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

सीनेट की एकसौनौवीं बैठक हेतु कार्यसूची
AGENDA FOR THE 109th MEETING
OF THE SENATE

बैठक सं0	:	एकसौनौवीं
MEETING NO.	:	**109th**
स्थान	:	सीनेट हॉल, भा0प्रौ0सं0 रूड़की
VENUE	:	**Senate Hall, IIT Roorkee**
दिनांक	:	28 अप्रैल 2026
DATE	:	**28th April 2026**
समय	:	04:00 बजे अपराह्न
TIME	:	**04.00 P.M.**

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कार्यसूची/AGENDA

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.	2-15
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.	16-20
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.	21-23

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.	24
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).	25-34
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.	35-36
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).	37-56
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.	57-65
109.10	नये पुरस्कार/छात्रवृत्ति की स्थापना को रिपोर्ट करना। To report the Institution of new Awards/ Scholarships.	66-70
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.	71
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.	72-86
109.13	सीनेट के अध्यक्ष द्वारा दिए गए अनुमोदन को रिपोर्ट करना। To report the approvals accorded by the Chairman, Senate.	87-89
अन्य मुद्दे अध्यक्ष की अनुमति से/Under any other item with the permission of the Chair.		

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

The minutes of the 108th Senate meeting held on 18.02.2026 were circulated to the members on 20.03.2026. No comment is received.

The Senate is requested to consider and confirm the said minutes.

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.

<table>
<tr><th>Item No.</th><th>Reference to the Senate minutes</th><th>Extracts of the Minutes</th><th>Status of action taken</th></tr>
<tr><td colspan="4">Actions taken to implement the decisions taken in 108th meeting of the Senate.</td></tr>
<tr><td>108.4</td><td>To consider the proposal of Centre for Space Science and Technology (CSST) to introduce a minor specialization program in ‘Space Science and Technology’.</td><td>The Senate considered the recommendations of the IAPC and approved to start a minor specialization program in ‘Space Science and Technology’ with the following structure:
<table>
<tr><th rowspan="2">S. No.</th><th rowspan="2">Semester</th><th rowspan="2">Course Title</th><th rowspan="2">Credits</th><th colspan="3">Contact Hours</th></tr>
<tr><th>L</th><th>T</th><th>P</th></tr>
<tr><td>1</td><td>B.Tech. 6th Sem</td><td>SSL-516: Introduction to Space Science and Technology</td><td>4</td><td>3</td><td>1</td><td>0</td></tr>
<tr><td rowspan="2">2</td><td rowspan="2">B.Tech. 7th Sem</td><td>SSC-507: Satellite System Technology</td><td>4</td><td>3</td><td>0</td><td>2</td></tr>
<tr><td>SSL-517: Space Weather: Origins and Impacts</td><td>4</td><td>3</td><td>1</td><td>0</td></tr>
<tr><td rowspan="2">3</td><td rowspan="2">B.Tech. 8th Sem</td><td>SSL-518: Materials and Manufacturing for Space</td><td>4</td><td>3</td><td>1</td><td>0</td></tr>
<tr><td>SSL-505: Space Mission Design and Optimization</td><td>4</td><td>3</td><td>1</td><td>0</td></tr>
</table></td><td>Notified.</td></tr>
<tr><td>108.5</td><td>To consider the proposal of the Department of Management Studies to add new specialization in MBA and EMBA as “Economics, Strategy, and Public Policy”.</td><td>The Senate considered the recommendations of the IAPC and approved the proposal to add a specialization ‘Economics, Strategy, and Public Policy’ in MBA and EMBA.</td><td>Notified.</td></tr>
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<table>
<tr>
<td>108.6</td>
<td>To consider the revision in the existing guidelines on penal provisions for using Unfair Means during the second examination.</td>
<td>The Senate considered the recommendations of the IAPC and approved the following change in a clause on severity of offence, in the guidelines for handling the cases of Unfair Means during examination:

<table>
<tr><th>Severity of Offence</th><th>Revised Clause</th></tr>
<tr><td>Level-2a Offence-II</td><td>a. If a student is caught carrying prohibited items repeatedly during any of the examinations 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. If a student is caught carrying prohibited items a second time in any subsequent semesters, then the student be given a course backlog in the course in which the student was caught for the second time.</td></tr>
</table>

Further, the Senate has taken a presentation of Dean of Academic Affairs on “Progresses of Academic Processes at IIT Roorkee”, and given the following observations:

(i) Shown satisfaction on declining trend of requests for slow pace. More efforts be carried out to further bring down this number.</td>
<td>Notified.</td>
</tr>
</table>

		(ii) Noted with concern that some research scholars, even after best efforts of the supervisor, could not publish any paper. The SRCs are advised to take suitable steps to ensure timely submission of the Thesis, and may inform the status of such cases in subsequent Senate. (iii) Reiterated that attendance of research scholars is invariably required to release their fellowship. Suitable mechanism either of signatures in the respective Departments/Centres/School attendance register or attendance through some App be recorded. A copy of the monthly attendance report be sent to the Academic Affairs Office. (iv) The faculty members would be required to take attendance through online mode only from the Autumn Semester 2026-27, considering the linkage of faculty score with students' attendance and response form. Also reiterated that the student response form (feedback form) is mandatory to be filled. The AAO will declare guidelines to students, which may include linking the viewing of grades to recording responses on the feedback form.	
108.7	To consider the report of the committee regarding the issue of course dropping.	The Senate considered the recommendations of the IAPC on the committee report on course dropping. The Senate after due deliberation, accepted the same with following changes:	Notified.

<table>
<tr>
<td></td>
<td></td>
<td>1. The student seeking withdrawal from a course shall apply within the prior-notified deadline, specified in the semester academic calendar. That will be allowed after one week of showing the MTE marks.
2. The withdrawn course shall not be recorded in the Grade Sheet, and shall not be counted for CGPA calculation.
3. A maximum of four courses be allowed to withdraw during the entire program. The PCC, and, TEB courses, however, not be allowed to drop, unless in cases of extreme exigencies, which will be decided by the DoAA on case to case basis.</td>
<td></td>
</tr>
<tr>
<td>108.8</td>
<td>To consider the proposal of the Department of Physics regarding the shifting of courses for the BS-MS Physics programme.</td>
<td>The Senate considered the recommendations of the IAPC and approved the proposal to shift the courses and credits for the BS-MS Physics. The revised changes are as follows:
(A)
<table>
<tr><th>S. No.</th><th>Course</th><th>Existing</th><th>Revised change</th></tr>
<tr><td>1</td><td>TEB-I</td><td>III year Spring semester</td><td>IV year Autumn semester</td></tr>
<tr><td>2</td><td>TEB-II</td><td>IV year Autumn Semester</td><td>IV year Spring semester</td></tr>
<tr><td>3</td><td>PHC-402: Advanced Mathematical Physics</td><td>IV year Spring Semester</td><td>III year Spring Semester</td></tr>
</table>
</td>
<td>Notified.</td>
</tr>
</table>

<table>
<tr>
<td></td>
<td></td>
<td>(B)
<table>
<tr><th colspan="3">For 5 Years BS-MS (Physics)</th><th colspan="2">For 4 Years BS-MS (Physics) (with EXIT option)</th></tr>
<tr><th colspan="2">Year/ Semester wise</th><th>Present credits</th><th>Revised credits</th><th>Present credits</th><th>Revised credits</th></tr>
<tr><td rowspan="2">I</td><td>Autumn</td><td rowspan="5" colspan="2">No Change</td><td colspan="2">No Change</td></tr>
<tr><td>Spring</td><td colspan="2">No Change</td></tr>
<tr><td rowspan="2">II</td><td>Autumn</td><td colspan="2">No Change</td></tr>
<tr><td>Spring</td><td>20/23-24</td><td>22/25-26</td><td>20</td><td>22</td></tr>
<tr><td rowspan="2">III</td><td>Autumn</td><td>20/23-24</td><td>18/21-22</td><td>20</td><td>18</td></tr>
<tr><td>Spring</td><td colspan="2" rowspan="2">No Change</td><td>6</td><td>10</td></tr>
<tr><td rowspan="2">IV</td><td>Autumn</td><td colspan="2">-</td></tr>
<tr><td>Spring</td><td colspan="2"></td></tr>
<tr><td rowspan="2">V</td><td>Autumn</td><td colspan="2" rowspan="2">No Change</td><td colspan="2" rowspan="2">-</td></tr>
<tr><td>Spring</td></tr>
</table>
</td>
<td></td>
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<tr>
<td>108.9</td>
<td>To consider the proposal of the Department of Electronics and Communication Engineering regarding revision in the programme structure of B.Tech. Electronics and Communication Engineering programme.</td>
<td>The Senate considered the recommendations of the IAPC and approved the following changes in the programme structure of B.Tech. Electronics and Communication Engineering:
<table>
<tr><th>S. No.</th><th>Course</th><th>Revised change</th></tr>
<tr><td>1</td><td>PHB-102: Quantum and Statistical Mechanics</td><td>Removed</td></tr>
<tr><td>2</td><td>DAE-101: Computer Architecture</td><td>Be introduced in II year Spring semester</td></tr>
</table>
Accordingly, the revised credits for the BSC and ESC are as follows:</td>
<td>Notified.</td>
</tr>
</table>

<table>
<tr><td></td><td></td><td>
<table>
<tr><th>Components</th><th>Revised credits</th></tr>
<tr><td>BSC</td><td>16</td></tr>
<tr><td>ESC</td><td>12</td></tr>
</table>
</td><td></td></tr>
<tr><td>108.10</td><td>To consider the proposal of the Department of Civil Engineering regarding revision in the programme structure of M.Tech. Structural Engineering.</td><td>The Senate considered the proposal of the IAPC and approved the revised programme structure of M.Tech Structural Engineering.
Further, the Senate emphasized that with any change or shifting of the courses, the total PCC and PEC credits should not be reduced. The program should have more practical components in L-T-P distribution.</td><td>Notified.</td></tr>
<tr><td>108.11</td><td>To consider the proposed programme structure of the ‘M.Sc. Programme in Polymer Science’ of the Department of Polymer and Process Engineering.</td><td>The Senate considered the recommendations of the IAPC to start the ‘M.Sc. Programme in Polymer Science’, and after deliberations, approved the program structure, with the following program details:
<table>
<tr><th>Deptt.</th><th>Programme</th><th>Code</th><th>JAM Paper code</th><th>Gen (Non-PwD)</th><th>Gen (Pwd)</th><th>EWS (Non-PwD)</th><th>EWS (Pwd)</th><th>OBC (Non-PwD)</th><th>OBC (Pwd)</th><th>SC (Non-PwD)</th><th>SC (Pwd)</th><th>ST (Non-PwD)</th><th>ST (Pwd)</th><th>Total Intake</th></tr>
<tr><td>Polymer and Process Engineering</td><td>M.Sc. Polymer Science</td><td>1807</td><td>CY</td><td>5</td><td>1</td><td>2</td><td>0</td><td>4</td><td>0</td><td>2</td><td>0</td><td>1</td><td>0</td><td>15</td></tr>
</table>
Minimum Educational Qualification (MEQ): The candidate should have a Bachelor's degree (Science) in the relevant field.

