19 MAY 2026

Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
30	18906006	Priya E	Centre for Nanotechnology	DEVELOPMENT OF NEW CELLULOSE-BASED MATERIALS FOR RECOVERING NUTRIENTS FROM CONTAMINATED WATER AND DELIVERING IT TO PLANT	Prof. Sudipta Sarka	Prof. Pradip K. Maji		09.02.2026	12.03.2026
31	20916034	Garima Bhandari	Humanities and Social Sciences	MIGRATION, MOBILITY AND RURAL COSMOPOLITANISM IN THE GARHWAL HIMALAYA: A SOCIOLOGICAL STUDY	Prof. Anindya Jayanta Mishra			06.03.2026	12.03.2026
32	21926006	Ruchir Patidar	Water Resources Development and Management	INTEGRATING OBSERVATIONAL, REANALYSIS, AND CMIP6 DATA FOR MULTI-SCALE DROUGHT ASSESSMENT AND PROJECTION IN A CHANGING CLIMATE	Prof. Deepak Khare	Dr. Santosh M. Pingale		09.03.2026	12.03.2026
33	18913008	N Tamilselvan	Earthquake Engineering	PREDICTION OF DUCTILE FRACTURE INITIATION IN BASE METAL AND WELDMENTS OF INDIAN STRUCTURAL STEELS UNDER ULTRA-LOW CYCLE FATIGUE	Prof. P. C. Ashwin Kumar			27.01.2026	12.03.2026
34	19920033	Hitesh Kumar Sinha	Mechanical and Industrial Engineering	MULTIPHYSICS TOPOLOGY OPTIMIZATION FRAMEWORK FOR THERMO-ELECTRIC PROBLEMS WITH APPLICATION TO DC BUS BAR DESIGN	Prof. Krishna Mohan Singh			02.03.2026	18.03.2026
35	18902020	Reddy Rohinikumar	Architecture and Planning	ENHANCING SCHOOL-CENTRIC URBAN NEIGHBOURHOODS: INSIGHTS BASED ON PARENTAL PREFERENCES FROM VISAKHAPATNAM CITY	Prof. Ram Sateesh Pasupuleti			12.03.2026	16.03.2026
36	19921014	Sandeep Yadav	Metallurgical and Materials Engineering	EFFECT OF HEAT TREATMENT ON MECHANICAL PROPERTIES IN INTERSTITIAL FREE STEE	Prof. Sadhan Ghosh			10.03.2026	16.03.2026
37	19915031	Aranya Gupta	Electronics and Communication Engineering	ATTACK-RESILIENT PUF ARCHITECTURES AND LIGHTWEIGHT AUTHENTICATION PROTOCOL FOR IOT SECURITY	Prof. Sanjeev Manhas	Prof. Bishnu Prasad Das		10.03.2026	23.03.2026
38	19908002	Anag Katiyar	Chemical Engineering	CATALYTIC CO2 CONVERSION TO PROPYLENE CARBONATE: EXPERIMENTAL, DENSITY FUNCTIONAL THEORY AND KINETIC STUDIES	Prof. Vimal Chandra Srivastava	Prof. Vimal Kumar		23.03.2026	24.03.2026

