

# BACHELOR OF TECHNOLOGY (B. Tech)

REGULATION

# 2025





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# **B.TECH. REGULATION**

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**2025**



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# MUTHOOT INSTITUTE OF TECHNOLOGY AND SCIENCE

## BACHELOR OF TECHNOLOGY (REGULAR) ACADEMIC REGULATIONS, 2025

**Preamble:** In exercise of the powers conferred autonomous status by the provisions of UGC (Conferment of Autonomous Status upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulations, 2023; Bachelor of Technology (Regular) Academic Regulations, 2025.

**1. Short Title** - These Regulations may be called “The Muthoot Institute of Technology and Science Bachelor of Technology (Regular) Academic Regulations, 2025”.

**2. Commencement-** These Regulations shall come into force from the academic year 2025-2026.

**3. Application-** These Regulations shall apply to students admitted from the academic year 2025-2026.

#### **4. Definitions-**

For the purposes of these Regulations: -

- ‘AICTE’ means the All India Council for Technical Education constituted under the All India Council for Technical Education Act, 1987;
- ‘Academic Calendar’ means the official schedule set by the College, detailing the commencement and conclusion of classes, examinations, and events for an academic year;
- ‘Academic Council (AC)’ means the Academic Council of the College constituted in accordance with the provisions of the UGC (Conferment of Autonomous Status upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulations, 2023;
- ‘Academic Year (AY)’ means the academic cycle consisting of an Odd semester, an Even semester, and a Summer semester;
- ‘College’ means Muthoot Institute of Technology and Science;
- ‘Governing Body (GB)’ means the Governing Body of the College constituted in accordance with the provisions of the UGC (Conferment of Autonomous Status upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulations, 2023;
- ‘Board of Studies (BoS)’ means the Board of Studies constituted by the College in accordance with the provisions of the UGC (Conferment of Autonomous Status upon Colleges and Measures for Maintenance of Standards in Autonomous Colleges) Regulations, 2023;
- ‘B.Tech. Degree Programme’ means a programme leading to the award of a Bachelor of Technology Degree by the Parent University (A P J Abdul Kalam Technological University, Thiruvananthapuram);
- ‘Course’ means a theory, project, or practical subject that is normally included in the curriculum for study for a B-Tech programme;
- ‘Continuous Internal Assessment (CIA)’ means Continuous Internal Examination which is assessed for every student for every course during the semester;
- ‘Discipline’ means a specific branch of B. Tech. Programme, such as Mechanical Engineering, Electronics and Communication Engineering, or Civil Engineering. Each discipline encompasses a set of specialized courses designed to provide students with in- depth knowledge and skills relevant

to that particular area of engineering study;

- ‘End Semester Examination (ESE)’ means the End Semester Examination which is conducted by the college at the End of the Semester for all the courses of that semester as per the curriculum of study for the B-Tech programme;
- ‘CGPA’ means Cumulative Grade Point Average;
- ‘SGPA’ means the Semester Grade Point Average;
- ‘Grade Card’ means the certificate issued to each candidate generally containing course code, course title, grade and grade points along with SGPA of that semester;
- ‘Regulations’ means the Muthoot Institute of Technology and Science B.Tech Academic Regulations 2025;
- ‘UGC’ means the University Grants Commission constituted under the University Grants Commission Act 1956;
- ‘University’ means the parent University, A P J Abdul Kalam Technological University; Thiruvananthapuram;

Words and expressions used in these Regulations but not defined herein shall have their respective meanings assigned to them in the Regulations or Act or Statutes.

<b>1. GENERAL</b>	
R1.1	The provisions contained in these regulations shall govern the policies and procedures for the admission and registration of students to B.Tech. programmes in the colleges imparting instruction for course, conduct of the examination, evaluation, certification of student’s performance leading to the award of B.Tech. Degree(s).
R1.2	The College shall have the authority to modify the regulations from time to time with the approval of Academic Council. Principal shall modify the regulations from time to time subject to ratification by the Academic Council.
R1.3	These regulations, and any amendments thereto issued from time to time, shall be binding on all parties concerned, including students, faculty, staff, and the management of college from the academic year 2025-2026 onwards.
R1.4	These regulations shall be applicable to any new B. Tech. programme(s) that may be introduced in future until next regulation.
R1.5	In all matters contained in these Regulations, the decision of the College as recommended by the Academic Council and approved by the Governing Body, shall be final.
<b>2. ADMISSION</b>	
R2.1	Admission policies, eligibility criteria for admissions to the college, and procedures for admission shall be determined by the Government/ Parent University and the appropriate Statutory/ Regulatory authorities.
R2.2	If at any time after admission, it is found that a candidate has not fulfilled any of the requirements stipulated by the University or the statutory body concerned, the Principal may revoke the admission of the candidate and report the matter to the University.
R2.3	<i>Restriction on Branch Change:</i> No student shall be permitted to change the branch of study/ discipline to which they were admitted by the competent authority after the closure of the admission process.
R2.4	A student admitted to a particular college shall continue their studies at that college until the completion of the programme.

<b>3. STRUCTURE OF B. TECH. PROGRAMME</b>											
R3.1	The duration of the B. Tech. Programme shall be 4 years (8 semesters).										
R3.2	There are four options for completing a B. Tech. Programme, as outlined below:										
	<table border="1"> <thead> <tr> <th><i>Options for 4-year B. Tech. Programme</i></th> <th><i>Total Credit required to complete the programme</i></th> </tr> </thead> <tbody> <tr> <td>“B. Tech.” in an Engineering Major Discipline.</td> <td>170 Credits# [167 Academic Credits+ 3 credits from student activities]</td> </tr> <tr> <td>“B. Tech. with Minor” (Minor in any Discipline, other than the Major Discipline)</td> <td>185 Credits [170 Credits (B. Tech.) + 15 Credits for Minor Coursework]</td> </tr> <tr> <td>“B. Tech. with Honours” (Specialization within the Major Discipline).</td> <td>185 Credits [170 Credits (B. Tech.) + 15 Credits for Honours Coursework]</td> </tr> <tr> <td>“B. Tech. with Honours and Minor”</td> <td>200 Credits [170 Credits (B. Tech.) + 15 Credits for Honours Coursework+ 15 Credits for Minor Coursework]</td> </tr> </tbody> </table>	<i>Options for 4-year B. Tech. Programme</i>	<i>Total Credit required to complete the programme</i>	“B. Tech.” in an Engineering Major Discipline.	170 Credits# [167 Academic Credits+ 3 credits from student activities]	“B. Tech. with Minor” (Minor in any Discipline, other than the Major Discipline)	185 Credits [170 Credits (B. Tech.) + 15 Credits for Minor Coursework]	“B. Tech. with Honours” (Specialization within the Major Discipline).	185 Credits [170 Credits (B. Tech.) + 15 Credits for Honours Coursework]	“B. Tech. with Honours and Minor”	200 Credits [170 Credits (B. Tech.) + 15 Credits for Honours Coursework+ 15 Credits for Minor Coursework]
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R3.3	<p>Credit Relaxation Policy:</p> <ol style="list-style-type: none"> <li>I. This policy provides flexibility for students who face challenges in earning a small number of credits, while ensuring that essential components of the B. Tech. programme are completed in full.</li> <li>II. Minimum Credits for Graduation: Students who acquire at least 160 credits (157 academic credits + 3 Mandatory credits from student activities) after the completion of the normal programme duration of eight semesters shall be eligible for the B. Tech. Degree.</li> <li>III. Credit Shortfall Allowance: This policy allows students to graduate even if they are unable to earn credits for courses totaling up to 10 credits.</li> <li>IV. Exclusions from Credit Relaxation: The credit relaxation does not apply to Mathematics courses (minimum 10 credits) Program Core, Seminar, Mini Project, and Project/Internship, all of which are mandatory and must be completed to qualify for graduation.</li> <li>V. Credits earned for Minor will not be considered towards the 160-credit minimum requirement.</li> <li>VI. Impact on CGPA due to unacquired credits: For courses where a student is unable to earn credits under the credit relaxation policy, a grade point of '0' will be assigned. This zero-point value will be factored into the calculation of both the Semester Grade Point Average (SGPA) and the Cumulative Grade Point Average (CGPA), potentially resulting in a reduction of the overall CGPA.</li> </ol> <p>Despite a potential reduction in CGPA due to assigned zero-grade points, students who successfully acquire the minimum 160 credits</p>										

	will be eligible for graduation under this regulation, provided they fulfil all other requirements as outlined in the regulations.
R3.4	<p>Credit Consideration for B. Tech. Degree Award:</p> <ol style="list-style-type: none"> <li>i. Credits for Regular B. Tech. Degree (170 Credits): If a student has acquired the minimum 160 credits as per the credit relaxation policy, the additional credits earned from Honours theory courses, along with the 2 additional credits earned from Level 5 courses, may be considered towards fulfilling the 170-credit requirement for the regular B. Tech. degree.</li> <li>ii. Credits for Minimum Requirement (160 Credits): If a student has not acquired the 160 credits required for the B.Tech. degree as per the credit relaxation policy, the credits earned from Honours theory courses, along with the extra 2 credits from Level 5 courses, will count towards fulfilling the 160 credits (157 academic credits + 3 credits from student activities) requirement for the B.Tech. degree.</li> <li>iii. These additional credits will also be included in the calculation of both the SGPA and the CGPA.</li> <li>iv. Students who benefit from this credit consideration will not be eligible for the award of the B. Tech. degree with Honours.</li> </ol>
R3.5	<p>Academic Year Structure:</p> <p>Semester: Every academic year is structured to include: one Odd semester, one Even semester, and one Summer semester. The Summer semester, typically scheduled during the months of May and June, provides students with the opportunity to engage in internships or pursue additional skill courses to enhance their academic and professional development.</p> <p>Minimum Working Days: Each semester shall have a minimum of 90 working days out of which 65 days shall be instructional days.</p>
R3.6	<p><i>Academic Calendar:</i></p> <p>The dates of major academic activities shall be published in the Academic Calendar. The academic activities in a semester shall normally include the following:</p> <ul style="list-style-type: none"> <li>• Commencement and completion of the semester</li> <li>• Semester enrolment dates</li> <li>• ESE registration dates</li> <li>• Schedule of Internal examinations</li> <li>• Date of publishing of attendance and internal marks</li> <li>• Schedule of End Semester examinations</li> <li>• Dates of Extra/Co-curricular activities.</li> <li>• Submission of Student activity points</li> <li>• Dates of Internal and External academic audit</li> <li>• Internship dates/Vacation dates.</li> </ul>
R3.6	Each branch of the B. Tech. Programme shall have a curriculum and syllabi for its courses, approved by the respective Board of Studies and