Admission: Through JAM
Test paper Code: Chemistry (CY).</td><td>Notified.</td></tr>
</table>

108.12	To consider the inclusion of 4-Year BS Degree as equivalent to B.Tech./BE in existing MEQ for Masters and PhD Admissions.	The Senate considered the recommendations of the IAPC and IRC, and approved the inclusion of the 4-Year BS Degree in the existing MEQ for Master's and PhD Admissions. All other qualifying requirements of national-level examinations, such as JEE(Advanced)/GATE, etc., wherever applicable, will remain the same.	Notified.
108.13	To consider the Minimum Educational Qualification (MEQ) for admission to M.Tech./M.Arch./MURP programme for the Academic Session 2026-2027.	The Senate considered the recommendations of the IAPC, and accepted the proposed Minimum Educational Qualification (MEQ) for admission to M.Tech./M.Arch./MURP programme, with the following observations: (i) The collaborative departments need to be on board while drafting MEQs for a joint program. (ii) The coordinator of the Coordination Committee of collaborative departments should be changed every two years. For example, a coordinator from E&CE department may be moved to the Physics department on completion of two years. (iii) MEQ for the department of BSBE should be reviewed by inviting feedback. (iv) The revised MEQ for the Centre for Sustainable Energy has not been approved. The reviewed modified MEQ is given in Appendix.	Notified.

108.14	To consider the Minimum Educational Qualification (MEQ) for admission to Ph.D. programme in the Centre for Transportation Systems (CTRANS).	The Senate considered the proposal and advised the Centre to reconsider the Minimum Education Qualification.	Noted.
108.15	To consider the following w.r.t. MBA Admission: A. To consider the admission of IIT graduates over and above the sanctioned intake for MBA programme from the year 2026 onwards. B. To consider the increase in seats for MBA Admission from the year 2026. C. To consider the proposal for seat confirmation amount for waitlisted candidates in MBA admission.	The Senate considered and advised to continue with the selection criteria for MBA admission as it was approved by the Senate in its 81st meeting held on 08.01.2020. Seats for IIT Graduates may be fixed within the approved seats for the MBA programme as per reservation norms. The Senate suggested that the approved intake can be reviewed only after consistent utilization of existing intake in the preceding admission years. The Senate has taken note of the large withdrawal of seats from multiple rounds of the waiting list, which leads to a loss of opportunity to serious candidates, and has accepted the following recommendation of IAPC: After the completion of the first round of MBA admissions, the remaining candidates on the merit list shall be required to deposit a security amount of ₹50,000/-, adjustable towards admission fee, to be considered for waitlisting. However, if the admission is withdrawn or the candidate rejects the offer, an amount of ₹5,000 as a processing fee will be deducted from the security amount.	Notified.

<table>
<tr>
<td>108.16</td>
<td>To consider the following intake/seat matrix for the Academic Session 2026-2027:
A. Seat matrix for M.Sc. Admission through JAM 2026.
B. Seat matrix for M.Tech./ M.Arch./MURP Admission 2026.
C. Intake/seat matrix for UG programmes.</td>
<td>The Senate considered the recommendations of IAPC, and approved the following seat matrix for the Academic Session 2026-27:

A. Seat matrix for M.Sc. admission 2026 through JAM.

B. Seat matrix for M.Tech./M.Arch./MURP Admission 2026 with some modifications.

C. Intake/Seat matrix for UG programmes.</td>
<td>Notified.</td>
</tr>
<tr>
<td>108.17</td>
<td>To consider the report of the Integrated Teachers Education Programme Implementation Committee (ITEPIC) to operationalize the 4-year B.Sc-B.Ed. (Secondary Stage) programme under the Integrated Teachers Education Programme (ITEP).</td>
<td>The Senate considered the recommendations of the IAPC on the report of the Integrated Teachers Education Programme Implementation Committee (ITEPIC), and accepted the following:

1. The initial intake will be 50 in the disciplines of Mathematics and Chemistry.

2. The eligibility criteria for the BSc-B.Ed. program:
<table>
<tr><th colspan="3">Minimum Educational Requirements</th></tr>
<tr><th>Academic Programme</th><th>MEQs for Admission</th><th>Essential Subjects at XII and NCET</th></tr>
<tr><td>B.Sc-B.Ed (Secondary Stage)</td><td>Class XII with minimum 60% for General, OBC, and EWS categories and 55% for SC, ST, and PwD categories.</td><td>Physics, Chemistry and Mathematics at Class XII in the combination of subjects and the above three as domain subjects in NCET 2026</td></tr>
</table>
Note: The category indicated on the applicant's NCET Score Card will be used for determining reservation eligibility. Reservation and the Seat Matrix will follow the roster prepared in accordance with Government of India norms.</td>
<td>Noted.</td>
</tr>
</table>

		3. The fee & program structures are given at Appendices. 4. The Senate also accepted ITEPIC proposal and recommended to the Board, to create a new department namely the Department of Science Education at the Saharanpur Campus, for an effective conduct and administration of the Integrated Teachers Education Programme (ITEP). Further, the Senate noted that the students in this programme will not be part of routine placement.	Notified, as approved by the Board.
108.18	To consider the Academic Calendars for the Autumn Semester 2026-27.	The Senate considered the Academic Calendars for Autumn Semester 2026-27 and approved after incorporating the following modifications: (i) Convocation date (notional) will be subject to change on the Chairman, BoG/Chief Guest's availability. (ii) Last date for withdrawal of a course be reset in view of the decision taken in agenda number 108.7. (iii) Suggestions of DoSW chaired committee on MTEs be taken up in a subsequent Senate meeting. (iv) MBA calendar be synchronized with calendar of other programs. The modified Academic Calendars are given in Appendix.	Notified.

108.19	To consider the proposal for maintaining a separate CGPA for the Minor Program.	The Senate considered the recommendations of the IAPC and approved the following proposal: (i) The CGPA earned in the Minor Program be maintained separately than the Overall CGPA. (ii) The Minor Program would be reflecting on the students' transcript with a distinct Minor CGPA. (iii) The CGPA earned in the Minor Program will not be considered for placement purposes and awarding division in the primary degree program.	Notified.
108.20	To consider the joining of new Ph.D. admissions under Rolling / Project / Extensive Professional Experience (EPE) Categories.	The Senate considered the recommendations of the IRC on admission of Research Scholars under the Rolling/Project category, and approved the following: (i) The Research Scholars, who join the programme after expiry of the course addition window of that semester, will be required to pay the semester fee, except the tuition fee of that semester. Further, they will not be allowed to undertake any coursework during that semester. (ii) The Research Scholars admitted under the EPE category will be excluded from this provision.	Notified.
108.21	To consider the revision in the eligibility criteria for admission to Ph.D. programme under Extensive Professional Experience Scheme.	The Senate considered the recommendations of the IRC on the report of the committee, constituted for the periodic review and updating the eligibility criteria for Ph.D. admissions under the Extensive Professional Experience (EPE) Scheme, and accepted the same with the following modifications:	Notified.

		(i) All candidates under the EPE mode will be required to have an experience of 10 years with a Master's degree or 12 years of experience with a Bachelor's degree. (ii) In the case of Group-A government officers, only the experience of Group-A service will be considered. (iii) All applications for admission shall be accepted through the online portal. (iv) The admitted research scholars under the EPE mode shall be required to report physically at least once in the academic year for the annual presentation. (v) There will be no ceiling on the maximum number of EPE research scholars per faculty. The report is given in Appendix.	
108.22	To consider the award of Ph.D. Degrees to 122+1 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 123 Research Scholars, who have duly qualified for the award of Ph.D. degrees during Academic Year 2025-26.	Recommendations were approved by the Board.
108.23	To consider the recommendations of the committee on the "Excellence in Doctoral Research Award."	The Senate considered the recommendations of the IRC on the report of the committee and approved the following guidelines for "Excellence in Doctoral Research Award":	Notified.

		1. The cash component of the awards except for Dr. Sushil Sharma Excellence in Doctoral Research Award will be discontinued and only a citation will be conferred. 2. The citation of award, "Excellence in Doctoral Research Award" should also carry rigorous selection method on the back of the certificate as to enhance the transparency and to strengthen the importance of the award. 3. Each department/centre/school can nominate two scholars for "Excellence in Doctoral Research Award". Out of those total nominations, finally the 5 Awards including one award named as Dr. Sushil Sharma Excellence in Doctoral Research Award preferably in the area of Physics, will be selected. 4. Out of the total five awards, one award will be for the HSS, Architecture, and Management streams. 5. Applications/nominations for these Awards should annually be invited at least four months prior to the upcoming Convocation. 6. There should be an Internal Panel of the evaluators approved by the Director, IIT Roorkee, to consider the thesis for an award on the basis of parameters already notified while inviting the nomination. 7. Shortlisted scholars will be called for in-person interaction with the Internal Panel to judge the capability of the students across disciplines so as to finally recommend 5 scholars.	

108.26	To consider the modification in the admission application for M.Tech./M.Arch./MURP admissions in terms of "removal of restriction on the number of Departments/ Centres/Schools".	The Senate considered the proposal alongwith comments received from the departments/centres/school, and approved to fill the maximum fourteen (14) programme preferences, without any restriction on the number of Departments/Centres/School applied for. This will be effective from the Academic Session 2026–27.	Notified.
108.27	To consider the proposal of Mental Health Policy of IIT Roorkee.	The Senate noted the Inter-IIT dialogue on proposed guidelines on Mental Health Policy, and appreciated the efforts & participations of all IITs. The Mental Health Policy-Guidelines as already shared with the HoDs, DRC Chairs, & others, be adopted.	Included in the Director's Overview Report to the Board.
Item No. 108.3 was deferred, and 108.24 & 108.25 were reporting items.			

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 Department of Civil Engineering, in its DAPC meeting, recommended the proposal of the College of Military Engineering (CME), Pune (through BEG & Centre, Roorkee) to introduce a M.Tech. programme in 'Pavement Technology' for Defense Officers. The DAPC of the Department has duly recommended the proposed programme structure.

The IAPC, in its 158th emergent meeting held on 25.02.2026, considered and recommended the proposal with the following observations/ modifications:

a) The proposed programme is exclusively for the Defense Officers, under MoU for a specific programme as per the Memorandum of Agreement. This is considered necessary to provide an appropriate institutional framework and to facilitate academic interaction and mobility opportunities for IIT Roorkee students at CME, Pune.

b) The intake should be fixed. The CME, Pune should be informed that they should sponsor these number of students every academic year. The Institute rules regarding admission of full-time sponsored candidates will be followed. Bachelor's degree in Civil Engineering or equivalent in relevant discipline.

c) The Department of Civil Engineering and the CME, Pune to frame the modalities for the evaluation of 02 PECs, which are to be taught online by IIT Roorkee.

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

The modified programme structure after incorporating the above, is attached as **Appendix-A.** The admission requirements are listed below:

(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.

The above is submitted for the consideration of the Senate.

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 evaluated at CME.~~ Rest of the courses will be taught and evaluated by CME at CME Campus. Evaluation of 02 PECs will be by IITR instead of CME.
2. Electives can be selected from the list of electives.

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**			

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.

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.

As per the Exit Policy for the Academic Programs (Item No. 90.4), *"3. The Exit option in a Ph.D. program 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."*

The following two scholars have requested exit from the Ph.D. programme with the award of M.S. (by Research) degree:

S. No.	Name, En. No. & Category	Date of Reg. (Dept.)	Supervisor	Candidacy Completion Date	CGPA	Presentation Date of M.S. Thesis
1	Arvind Kumar Mishra (21914006) - Full-Time	July 23, 2021 (EED)	Prof. Sohom Chakrabarty	January 20, 2023	8.200	October 30, 2025
2	Sachin Jain (21910044) - Part-Time	July 24, 2021 (CED)	Prof. Pradeep Bhargava	September 21, 2022	9.000	June 18, 2025

The conditions prescribed for such exit have been fulfilled. Accordingly, the Provisional Degree Certificates (PDCs) have already been issued to both scholars with the approval of the Dean of Academic Affairs, **Appendix-A**.

The IRC, in its 77th meeting held on April 15, 2026, vide Item No. 77.2.5, considered and recommended the above-specified candidates for the award of the M.S. (by Research) degree in Convocation–2026.