19 MAY 2026

Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
39	19919010	Neha	Mathematics	SOBOLEV ORTHOGONALITY FOR q-ANALOGUES OF HYPERGEOMETRIC TYPE POLYNOMIA	Prof. A. Swaminathan			19.03.2026	24.03.2026
40	17916020	Nikita Soni	Humanities and Social Sciences	WAGE INEQUALITY IN THE SEGMENTED INDIAN LABOUR MARKET: TRENDS AND DETERMINANTS	Prof. Falguni Pattanaik			10.03.2026	23.03.2026
41	20923002	Deepanshu Nayak	Applied Mathematics and Scientific Computing	ADVANCED DECISION SUPPORT SYSTEMS FOR OPTIMIZING SUPPLIER SELECTION, FORECASTING, AND SCHEDULING IN SUPPLY CHAIN MANAGEMENT	Prof. Millie Pant			13.02.2026	19.03.2026
42	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	09.03.2026
43	19925047	Srishti	Physics	FIRST-PRINCIPLES STUDY OF MULTIFERROICITY IN CERTAIN TWO-DIMENSIONAL RARE-EARTH HALIDE BASED MATERIALS	Prof. Tulika Maitra			11.02.2026	26.03.2026
44	19907001	Pravendra Kumar	Centre for Transportation Systems	BLAST-INDUCED EFFECTS ON HILL ROADS AND NEARBY OR UNDERGROUND STRUCTURES	Prof. Abinash Kumar Swain	Prof. V. A. Sawant		26.02.2026	27.03.2026
45	20909001	Adrija Ghosh	Chemistry	3D-METAL CATALYSIS AND ELECTRO ORGANIC TRANSFORMATIONS: SUSTAINABLE APPROACHES TO ACCESS ALCOHOLS, STEREO-SELECTIVE OLEFINS AND FUNCTIONALIZATION OF AMINO ACIDS	Prof. Debasis Banerjee			17.03.2026	27.03.2026
46	20915009	Krishnendu K.	Electronics and Communication Engineering	TEAGER ENERGY CONCENTRATED DISCRETE WINDOW FUNCTIONS FOR INDUSTRIAL APPLICATIONS	Prof. Pyari Mohan Pradhan			18.03.2026	25.03.2026
47	19901007	Minakshi Patel	Hydro and Renewable Energy	PATHWAYS AND STRATEGIES FOR A LOW-CARBON FUTURE FOR INDIA'S ROAD TRANSPORT SECTOR	Prof. Rhythm Singh	Prof. Pratham Arora	Prof. Diptiranjan Mahapatra	03.02.2026	27.03.2026

19 MAY 2026

Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
48	19920009	Jai Prakash Kamal	Mechanical and Industrial Engineering	STUDIES ON FRAGMENTATION BEHAVIOUR AND CHARACTERIZATION OF CASING MATERIAL	Prof. Abinash Kumar Swain			10.03.2026	27.03.2026
49	20915038	Sandeep Soni	Electronics and Communication Engineering	NEUROMORPHIC COMPUTING ARCHITECTURES EMPLOYING SPINTRONIC MEMORY AND OSCILLATOR DEVICES	Prof. Tanmoy Pramanik			16.03.2026	24.03.2026
50	20909016	Shivangi Gupta	Chemistry	COMPUTATIONAL STUDIES ON TRANSITION METAL-CATALYZED ALKENE HYDROFUNCTIONALIZATION AND C–H FUNCTIONALIZATION REACTIONS	Prof. Puneet Gupta			30.01.2026	27.03.2026
51	20915036	Ravish Kumar Raj	Electronics and Communication Engineering	GRADIENT DRIVEN MAGNETIC SKYRMION BASED DEVICES AND APPLICATIONS	Prof. Vishvendra Singh Poonia	Dr. Sonal Shreya		27.03.2026	01.04.2026
52	22920016	Rahul Sharma	Mechanical and Industrial Engineering	EXPERIMENTAL EVALUATION OF MULTIPHASE BIOCERAMIC-REINFORCED PLA NANOCOMPOSITES FOR MAXILLOFACIAL IMPLANTS	Prof. Kaushik Pal	Prof. Inderdeep Singh		13.03.2026	01.04.2026
53	18913013	Pooja Mahto	Earthquake Engineering	SEISMIC SOURCE MECHANISMS AND STRESS ACCUMULATION PATTERNS IN THE CENTRAL HIMALAYAN SEGMENT	Prof. S. C. Gupta			05.02.2026	01.04.2026
54	20919002	Aparna Bansal	Mathematics	MODELING AND NUMERICAL ANALYSIS OF INCOMPRESSIBLE FLOWS: NAVIER-SLIP BOUNDARIES AND POROELASTIC COUPLING	Prof. D. N. Pandey			10.03.2026	01.04.2026
55	17916017	Itisha Jain	Humanities and Social Sciences	ESSAYS ON THE PERFORMANCE OF HIGHER EDUCATION INSTITUTIONS IN INDIA	Prof. Rachita Gulati			30.01.2026	09.03.2026
56	20910033	Vipasha Sharma	Civil Engineering	ANALYSIS AND MODELLING INFECTIOUS DISEASES USING GEOSPATIAL TECHNIQUES	Prof. S.K. Ghosh	Prof. Siddhartha Khare		23.03.2026	.01.04.2026
57	20908015	Achal Pandey	Chemical Engineering	STUDIES ON VARIOUS CARBON ADMIXTURES INCORPORATED CEMENTITIOUS MATERIAL	Prof. Shishir Sinha	Prof. Basheshwar Prasad		30.01.2026	24.02.2026