	Academic Council, with subsequent reporting to the Governing Body.
R3.7	<p>Curriculum: A curriculum refers to a structured and prescribed list of courses within a programme, organized in a specific format. It outlines the academic pathway for a particular programme and includes courses categorized under various heads, such as Programme Core, Programme Elective, Open Elective etc. This structured approach ensures that students receive a comprehensive education, covering essential courses/subjects while also providing options for specialized study within their chosen field.</p> <p>Course: Course refers to a specific subject, typically identified by its course number and course title, with a defined syllabus. It encompasses Theory courses, Practical courses, Embedded Theory and Lab courses, Project Based Learning courses, Mini Projects, or Major Projects that are normally included in the curriculum. Each course is assigned specific credits and learning outcomes, contributing to the overall academic requirements for the successful completion of the B. Tech. programme.</p>
R3.8	<p>Syllabus: A syllabus is a comprehensive document that outlines the learning objectives, content, and structure of a specific course. It includes essential details such as the course title, course code, course type, and delivery modes — Teaching Hours/Week (L-T-J-P-S). Additionally, it specifies the credits assigned to the course, Continuous Internal Assessment (CIA) Marks, End Semester Examination (ESE) Marks, Examination duration, and prerequisites.</p> <p>The syllabus also provides the Course Objectives, Competency Statement, expected Course Outcomes (CO), CO - Programme Outcome (PO) mapping, prescribed textbooks, reference materials, Table of Specification, assessment patterns, and question paper format (where applicable). This document serves as a guide for both students and instructors, detailing the learning expectations and assessment methods for the course.</p>
R3.9	<p>Curriculum Revision and Updates:</p> <ol style="list-style-type: none"> <li>I. The curriculum for any programme shall typically be updated once in every four years. However, innovative elective courses, open electives, industry-linked electives, and industry-linked minors may be introduced as and when needed.</li> <li>II. The syllabus of any course offered in the curriculum can be modified or updated based on technological changes and emerging requirements. In any case, the modifications to core courses shall not exceed 30%.</li> <li>III. All syllabus revisions shall be made exclusively on the recommendations of the relevant Board of Studies (BoS) and are subject to the approval of the Academic Council, with subsequent reporting to the Governing Body.</li> </ol>
R3.10	Credit System: The academic programmes of the College are based on

	<p>credit system. The curriculum for any branch of the B. Tech. Programme shall comprise a total of 170 credits, which includes 167 academic credits and 3 mandatory student activity-based credits.</p> <p>The general credit allocation pattern is as per the directions of the National Credit Framework (NCrF) by following notional hours of learning. 30 hours of notional learning which include any combination of theory, tutorial, project, practical and self-learning is equal to one credit.</p>																															
R3.11	<p>Credits shall be awarded for all courses listed in the curriculum. Courses in the curriculum are classified into 1, 2, 3, 4 and 5 credit courses based on the chosen content delivery method and the desired depth of the course.</p> <p>The delivery methods include Theory only, Theory with Tutorial, Theory with Lab/Practice, Theory with Project, Lab only and Massive Open Online Courses (MOOC). The L-T-P-J-S notation for each course signifies the allocation of hours for content delivery in terms of Lecture (L), Tutorial (T), Practical (P), Project (J) and Self-Study (S) per week.</p>																															
R3.12	<p>Self-Study Hours (SS): In addition to lecture, tutorial, practical/practice, and project hours, the curriculum includes Self Study Hours. Self-Study Hours refer to the time students are expected to dedicate to independent learning activities outside of scheduled classroom instruction.</p> <p>These activities may include reviewing lecture notes, completing assignments, engaging in further reading, practicing problems, or working on projects without direct guidance from instructors or tutors.</p>																															
R3.13	<p>Each course within the B. Tech. Programme shall be categorized into one of the ten categories as outlined in the table below.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;"><i>Sl. No.</i></th> <th style="text-align: center;"><i>Category</i></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">1</td> <td><i>Humanities and Social Sciences including Management Courses</i></td> </tr> <tr> <td style="text-align: center;">2</td> <td><i>Basic Science courses</i></td> </tr> <tr> <td style="text-align: center;">3</td> <td><i>Engineering Science courses</i></td> </tr> <tr> <td style="text-align: center;">4</td> <td><i>Programme Core Courses</i></td> </tr> <tr> <td style="text-align: center;">5</td> <td><i>Programme Core Courses - Project Based Learning</i></td> </tr> <tr> <td style="text-align: center;">6</td> <td><i>Programme Elective courses relevant to the chosen specialization/branch</i></td> </tr> <tr> <td style="text-align: center;">7</td> <td><i>Open Elective Courses / Industry Linked Elective</i></td> </tr> <tr> <td style="text-align: center;">8</td> <td><i>Mini Project, Design Project, Project Work / Internship and Seminar</i></td> </tr> <tr> <td style="text-align: center;">9</td> <td><i>Health and Wellness</i></td> </tr> <tr> <td style="text-align: center;">10</td> <td><i>Skill Enhancement Courses</i></td> </tr> <tr> <td colspan="2"><b>Total Academic Credits</b></td> <td style="text-align: right;"><b>167</b></td> </tr> <tr> <td colspan="2"><b>Mandatory Student Activities (MSA)</b></td> <td style="text-align: right;"><b>3</b></td> </tr> <tr> <td colspan="2"><b>Total Credits</b></td> <td style="text-align: right;"><b>170</b></td> </tr> </tbody> </table>	<i>Sl. No.</i>	<i>Category</i>	1	<i>Humanities and Social Sciences including Management Courses</i>	2	<i>Basic Science courses</i>	3	<i>Engineering Science courses</i>	4	<i>Programme Core Courses</i>	5	<i>Programme Core Courses - Project Based Learning</i>	6	<i>Programme Elective courses relevant to the chosen specialization/branch</i>	7	<i>Open Elective Courses / Industry Linked Elective</i>	8	<i>Mini Project, Design Project, Project Work / Internship and Seminar</i>	9	<i>Health and Wellness</i>	10	<i>Skill Enhancement Courses</i>	<b>Total Academic Credits</b>		<b>167</b>	<b>Mandatory Student Activities (MSA)</b>		<b>3</b>	<b>Total Credits</b>		<b>170</b>
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R3.14	<p>Programme Core (PC) Courses are courses directly relevant to the</p>																															

	chosen discipline or branch of study. These core courses must be mandatorily taken by the student to fulfil the requirements of the programme and include theory-only courses, embedded theory and lab courses and lab-only courses.
R3.15	Project-Based Learning (PBL) is integrated into the curriculum across various disciplines, with specific courses designed to focus on project-based activities. These projects shall align with the course objectives and learning outcomes. Students are required to undertake project(s) related to the course in consultation with the faculty concerned and complete the project(s) within the semester. The curriculum of each programme includes four project-based courses.
R3.16	A Programme Elective (PE) course in the B.Tech. curriculum refers to a course that students can choose from a prescribed set of electives within their respective discipline or branch of study. Students with a CGPA of 9.0 or above may opt to complete any Programme Elective course from the respective basket in self-study mode through an approved MOOC platform from semester 5 onwards. The student must submit the MOOC completion certificate to the Controller of Examinations. The grade card for the respective semester will be issued only upon submission of the successful completion of the MOOC course. The grade obtained through the MOOC will not be considered for SGPA/CGPA calculation.
R3.17	<p>Levels and Multilevel Courses in B. Tech. Curriculum: A multilevel course is a structured educational approach where course content is divided into sequential levels, each designed to build upon the knowledge and skills acquired in the previous one. This progression ensures a deepening of understanding and expertise in a specific subject or skill set.</p> <p>The concept of multilevel courses is grounded in the philosophy of layered learning, where students are guided through increasingly complex material. This approach solidifies foundational concepts before advancing to more challenging topics, enhancing learning outcomes and preparing students for real-world engineering challenges.</p> <p>As students' progress through these levels, they develop a comprehensive and nuanced understanding of the subject matter, equipping them with the necessary tools to excel in both academic and professional environments.</p>
R3.18	<p>Under the Programme Electives category, courses are offered at both Level 3 and Level 5.</p> <ol style="list-style-type: none"> <li>i. Level 3 Courses: Focus primarily on the lower three levels of Bloom's taxonomy (Remember, Understand, and Apply). These courses carry 3 credits with three hours of classroom instruction per week. Assessment is conducted in the same manner as standard theory courses.</li> </ol>

	<p>ii. Level 5 Courses: Level 5 courses in the B. Tech. curriculum are designed to assess higher-order thinking skills, such as Analyze and Evaluate, in addition to the lower cognitive levels. These courses carry a total of 5 credits, consisting of 3 Programme Elective course credits and 2 additional credits. Each Level 5 course includes three hours / four hours of classroom instruction per week, with students also expected to dedicate an additional three hours / four hours per week to self-study. This self-study time is intended to support the development of higher-order thinking skills required for achieving the Analyze and Evaluate levels.</p> <p>iii. For Level 5 courses, the lower three levels of Bloom's taxonomy are assessed through Continuous Internal Assessment and End Semester Examination, while the higher levels are assessed through the Continuous Internal Assessment component through assessment techniques to assess Higher Order Thinking Skills (HOTS) suitable to the said course.</p>
R3.19	<p>Continuous Internal Assessment (CIA) for Level 5 Courses: Viva Component: A viva component shall be included in the Continuous Internal Assessment for Level 5 courses. The viva will be conducted with a subject expert, who must be the stream committee head or faculty member. The viva shall be conducted during the last week of the semester in which the course is offered. There will be only one internal examination for Level 5 courses, with the internal mark distribution as follows:</p> <ul style="list-style-type: none"> <li>• Attendance: 5 Marks</li> <li>• Internal Examination: 15 Marks</li> <li>• Assessment of Bloom's Taxonomy Levels: <ul style="list-style-type: none"> <li>○ Analyze: 5 Marks</li> <li>○ Evaluate: 5 Marks</li> </ul> </li> <li>• Viva: 10 Marks</li> </ul>
R3.20	Students may choose to enroll in any of the Level 3 or Level 5 courses offered by the Department.
R3.21	If a student elects to take Level 5 courses, the 2 additional bonus credits earned may be considered towards fulfilling the total 15-credit requirement for the award of an Honours Degree.
R3.22	<p>Credit Award for Level 5 Courses: A student registered for a Level 5 course shall be awarded 2 additional credits only if both of the following conditions are met:</p> <ol style="list-style-type: none"> <li>i. The student must achieve a minimum of 80% of the total marks in the CIA component of the course, or a minimum of 70% marks in the viva component alone.</li> <li>ii. The student must secure a minimum grade of 'B' when the ESE and CIA marks are combined.</li> </ol> <p>If either of these conditions is not fulfilled, the student will be awarded</p>