The above is submitted for the consideration of the Senate.

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 DRC Chairperson of WRDM, vide email dated March 25, 2026, informed about some procedural concerns in the processing of ODC reports and subsequent recommendations.

At present, the Chairperson, D/C/Sc-RC is not a member of the ODC. The Ph.D. viva voce examination is conducted under the chairpersonship of the Head of the concerned Department/Centre/School, with the Supervisor(s), External Examiner, and SRC Chairperson as members. However, after submission of the ODC report by all members, the Chairperson, D/C/Sc-RC is required to endorse the same under the "Thesis Submission" section on the portal.

The existing procedure gives rise to the following concerns:

i. The requirement of endorsement by the Chairperson, D/C/Sc-RC appears redundant, as the ODC report has already been duly approved by the Head of the Department/Centre/School.
ii. Since the Chairperson, D/C/Sc-RC is not a member of the ODC, such endorsement may not be procedurally tenable.

The IRC, in its 77th meeting held on April 15, 2026, vide Item No. 77.2.6, considered and recommended that the requirement of post facto endorsement by the Chairperson, DRC, may be dispensed with, and the role of the Chairperson, DRC, in the procedure following the oral defence may be discontinued.

It was further recommended that only the Supervisor(s) and External Examiner(s) shall constitute the ODC, and their endorsement shall be sufficient for submission of the ODC reports.

The above is submitted for the consideration of the Senate.

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 Institute Instrumentation Centre (IIC) offers a multidisciplinary PhD programme, admitting scholars from diverse academic backgrounds including:

- M.Sc. in Physics, Applied Physics, Material Science, Chemistry, Electronics & Nanotechnology (with NET/GATE)
- M.Sc. in Biological Sciences, Life Sciences, or related fields (with NET/GATE)
- M.Tech. in Computer Science, Biotechnology, Nanotechnology, Material Science, or equivalent (with NET/GATE)
- B.Tech. in Engineering Physics, Electronics & Communication, Computer Science, Biotechnology (with NET/GATE)

Research conducted at IIC is generally aligned with the scholars' core academic backgrounds, spanning multiple disciplines.

The Senate, in its 105th meeting held on July 9, 2025, considered the proposal for awarding Ph.D. Degrees in their respective fields of Master's/Core Study, and decided that the existing provisions of Joint Faculty/Joint Professors in cognate departments be followed in line with the PhD seat matrix with MHRD fellowship at IIC.

At present, the Ph.D. thesis is submitted under a common nomenclature, i.e., "*Doctor of Philosophy in Institute Instrumentation Centre*", irrespective of the specific research domain.

Some Research Scholars from the Institute Instrumentation Centre requested that their academic specialization be recorded/reflected on their Ph.D. degrees, **Appendix-A**.

Further, it has been observed that certain Centres/Schools offer specialisations that overlap with the core academic domains of parent Departments. In such cases, the admission of candidates with domain-specific backgrounds may require broader academic scrutiny and alignment with existing departmental standards.

Accordingly, it is proposed that whenever a Centre/School offers or admits candidates in a specialisation that overlaps with a parent Department, the Chairperson, Departmental Research Committee (DRC), or a nominee shall be included in the admission process of the Centre/School for such candidates.

A draft Standard Operating Procedure (SOP) outlining the proposed mechanism for identification of overlapping specialisations and inclusion of DRC representatives in the admission process is at **Appendix-B.**

The IRC, in its 77th meeting held on April 15, 2026, vide Item No. 77.2.7, reconsidered the matter relating to the existing Ph.D. thesis submission format, based on the request of the Institute Instrumentation Centre (IIC). The Committee also noted that certain Centres/Schools offer specialisations that overlap with the core academic domains of parent Departments.

The IRC recommended that the specialisation, wherever required, may be indicated under the following approved categories: Physical Sciences, Chemical Sciences, Biological Sciences, or Engineering Sciences.

Further, recommended that, instead of indicating "Doctor of Philosophy in [Centre/School's name]," the specialisation may be mentioned separately, with the Centre/School's name explicitly stated at the bottom **(*format at* Appendix-C)**. All Centres/School may use either the above-mentioned categories or their respective Centre/School name for this purpose.

The above is submitted for the consideration of the Senate.

Appendix 'A'
Item No. Senate / 109.6

To
The Dean of Academic Affairs
Indian Institute of Technology Roorkee
Roorkee - 247667
Uttarakhand, India

Dated: 02/04/2026

Subject: Request for Correction of Subject Title in the First Four Pages of Submitted Thesis

Respected Sir,

I am Pramod Kumar, a student at the Institute Instrumentation Centre, writing to respectfully request a correction in the subject title mentioned in the first four pages (autogenerated from the academic portal) of my thesis (duly attached and highlighted here). I have already submitted my thesis on **31 March 2026**; however, after submission, I noticed that the subject on the initial pages is a repetition of the department name, i.e., ***'INSTITUTE INSTRUMENTATION CENTRE'***. This incorrect subject may create issues, especially because my earlier specialization is in ***Electronics***, and the incorrect mention does not align with my previous degree or academic background.

Therefore, I kindly request you to allow the correction of the subject in the first four pages of my thesis so that it properly reflects the specialization and remains consistent with my academic records.

Thank you for your time and consideration.

Yours sincerely,

Pramod Kumar
21905001
Institute Instrumentation Centre
IIT Roorkee

Documents Encl.

1. Autogenerated first four pages of Thesis
2. Minimum Educational Qualification for admission

strongly Recommended
R Chandra
2.4.2026

(Supervisor)
Dr. Ramesh Chandra
Professor & Supervisor
Institute Instrumentation Centre
Indian Institute of Technology Roorkee
Roorkee-247 667, Uttarakhand, INDIA

(Head, IIC)
Dr. Pravindra Kumar
Professor & Head
Institute Instrumentation Centre
Indian Institute of Technology Roorkee
Roorkee-247 667 (India)

(Chairperson CRC, IIC)

Date: 02-04-2026

To
The Dean of Academic affairs
Indian Institute of Technology Roorkee
Roorkee – 247667, Uttarakhand

Subject: Request for PhD subject clarification

Dear Sir,

My name is Prachi (Enrolment No. 19905002), a research scholar under the supervision of Prof. Ramesh Chandra and Prof. Vivek K. Malik at the Institute Instrumentation Centre, IIT Roorkee.

Recently, I am in the process of submitting my Ph.D. thesis however, I am encountering an issue on the submission portal which providing the degree is being categorized under "**Doctor of Philosophy in Institute Instrumentation Centre"** as the subject. I would like to bring your kind attention that my academic background and research specialization are in **"Physics"**. I have qualified for the NET-JRF in Physics, completed my PhD coursework, and conducted research in the domain of **Physics**.

Additionally, I am actively applying for postdoctoral and assistant professor positions. In my cases, particularly for the Assistant Professor post, some institutions require candidates to have **doctoral research publications in their respective research fields** (if one have an Instrumentation degree, must have a research paper in instrumentation).

In this context, the current subject (**Instrumentation**) given by the academic may lead to ambiguity with my previous degrees and current research in the Ph.D. (**Physics**).

Therefore, I kindly request you to look into this matter and make necessary corrections to accurately reflect my subject specialization. As we are nearing the completion of our degree process, I would greatly appreciate your prompt attention to this issue.

Thank you for your time and consideration.

Your sincerely,

Prachi (19905002)
Research Scholar
Email: prachi@ic.iitr.ac.in
IIC, IIT Roorkee
Roorkee, Uttarakhand-247667

Strongly Recommended

Prof. Ramesh Chandra
(Supervisor)

2/4/2026
Dr. Ramesh Chandra
Professor & Supervisor
Institute Instrumentation Centre
Indian Institute of Technology Roorkee
Roorkee-247 667, Uttarakhand, INDIA

Prof. Shailly Tomar
(CRC)

Prof. Pravindra Kumar
(Head, IIC)
Dr. Pravindra Kumar
Professor & Head
Institute Instrumentation Centre
Indian Institute of Technology Roorkee
Roorkee-247 667 (India)

To
The Dean of Academic Affairs
Indian Institute of Technology Roorkee
Roorkee-247667
Uttarakhand, India

Dated: 02/04/2026

Subject: Request for Correction of Ph.D. Degree Subject in Academic Records

Respected Sir,

I am Ananya Bansal, a Ph.D. scholar registered at the Institute Instrumentation Centre (IIC). I am currently in the final phase of my research work and expect to submit my thesis within the next six months.

I would like to bring to your kind notice that my Ph.D. degree subject/specialization on the portal is presently showing as "***Institute Instrumentation Centre***". In this regard, I humbly request that my degree subject/specialization be recorded as Doctor of Philosophy in ***Physics*** as per my last qualifying degree. This correction is important to ensure proper alignment with my academic background and to support my future academic and professional opportunities.

I shall be grateful for your prompt consideration of this matter. Please let me know if any further documents or formalities are required from my side.

Thanking you.

Yours sincerely,

Ananya Bansal
Ph.D. Scholar
Institute Instrumentation Centre
22905001

Strongly Recommended

02.4.2026

(Supervisor)
Dr. Ramesh Chandra
Professor & Supervisor
Institute Instrumentation Centre
Indian Institute of Technology Roorkee
Roorkee-247 667, Uttarakhand, INDIA

(Head, IIC)

Dr. Pravindra Kumar
Professor & Head
Institute Instrumentation Centre
Indian Institute of Technology Roorkee
Roorkee-247 667 (India)

(Chairperson CRC, IIC)

To

The Dean, Academic Affairs

IIT Roorkee

Subject: **Request for Change of Subject Title in Ph.D. Thesis**

Respected Sir,

I am a Research Scholar, **SONIKA (21905002)**, at the Institute Instrumentation Centre (IIC), IIT Roorkee, and I am currently in the final stage of my Ph.D., with my synopsis already approved. I am writing this application to kindly request a correction in the subject title mentioned on the first page of my thesis.

I was admitted to the Ph.D. program in July 2021 at IIC on the basis of UGC-NET JRF in Physics. My academic background includes **B.Sc. and M.Sc. in Physics, and I have qualified NET-JRF in Physics** as well. As per the eligibility criteria, candidates from Physics, Chemistry, and allied disciplines were eligible for admission to IIC.

During the course of my Ph.D., I have successfully completed coursework related to Physics and carried out my entire research work in the field of **Experimental Condensed Matter Physics**. My work is purely within the domain of Physics, and I have published three research papers, with two more under review and one review paper in preparation.

However, the subject mentioned on the first page of my thesis currently reflects Ph.D. submitted in **"Institute Instrumentation Centre (IIC)"** instead of specifying my core discipline, i.e., **Physics**. This may create difficulties for me while applying for academic positions, postdoctoral opportunities, and other professional prospects, where subject specialization is an important criterion.

Therefore, I humbly request you to kindly consider updating my thesis subject to reflect **"Ph.D. in Physics"** instead of mentioning IIC. This change will accurately represent my academic background and research contributions.

I shall be highly grateful for your kind consideration and support in this matter.

Thanking you.

Yours sincerely,
Sonika
Research Scholar
Enrollment No.: 21905002
Institute Instrumentation Centre (IIC)
IIT Roorkee
Date: 02/04/2026

Strongly Recommended
2-4-2026

Prof. Ramesh Chandra
Supervisor
IIC, IIT Roorkee

Dr. Ramesh Chandra
Professor & Supervisor
Institute Instrumentation Centre
Indian Institute of Technology Roorkee
Roorkee-247 667, Uttarakhand, INDIA

Prof. Pravindra Kumar
Head
IIC, IIT Roorkee

Dr. Pravindra Kumar
Professor & Head
Institute Instrumentation Centre
Indian Institute of Technology Roorkee
Roorkee-247 667 (India)

Prof. Shailly Tomar
CRC
Department of Biosciences and Bioengineering
IIT Roorkee

To

The Dean (Academic Affairs)

Indian Institute of Technology Roorkee

Roorkee – 247667, Uttarakhand

Subject: Request for Correction of Subject Name on Ph.D. Thesis Cover Page.