19 MAY 2026

Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
58	17912021	Alok Mall	Earth Sciences	SEDIMENTOLOGY OF MESOPROTEROZOIC RAJGARH FORMATION, LALSOT BASIN, NE RAJASTHAN, INDIA	Prof. Biplab Bhattacharya			26.02.2026	02.04.2026
59	20910056	Ajay Kumar	Civil Engineering	BEHAVIOUR OF PROTECTIVE STRUCTURES UNDER IMPACT LOADING	Prof. Mohd. Ashraf Iqbal			30.01.2026	01.04.2026
60	18910073	Soorya S	Civil Engineering	COMPENSATED NON-LINEAR ROOT WATER UPTAKE MODEL FOR DEFICIT IRRIGATION - ANALYSIS AND PARAMETER ESTIMATION	Prof. K. S. Hari Prasad	Prof. C. S. P. Ojha		30.03.2026	02.04.2026
61	18925038	Ram Ashish Yadav	Physics	SELECTED THz GUIDED WAVE ACTIVE DEVICES ON HRFZ SOI PLATFORM	Prof. Rajesh Kumar	Prof. Geert Morthier		23.03.2026	07.04.2026
62	18916035	Padm Nabh Trivedi	Humanities and Social Sciences	TOWARDS MACROCOSMIC HOLISM: A STUDY OF THE BHAGAVADAGITA AND ARNE NAESS'S DEEP ECOLOGY AND ECOSOPHY T	Prof. Smita Jha			07.04.2026	08.04.2026
63	20919010	Neeshu Rathi	Mathematics	SOME QUANTUM ALGORITHMS FOR ITERATIVE SOLVERS AND ENSEMBLE LEARNING	Prof. Sanjeev Kumar			02.04.2026	07.04.2026
64	19909010	Rohit	Chemistry	β-FUNCTIONALIZED METALLOPORPHYRINS: SYNTHESIS, SPECTRAL AND REDOX PROPERTIES AND THEIR APPLICATIONS IN SENSING, NONLINEAR OPTICS AND PHOTODYNAMIC THERAPY	Prof. M. Sankar			27.03.2026	10.04.2026
65	21909008	Parul	Chemistry	DEVELOPMENT OF MIXED-ANION LAYERED COMPOUNDS FOR PHOTOCATALYTIC HYDROGEN EVOLUTION	Prof. Tapas Kumar Mandal			23.03.2026	02.04.2026
66	19912023	Saraah Imran	Earth Sciences	INTEGRATED REMOTE SENSING WITH SPECTROSCOPIC TECHNIQUES FOR MINERAL EXPLORATION	Prof. Ajanta Goswami			27.03.2026	10.04.2026
67	20903003	Arpita Das	Biosciences and Bioengineering	CHARACTERIZATION OF BOVINE MILK PROTEINS AND PROBIOTICS	Prof. Srinivas Kiran Ambatipudi			30.03.2026	10.04.2026

19 MAY 2026

Sl.No.	En.No.	Name	Department / Centre	Topic	Supervisor-1	Supervisor-2	Supervisor-3	Date of Defence	Date of PDC (Approved by DoAA)
68	20901012	Upendra Bajpai	Hydro and Renewable Energy	TECHNO-ECONOMIC ANALYSIS OF HYDROKINETIC TECHNOLOGY	Prof. Sunil Kumar Singhal			31.03.2026	10.04.2026
69	19910004	Chiranjeev Sagar	Civil Engineering	CORROSION OF REINFORCED CONCRETE STRUCTURES INFLUENCED BY COMBINED ACTION OF CARBONATION AND CAST-IN-CHLORIDES	Prof. U. K. Sharma			07.04.2026	13.04.2026
70	21908004	Arisha Sharma	Chemical Engineering	PRODUCTION OF HYDROGEN/SYN-GAS BY THE TRI-REFORMING OF METHANE/CARBON DIOXIDE OVER METAL SUPPORTED CATALYST DERIVED FROM METAL ORGANIC FRAMEWORKS (MOFS) PRECURSORS	Prof. Prakash Biswas			02.04.2026	13.04.2026

19 MAY 2026