	only 3 credits.
R3.23	A minimum enrolment of 15 students is required to offer a Programme Elective course. However, from semester 5 onwards if a student having CGPA of 9.0 or above can opt for self-study mode as per R3.16. However, this requirement does not apply if the total number of students admitted to the programme is less than 15 or in the case of Level 5 courses.
R3.24	Open Elective Courses (OE) are designed to broaden a student's knowledge beyond their parent discipline. Students are generally not permitted to choose open electives offered by their parent department. However, they may opt for electives offered by other departments, provided they meet any prerequisite conditions. The minimum enrolment required to offer an Open Elective course is 25 students.
R3.25	<p>I. Students are prohibited from registering for Open Elective courses if there is more than a 30% overlap in syllabus content with the courses they are pursuing in their Major, Honours, or Minor programmes.</p> <p>II. Students may select an Open Elective offered by their parent department only if the following conditions are met:</p> <p>a. The course nomenclature must be different from the courses in their Major, or Honours or Minor programmes. There must be at least a 70% difference in syllabus content compared to the courses they are taking in their Major, Honours, or Minor programmes.</p>
R3.26	Industry Linked Electives (ILE) in the B. Tech. curriculum are courses designed to equip students with practical knowledge and skills that align directly with the needs and demands of the industry or the specific field of engineering they are pursuing. These electives shall be developed in collaboration with, or with input from industry experts and organizations, effectively bridging the gap between academic learning and real-world industrial applications. Students may choose from a range of industry-linked electives to tailor their education to their specific interests and career aspirations.
R3.27	Students from all branches are eligible to opt for an Industry Linked Elective (ILE). However, they are not permitted to register for ILE courses if there is more than a 30% overlap in syllabus content with the courses they are taking in their Major, Honours, or Minor programmes.
R3.28	Open Elective /Industry Linked Elective Course Selection Verification: A scrutiny committee, consisting of the Stream Coordinator, Heads of Department, and the Dean (Academics), shall verify that the Open Elective /Industry Linked Elective courses selected by students comply with the guidelines of ILE. The Board of Studies of concerned programme will approve the final list submitted by the scrutiny committee. The list of all courses offered by

	the various programmes will be approved by the Academic Council.
R3.29	<p>Designing and Approval of Industry Linked Electives:</p> <ol style="list-style-type: none"> <li>i. Departments are authorized to design the syllabus for Industry Linked Electives (ILE) in collaboration with industries/ Government agencies / organizations, ensuring that the course content aligns with current industry needs and practices.</li> <li>ii. The Head of department shall submit a comprehensive review report to the Principal at least two months prior to the commencement of semester classes. This report must include the course details, the benefits of offering the course, details of the industry partner(s), the Memorandum of Understanding (MoU), and the syllabus as approved by the Board of Studies.</li> <li>iii. The industry will play a pivotal role in designing the course content.</li> <li>iv. A faculty member assigned to deliver the content for an Industry Linked Elective course must have received appropriate training from the industry partner. The assigned faculty member, in collaboration with the industry partner, will be responsible for ensuring the proper delivery and assessment of the course.</li> <li>v. It is a good practice to engage the subject matter expert from the industry to deliver certain portions of the syllabus.</li> <li>vi. The Principal along with the Dean Academics and the concerned HoD shall review the course content to ensure alignment with industry standards and academic requirements.</li> </ol>
R3.30	<p>Assessment of Industry Linked Electives:</p> <ol style="list-style-type: none"> <li>i. The preparation of assessment plan and its implementation for ILE shall be conducted at the programme level.</li> <li>ii. All documents related to ILE courses and assessment shall be retained at the concerned department for a minimum period of two years following the announcement of examination results.</li> </ol> <p>These documents shall be subject to verification by an auditor during the audit process and must be produced to the Principal upon request.</p>
R3.31	<p>The HoD in collaboration with industry partners / Government agencies / Organizations, shall be responsible for designing the syllabi for Industry Linked Electives.</p> <p>The valuation of answer scripts for ILE courses shall be conducted same as the other elective courses.</p>
R3.32	Students are not permitted to change the PE and OE / ILE courses chosen in a semester after completing the end semester examination registration.
R3.33	<p>Programme Elective (PE) Course Change for Students with FE Status: Students who have been assigned an 'FE' (Failed due to lack of meeting Eligibility criteria) grade in a Programme Elective course are eligible to request a course change if their originally registered elective is no longer offered to the junior batch at the college.</p>

	<p>Options for the Student:</p> <ol style="list-style-type: none"> <li>I. Alternate Elective Course: The student may choose to register for an alternate elective course that is available and offered to the current batch.</li> <li>II. Continuation of Previously Registered Elective: The student may opt to continue with the previously registered elective course, even if it is not offered to the current batch. In such cases, the department shall make the necessary arrangements to enable the student to complete the course.</li> </ol> <p>The Head of Department must secure prior approval from the Dean Academics and the Principal before allowing a change in the elective course.</p>
R3.34	<p>Elective Course Change After the Normal Programme Duration:</p> <p>Students who have not successfully completed an elective course within the normal programme duration of eight semesters shall be permitted to change their elective course. In such cases, students can register for an alternative elective within the same elective basket, provided the department is willing to offer that course.</p> <p>Any change in elective course must be approved by Dean Academics and the Principal.</p>
R3.35	<p>Re-registration for Students Failing a Level 5 Course:</p> <p>Students who have failed a Level 5 course or received an FE grade shall be permitted to cancel the Level 5 course. In such cases, students may register for an alternative Level 3 course listed within the same elective basket, joining the junior batches.</p>
R3.36	<p>Skill Enhancement Courses (SEC) are designed to equip students with additional tools, techniques, and expertise that complement their core engineering curriculum. These courses aim to enhance the overall skill set of students, making them better prepared to meet the evolving demands of the professional world.</p>
R3.37	<p>Programme Core (PC) courses are a mandatory set of courses for all B. Tech. students of the specified programme. These courses are designed to provide strong fundamental knowledge in the specified programme.</p>
R3.38	<p>Programme Elective (PE) courses are elective courses chosen from a basket of offerings in the programme. These courses allow students to explore deep into areas of interest and latest technological advancement in the programme.</p>
R3.39	<p>Humanities and Management category courses offered through various semesters of the B. Tech. curriculum to provide the required knowledge and skills in social science and management for developing their professional competencies.</p>
R3.40	<p>Maximum Credit Registration in a Semester</p> <p>General Credit Limit:</p> <ol style="list-style-type: none"> <li>i. The maximum number of credits a student can register for in a semester is limited to 2 theory courses or 1 theory and 2 lab</li> </ol>

	<p>courses in excess of the total mandatory credits allotted in the curriculum for that semester.</p> <p>ii. Exemption for Scheme Migration Students: There shall be no credit limit for scheme migration students when registering for transitory courses identified by the Board of Studies.</p>
R.41	<p>Course Pre-Requisites: For certain courses, students are required to have prior knowledge or expertise. To register for these courses, students may need to have studied specific courses or earned credits in relevant courses. In such instances, the Board of Studies shall clearly outline and specify these course pre-requisites in the curriculum and syllabus to ensure that students are adequately prepared for advanced learning.</p>
R3.42	<p>For Project-Based Learning courses, one / two project hours per week is included in the curriculum. For the assessment and evaluation of projects, faculty members shall be assigned in a ratio of one faculty member for every twenty-five students.</p>
R3.43	<p>The medium of instruction shall be English. All examinations, project / seminar reports and presentations shall be in English.</p>
<b>4. MAXIMUM DURATION FOR COMPLETION OF B. TECH. PROGRAMME</b>	
R4.1	<p>Additional Grace Period:</p> <p>i. If a student has backlog courses remaining after the normal course duration of four years, the student will be permitted an additional grace period of two years to complete all courses and credit requirements specified in the curriculum.</p> <p>ii. Automatic Cancellation: After this period, the student's registration will be automatically cancelled unless an extension is granted by the College. No separate intimation regarding this cancellation will be sent to the student.</p> <p>iii. At the end of the programme duration permitted by the College, students will no longer be able to register for courses or examinations. However, they may still apply for certificates, result reevaluation, cancellation/migration, and engage in other portal activities permitted by the College.</p>
<b>5. ACADEMIC MENTORING AND STUDENT SUPPORT</b>	
R5.1	<p>Advisory System: Faculty Advisors (FAs).</p> <p>i. Each class shall be assigned with FAs to provide focused guidance to students.</p> <p>ii. Each FA shall be responsible for overseeing the academic progress, well-being, and guidance of 25 to 35 students within their assigned class.</p> <p>iii. If there are insufficient faculty members to serve as Faculty Advisors (FAs), faculty from Science or Humanities disciplines may also be considered for these positions to ensure adequate support and guidance for students.</p>

	iv. Regular communication with the parents of students regarding progress in academic matters and other general issues shall be the responsibility of the FA.
R5.2	The documents concerning all curricular and co-curricular matters of students under an advisory group shall be maintained under the custody of the FA.
R5.3	Communication Protocol for Student and Parent Requests: <ul style="list-style-type: none"> <li>i. Students and parents are required to seek advice, clarifications, and permissions regarding academic matters from their FA.</li> <li>ii. All requests or applications from individual students or parents to college or university administrators must first be reviewed and recommended by their FA.</li> </ul>
R5.4	Course Faculty: Major Responsibilities: <ul style="list-style-type: none"> <li>i. Compliance with Regulations: The course faculty shall adhere to all regulations and syllabus requirements related to the teaching of the course and the evaluation of students.</li> <li>ii. Record Maintenance: The course faculty is responsible for maintaining all relevant records for the course, including answer books, attendance, and other essential documents of the students enrolled in the course.</li> <li>iii. Conduct of Classes: The faculty shall conduct classes according to the Academic Calendar and the teaching / learning timetable issued by the Head of Department.</li> <li>iv. Course and Evaluation Plan Distribution: The course faculty shall provide a course plan and evaluation plan, including course objectives and background materials, to all students within the first week of the semester.</li> <li>v. Evaluation Plan Preparation: The faculty shall develop a detailed evaluation plan that outlines how students' performance will be assessed throughout the course.</li> <li>vi. Documentation and Communication of Performance: The course faculty is responsible for documenting student performance and ensuring timely communication of results to students, including posting results on notice boards as stipulated by the regulations.</li> <li>vii. Reporting to HOD: The faculty shall report monthly to the HOD on cases of poor academic performance or low attendance, which may result in a 'FE' grade at the end of the semester.</li> </ul>
R5.5	Class Committee and Class PTA Meetings <ul style="list-style-type: none"> <li>i. Class Committee Formation: <ul style="list-style-type: none"> <li>a. For every class, a class committee shall be constituted by the Head of department, as given below: Chairperson: Faculty Advisor nominated by the HoD Faculty Members- A senior faculty member from another department who is generally not teaching that particular class,</li> </ul> </li> </ul>