Respected Sir,

I am Somdatta, a research scholar at the Institute Instrumentation Centre, IIT Roorkee, working under Professor Ramesh Chandra, and am currently in the final stage of submission of my Ph.D. thesis. I would like to bring to your kind attention an issue regarding the subject name mentioned on the cover page of my thesis. At present, the cover page reflects "Institute Instrumentation Centre" in place of the subject name, which denotes the research centre rather than the academic discipline. My academic background at both undergraduate and postgraduate levels is in Physics, and my doctoral research work is also carried out in the same domain. Further, in previous years, research scholars associated with the Institute Instrumentation Centre were awarded their Ph.D. degrees in their respective core disciplines such as Physics, Chemistry, etc., rather than under the name of the centre, creating inconsistency with established norms. In view of the above, I kindly request that the subject on my thesis cover page be corrected to "Doctor of Philosophy (Physics)" instead of mentioning Institute Instrumentation Centre name.

This correction is essential to ensure that my degree accurately reflects my academic specialization and maintains consistency with both my educational background and past practices of the Institute. It will also be important for my future academic and professional pursuits, including job applications and postdoctoral opportunities.

I sincerely request your kind consideration and necessary correction at the earliest.

Thank you for your consideration

Yours sincerely,

Somdatta

Somdatta

(20905002)

Strongly Recommended

2-4-2026

Prof. Ramesh Chandra
(Supervisor)

Dr. Ramesh Chandra
Professor & Supervisor
Institute Instrumentation Centre
Indian Institute of Technology Roorkee
Roorkee-247 667, Uttarakhand, INDIA

R & F

Prof. Pravindra Kumar
(Head, IIC)

Dr. Pravindra Kumar
Professor & Head
Institute Instrumentation Centre
Indian Institute of Technology Roorkee
Roorkee-247 667 (India)

Prof. Shailly Tomar
(CRC, IIC)

To

Dean of Academic Affairs

AAO, IIT Roorkee

Roorkee – 247667, Uttarakhand, India

Subject: Regarding PhD degree nomenclature

Respected Sir,

I am Radhika Jain, a research scholar at Institute Instrumentation Centre, IIT Roorkee, under the supervision of Prof. Ramesh Chandra.

I would like to bring to your kind attention a concern regarding the nomenclature of the PhD degree awarded to students from the Institute Instrumentation Centre (IIC). Currently, the thesis cover page mentions "PhD in Institute Instrumentation Centre," whereas earlier, degrees awarded to IIC students reflected their subject specialization (e.g., Physics/Chemistry).

I would like to mention that my academic background is in Physics (M.Sc. Physics), and my research work is also primarily in the field of Physics.

In this context, the present nomenclature may not accurately represent my subject specialization and could create ambiguity during future academic or professional evaluations such as postdoctoral positions or job applications.

I kindly request you to consider including the relevant discipline (e.g., Physics) along with the centre name in the degree nomenclature, or provide clarification regarding this matter.

I would be grateful if you could clarify this matter.

Thanking you.

Yours sincerely,

Radhika Jain.

Radhika Jain

Enrollment No.- 23905001

& Strongly Recommended

2-4-2024

Prof. Ramesh Chandra

(Supervisor)

Dr. Ramesh Chandra
Professor & Supervisor
Institute Instrumentation Centre
Indian Institute of Technology Roorkee
Roorkee-247 667, Uttarakhand, INDIA

Prof. Pravindra Kumar

(Head, IIC)

Dr. Pravindra Kumar
Professor & Head
Institute Instrumentation Centre
Indian Institute of Technology Roorkee
Roorkee-247 667 (India)

Prof. Shailly Tomar

(CRC, IIC)

Appendix 'B'
Item No. Senate / 109.6

DRAFT - NOTIFICATION

Subject: Implementation of SOP for Inclusion of DRC Representation in PhD Admission Process of Centres/Schools in Cases of Overlapping Specialisations - Reg.

It is hereby informed that the Institute has approved the Standard Operating Procedure (SOP) for the inclusion of Departmental Research Committee (DRC) representation of parent Departments in the admission process of Centres/Schools, in cases where the offered specialisations overlap with the core academic domains of existing Departments.

As per the approved SOP, whenever a Centre/School conducts PhD admissions in such overlapping specialisations, a nominee from the concerned parent Department's DRC shall be mandatorily included in the admission/selection process to ensure academic alignment and rigour.

All Heads of Departments/Centres/Schools and Chairpersons of DRCs are requested to ensure strict compliance with the above provisions during the PhD admission process.

Assistant Registrar
(Evaluation)

Appendix 'C'
Item No. Senate / 109.6

[TITLE]

A THESIS

Submitted in partial fulfilment of the
requirements for the award of the degree

of

DOCTOR OF PHILOSOPHY

in

[Centre/School Name or Physical Sciences/Chemical Sciences/Biological Sciences/Engineering Sciences]

by

[RESEARCH SCHOLAR'S NAME]

[CENTRE/SCHOOL NAME]
INDIAN INSTITUTE OF TECHNOLOGY ROORKEE
ROORKEE – 247667 (INDIA)
[MONTH, YEAR]

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

The Council of IITs in its 56th meeting held on August 25, 2025, vide item No. 56.20, **Appendix-A**, resolved that:

> "Technology Integration: For Post Graduate courses, PhDs, Postdoctoral degrees, study in IITs must focus on emerging technologies and innovation in the high tech space including AI, data analysis, Machine learning, etc. All other fields such as humanities etc. should be based on their integration with technology, to achieve the goal of *Viksit and Atmanirbhar Bharat* by 2047."

In line with the above, it is proposed that the said objectives may be implemented in Ph.D. programmes through the Department/Centre/School Research Committees (D/C/Sc-RC).

Further, it is proposed that the Academic Affairs Office (AAO) develop a mechanism whereby, at the time of finalizing the supervisor form on the academic portal, details of the proposed research topic and the broad area are mandatorily provided by the research scholars through the concerned Department/Centre/ School.

The IRC, in its 77th meeting held on April 15, 2026, vide Item No. 77.2.8, considered and recommended that measures for aligning Ph.D. programmes with critical technologies and national priorities, as per the IIT Council resolution, be implemented through the Department/Centre/School Research Committees (D/C/Sc-RC). The Committee further recommended that the Academic Affairs Office (AAO) develop a mechanism on the academic portal to mandatorily capture details of the proposed research topic and broad area at the time of finalization of the supervisor form.

The above is submitted for the consideration of the Senate.

56.20: Aligning the Graduate/Post Graduate and Ph.D courses within IITs to critical technology and National Priorities.

Director, IIT Gandhinagar presented the proposal for aligning the Graduate/Post graduate and PhD courses within IITs to critical technology and National priorities such as AI/ML, quantum computing, data analytics, cybersecurity, and semiconductors.

The matter was discussed in detail. It was suggested that the curricula must be reviewed by including new courses, removing outdated ones, and promoting interdisciplinary education.

Recommendations

Technology integration: For Post Graduate courses, PhDs, Postdoctoral degrees, study in IITs must focus on emerging technologies and innovation in the high tech space including AI, data analysis, Machine learning, etc. All other fields such as humanities etc. should be based on their integration with technology, to achieve the goal of *Viksit and Atmanirbhar Bharat* by 2047.

(Action: All IITs)

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

The IIT Council, in its 56th meeting held on August 25, 2025, discussed operationalizing mechanisms for credit transfer and student exchange across IITs and other institutions to align with the goals of NEP 2020. IIT Madras was tasked with designing the framework, **Appendix-A**.

Now, IIT Madras has proposed an inter-IIT MoU on student exchange and collaborative research activities, **Appendix-B**.

The IRC, in its 77th meeting held on April 15, 2026, vide Item No. 77.2.10, considered and recommended the Memorandum of Understanding (MoU) on Academic Cooperation between the Indian Institutes of Technology (IITs), as proposed by IIT Madras.

The above is placed for the consideration of the Senate.

56.13: Sharing of credits amongst 23 IITs, within the NCrF/creditisation of SWAYAM+.

The matter regarding the implementation of the National Credit Framework (NCF) was discussed extensively. It was informed that a meeting was held with Dean Academics of all IITs at IIT Madras to deliberate on strategies for advancing NCF objectives and enabling greater academic flexibility. The discussion focused on operationalizing mechanisms for credit transfer and student exchange across IITs and other institutions to align with NEP 2020 goals.

It was further agreed upon that student mobility and credit sharing are critical to fostering academic diversity and experiential learning. It was highlighted that IITs should take proactive steps to implement structured targets for student exchange and develop mechanisms for seamless credit transfer across institutions, including NITs and other centrally funded technical institutions.

Recommendations:

1. IITs to set a target of 5% undergraduate student exchange across IITs, ensuring smooth credit transfer for courses taken at other IITs.
2. Inter-IIT team lead by IIT Madras to design a flexible credit-sharing framework with other non-IIT institutions such as NITs, IIITs, IISERs, NLUs etc. enabling cross-institutional learning and developing implementation guidelines and timelines.

(Action to be taken: IIT Madras)

Timelines: 6 Months

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.

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.

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
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

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

For IIT Tirupati India
Dr. Kalidindi N. Satyanarayana Director

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%.

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.

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

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

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

For IIT Tirupati India
Dr. Kalidindi N. Satyanarayana Director

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.

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

For IIT Delhi India	For IIT Dharwad, India

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For IIT Dhanbad, India	For IIT Gandhinagar India
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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

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

For IIT Tirupati India
Dr. Kalidindi N. Satyanarayana Director

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.

Provisional PhD degrees have been issued to 70 research scholars who have completed the requirements for the award of the PhD degree in various disciplines, after the previous Board meeting held on March 21, 2026 **(Appendix-A)**.

The Senate may consider recommending the award of these degrees to the Board of Governors.

The above is submitted for the consideration of the Senate.

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

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

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

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

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

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

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

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

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

<table>
<tr><th>S. No.</th><th>Name of Awards/ Scholarship</th><th colspan="2">Criteria</th><th>Implemented & Recommended by</th></tr>
<tr><td colspan="5">A. Awards/Scholarships:</td></tr>
<tr><td rowspan="2">1.</td><td rowspan="2">Aaryam Foundation Scholarship for Excellence</td><td>Existing</td><td>Revised</td><td rowspan="2">Aaryam Foundation</td></tr>
<tr><td>Aaryam Foundation, represented by the Secretary, Mr. Ravi Srivastava, Gurgaon, has established a corpus to extend the benefit of the proposed scholarship to up to two undergraduate students enrolled in B.Tech. (Computer Sciences and Engineering) every year by providing a scholarship covering 50% of the tuition fees or up to INR 1.5 lakhs (Indian Rupees One lakh fifty thousand only) per student, whichever is lower.

Selection Process:

1. Students need to apply online on www.aaryamfoundation.com website.

2. Short listed students will undergo a zoom / remote video interview with at least 2 Trustees of the Donor.

3. On final selection, the Donor will remit scholarship amount</td><td>Aaryam Foundation, represented by the Secretary, Mr. Ravi Srivastava, Gurgaon, has now revised the existing selection process as stipulated in the MoU signed in July 2025. As per the revised criteria:

i. The scholarship will now be open to students of all years, instead of being restricted to only first-year students.

ii. The scholarship will be extended to students from all engineering disciplines, instead of being limited to Computer Science and Engineering.

The recommendation for this scholarship will be made by the Aaryam Foundation, and the scholarship, as per revised criteria, will commence from the academic year 2026–27.</td></tr>
</table>

S. No.	Name of Awards/ Scholarship	Criteria		Implemented & Recommended by
		directly to the Institute, as and when the student's fees are payable, and subject to other terms and conditions of the scholarship being met. The student will claim this scholarship amount by submitting a claim form provided by the Institute. 4. Aaryam Foundation will share a provisional list of awardees with IIT Roorkee, including their enrollment numbers. In response, IIT Roorkee will verify and return the provisional list with remarks indicating whether the students have received scholarships from other sources. Based on this, Aaryam Foundation will send the final list of awardees to IIT Roorkee. 5. The student should not receive the benefit of the Tuition Fee Waiver from the Institute or financial benefits from any other source.		

S. No.	Name of Awards/ Scholarship	Criteria		Implemented & Recommended by
		6. For the Academic Year 2025-26, it will be applicable to first-year students. The scholarship of the students selected in the first year will be continued if they maintain the CGPA criteria of 8.5. Recommendation of this scholarship will be done by the SCSP. This scholarship will be awarded from the academic year 2025-26. The Chairman, Senate approved the above reporting item on 19.02.2026.		
2.	i. HORIBA Talent Hunt Scholarship ii. HORIBA India PG awards	HORIBA INDIA PRIVATE LIMITED, acting through its authorised signatory Dr. Rajeev Gautam, Director, signed an MoU titled, **'HORIBA Talent Hunt Scholarship'** for fee waiver of UG students and **'HORIBA India PG awards'** for PG students with IITR in February, 2026 under Corporate Social Responsibility (CSR). **i. HORIBA Talent Hunt Scholarship** **Eligibility:** All undergraduate students of the Indian Institute of Technology, Roorkee (IIT-R) who have applied under the IIT-R Tuition Fee Waiver Scheme for Academic Year 2025–26 and have been granted a two-thirds (⅔) tuition fee waiver but have not qualified for the Merit-Cum-Means (MCM) Scholarship shall be considered eligible for the **HORIBA India Partial Fee Waiver.**		SCSP Office

S. No.	Name of Awards/ Scholarship	Criteria	Implemented & Recommended by
		Selection Basis: The selection of eligible students shall be strictly on merit, as follows: • **Non-First-Year Students:** Selection shall be based on the highest Cumulative Grade Point Average (CGPA) achieved during Academic Year 2024–25. • **First-Year Students:** Selection shall be based on the highest rank obtained in the Joint Entrance Examination (JEE) Advanced. **Number of Beneficiaries:** A total of **ten (10) undergraduate** students shall be selected for the HORIBA Talent Hunt Scholarship, comprising **three (03) first-year students** and **seven (07) non-first-year students.** **ii. HORIBA India Postgraduate Awards** **Eligibility:** The HORIBA India Postgraduate Awards shall be granted to meritorious postgraduate students at the IIT-R who have demonstrated academic excellence by securing first, second, third, or fourth position in their respective programmes during the first academic year (2024–25). **Scope of Award:** • The award shall be conferred upon M. Tech. second-year students who achieved 1st, 2nd, 3rd, and 4th positions in their first year of study (Academic Year 2024–25). • The award shall also be conferred upon M.Sc. second-year students who achieved 1st and 2nd positions in their first year of study (Academic Year 2024–25).	

S. No.	Name of Awards/ Scholarship	Criteria	Implemented & Recommended by
		Number of Beneficiaries: A total of **six (06) postgraduate students** shall be selected under this scheme, comprising **four (04) M.Tech.** students and **two (02) M.Sc.** students. **Direct Benefit to Students:** The amount shall be utilized to provide a one-time tuition fee waiver of INR 66,000 (Rupees Sixty-Six Thousand only) to each selected undergraduate student, benefiting a total **ten (10) UG students**, comprising **three (03) first-year** students and **seven (07) non-first-year** students and a one-time award of INR 1,10,000 (Rupees One Lakh Ten Thousand only) to each selected postgraduate student. A total of **six (06) PG students** shall benefit under this scheme, comprising **four (04) M.Tech.** students and **two (02) M.Sc.** students, in accordance with the eligibility and selection criteria stipulated herein. The recommendations for this scholarship and awards will be made by the SCSP. The Chairman, Senate approved the above reporting item on 19.02.2026.	

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, in its 72nd meeting held on 22.03.2018, approved the following eligibility criteria for Merit-Cum-Means Scholarships:

i. Gross income of parents (Father/Mother/Both) for the previous financial year is not more than Rs. 5,00,000/- per annum.
ii. **CGPA and YGPA should be more than 7.0**.
iii. All registered courses should have been cleared.
iv. Available only for the normal duration of the program. For dual degree students, it will be available only up to the 4th year.
v. The student should not have been penalized due to unfair means/indiscipline.
vi. Available up to 25% of the actual strength of the class.

As per the prevailing practice at SCSP, YGPA was not being considered for the eligibility criteria, as it was not being maintained by the academic office or any other authority. Consequently, the relevant data was not available.

A proposal to determine the eligibility criteria for the MCM scholarships solely on the basis of CGPA (excluding YGPA), along with the other criteria mentioned above, was considered and approved by the Chairman, Senate.

The above is reported to the Senate.

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

A. Awards/Cash Prizes to the UG/PG students based on Academic Performance up to the Academic Year 2024-25.
B. Memorial & other Awards/Cash Prizes on the basis of recommendations received from the concerned Department
C. Awards/Cash Prizes on settled criteria such as communication skills, academic excellence, multiple activities including academics, sports, cultural etc., leadership skills, exceptional work for human values, social works, and best essay writing, etc.
D. Memorial & other Awards/Cash Prizes for sports events.

List of awardees for the Excellence Awards for the Academic Year 2025–26 is attached at **Annexure 'A'**.

Details of Excellence Awards for the Academic Year 2025-26

A: Awards/Cash Prizes based on Academic Performance

The following Awards/Cash Prizes are recommended by the SCSP to the UG/PG students on the basis of their academic performance up to the Academic Year 2024-25:

S. No.	Award/Cash Prize	Criteria	Details of Awardees				
			Enroll. No.	Name	Programme	CGPA/JEE Adv. Rank	Year
1	Award of Subarwal Scholarship of Rs. 20,000/-	For securing the highest CGPA amongst any year students of all B.Tech. branches in order of merit who does not get any other scholarship.	23117105	RAHIL GUPTA	B.Tech. (Data Science and Artificial Intelligence)	9.9	3
2	1940 Batch Alumni Scholarship of Rs. 20,000/-	For having the highest rank in JEE (Advanced) amongst I-year students of B.Tech. (Civil Engineering) admitted at the Institute.	25113007	ABHINAV PARASHAR	B.Tech. (Civil Engineering)	5247	1
3	Dr. H.P. Sinha Merit Scholarship of Rs. 20,000/-	It shall be awarded to IV-year student of B.Tech. (Civil Engineering) based on III-year performance.	22113140	SHIVANSHU DHIMAN	B.Tech. (Civil Engineering)	9.667	4
4	Dr. Gorakh Prasad Trust Scholarship of Rs. 20,000/-	For securing the highest marks/CGPA in I-semester of M.Sc. Mathematics I-year.	24616016	KHUSHBOO SINGH	M.Sc. Mathematics	10	2
5	Dr. Gorakh Prasad Trust Scholarship of Rs. 20,000/-	It shall be awarded to II-year student of M.Sc. Mathematics for securing the highest marks/CGPA in I-year.	24616016	KHUSHBOO SINGH	M.Sc. Mathematics	9.791	2
6	Lt. Gen. Ram Adhar Loomba Prize of Rs. 20,000/-	For securing the highest CGPA amongst the III-year students of B.Tech. (Civil Engineering). Two awards are to be given to two deserving students (one male & one female). If there is no girl in B.Tech. (Civil Engineering) then the prizes will be awarded to the two top students.	22113140	SHIVANSHU DHIMAN	B.Tech. (Civil Engineering)	9.667	4
7	Lt. Gen. Ram Adhar Loomba Prize of Rs. 20,000/-		22324010	ISHIKA ARYA	B.Tech. (Civil Engineering)	8.604	4
8	Rai Bahadur Khushi Ram Sud & Shrimati Durga Devi Sud Memorial Cash Prize of Rs. 20,000/-	It shall be awarded for the student who obtains the highest CGPA in B.Tech. (Civil Engineering) II-year.	23113154	TUSHAR BANSAL	B.Tech. (Civil Engineering)	9.258	3
9	Late Mr. Hakumat Rai & Mrs. Sushila Sekhri Scholarship of Rs. 20,000/-	It shall be awarded to II-year girl student of M.Sc. Biosciences for securing the highest marks/CGPA in I-year.	24618011	MANALIKA	M.Sc. Biosciences and Bioengineering	9.81	2
10	Prem Prakash Gupta Scholarship of Rs. 20,000/-	It shall be awarded to a B.Tech. (Chemical Engineering) IV-year student for securing the highest CGPA upto III-year.	22118011	ANANYA MISHRA	B.Tech. (Chemical Engineering)	9.718	4
11	Seema Jain Scholarship of Rs. 20,000/-	It shall be awarded to II-year girl student of M.Sc. Chemistry for securing the highest CGPA in I-year.	24611036	SRESTHA DUTTA CHOUDHURY	M.Sc. Chemistry	9.78	2

S. No.	Award/Cash Prize	Criteria	Details of Awardees				
			Enroll. No.	Name	Programme	CGPA/JEE Adv. Rank	Year
12	Mr. & Mrs. Harkrishan Singh Golden Jubilee scholarship of Rs. 20,000/-	For securing the highest CGPA amongst any year of all B.Tech. branches.	23116089	SHYAM DINESH AGARWAL	B.Tech. (Computer Science and Engineering)	9.929	3
13	Tabassum Ajaz Award for Excellence (TAWAF) of Rs. 20,000/-	For securing the highest CGPA amongst any year students of all B.Tech. branches and B.Arch.	23116089	SHYAM DINESH AGARWAL	B.Tech. (Computer Science and Engineering)	9.929	3
14	Tara Chand Kanti Devi Cash Prize of Rs. 20,000/-	For securing the highest CGPA in I-year students of B.Tech. (Civil Engineering).	24113131	SWAPAN NARANG	B.Tech. (Civil Engineering)	8.81	2
15	Kailash Chand Goyal Merit Scholarship of Rs. 25,000/-	It shall be awarded to IV-year student of B.Tech. (Electronics and Communication Engineering) for securing the highest CGPA up to III-year.	22115031	ARYAN CHAUDHARY	B.Tech. (Electronics and Communication Engineering)	9.812	4
16	Sudhir Kumar Mittal Award of Rs. 20,000/-	To be awarded to a 2nd year M.Tech. student of Pulp and Paper Engineering based on the academic performance upto 1st year.	24546001	AKANKSHA VERMA	M.Tech. Pulp and Paper Engineering	9.237	2
17	Kaustubh Roy Memorial Cash Prize of Rs. 20,000/-	It shall be awarded to IV-year student of B.Tech. (Mechanical Engineering) for securing the highest CGPA in III-year.	22113040	CHIRAG RATHEE	B.Tech. (Mechanical Engineering)	9.527	4
18	BSHPC Cash Prizes of Rs. 20,000/-	For securing the highest CGPA amongst the I-year students of M.Tech. Renewable and Hydro Energy.	24568015	ARNAV RAJ	M.Tech. Renewable and Hydro Energy	9.667	2
19	Ashwani Kumar Goel, ALEO Manali Hydropower Award of Rs. 20,000/-	For securing the highest CGPA amongst the I-year self-financed students of M.Tech. Renewable and Hydro Energy.	24568015	ARNAV RAJ	M.Tech. Renewable and Hydro Energy	9.667	2
20	Gauri Shanker - Malti Prize of Rs. 20,000/-	For the student who obtains highest CGPA in B.Tech. (Civil Engineering) III-year.	22113140	SHIVANSHU DHIMAN	B.Tech. (Civil Engineering)	9.667	4
21	Maneesha Gupta Award of Excellence of Rs. 20,000/-	For securing the highest CGPA amongst the I-year students of MBA.	24810037	NIKITA SAWHNEY	MBA	8.953	2
22	Shri Raghuraj Behari Mathur Cash Prize of Rs. 20,000/-	Two awards will be awarded to II-year students of B.Tech. (Civil Engineering), One award for a female student who has obtained the highest CGPA in I-year and another award for a male student who has obtained the highest CGPA in I-year.	24113131	SWAPAN NARANG	B.Tech. (Civil Engineering)	8.81	2
23	Shri Raghuraj Behari Mathur Cash Prize of Rs. 20,000/-		24113144	VESANGI TEJASWI	B.Tech. (Civil Engineering)	8.69	2
24	Air Cmde S.C. Mehra Scholarship of Rs. 20,000/-	For securing the highest CGPA amongst the I-year girl students of B.Tech. (Electrical Engineering).	24115160	VANSHIKA BANSAL	B.Tech. (Electrical Engineering)	9.488	2