	<p>along with the Faculty Advisors. Student members: A minimum of eight student representative from all genders.</p> <p>ii. Class Committee Meetings: The class committee shall convene at least twice during the semester to:</p> <ul style="list-style-type: none"> <li>• Interact and express opinions and suggestions to improve the effectiveness of the teaching-learning process.</li> <li>• Analyze the performance of the students in assessments and discuss ways to address any problems.</li> <li>• Discuss other problems faced by the students in classrooms, laboratories, and within the college.</li> </ul> <p>The first meeting shall be held within two weeks from the date of commencement of the semester. The second meeting shall be held after the announcement of first internal examination results.</p> <p>iii. Class PTA Meetings:</p> <ol style="list-style-type: none"> <li>a. Each class shall conduct a Parent-Teacher Association (PTA) meeting at least once per semester. In situations where, physical meetings are not possible, class PTA meetings may also be conducted in online mode.</li> <li>b. The PTA meeting should be scheduled after the first internal examination results are announced, allowing for a comprehensive discussion of students' academic progress, attendance and addressing any academic or non-academic issues faced by students.</li> </ol> <p>The meeting shall include the following participants: HOD, FAs and Faculty Members Parents/Guardians of the students</p> <p>Any actionable items or concerns raised during the PTA meeting should be addressed promptly by the concerned faculty, HoD, or college administration.</p>
R5.6	<p>Internal Marks and Attendance Display:</p> <ul style="list-style-type: none"> <li>○ Internal marks, course-wise attendance percentages, and activity points shall be forwarded to the Controller of Examinations portal only after communicating with the students.</li> <li>○ Any concerns raised by students regarding internal marks, attendance, or activity points shall be addressed by the respective HoD.</li> </ul> <p>Minutes and Action Taken Reports:</p> <ul style="list-style-type: none"> <li>○ The FAs shall maintain minutes and action taken reports for all meetings.</li> <li>○ These records must be approved by the HoD and be made available to academic auditors and the Principal upon request.</li> </ul>
R5.7	Maintenance of Student Records:

	<p>i. The FA shall maintain a hard copy of the consolidated statement of attendance, internal marks, and activity points for the students in their advisory group.</p> <p>ii. These documents must be kept with the Head of Department (HoD) at all times to ensure they are readily available for any inspections.</p>
R5.8	<p>The Head of Department shall inform and forward all regulations, amendments, guidelines, academic Calendars, circulars, announcements, etc., issued by the Principal regarding student academic and other matters to the faculty / staff members for their information and timely action.</p> <p>The FA shall ensure that all relevant information is communicated to the students to facilitate the timely completion of all academic activities as per the schedule published by the college.</p>
<b>6. ATTENDANCE</b>	
R6.1	<p>i. Students are expected to attain 100% attendance for all courses. However, under unavoidable circumstances, they are permitted to take leave, provided that the total leave of absence does not exceed 25% of the academic contact hours for a course.</p> <p>ii. A minimum of 75% attendance is mandatory to be eligible to appear for the end semester examination.</p> <p>iii. Menstrual Leave Attendance Relaxation: A 2% relaxation in attendance shall be granted to eligible students as menstrual leave.</p> <p>iv. PWD Attendance Relaxation: A 5% relaxation in attendance shall be granted to students with disabilities (PWD).</p> <p>v. The students shall be informed about their attendance status periodically by the departments so that the students shall be cautioned to make up the shortage.</p>
R6.2	<p>Attendance Requirement Relaxation:</p> <ul style="list-style-type: none"> <li>• Eligibility for Relaxation: In exceptional cases, such as medical reasons or personal emergencies, the Principal may grant permission for condonation of attendance for students if their attendance is less than 75% but greater than or equal to 60%.</li> <li>• This relaxation applies to one or more courses registered in the semester. The Principal shall keep all records leading to this decision on attendance for verification by Academic Auditors.</li> <li>• This provision is applicable only for any two semesters during the normal programme duration.</li> </ul> <p>Attendance Condonation Fee: Students shall pay a fee, as fixed by the College, for each course to avail the attendance condonation option.</p>
R6.3	<p>Attendance Relaxation (Duty Leave) for Participation in Official Events:</p> <p>i. Principal is authorized to grant attendance relaxation (duty leave) to students representing the College and Zone in officially sponsored</p>

	<p>competitions, events, championships, or tournaments.</p> <p>ii. Maximum Allowable Relaxation: Attendance relaxation is allowed up to a maximum of 10% for eligible students.</p> <p>iii. Students participating in Intercollege events must produce participation certificates countersigned by the Officer in charge of the event.</p> <p>iv. If a student represents the Zone, they must produce participation certificates from the university officials to claim duty leave. For sports activities, this certificate should be countersigned by the University Event Coordinator or the Director of Physical Education. For other extracurricular activities, the certificate should be countersigned by the Officer in charge of the event at the University.</p> <p>v. Submission Process for Participation Certificates: All participation certificates should be forwarded with recommendations from the Faculty Advisor to the Head of the Department for approval. The participation certificates must be submitted within Five days of the event, and late applications will not be considered under any circumstances.</p> <p>vi. Requests for relaxation of attendance will be considered only at the end of the semester.</p>
R6.4	<p>Attendance Relaxation for Organizing Extra/Co-Curricular Activities:</p> <p>i. The Principal is authorized to grant attendance relaxation (duty leave) to the Student Council /University Union members / Event Coordinators for organizing extra/co-curricular activities, up to a maximum of 10%.</p> <p>ii. The Principal is authorized to grant attendance relaxation (duty leave) to the executive committee members of various college events / clubs / professional bodies for organizing extra/co-curricular activities, up to a maximum of 5%.</p> <p>iii. For university-level events, students must produce the required documents countersigned by the Director of Physical Education of the University or the Officer in charge of the event at the University.</p> <p>iv. For college-level activities, the documents should be countersigned by the Dean Student Affairs.</p> <p>v. Submission Process for Participation Certificates: All participation certificates should be forwarded to the Head of Department with recommendations from the Faculty Advisor for approval.</p> <p>vi. The participation certificates/documents must be submitted within Five days of the event, and late applications will not be considered under any circumstances.</p> <p>vii. Requests for relaxation of attendance will be considered only at the end of the semester.</p>
R6.5	While representing the University or State or Country with prior

	<p>approval, shall be considered as special leave.</p> <ul style="list-style-type: none"> <li>• Special Leave for Participation in Inter University Tournaments/ National and International Events: <ul style="list-style-type: none"> <li>○ Special Leave Eligibility: The days of participation in Inter-University tournaments or representing the University, State, or Country in officially sponsored competitions, championships, or events shall be considered as special leave for the students involved.</li> <li>○ Prior Permission: Students must obtain prior permission from the Principal and University Events Coordinator, before participating in the Inter University tournaments/events.</li> </ul> </li> <li>▪ Minimum Attendance Requirement: Special leave will only be sanctioned if the student has a minimum of 50% course-wise attendance for that semester. <ul style="list-style-type: none"> <li>○ Certificate Submission: After the event, students must submit participation certificates, duly signed by the University Events Coordinator, within ten days of the event. Special leave requests without prior permission, participation certificate or late submissions will not be considered under any circumstances.</li> </ul> </li> <li>• Record Keeping: <ul style="list-style-type: none"> <li>○ The Head of Department shall maintain all records related to the sanction of special leaves, including participation certificates, for verification by Academic Auditors.</li> </ul> </li> </ul>
<b>7. ASSESSMENT</b>	
R7.1	<p>End Semester Examinations (ESE):</p> <ol style="list-style-type: none"> <li>i. Examination Schedule: ESE shall be conducted every semester for courses as prescribed under the respective curriculum and syllabus.</li> <li>ii. Class Completion Requirement: Semester classes must be completed at least Seven (7) days before the commencement of the End Semester written examinations.</li> <li>iii. The valuation for the End Semester Examinations will be carried out using digital evaluation model.</li> <li>iv. Each paper will be evaluated by two examiners. The average of the two evaluation will be taken as the final mark.</li> <li>v. If the difference between the two marks is greater than or equal to 15% of the maximum mark, then the paper will be evaluated by a third evaluator. The final mark will be the average of the nearest of the 2 marks considering all the three evaluations. If the difference between the three marks are same then the average of the highest two will be considered for the final mark providing advantage to the student.</li> <li>vi. There will not be revaluation as every paper is evaluated by two or more examiners. However, every student has an option to</li> </ol>

	apply for review their answer script upon on request and recommendation.
R7.2	<p>End Semester Examinations shall be conducted twice a year in accordance with the examination calendar published by the College.</p> <ol style="list-style-type: none"> <li>i. Syllabus Modification for Supplementary Examinations: If the syllabus of a course has been modified as per regulation, students who are attending supplementary examinations will be allowed to take the exam under the original syllabus for up to two supplementary examination attempts.</li> <li>ii. Transition to Modified Syllabus: After the second supplementary attempt, students who have not passed the course must take the examination based on the modified syllabus. No further examinations under the original syllabus will be permitted.</li> </ol>
R7.3	Candidates in each semester shall be evaluated both by Continuous Internal Assessment (CIA) and End Semester Examinations (ESE). The assessment pattern for each course will be mentioned in the curriculum as well as in the syllabus.
R7.4	The evaluation scheme for all course category like theory courses, theory and lab-embedded courses, lab courses, seminars, mini projects, projects, and mandatory courses shall be clearly outlined and published in the syllabus of each programme.
R7.5	<p>Internal Written Examinations:</p> <ul style="list-style-type: none"> <li>• The internal written examinations shall be conducted as specified in the syllabus of each course.</li> <li>• The duration of the written examination of theory courses shall be 90minutes and it shall carry a total of 40 marks.</li> <li>• The duration of the written examination of Project Based Learning Courses and Humanities and Management courses shall be 90minutes and it shall carry a total of 50 marks.</li> <li>• If there are two written examinations, each test shall cover 50% of the syllabus.</li> <li>• Minimum Attendance requirement for Internal examinations: First &amp; Second Internal Examination – 75% of attendance for each course considering attendance till 5 days before the start of examination.</li> <li>• Retests: Retests are permitted for students with valid reasons. They should be conducted immediately after the completion of the second internal examination. The portion for the retest will cover 3 modules of the course.</li> </ul> <p>CIA Marks for Attendance</p> <ul style="list-style-type: none"> <li>○ Full Marks for High Attendance: Full CIA marks for attendance shall be awarded if a candidate has secured 90% attendance or above in the course.</li> <li>○ Proportional Reduction for Lower Attendance: If a student has attendance below 85% in a course, a proportional reduction in</li> </ul>

	<p>the attendance marks shall be applied as follows:</p> <ul style="list-style-type: none"> <li>○ Above 80% but less than 85% Attendance: 4 Marks</li> <li>○ Above 75% but less than 80% Attendance: 3 Marks</li> <li>○ Above 70% but less than 75% Attendance: 2 Marks</li> <li>○ Above 60% but less than 70% Attendance: 1 Marks</li> <li>○ Below 60% Attendance: 0 Marks</li> <li>○ Duty leave / special leave shall be considered when awarding internal marks for attendance.</li> </ul>
R7.6	<p>Self-Study Option for students undergoing Internship (Semester 7 or 8):</p> <ol style="list-style-type: none"> <li>i. Students undertaking internships in Semester 7 or 8 may opt for a self-study instead of attending regular classes.</li> <li>ii. The evaluation for self-study courses will be conducted in a similar manner as for regular theory courses.</li> <li>iii. The attendance percentage accrued during the internship period will be considered equivalent to class attendance for all courses.</li> <li>iv. All other academic requirements detailed in the course syllabi, such as assignments, micro-projects, and internal examinations, must be completed by these students as per the instructions provided by the course faculty and the Head of Department.</li> <li>v. The registration, examination etc. will be as per the Academic / Examination calendar.</li> <li>vi. Students doing internships at a location different from their college may deliver their Semester 7 seminar in an online mode. The seminar will be evaluated using the same criteria as in-person seminars.</li> </ol>
R7.7	<p>Submission and Resolution of Complaints Regarding Continuous Internal Assessment Marks:</p> <p>The CIA marks obtained by students for all courses in a semester shall be published at least 5 days before the commencement of the End Semester Written Examinations.</p> <ol style="list-style-type: none"> <li>i. Submission of Complaints: Any grievances or concerns regarding the published CIA marks must be submitted by the students individually to the faculty handling the course, as well as to the Faculty Advisor, within two days of the publication of marks.</li> <li>ii. Resolution Process: The Head of Department, Dean (Academics), and Principal shall ensure that genuine complaints are promptly addressed and resolved.</li> </ol>
R7.8	<p>Students registered for a course shall attend the course regularly, complete the Continuous Internal Assessment, and, if eligible, appear for the End Semester Examinations.</p>
R7.9	<p>To be eligible to attend the End Semester Examination for a course, students must fulfil the following criteria:</p> <ol style="list-style-type: none"> <li>i. Attendance: A minimum attendance of <b>75%</b> is required for each course. However, the following relaxations are applicable:</li> </ol>

	<p>a. A 2% relaxation in attendance shall be granted to students eligible for menstrual leave, reducing the required attendance percentage to <b>73%</b> for each course.</p> <p>b. Students with disabilities (PWD) shall be granted a 5% relaxation in attendance, lowering the minimum required attendance to <b>70%</b> for each course.</p> <p>ii. Disciplinary Status: Students must not have any pending disciplinary actions.</p>
R7.10	Students are expected to uphold disciplined and respectful behaviour at all times, both on and off campus. It is imperative that students avoid any actions or activities that could harm or diminish the reputation and prestige of the College or parent University.
R7.11	Students who fail to meet the minimum attendance eligibility requirement in a course shall be awarded an "FE" (Failed due to lack of meeting Eligibility criteria) grade and will be ineligible to appear for the ESE for that course.
R7.12	Registration for Courses with "FE" Grade: Students awarded an "FE" grade must register for the courses during the semesters in which the courses are normally offered. However, students may register for "FE" courses from any semester, provided those courses are offered by the department.
R7.13	<p>Registration for Trailing "FE" Courses: A trailing student is defined as one who has completed the academic programme of the normal eight-semester duration but still has pending backlogs. Backlog subjects refer to courses from previous semesters in which the student has received an 'F' or 'FE' grade. These students must retake exams or complete assessments to fulfil degree requirements.</p> <p>i. Students with trailing "FE" (Failed due to lack of meeting eligibility criteria) grades are eligible to re-register for these courses to clear their backlogs.</p> <p>ii. Credit Limit Exemption: Trailing students may register for "FE" courses from any semester without being subject to the credit limit specified in R 3.42, provided the courses are offered by the college during the registration period.</p>
R7.14	Syllabus Change (FE Students Re-registering a Course): If there is any change in the syllabus as per regulation, FE students who are re-registering for the course must undergo the new syllabus currently being offered.
R7.15	<p>Pass Criteria for Courses:</p> <p>i. The pass minimum for a course shall be 40% in the End Semester Examination (ESE) and 50% in the combined score of Continuous Internal Assessment (CIA) and End Semester Examination (ESE).</p> <p>ii. Failing Grade: A letter grade 'F' will be awarded to a student if the overall mark (CIA + ESE) is below 50%.</p>

	Courses Assessed Solely through CIA: For courses that are assessed solely through CIA, the pass minimum shall be 50%.		
R7.16	Awarding of FE Grade for CIA-Only Courses: Students who do not achieve a passing grade or minimum attendance eligibility in CIE- only courses shall be awarded an "FE" grade instead of an "F" grade.		
R7.17	<p>i. Students who receive an 'F' grade in an End Semester Examination must appear for the End Semester Examination at the next available opportunities to earn the credits.</p> <p>ii. They shall not be permitted to re-register for the same course.</p>		
R7.18	<p><i>Grading and Grade Card Information:</i></p> <p>Letter Grades: At the end of each semester, a student will receive a 'Letter Grade' for every course they have registered for during that semester. These letter grades will reflect the student's performance in each course.</p> <p>i. Grading Criteria: Grading shall be based on the percentage of marks obtained by the student in a course, as outlined in section R 7.19.</p> <p>Semester Grade Card: The semester grade card will include the grade for each course, along with the Semester Grade Point Average (SGPA) for that semester.</p>		
R7.19	Grade and Grade Points		
	<i>Grades</i>	<i>Grade Point (GP)</i>	<i>% of Total Marks Obtained in the Course</i>
	S	10	90% and above
	A <sup>+</sup>	9.0	85% and above but less than 90%
	A	8.5	80% and above but less than 85%
	B <sup>+</sup>	8.0	75% and above but less than 80%
	B	7.5	70% and above but less than 75%
	C <sup>+</sup>	7.0	65% and above but less than 70%
	C	6.5	60% and above but less than 65%
	D	6.0	55% and above but less than 60%
	P (Pass)	5.5	50% and above but less than 55%
	F (Fail)	0	Below 50% overall (CIA + ESE) Or Below 40 % for ESE or Absent for Honours / Minor ESE
	FE	0	Failed due to lack of meeting Eligibility criteria Or Failed in CIA only courses.
	Ab (Absent)	0	Assigned to a student who deferred the regular ESE or was absent, but still meets the eligibility criteria.
	Classification of B. Tech. Degree	First Class with Distinction	CGPA 8.0 and above
		First Class	CGPA $\geq$ 6.5 < 8.0
	<i>Equivalent Percentage Mark shall be = 10 * CGPA</i>		

R7.20	<p>Successful Course Completion and Credit Earned:</p> <ol style="list-style-type: none"> <li>i. Passing Grades: A student will be considered to have successfully completed or passed a course if any of the following grades are earned - S, A+, A, B+, B, C+, C, D, or P.</li> <li>ii. Credit Earned: The credits for the courses in which a student has obtained a 'P' (minimum passing grade for a course) grade or higher shall be counted as credits earned by the student.</li> </ol>
R7.21	<p>Semester Grade Cards and Consolidated Grade Card (CGC):</p> <ol style="list-style-type: none"> <li>i. A Grade Card shall be issued to each eligible student at the end of each semester, and a CGC will be issued after the successful completion of the programme.</li> <li>ii. Grade cards for registered courses will be issued to the student after 4 weeks of the publication of the result.</li> <li>iii. The grade card shall reflect the course name, course code, grades, and credits acquired by the student for each registered course. Additionally, the grade card will indicate the month and year of examination for each course, as well as the Semester Grade Point Average (SGPA) for that semester along with medium of instruction and regulation of study.</li> <li>iv. The Cumulative Grade Point Average (CGPA) will be included in the semester grade card only if the student has cleared all courses and has no backlogs at the time of the declaration of that semester's results.</li> <li>v. The 'F', 'FE', and 'Ab' grades obtained by a student will be removed from the grade card once the course is successfully completed.</li> <li>vi. Upon earning the required credits for the degree, the college shall issue a final Consolidated Grade Card for the B.Tech. programme.</li> <li>vii. The CGC will include the Cumulative Grade Point Average and reflect the overall performance of the student in all semesters since joining the programme. Additionally, the month and year of programme completion will also be included in the CGC.</li> <li>viii. The CGC shall be issued to students upon request and payment of the prescribed fee.</li> </ol>
R7.22	<p>The CGPA displayed on the certificate will be the most up-to-date value as of the date of issuance.</p> <p>CGPA Calculation Statement:</p> <ul style="list-style-type: none"> <li>o A CGPA Calculation Statement will be provided upon formal request by the student. This statement offers a detailed breakdown of the student's Cumulative Grade Point Average (CGPA) calculation.</li> </ul> <p>Fee Payment:</p> <ul style="list-style-type: none"> <li>o To obtain either the CGPA Certificate or CGPA Calculation Statement, the student must pay the prescribed fee, as determined by the college.</li> </ul>