S. No.	Award/Cash Prize	Criteria	Details of Awardees				
			Enroll. No.	Name	Programme	CGPA/JEE Adv. Rank	Year
25	Air Cmde S.C. Mehra Scholarship of Rs. 20,000/-	For securing the highest CGPA amongst the II-year girl students of B.Tech. (Electrical Engineering).	23115083	MEDHA BHUTANI	B.Tech. (Electrical Engineering)	9.539	3
26	Air Cmde S.C. Mehra Scholarship of Rs. 20,000/-	For securing the highest CGPA amongst the III-year girl students of B.Tech. (Electrical Engineering).	22115112	PALAK TRIPATHI	B.Tech. (Electrical Engineering)	9.206	4
27	Alumni 87(Cash Prize) of Rs. 20,000/-	To be awarded to the II-year student of M.Tech. Pulp and Paper, based on academic performance up to I-year.	24546001	AKANKSHA VERMA	M.Tech. Pulp and Paper Engineering	9.237	2
28	Chhattisgarh State Power Generation Corporation Hydro Award of Rs. 20,000/-	For securing the highest CGPA amongst the I-year students of M.Tech. Renewable and Hydro Energy. The student should not receive any award of similar or higher amount.	24568020	KRISHNA PRASAD GAUTAM	M.Tech. Renewable and Hydro Energy	8.907	2
29	Chhattisgarh State Power Generation Corporation Hydro Award of Rs. 20,000/-	For securing the highest CGPA amongst the I-year students of M.Tech. Environmental Management of Rivers and Lakes. The student should not receive any award of similar or higher amount.	24513002	KOPAL SHARMA	M.Tech. Environmental Management of Rivers and Lakes	9.139	2
30	Dwarka Dass Balwant Kaur Thapar Cash Prize of Rs. 20,000/-	It shall be awarded to II-year student of M.Tech. Renewable and Hydro Energy on self finance basis for securing the second highest CGPA upto I-year.	24568012	SHAIK MAHAMMAD RAFI	M.Tech. Renewable and Hydro Energy	8.615	2
			24568013	SRIJAN	M.Tech. Renewable and Hydro Energy	8.615	2
31	Viney K and Sunita Jain Award for Excellence in Information and Communication Technologies of Rs. 20,000/-	For securing the highest CGPA to deserving students of III-year B.Tech. (Computer Science and Engineering) for their academic performance upto II-year. Two awards will be given, One award will be given to a student getting highest CGPA upto II year in the CSE and the second award will be given to a student of CSE who gets the highest CGPA amongst the woman students of the batch. In case, highest CGPA in the entire CSE class is obtained by a woman student, the second prize will go to a student who scores second highest CGPA in the class irrespective of gender.	23116089	SHYAM DINESH AGARWAL	B.Tech. (Computer Science and Engineering)	9.929	3
32	Viney K and Sunita Jain Award for Excellence in Information and Communication Technologies of Rs. 20,000/-		23112066	NANDINI	B.Tech. (Computer Science and Engineering)	9.814	3
33	B.K. Agrawal Award for Academic Excellence of Rs. 40,000/-	This award will be given to the 7th semester student with the highest CGPA upto the 6th semester of B.Tech. (Chemical Engineering).	22118011	ANANYA MISHRA	B.Tech. (Chemical Engineering)	9.718	4

S. No.	Award/Cash Prize	Criteria	Details of Awardees				
			Enroll. No.	Name	Programme	CGPA/JEE Adv. Rank	Year
34	BK Chaturvedi Award of Rs. 20,000/-	It shall be awarded to II-year student of MBA for securing the highest CGPA in the I-year.	24810037	NIKITA SAWHNEY	MBA	8.953	2
35	MECH 76 Alumni Award of Rs. 20,000/-	For securing the highest CGPA amongst the II-year students of B.Tech. (Mechanical Engineering). The student should not receive any similar award.	23117149	YOGESHWAR SINGH	B.Tech. (Mechanical Engineering)	9.716	3
36	MECH 76 Alumni Award of Rs. 20,000/-	For securing the highest CGPA amongst the III-year students of B.Tech. (Mechanical Engineering). The student should not receive any similar award.	22117089	MUNNALURU RUTHIKA	B.Tech. (Mechanical Engineering)	9.477	4
37	Shyam S Biyani Cash Award of Rs. 20,000/-	For securing the highest CGPA amongst the I-year students of M.Tech. Polymer Science and Engineering.	24562003	AKARSH GANGWAR	M.Tech. Polymer Science and Engineering	9.579	2
38	Merit Scholarship in DoMS (Management) by 1998 batch of Rs. 20,000/-	To be given to the first-year student with highest CGPA in MBA.	24810037	NIKITA SAWHNEY	MBA	8.953	2
39	Merit Scholarship in Civil Engineering Department by 1998 batch of Rs. 20,000/-	To be given to the first-year student with highest CGPA in Civil Engineering Department.	24113131	SWAPAN NARANG	B.Tech. (Civil Engineering)	8.81	2

B: Awards/Cash Prizes on the basis of recommendations received from the concerned Department

For these awards, the following recommendations have been received from the concerned departments:

S. No.	Award/Cash Prize	Criteria	Details of Recommended Awardees			
			Enroll. No.	Name	Programme	Year
1	Ar. Rishi Tiwari Memorial Scholarship of Rs. 20,000/-	For securing the highest SGPA in the Professional Training Semester amongst the students of B.Arch. programme. In case of a tie, the student with the highest CGPA will get this award.	21110018	KARTIK WADHWA	B.Arch.	5
2	Professor B.S. Varshney Memorial Cash Prize of Rs. 20,000/-	It shall be awarded to III-year student of B.Tech. (Chemical Engineering) for securing the highest marks in the subjects related to Thermodynamics and Heat Transfer in II-year.	23113014	ADITYA RANA	B.Tech. (Chemical Engineering)	3
3	Excellence Award by 1972 Batch of Chemical Engineering of Rs. 20,000/-	It shall be awarded to IV-year students of B.Tech. (Chemical Engineering) for excellent overall performance (Innovative Mind, Highest Total Marks, Business IQ & Sports) in III-year. Two	22118032	JASLEEN KAUR BIJLANI	B.Tech. (Chemical Engineering)	4

S. No.	Award/Cash Prize	Criteria	Details of Recommended Awardees			
			Enroll. No.	Name	Programme	Year
4	Excellence Award by 1972 Batch of Chemical Engineering of Rs. 20,000/-	awards are to be given. The students should not receive any merit scholarship.	22112065	MD FARHAN	B.Tech. (Chemical Engineering)	4
5	Madhu Goyal All Round Excellence Award of Rs. 20,000/-	It shall be awarded to II-year student of B.Tech. (Chemical Engineering) for All-round excellence (CGPA (weightage-60%), Sports/Extra Curricular Activities (20%), Leadership Quality/Team person (10%), Innovation/Extraordinary suggestion (10%)) in I-year.	24112071	MANAS ASHISH KAWATHALKAR	B.Tech. (Chemical Engineering)	2
6	Smt. Santosh Rani Tandon Memorial Award of Rs. 50,000/-	For securing the highest total marks/grades in the two compulsory courses, "Design of Reinforced Concrete Elements" and "Design of Steel Elements" amongst the IV-year girl students of B.Tech. (Civil Engineering). Tie (if any) will be broken on the basis of overall CGPA up to III-year.	22113062	ISHA SURYAWANSHI	B.Tech. (Civil Engineering)	4
7	Shri Ishwar Dayal Singhal Cash Award of Rs. 20,000/-	For securing the highest marks in the subject CEN-106: Geomatics Engineering-I or equivalent amongst the I-year students of B.Tech. (Civil Engineering).	24113047	GIRISH GUPTA	B.Tech. (Civil Engineering)	2
8	Tara Chand Kochhar (Scholarship) of Rs. 20,000/-	It shall be awarded to a IV-year student of B.Tech. (Civil Engineering) for securing the average of the highest marks in the subjects CEC-304: Railway Engineering, and CEC-307: Highway and Traffic Engineering in the III-year.	22113140	SHIVANSHU DHIMAN	B.Tech. (Civil Engineering)	4
9	Chhattisgarh State Power Generation Corporation Hydro Award of Rs. 20,000/-	For securing the highest marks in the subject "Small Hydro Power Development" amongst the UG students.	23114071	NAVODIT VERMA	B.Tech. (Computer Science and Engineering)	3
10	Chhattisgarh State Power Generation Corporation Hydro Award of Rs. 20,000/-	For securing the highest marks in the seminar amongst the I-year students of M.Tech. Renewable and Hydro Energy.	24568015	ARNAV RAJ	M.Tech. Renewable and Hydro Energy	2
			24568021	STEVEN SEVERIN MSESEGA	M.Tech. Renewable and Hydro Energy	2
11	Chhattisgarh State Power Generation Corporation Hydro Award of Rs. 20,000/-	For securing the highest marks in the seminar amongst the I-year students of M.Tech. Environmental Management of Rivers and Lakes.	24513003	MAYANK SHEKHAR	M.Tech. Environmental Management of Rivers and Lakes	2
			24513010	SOLOMON RAPHAELY	M.Tech. Environmental Management of Rivers and Lakes	2