R7.23	<p>Official Transcripts (OT):</p> <ol style="list-style-type: none"> <li>i. Official transcripts shall be issued to students both before and after the completion of the programme upon request and payment of the prescribed fee.</li> <li>ii. Upon successful completion of the programme, the Official Transcript issued to the student shall include all the information contained in the individual grade cards for each semester, along with the month and year of passing and the Cumulative Grade Point Average (CGPA).</li> <li>iii. The Official Transcript issued before eighth semester will include the grade card information for all semesters that the student has successfully completed up to the date of issuance.</li> </ol>
R7.24	<p>Inclusion of Honours and Minor Credits in Consolidated Grade Card / Official Transcripts:</p> <ol style="list-style-type: none"> <li>i. The CGC and OT shall separately include the credits earned for Honours and Minor programmes, where applicable, highlighting the student's additional achievements beyond the core curriculum.</li> <li>ii. If a student has not acquired eligibility for the award of the Honours or Minor degree, the credits earned for these courses will be reflected as “Additional Credits earned” by the candidate on the CGC and OT.</li> </ol>
R7.25	<p>Examination Grade Sheet for Honours/Minor Programmes:</p> <p>The Examination Grade Sheet is an official document that allows students to view the result status of the Honours or Minor courses they have registered for in a given semester.</p> <ol style="list-style-type: none"> <li>i. Separate Grade Sheets: Separate examination grade sheets for Honours and Minor courses will be accessible through the student's login, providing a clear overview of their performance in each category.</li> <li>ii. Content of the Grade Sheet: For Minor and Honours programmes, the title of each successfully completed course, along with the corresponding number of credits and grades (if applicable) earned by the student in that particular semester, will be included in the Examination Grade Sheet.</li> </ol>
R7.26	<p>Position Certificate for Top 1% Students:</p> <p>The college shall issue a Position Certificate to the top 1% of students in each discipline or branch of study, based on their academic performance across all semesters. The ranking shall be determined by the student's Cumulative Grade Point Average (CGPA) at the end of the programme.</p> <p>Eligibility Criteria:</p> <ol style="list-style-type: none"> <li>i. Students with any history of 'F', 'FE', or 'Ab' grades are not eligible for the Position Certificate.</li> <li>ii. Only students who have completed their degree requirements within the normal programme duration are eligible.</li> </ol>

	<p>iii. The certificate will be issued only after three months from the announcement of the Semester 8 results.</p> <p>iv. The ranking will be based on the CGPA as of the date of the official publishing of the position ranking. No re-ranking will be entertained after the issuance of the certificate.</p> <p>v. Any disciplinary action during the course of the programme will disqualify a student from receiving the position certificate.</p> <p>The college reserves the right to amend the policy or criteria for issuing position certificates, subject to changes in academic regulations or other governing factors.</p>																																				
R7.27	Grade Improvement: Students are not permitted to improve the grades of a passed or successfully completed courses.																																				
R7.28	<p>Minimum Cumulative Credit Requirements for Registering to Higher Semesters: Students must meet the following minimum cumulative credit requirements to be eligible for registration in higher semesters.</p> <table border="1"> <thead> <tr> <th>Semester</th> <th>Total Credits Allocated in the Curriculum</th> <th>Cumulative Credits</th> <th>Minimum Cumulative Credits required for B. Tech. Students</th> </tr> </thead> <tbody> <tr> <td>First</td> <td>20</td> <td>20</td> <td>Not Applicable</td> </tr> <tr> <td>Second</td> <td>24</td> <td>44</td> <td>Not Insisted</td> </tr> <tr> <td>Third</td> <td>25</td> <td>69</td> <td>Not Insisted</td> </tr> <tr> <td>Fourth</td> <td>24</td> <td>93</td> <td>Not Insisted</td> </tr> <tr> <td>Fifth</td> <td>23</td> <td>116</td> <td>18 Credits from S1&amp; S2</td> </tr> <tr> <td>Sixth</td> <td>23</td> <td>139</td> <td>Not Insisted</td> </tr> <tr> <td>Seventh</td> <td>17</td> <td>156</td> <td>37 Credits from S1 to S4</td> </tr> <tr> <td>Eight</td> <td>11</td> <td>167</td> <td>Not Insisted</td> </tr> </tbody> </table>	Semester	Total Credits Allocated in the Curriculum	Cumulative Credits	Minimum Cumulative Credits required for B. Tech. Students	First	20	20	Not Applicable	Second	24	44	Not Insisted	Third	25	69	Not Insisted	Fourth	24	93	Not Insisted	Fifth	23	116	18 Credits from S1& S2	Sixth	23	139	Not Insisted	Seventh	17	156	37 Credits from S1 to S4	Eight	11	167	Not Insisted
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R7.29	<p>Mandatory Course and Examination Registration:</p> <p>i. All students are required to register for the prescribed credits in each regular semester unless they are on authorized leave from the college.</p> <p>ii. Course Registration and Exam Registration, as per the prescribed dates announced in the Academic Calendar, are mandatory for every student.</p> <p>iii. A student who fails to complete both Course Registration and Exam Registration for all the courses listed in the curriculum for a given semester will not be eligible to enroll in the next higher semester.</p>																																				
R7.30	<p>Minimum Attendance Requirement for Semester Advancement:</p> <p>i. Students will not be permitted to register for the next higher semester if they do not achieve at least 40% average attendance in the current semester.</p> <p>ii. There shall not be any restriction for promotion from an odd semester to the next even semester, provided the student has fulfilled the minimum attendance requirement.</p>																																				
R7.31	All matters pertaining to the conduct of End Semester																																				

	Examinations (ESE), declaration of results, revaluation, scrutiny, review, handling of malpractices, and related procedures shall be managed in strict accordance with the College Examination Manual approved by the Academic Council.
R7.32	<p>CCTV Surveillance for End Semester Examinations:</p> <ol style="list-style-type: none"> <li>i. All End Semester Examinations (ESE) shall be conducted under CCTV camera surveillance to maintain the integrity and security of the examination process.</li> <li>ii. The Principal is responsible for ensuring that all video recordings and footages are securely stored at the college for the minimum period specified in the College Examination Manual. These recordings must be readily available for review by authorized personnel if required.</li> </ol>
<b>8. FAST-TRACK CREDIT SYSTEM (CREDIT BY EXAMINATION)</b>	
<p>The Fast-Track Credit Accomplishment, also referred to as “Credit by Examination Courses,” is an integral feature of the B. Tech. 2025 Curriculum. It provides students with the opportunity to earn credits at an accelerated pace by demonstrating proficiency and competency in specific courses without undergoing the conventional Continuous Internal Assessment (CIA) process. This system aligns with the principles of Recognition of Prior Learning (RPL) or Prior Learning Assessment and Recognition (PLAR), which formally recognize the knowledge, skills, and competencies students have gained through prior academic learning, self-directed study, professional experience, or other informal means.</p>	
R8.1	<p><b>Eligible Courses</b> The courses eligible for Fast-Track Credit Examinations shall be explicitly specified in the curriculum approved by the Academic Council. Students may opt to attempt the courses listed in higher semesters during a lower semester, in accordance with the guidelines and course mapping table provided in the curriculum.</p>
R8.2	<p><b>Registration Limit</b> Students shall be permitted to register for Examinations under the Fast-Track Credit Accomplishment, for a maximum of 20 credits during the entire duration of the B. Tech. programme.</p>
R8.3	<p><b>GPA Requirement</b> Students must have a minimum CGPA of 7.0 and no standing supplementary examinations to be eligible for registration under the Fast-Track Credit Accomplishment.</p>
R8.4	<p><b>Examination Registration and Schedule for Examination</b> The College shall publish the examination registration dates and the examination schedule for fast-track courses in each semester. These details shall be communicated well in advance to ensure that students have adequate time to complete registration and prepare for the examinations.</p>
R8.5	<p><b>Exemption from Continuous Internal Assessment</b> Students registered for Examination shall be exempted from the Continuous Internal Assessment (CIA) component and will be assessed</p>

	<p>solely based on their performance in the End Semester Examination (ESE).</p> <p>Grades shall be awarded entirely on the basis of the percentage of marks obtained in the ESE; however, no grade points shall be assigned for these courses.</p>
R8.6	<p><b>Eligibility Condition to Pass a Challenge Course</b></p> <p>A student opting to attempt a Fast-track Course in a lower semester shall register for and appear in the End Semester Examination (ESE) conducted by the college for that course.</p> <p>To be declared as having passed and to earn the credits specified for the course, the student must secure a minimum grade of 'C' in the End Semester Examination.</p>
R8.7	<p><b>Attendance Requirement</b></p> <p>If the results of the Fast-track Examinations are not published by the college before the commencement of classes for the corresponding course in a higher semester, students are required to attend the regular classes for that course.</p> <p>Upon publication of results, if the student passes the Fast-track Examination, they will be exempted from further attendance and participation in the regular course sessions.</p>
R8.8	<p><b>Failure and Re-Take Policy</b></p> <p><b>No Reattempt for the Same Course:</b> Students who fail to secure the minimum passing grade or are absent for the scheduled Fast-track Examination shall not be permitted to re-take the Fast-track Examination for the same course.</p> <p><b>Eligibility for Remaining Fast-track Courses:</b> Such students may, however, register for other eligible Fast-track courses listed in the Fast-track Course Table, provided they have not exceeded the maximum limit of 20 credits allowed under the Fast-Track Credit Accomplishment.</p>
R8.9	<p><b>Course and Exam Registration After Failing Challenge Examinations</b></p> <p>Students who fail to pass the Fast-track Examination for a course shall be permitted to register for the same course in subsequent regular semesters along with other students, and shall undergo the full process of Continuous Internal Assessment and End Semester Examination as applicable to regular courses.</p>
R8.10	<p><b>Credit Consideration for Fast-track Courses</b></p> <p>Credits earned through Fast-track Examinations shall not be considered for the calculation of the Semester Grade Point Average (SGPA) or Cumulative Grade Point Average (CGPA). However, these credits shall be reflected separately in the Consolidated Grade Card under the "Fast Track Credit Accomplishment" / "Credit by Examination" category.</p>
R8.11	<p>Grace Marks shall not be awarded for Courses under the Fast Track Credit Accomplishment / Credit by Examination.</p>