S. No.	Award/Cash Prize	Criteria	Details of Recommended Awardees			
			Enroll. No.	Name	Programme	Year
12	Usha Annual Award of Rs. 20,000/-	For securing the highest marks in the subject "Small Hydro Power Planning and Management" amongst the I-year students of M.Tech. Renewable and Hydro Energy.	24568015	ARNAV RAJ	M.Tech. Renewable and Hydro Energy	2
13	Om Prakash Gupta and Sushila Devi Memorial Scholarship of Rs. 20,000/-	It shall be awarded to a girl student of B.Tech. I-year obtains highest marks/grade in Mathematics in final examination.	24115160	VANSHIKA BANSAL	B.Tech. (Electrical Engineering)	2
14	Excellence in Human Relation Management Studies of Rs. 20,000/-	For securing the highest marks in the subjects related to human resource (Aggregate marks in BM-507, BM-510, and BM-515) amongst the I-year students of MBA.	24810037	NIKITA SAWHNEY	MBA	2
15	Balmer Lawrie Endowment Prize of Rs. 20,000/-	It shall be awarded to the student standing first in order of merit in management subject BML-509 (Technology Management) Paper. If two or more students obtain the same letter grade, the award will be given to a student who has higher CGPA.	24810012	ASHISH SHUKLA	MBA	2
16	Ajit Singh Yadav Memorial Cash Prize of Rs. 20,000/-	To be given to a student on the basis of below mentioned criteria: a. Weightage up to 75% to a student having highest CGPA up to the 2nd year in Mechanical & Industrial Engineering Department. b. 25% of the following: • Introduction to Environmental Studies (CE) and • Ethics & Self Awareness (HSS) • Engineering Analysis & Design (ME)	23113099	MOHARIR AMEYA NITIN	B.Tech. (Mechanical Engineering)	3
17	Ashesh Memorial Quiz Competition of Rs. 20,000/- and Rolling trophy	For the Quiz Competition organized by the Cultural Society of IIT Roorkee.	21322029	VEDANT DWIVEDI	BS-MS (Economics)	5
18	Best Student in different genres of debating of Rs. 20,000/-	For the best Male or Female student of IIT Roorkee in different genres of debating.	24116001	AADITYA GOYAL	B.Tech. (Electronics and Communication Engineering)	2

C: Awards/Cash Prizes on Different Criteria

I. A committee, comprising Prof. G.N. Pillai (Chairperson), Prof. Manil T. Mohan (Member), Prof. Abhisek Kumar Behera (Member), Prof. Alok Bhardwaj (member), Prof. Sandeep Kumar Garg (Member), Prof. Mohit Prakash Mohanty (Member), and Prof. Hemant Jibhau Sagar (Convener), reviewed and scrutinized the applications received and made the following recommendations:

S. No.	Award/Cash Prize	Criteria	Details of Recommended Awardees			
			Enroll. No.	Name	Programme	Year
1	Nayyar Award for Excellence in Communication of Rs. 50,000/-	For the best communication skills amongst the III, IV, and V-year students of UG/IDD programmes and all students of PG programmes. There are a total of 3 awards, Rs. 50,000/- for the best student, Rs. 30,000/- for the second best student, and Rs. 20,000/- for the third best student. In case a female student is not among the first three winners, one additional prize of Rs. 11,000/- will be given to a deserving female student.	22110032	SAKSHAM JAIN	B.Arch.	4
2	Nayyar Award for Excellence in Communication of Rs. 30,000/-		23118061	POORVA SHARMA	B.Tech. (Metallurgical and Materials Engineering)	3
3	Nayyar Award for Excellence in Communication of Rs. 20,000/-		21110011	ASTHA JAIN	B.Arch.	5
4	Sesquicentennial (1997) Batch Scholarship for Academic Excellence of Rs. 50,000/-	For the students of B.Tech./B.Arch., one each from 2nd, 3rd, and 4th year, for academic excellence. All 2nd, 3rd, and 4th year students of B.Tech./B.Arch. having a minimum CGPA of 8.0.	24123011	GAJRAJ SINGH	B.Tech. (Electrical Engineering)	2
5	Sesquicentennial (1997) Batch Scholarship for Academic Excellence of Rs. 50,000/-		23125031	SARGAM GOYAL	B.Tech. (Data Science and Artificial Intelligence)	3
6	Sesquicentennial (1997) Batch Scholarship for Academic Excellence of Rs. 50,000/-		22323001	AAYAN YADAV	B.Tech. (Data Science and Artificial Intelligence)	4

II. A committee, comprising Prof. Rajat Agrawal (Chairperson), Prof. Nagendra Kumar (Member), Prof. Vinod Pankajakshan (Member), Prof. Ram Manohar Singh (Member), Prof. P.C. Ashwin Kumar (member), Prof. Pradeep Kumar Jha (Member), and Prof. Anil Kumar (Convener), reviewed and shortlisted the applications received; interviewed the shortlisted students; and made the following recommendations:

S. No.	Award/Cash Prize	Criteria	Details of Recommended Awardees			
			Enroll. No.	Name	Programme	Year
1	Prabha Nayyar Award for Excellence in Time Management of Rs. 50,000/-	For carrying out multiple activities simultaneously and showing significant improvement in some of them without compromising on the others amongst the students completed minimum 2 years at IIT Roorkee. The activities may be as diverse as possible including academics, sports, cultural, hobbies, technical, leadership, social service, etc. (max. 3 awards of Rs. 50,000/- each).	22117074	LAKSHYA JAIN	B.Tech. (Mechanical Engineering)	4
2	Prabha Nayyar Award for Excellence in Time Management of Rs. 50,000/-		23124011	JAGRITI SINGH	B.Tech. (Chemical Engineering)	3
3	Prabha Nayyar Award for Excellence in Time Management of Rs. 50,000/-		23112036	DIVYESH BANSAL	B.Tech. (Computer Science and Engineering)	3
4	Harsh Wardhan Bhatnagar Award for Excellence in Leadership of Rs. 25,000/-	For exhibiting leadership skills by making exemplary improvements in some recognized groups at Bhawans, Department/ Centre, or Institute level. The applicant should be in the 8th semester of his/her B.Tech./B.Arch./BS-MS/Integrated M.Sc./IDD/Integrated M.Tech. programme admitted through JEE (Advanced). Applicant should be associated with one or more student groups of the Institute, such as Institute Alumni Relations Cell (IARC), Information Management Group (IMG), National Cadet Corps (NCC), Entrepreneurship Cell, Cultural Council, Technical Council, Hobbies Club, Sports Council, Bhawan Council, Student Activity Council (SAC), etc.	22115099	NAVNEET KUMAR	B.Tech. (Electrical Engineering)	4
5	Harsh Wardhan Bhatnagar Award for Excellence in Leadership of Rs. 25,000/-		22113017	ANJALI CHOUDHARY	B.Tech. (Civil Engineering)	4
6	Krishan Gopal Garg Award of Rs. 20,000/-	For the students of B.Tech., one each from 2nd, 3rd, and 4th year, based on their academic and overall performance. All 2nd, 3rd, and 4th year students of B. Tech. having a minimum CGPA of 8.0.	24117096	PANDEY SHREYASH RAKESH KUMAR	B.Tech. (Mechanical Engineering)	2
7	Krishan Gopal Garg Award of Rs. 20,000/-		23112036	DIVYESH BANSAL	B.Tech. (Computer Science and Engineering)	3
8	Krishan Gopal Garg Award of Rs. 20,000/-		22123046	VANSHIKA SINGH	B.Tech. (Engineering Physics)	4

S. No.	Award/Cash Prize	Criteria	Details of Recommended Awardees			
			Enroll. No.	Name	Programme	Year
9	Mr. Rakesh Rai Award for the best All-Rounder of the Batch of Rs. 40,000/-	This award will recognize the best all-rounder (student) of B.Tech. 4th year (Chemical Engineering) as rated during the 4 years under-graduation at IIT Roorkee in Chemical Engineering with the following details: Eligibility Criteria (each criterion to have 50% weightage): • Academics: CGPA up to 6th semester in B.Tech. Chemical Engineering. The student is expected to maintain a minimum CGPA of 8.0. • Extra Curriculars: Participation in sports/dramatics/debating/music/helping fellow students/helping faculty members for the priorities of Department of Chemical Engineering at the highest level in IIT Roorkee throughout the 3 years.	22112113	VIDISH MISHRA	B.Tech. (Chemical Engineering)	4

III. A committee, comprising Prof. Navneet Arora (Chairperson), Prof. Dharmendra Pratap Singh (Member), Prof. Anil Kumar (Convener), and Donor representatives, reviewed and shortlisted the applications received; interviewed the shortlisted students; and made the following recommendations:

S. No.	Award/Cash Prize	Criteria	Details of Recommended Awardees			
			Enroll. No.	Name	Programme	Year
1	Manoj Jain Award of Excellence in Human Values of Rs. 50,000/-	For exceptional work for human values amongst the III-year students of B.Tech./B.Arch./Dual degree programmes.	23123006	ANAMIKA PATEL	B.Tech. (Engineering Physics)	3
2	Bhagwan Devatama Memorial Award for Excellence in Social Services of Rs. 20,000/-	For excellence in social service amongst the III-year students of UG programmes.	23114004	ADESH KADUBA PALKAR	B.Tech. (Computer Science and Engineering)	3
3	Sh. Pandit Shiv Dayal Singh Memorial Award for Excellence in Social Services of Rs. 25,000/-	For excellence in social service amongst the engineering students of III-year.	23117147	VIDHI JAIN	B.Tech. (Mechanical Engineering)	3

IV. A committee, comprising Prof. Ram Manohar Singh (Chairperson), Prof. Anil Kumar Gourishetty (Member), Prof. Aviral Marwal (Member), Prof. Parikshit Pareek (Member) constituted by the cultural society of IIT Roorkee, reviewed the applications received; conducted the essay competition; and made the following recommendation:

S. No.	Award/Cash Prize	Criteria	Details of Recommended Awardee			
			Enroll. No.	Name	Programme	Year
1	Ajit Singh Yadav Memorial Essay Prize of Rs. 20,000/-	To be given to a student of any discipline for writing best Essay on a general topic in terms of content and writing style that encourages independent thinking and originality to be organized by the Cultural Society.	21110011	ASTHA JAIN	B.Arch.	5

D: Awards/Cash Prizes on the basis of recommendations received from the Institute Sports Council

For these awards, the following recommendations have been received from the Institute Sports Council:

S. No.	Award/Cash Prize	Criteria	Details of Recommended Awardees			
			Enroll. No.	Name	Programme	Year
1	Anoop Singh Khurana Squash Championship of Rs. 30,000/-	Awarded to the Winner and runner up of the squash tournament for boys	21902016	VINAY GAUTAM	Ph.D. Architecture	5
2	Anoop Singh Khurana Squash Championship of Rs. 20,000/-		24110027	VISHRUT	B.Arch.	2
3	Dr. K.V. Mital Memorial Award of Rs. 20,000/-	For being the best male player of Lawn Tennis	24323020	KUSHAL RAKESH SHAH	BS-MS (Mathematics and Computing)	2
4	Mrs. Sushila Mital Memorial Award of Rs. 20,000/-	For being the best female player of Lawn Tennis.	22113017	ANJALI CHOUDHARY	B.Tech. (Civil Engineering)	4
5	Jaikamal Award for Best Athlete of the Year of Rs. 20,000/-	For being the best two athletes, one each in male and female category.	23116011	AMGOTH GANESH	B.Tech. (Electronics and Communication Engineering)	3
6	Jaikamal Award for Best Athlete of the Year of Rs. 20,000/-		23118070	SAMUDHRALA RENUKA SREE	B.Tech. (Metallurgical and Materials Engineering)	3
7	1959 Batch Award for Excellence in Badminton (Winner)	For the excellence in badminton under male and female categories.	22115116	PATOLIYA SIDDHARTHA SANJAYBHAI	B.Tech. (Electrical Engineering)	4
8	1959 Batch Award for Excellence in Badminton (Winner)		22323008	ARCHI	BS (Mathematics and Computing)	4

S. No.	Award/Cash Prize	Criteria	Details of Recommended Awardees			
			Enroll. No.	Name	Programme	Year
9	1959 Batch Award for Excellence in Badminton (Runner-up)	For the winners and runner up in the badminton singles event under male and female categories.	25112054	MAYANK SAINI	B.Tech. (Chemical Engineering)	1
10	1959 Batch Award for Excellence in Badminton (Runner-up)		23116072	PANCHAL MANSI DHARMENDRA	B.Tech. (Electronics and Communication Engineering)	3
11	1959 Batch Award for Best Female Player of Volleyball of Rs. 20,000/- and Trophy	For being the best player in Volleyball in the female category.	22115102	NIDHI TOMAR	B.Tech. (Electrical Engineering)	4
12	1959 Batch Award for Best Female Player of Basketball of Rs. 20,000/- and Trophy	For being the best player in Basketball in the female category.	21323003	ABHIJNA RAGHAVENDRA	BS-MS (Mathematics and Computing)	5
13	1968 Batch Donation for Overall Best Athlete (Female) Award of Rs. 20,000/-	For being the best female athlete.	23125012	GOLLA SAHITHI	B.Tech. (Data Science and Artificial Intelligence)	3
14	KCPL Award for Best Player in Football of Rs. 20,000/-	For being the best player of football.	22117039	AYUSH KUMAR YADAV	B.Tech. (Mechanical Engineering)	4
15	KCPL Award for Best Player in Cricket of Rs. 20,000/-	For being the best player of cricket.	22125032	SAJAL SINGH	B.Tech. (Data Science and Artificial Intelligence)	4
16	Sesquicentennial (1997) Batch Silver Jubilee Award for Excellence in Sports of Rs. 25,000/-	For the students of B.Tech./B.Arch., one each male and female, for exceptional achievement in sports. All students of B.Tech./B.Arch. having a minimum CGPA of 7.0. The applicants having the best performance (higher number of medals) in inter IIT sports meet will be given this award in each category. In case of tie, the applicants with the highest CGPA will be given this award.	23118070	SAMUDHRALA RENUKA SREE	B.Tech. (Metallurgical and Materials Engineering)	3
17	Sesquicentennial (1997) Batch Silver Jubilee Award for Excellence in Sports of Rs. 25,000/-		21110003	ABHISHEK KUMAR	B.Arch.	5
18	D K Pradhan - UN Mishra Cash Prize of Rs. 20,000/-	For the female UG student of III-year being the best sportsperson in athletics.	23118070	SAMUDHRALA RENUKA SREE	B.Tech. (Metallurgical and Materials Engineering)	3
19	Ambuj Kumar Trophy for best All - Round Sportsperson of Rs. 25,000/- and Trophy	For the best Male or Female Sportsperson from IIT Roorkee during Inter-IIT annual meet.	22321008	AMAN KUMAR GAUTAM	BS-MS (Chemical Sciences)	4
			21324008	DAS ANUP KUMAR	BS-MS (Physics)	5

S. No.	Award/Cash Prize	Criteria	Details of Recommended Awardees			
			Enroll. No.	Name	Programme	Year
19	Ambuj Kumar Trophy for best All - Round Sportsperson of Rs. 25,000/- and Trophy	For the best Male or Female Sportsperson from IIT Roorkee during Inter-IIT annual meet.	21110003	ABHISHEK KUMAR	B.Arch.	5
			25563008	VEERU SINGH	M.Tech. Dam Safety and Rehabilitation	1
			23112065	MUAN SON LIAN NAULAK	B.Tech. (Chemical Engineering)	3
			25920023	THOTA SIVASAI	Ph.D. Mechanical and Industrial Engineering	1
			23112058	MAYUR ARYA	B.Tech. (Chemical Engineering)	3
			23116086	SAGAR BARUAH	B.Tech. (Electronics and Communication Engineering)	3
			23118005	ADITYA JAIN	B.Tech. (Metallurgical and Materials Engineering)	3
			24565007	GAVEESH NAMA	M.Tech. Artificial Intelligence	2
20	Sardar Karnail Singh Lion Trophy Award of Rs. 50,000/-	For the excellence in sports. It will be awarded to the Lion Trophy winner at IIT Roorkee.	22113114	RACHIT BALIYAN	B.Tech. (Civil Engineering)	4
21 & 22	Sardar Karnail Singh Sports Awards for outdoor & table Games of Rs. 50,000/-	For excellence in outdoor and table games	24113145	YADAV ABHISHEK PRADEEP	B.Tech. (Civil Engineering)	2
			23113038	AYUSH GIRHAY	B.Tech. (Civil Engineering)	3
			23322012	DHEERAJPREET SINGH	BS-MS (Economics)	3
			23115018	ANURAG SAIN	B.Tech. (Electrical Engineering)	3
			23112068	NISHCHAL AGRAWAL	B.Tech. (Chemical Engineering)	3
			22113032	ASHOK NETRA	B.Tech. (Civil Engineering)	4

S. No.	Award/Cash Prize	Criteria	Details of Recommended Awardees			
			Enroll. No.	Name	Programme	Year
21 & 22	Sardar Karnail Singh Sports Awards for outdoor & table Games of Rs. 50,000/-	For excellence in outdoor and table games	22411005	AMRENDRA KUMAR SINGH	Integrated M.Tech. Geophysical Technology	4
			22113063	JAIN GAURAV JITENDRA	B.Tech. (Civil Engineering)	4
			22115157	VAIBHAV KUMAR	B.Tech. (Electrical Engineering)	4
			22411022	KUDUMULA SRI KIRAN	Integrated M.Tech. Geophysical Technology	4
			21912019	LAKHI NARAYAN SAHU	Ph.D. Earth Sciences	5
			22119018	DINESH CHOUDHARY	B.Tech. (Production and Industrial Engineering)	4
			21110004	ADITYA BHANDARI	B.Arch.	5
			21110030	SHASHANK PRAJAPATI	B.Arch.	5
			25582025	MOHD IQBAL	M.Tech. Production and Industrial Systems Engineering	1
			22112105	SRIKANT KUMAR	B.Tech. (Chemical Engineering)	4
			23323035	SAANVI MALIK	BS-MS (Mathematics and Computing)	3
			24116041	ISHIKA TANK	B.Tech. (Electronics and Communication Engineering)	2

S. No.	Award/Cash Prize	Criteria	Details of Recommended Awardees			
			Enroll. No.	Name	Programme	Year
21 & 22	Sardar Karnail Singh Sports Awards for outdoor & table Games of Rs. 50,000/-	For excellence in outdoor and table games	24712019	JYOTI RAUTELA	M.Des. Industrial Design	2
			25113091	NEETU RUNIWAL	B.Tech. (Civil Engineering)	1
			24114036	ESHIKA KATEKHAYE	B.Tech. (Computer Science and Engineering)	2
			25110009	CHITTINENI KAKATHI	B.Arch.	1
			24113087	MONA JAT	B.Tech. (Civil Engineering)	2
			25110021	RAVNEET CHEEMA	B.Arch.	1
			23116093	SONAM	B.Tech. (Electronics and Communication Engineering)	3
			24116020	AVANTIKA GUPTA	B.Tech. (Electronics and Communication Engineering)	2
			21323003	ABHIJNA RAGHAVENDRA	BS-MS (Mathematics and Computing)	5
			22117097	PALAKODETI SUBHAKARI	B.Tech. (Mechanical Engineering)	4
23	Sardar Karnail Singh Sports Awards for Indoor Games of Rs. 25,000/-	For excellence in indoor games, such as Badminton, Table Tennis, Billiards, Squash, etc.	21110003	ABHISHEK KUMAR	B.Arch.	5

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

A. Recommendations of 158th emergent meeting of IAPC.

1. Requests of following students regarding name restoration and continuation of programme: (Item No.: 158.1, 158th emergent IAPC dt: 25.02.2026) (Approved with conditions)

   UG (14n rule)

   a) Mr. Dikshant Kadyan (Enr. No. 22115052), B.Tech. (EE), III Yr
   b) Mr. Om Soyam (Enr. No. 22113103), B.Tech. (CE), IV Yr
   c) Mr. Mukul (Enr. No. 23117085), B.Tech. (ME), III Yr
   d) Mr. Chinthapalli Ponting (Enr. No. 23116029), B.Tech. (EC), III Yr
   e) Mr. Saurabh Kumar Meena (Enr. No. 23113137), B.Tech. (CE), III Yr
   f) Mr. Rahul Gehlot (Enr. No. 23113123), B.Tech. (CE), III Yr
   g) Mr. Bhupendar Lalar (Enr. No. 23113042), B.Tech. (CE), III Yr
   h) Ms. Anshika Singh (Enr. No. 22322007), BS-MS Economics, IV Yr
   i) Mr. Himanshu Kamal (Enr. No. 23113068), B.Tech. (CE), III Yr
   j) Mr. Soumya Ranjan Nayak (Enr. No. 23117151), B.Tech. (ME), III Yr
   k) Mr. Ritesh Kumar (Enr. No. 23117117), B.Tech. (ME), III Yr
   l) Mr. Nitin Saroha (Enr. No. 22115107), B.Tech. (EE), IV Yr
   m) Mr. Hemant Kumar (Enr. No. 23112041), B.Tech. (CH), III Yr

   PG (Less CGPA)

   a) Mr. Abhishek Gaurav (Enr. No. 25576001), M.Tech. (Transportation Systems Management), I Yr
   b) Mr. Bhimashankar Chandrakant Padanoor (Enr. No. 25568004), M.Tech. (Renewable and Hydro Energy), I Yr

c) Mr. Satyam Singh Rawat (Enr. No. 25568013), M.Tech. (Renewable and Hydro Energy), I Yr
d) Mr. Pawan Kumar Moury (Enr. No. 25578007), M.Tech. (Biomanufacturing), I Yr
e) Mr. Deshpande Aditya Rajkumar (Enr. No. 25529001), M.Tech. (Power System Engineering), I Yr
f) Mr. Ajeet Yadav (Enr. No. 25571002), M.Tech. (Drinking Water and Sanitation), I Yr
g) Mr. Sachin Maan (Enr. No. 25570011), M.Tech. (Electric Vehicle Technology), I Yr
h) Mr. Anil Kumar (Enr. No. 24534001), M.Tech. (Microelectronics and VLSI), II Yr
i) Mr. Aswin K P (Enr. No. 25534003), M.Tech. (Microelectronics and VLSI), I Yr
j) Mr. Ronanki Bhanuprasad (Enr. No. 25534012), M.Tech. (Microelectronics and VLSI), I Yr
k) Mr. Kuntala Krishna Kowshik (Enr. No. 25534007), M.Tech. (Microelectronics and VLSI), I Yr
l) Mr. Harsit (Enr. No. 25616014), M.Sc. Mathematics, I Yr
m) Mr. Manjeet Singh (Enr. No. 25579004), M.Tech. CSST, I Yr

B. Requests for Extension to Complete Candidacy Requirements.

S. No.	**Name & En. No.**	**Date of Registration (Dept./ Centre)**	**Qualifying Degree, Earned Credits & CGPA**	**Permissible Till as pr R.4**	**Requested Extension Till**
1	Ms. Preeti Rawat (22906011)	May 15, 2023 (Nanotech.)	M.Sc., 16 +2 cr, 8.556	November 14, 2024	January 31, 2026

C. Requests for Approval of Candidacy Reports Submitted Beyond Permissible Duration.

S. No.	Name & En. No.	Date of Registration (Dept./Centre)	Qualifying Degree, Earned Credits & CGPA	Proposal Submission Date & Delay
1	Ms. Prishail Mishra (22915047)	January 2, 2023 (ECE)	M.Tech., 16+2 cr, 7.556	July 7, 2025 (Delay:12M 6D)
2	Ms. Aarti Puri (22906009)	January 1, 2023 (Nanotech.)	M.Sc., 16+2 cr, 9.778	May 7, 2025 (Delay: 10M 6D)
3	Ms. Ankita Agrwwal (22911012)	January 2, 2023 (CSE)	M.Tech., 12+2 cr, 7.571	February 10, 2025 (Delay: 7M 9D)
4	Mr. Ajay Dwidedi (23910031)	December 26, 2023 (CED)	M.Tech., (IIT Roorkee) with a CGPA of 8.538	January 29, 2026 (Delay: 7M 4D)

The above are reported to the Senate.