R8.12 Eligible Fast-track Courses and Semester Availability					
Sl. No.	Semester	Course Category	Course Description	Credits	Preceding Semester Eligibility
1	5	HMT	Constitution of India	1	3 or 4
2	6	PET	Program/ Industry Linked Elective III or IV (level 3)	3	5
3	6	EST	Design Thinking and Product Development	2	4 or 5
4	6	OET	Open Elective I	3	5
5	7	PET	Program/ Industry Linked Elective V- (level 3)	3	6
6	7	OET	Open Elective II	3	6
7	7	HMT	Engineering Ethics and Sustainable Development	2	5 or 6
8	8	PET	Program Elective VI- (level 3)	3	7
9	8	OET	Open Elective III - Theory	3	6 or 7
10	8	HMT	Organizational Behavior and Business Communication	1	6 or 7

### 9. CALCULATION OF SGPA / CGPA

R9.1	<p>Semester Grade Point Average (SGPA)</p> <ul style="list-style-type: none"> <li>The SGPA earned by a student is a quantitative indication of the student's performance in a semester.</li> <li>The SGPA is the weighted average of the grade points obtained in all the courses registered by the student in the current semester.</li> </ul> <p>SGPA Calculation:</p> <ul style="list-style-type: none"> <li>For each course registered, the grade points earned are multiplied by the credits for that course.</li> <li>The sum of all such credit- grade point products is then divided by the total credits registered in that semester to calculate the SGPA for that semester.</li> </ul> $SGPA = \frac{\sum_{i=1}^n (C_i * GP_i)}{\sum_{i=1}^n C_i}$ <p>Where:</p> <ul style="list-style-type: none"> <li>n is the number of courses in the semester.</li> <li>'C<sub>i</sub>' is the credit assigned for the i<sup>th</sup> course.</li> <li>G<sub>p</sub><sub>i</sub> is the grade point earned in the i<sup>th</sup> course.</li> </ul>
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	<ul style="list-style-type: none"> <li>The calculation includes all grades, including 'F', 'Ab', and 'FE' grade courses.</li> <li>'F', 'Ab', or 'FE' grades are assigned a grade point of 0</li> </ul> <p>Cumulative Grade Point Average (CGPA)</p> <ul style="list-style-type: none"> <li>The CGPA indicates the overall performance of a student from the time of joining the programme to a specific semester.</li> <li>It is calculated by taking the weighted average of the grade points obtained in all the courses registered by the student since the first semester.</li> </ul> $CGPA = \frac{\sum_{i=1}^m (C_i * GP_i)}{\sum_{i=1}^m C_i}$ <p>where:</p> <ul style="list-style-type: none"> <li>'m' is the total number of courses considered in the CGPA calculation.</li> <li>'C<sub>i</sub>' is the credit assigned for the i<sup>th</sup> course and 'Gp<sub>i</sub>' is the grade point for that course.</li> <li>The summation is done for all courses specified in the curriculum up to the semester for which the CGPA is being calculated.</li> </ul> <p>The calculation includes all grades, including 'F', 'Ab', and 'FE' grade courses</p>
R9.2	<p>Non-Computable Courses for SGPA and CGPA:</p> <p>Courses that are not considered for the computation of SGPA and CGPA shall be explicitly listed in the curriculum.</p> <p>Exclusion of Minor, Honours, and Challenge Examinations.</p> <p>Courses pursued towards a 'Minor' or 'Honours' specialization, as well as credits earned through challenge examinations, shall not be included in the calculation of SGPA or CGPA for the main B. Tech. programme.</p>
R9.3	GPA and CGPA shall be calculated to two decimal places.
R9.4	<p>Percentage Equivalent of CGPA:</p> <p>The percentage equivalent of a CGPA is calculated by multiplying the CGPA by 10.</p> <p>Example: A CGPA of 8.95 is considered equivalent to 89.5% (8.95x10=89.5%).</p>
<b>10. ACTIVITY CREDITS REQUIREMENT FOR B. TECH. STUDENTS</b>	
R10.1	<ol style="list-style-type: none"> <li>A student must earn 3 credits by actively participating in co-curricular and extra-curricular activities, in accordance with the guidelines issued by the college from time to time. The required activity points must be earned from 3 designated groups, as specified in the B. Tech. curriculum.</li> <li>Regular B. Tech. students are required to acquire a minimum of 120 activity points, with at least 40 points earned from each specified group, to fulfil the curriculum requirement of 3 activity credits.</li> </ol>

	Students are required to maintain a file containing documentary proof of the activities they have participated in, attested by the Faculty Advisor.
<b>11. ELIGIBILITY FOR B. TECH. DEGREE</b>	
R11.1	<p>A student shall be eligible for the award of a B. Tech. Degree from the Parent University upon satisfying the following requirements based on the recommendation from the college:</p> <ol style="list-style-type: none"> <li>i. Fulfilled all the curriculum requirements within the stipulated duration of the programme.</li> <li>ii. Minimum CGPA and Credits: Must have a minimum CGPA of 5.0 AND should have minimum 160 credits including 3 credits from Activity Points.</li> <li>iii. Disciplinary Record: No pending disciplinary actions.</li> </ol> <p>The list of graduating students will be approved by the Academic council and Governing Body before submitting to the Parent University to by the Principal.</p>
R11.2	The Provisional Certificate, Consolidated Grade Card, and Migration/Cancellation certificates shall be issued to students only after the candidate has settled all dues to the College.
<b>12. BREAK OF STUDY</b>	
R12.1	<p>A student is permitted to avail break of study under the following circumstances:</p> <ol style="list-style-type: none"> <li>i. <i>Medical Reasons:</i> <ol style="list-style-type: none"> <li>a. In case of an accident or serious illness requiring prolonged hospitalization and rest.</li> <li>b. The student must submit all necessary medical reports, along with the recommendation of the treating doctor, clearly stating the reasons for the break of study and its duration.</li> <li>c. Before rejoining, the student must provide a fitness certificate from the treating doctor.</li> </ol> </li> <li>ii. <i>Start-up Venture or Product Development:</i> <ol style="list-style-type: none"> <li>a. If the student has a viable idea for a start-up venture or product development.</li> <li>b. The student must submit a project report to the college Principal, detailing the purpose, action plan, technical details, funding details, and future plans.</li> <li>c. The Principal shall evaluate the proposal by forming an expert team consisting of a technocrat and a bank executive and decide based on the team's recommendations.</li> <li>d. Break of study for a start-up is allowed only after the 4<sup>th</sup> semester.</li> </ol> </li> <li>iii. <i>Taking up a Fellowship in Foreign University /National and International Industry:</i> <ol style="list-style-type: none"> <li>a. If the student is taking up a fellowship at a foreign university, an Institute of national importance, or in a national or</li> </ol> </li> </ol>

	<p>international industry.</p> <p>b. The student must provide relevant documentation of the fellowship offer, including the duration and nature of the fellowship.</p> <p>c. Approval for the break of study shall be granted based on the fellowship's academic and professional value, as assessed by the college Principal, after obtaining recommendations from the IQAC and the College Council.</p> <p>iv. <i>Personal Reasons:</i></p> <p>a. Students may apply for a break of study due to personal reasons or other circumstances that temporarily hinder their ability to continue their studies for a specified period.</p>
R12.2	<p>Procedure for Break of Study Approval:</p> <p>i. The Head of Department shall submit the request received from the students for break of study and relevant documents to the Principal for final approval, along with their recommendations.</p> <p>ii. The break of study will take effect only after receiving final approval from the Principal.</p>
R12.3	<p>Duration of Break of Study:</p> <p>i. The normal duration for a break of study is 1 year.</p> <p>ii. In exceptional situations, Break of Study is permitted for a maximum duration of two years.</p>
R12.4	<p>Break of Study After Examination Eligibility Entry: The break of study for a student in a specific semester once the examination eligibility details for that semester have been prepared by the Controller of Examinations. Students in this situation shall only be permitted to mark break of study in the next immediate semester.</p>
R12.5	<p>During the break of study period, students are required to adhere to the following guidelines:</p> <p>i. Students are not permitted to attend any regular classes offered by the College during the break of study period.</p> <p>ii. Students are also not permitted to represent the College in any technical or non-technical events during the break of study period.</p> <p>iii. Students are not allowed to participate in any college-level activities or events held on campus during their break of study.</p>
R12.6	<p>Examination Eligibility: Students are eligible to register and appear for the End Semester Examination for courses in which they have received an 'F' or 'Ab' grade.</p>
R12.7	<p>If a student is debarred/suspended for disciplinary reasons, it will not be considered as a break of study.</p>
R12.8	<p>Classification of Student Status Post-Break of Study: If a student does not rejoin the College after the permitted break of study duration and fails to communicate their status, they will be treated as being under "Uninformed Long Absence".</p>

<b>13. UNINFORMED LONG ABSENCE</b>	
R13.1	A student shall be classified under 'Uninformed Long Absence' if they are continuously absent from classes or other academic obligations for 20 working days without submitting a written notification to the Head of Department.
R13.2	<ul style="list-style-type: none"> <li>i. The Head of Department shall send an official communication to the student, parent, or guardian within 15 working days from the start of the absence, directing the student to immediately resume attendance.</li> <li>ii. This communication should be delivered via registered letter and email.</li> </ul>
R13.3	<ul style="list-style-type: none"> <li>i. The proof submitted by the Head of Department for 'Uninformed Long Absence' must include the official communication sent to the student, parent, or guardian directing the student to attend classes immediately, and an undertaking that the student failed to attend classes despite the notice within the specified time (20 working days).</li> <li>ii. These documents shall be submitted to the Principal when marking a student as having an 'Uninformed Long Absence'.</li> <li>iii. The Uninformed Long Absence will take effect only after receiving final approval from the Principal.</li> </ul>
R13.4	Students designated as being in uninformed long absence shall not be eligible for promotion to the next semester alongside their peers.
R13.5	<p>Rejoining After Uninformed Long Absence:</p> <ul style="list-style-type: none"> <li>i. Rejoining for Students (Except First-Year): Students, except those in their first year, are permitted to rejoin within a maximum period of one year following the marking of their 'Uninformed Long Absence'.</li> <li>ii. Rejoining for First-Year Students: First-year students are permitted to rejoin if they submit a rejoining request within a maximum period of two months after being marked as Uninformed Long Absence. However, they shall not be permitted to rejoin if they submit the request after the last working day specified in the second semester academic calendar.</li> </ul>
R13.6	Rejoining Fee: A rejoining fee, as fixed by the college, shall be collected from the student upon approval of their rejoining request.
R13.7	<p>Removal from Roll List:</p> <ul style="list-style-type: none"> <li>i. If students do not rejoin the college within the time limit specified in Regulation R 13.5, the colleges are authorized to remove their names from the roll list with the approval of the Principal.</li> <li>ii. A cancellation certificate or migration certificate can be issued to the student upon formal request. A prescribed fee will be collected from the student for the issuance of these certificates. The certificate will only be issued if the student has cleared all outstanding dues to the college.</li> </ul>

<b>14. SCHEME MIGRATION</b>	
R14.1	Credit Transfer and Transitory Courses: In cases of readmission from the 2024 scheme to the 2025 scheme, the respective Board of Studies shall be responsible for preparing the courses for credit transfer or identifying transitory courses by comparing the 2024 and 2025 curricula and syllabi of the applicant. The Academic Council of the college shall review the recommendations from the BoS and make an appropriate decision based on these recommendations.
R14.2	<ul style="list-style-type: none"> <li>i. The relevant Board of Studies of the college shall prepare a detailed table specifying transitory or equivalent courses for each B. Tech. programme by thoroughly comparing the curriculum and syllabus of the 2024 and 2025 schemes.</li> <li>ii. The Board of Studies may favorably consider the credits earned by students under the 2024 Scheme when determining the additional courses, whether audit or credit courses, that students need to complete under the new scheme.</li> </ul>
R14.3	<ul style="list-style-type: none"> <li>i. Students who took a break of study in Semester 1 of the 2024 Scheme will be allowed to rejoin and register afresh in Semester 1 under the 2025 Scheme.</li> <li>ii. Students who took a break of study during Semester 2 in the 2024 Scheme are permitted to rejoin Semester 1 under the 2025 Scheme. This option enables them to address their academic gaps from the start of the program, ensuring full alignment with the 2025 Scheme curriculum. Alternatively, students may rejoin directly in Semester 2 under the 2025 Scheme, following the scheme migration rules.</li> </ul>
R14.4	<p>Rejoining After a Break of Study in Semesters 2, 3, 4, and 5 (Students of the 2024 Scheme Without Backlogs):</p> <ul style="list-style-type: none"> <li>i. Audit Courses Requirement: <ul style="list-style-type: none"> <li>a) Students of the 2024 Scheme who rejoin in Semesters 2, 3, 4, or 5 without any backlogs are required to undergo only the audit courses identified by the respective Board of Studies.</li> <li>b) There shall be no examinations or credit allocation for these audit courses.</li> <li>c) Digital 101 Course Requirement*: Students of the 2019 Scheme who rejoin in Semester 2, 3, 4 and 5 are required to complete the Digital 101 course as part of their academic requirements. 1 credit from this course is included in the calculation.</li> <li>d) Eligibility for B. Tech. Degree: If students who rejoin in Semester 2, 3, or 4 acquire a total minimum of 157 academic credits, they shall also be eligible for the award of a B. Tech degree as per this Regulation.</li> </ul> </li> <li>iii. Consolidated Grade Card and Official Transcript Statement: <ul style="list-style-type: none"> <li>• The Consolidated Grade Card and Official Transcript for these students shall include the following statements:</li> </ul> </li> </ul>

	<p>“A total of NN credits have been awarded based on the credits earned from the 2019 B. Tech. Scheme, bringing the total credits MM</p>
R14.5	<p>Rejoining After a Break of Study in Semesters 2, 3, 4, and 5 (Students of the 2019 Scheme with F and FE Grades)</p> <p>i. Scheme Migration for FE Grade Courses:</p> <ul style="list-style-type: none"> <li>• For students with an FE grade in courses under the 2024 scheme, they must undergo the equivalent courses of the 2025 scheme once again and fulfil all eligibility conditions to be eligible to write the end semester examination.</li> <li>• Scheme Migration for F Grade Courses:</li> <li>• For courses where a student has received an “F” grade under the 2024 scheme, the student is not required to retake the equivalent course under the 2025 scheme. However, the student must appear for the End Semester Examination as per the 2025 scheme.</li> <li>• The internal marks earned by the student under the 2024 scheme will be carried forward and converted to the equivalent percentage under the 2025 scheme for the purpose of final grade calculation. Any fractions of marks during the computation of the internal mark shall be rounded off to the next higher integer.</li> </ul> <p>ii. Transitory Courses for Non-equivalent Courses:</p> <ul style="list-style-type: none"> <li>• If there are no equivalent courses in the 2025 scheme for courses in which a student has received an F or FE Grade under the 2024 scheme, the Board of Studies (BoS) shall identify appropriate courses in the new scheme to serve as transitory courses.</li> </ul>
R14.6	<p>Credit Limit for Transitory Course Registration in Scheme Migration: There shall be no credit limit (R 3.42) for Scheme migration students regarding the maximum number of credits they can register for in a semester, provided the courses are offered by the college.</p>
R14.7	<p>Applicable Regulation and Mandatory Course Registration After Rejoining</p> <p>i. If students rejoin a batch after a break of study, Uninformed Long Absence, or scheme migration, the regulations of the B. Tech. batch in which they rejoin will be applicable.</p> <p>ii. Students shall also be required to register for and complete all the courses listed in the curriculum along with other students as per the B. Tech. 2025 regulation, irrespective of the semester in which they rejoin.</p>
R14.8	<p>Mandatory Student Activities After Rejoining Completion Requirement:</p> <p>i. Students who rejoin a batch after a break of study, Uninformed Long Absence, or scheme migration shall be required to complete the 3 credits for Mandatory Student Activities as per the 2025 regulation.</p>

	ii. Scheme Migration students must earn a minimum of 5 points per semester in each specified group during their period of study, in accordance with the 2025 regulation.
<b>15. MINOR IN ENGINEERING</b>	
The B.Tech. (Minor) programme is conceived as an academic extension of the Bachelor of Technology degree, enabling students to undertake additional courses in a discipline distinct from their major area of study. The programme aims to foster interdisciplinary learning by providing opportunities for students to acquire knowledge and competencies in an allied or emerging domain. Completion of the minor enhances the breadth of a student's academic profile, promotes intellectual versatility, and strengthens preparedness for careers and research pursuits that require proficiency across multiple disciplines.	
R15.1	Types of Minors: Minors may be offered in the following categories: Specialized Minors: These are designed to provide focused knowledge and skills in an emerging or advanced area of study that may cut across multiple engineering disciplines. Examples include areas such as Artificial Intelligence, Data Science, or Sustainable Technologies. Branch-wise Minors: These are offered within specific branches of engineering to enable students from other disciplines to gain foundational understanding and competencies related to that field. For instance, a Mechanical Engineering minor may be pursued by students from Electrical or Civil Engineering.
R15.2	Minors in specialized areas may be offered either by a single department or jointly by two or more departments, depending on the nature and interdisciplinary scope of the programme.
R15.3	The curriculum and syllabus of the Minor programmes shall be formulated by the concerned department(s) and shall require approval from the respective Board of Studies and the Academic Council.
R15.4	Registration for Minor in Engineering <ul style="list-style-type: none"> <li>All B.Tech students meeting the eligibility requirements prescribed by the institution, shall be eligible to register for a Minor in Engineering.</li> <li>To be eligible for registration, a student shall have successfully completed all courses of the first year of the B.Tech. programme and secure a minimum Cumulative Grade Point Average (CGPA) of 6.0 (or equivalent, as decided by the institution) at the time of registration. Students with pending backlogs shall not be permitted to register for a Minor.</li> </ul> Registration for a Minor shall be permitted at the beginning of the third semester. A student is allowed to register for only one Minor specialization, and once registered, the chosen specialization shall not be changed.
R15.5	Minor Registration Restrictions Students shall not be permitted to register for Minor programmes offered by their parent department or branch of study, in order to ensure the multidisciplinary nature of the Minor. Students shall not be allowed to register for a Minor programme if more than thirty percent (30%) of the syllabus content of the courses listed

	under the proposed Minor overlaps with those prescribed in the student's Major (parent) programme. The concerned Board of Studies shall be responsible for verifying and certifying the extent of syllabus overlap prior to approval.										
R15.6	<p><b>Exception Clause for Minor Registration</b></p> <p>In exceptional cases, a student may be permitted to register for a Minor offered by their parent department, provided that all of the following conditions are satisfied:</p> <ul style="list-style-type: none"> <li>• <b>Course Nomenclature:</b> The nomenclature of the Minor courses shall differ significantly from those offered under the student's Major and Honours programmes.</li> <li>• <b>Syllabus Content Difference:</b> There shall be a minimum of seventy percent (70%) difference in the syllabus content between the Minor courses and the corresponding courses in the Major and Honours programmes.</li> </ul> <p>Approval for such cases shall be granted only upon the recommendation of the concerned Board of Studies and with the approval of the Academic Council.</p>										
R15.7	The Board of Studies shall approve the list of branches or programmes which are eligible to register for each Minor offered by a department or group of departments. This information shall be made available prior to the commencement of the registration process.										
R15.8	<p><b>Structure and Credit Requirements for Minor Programme</b></p> <ul style="list-style-type: none"> <li>• <b>Credit Requirement for Minor:</b> A student shall be required to earn an additional fifteen (15) credits beyond the minimum credit requirements prescribed for the B.Tech. degree programme to be eligible for the award of the B.Tech. degree with a Minor.</li> <li>• <b>Minor Course Distribution:</b> The structure of the B.Tech. (Minor) programme is designed to ensure a balanced and progressive acquisition of knowledge and competencies in the chosen Minor discipline.</li> <li>• The courses and associated credits shall typically be distributed across four consecutive semesters as follows:</li> </ul> <table border="1" data-bbox="651 1534 1110 1872"> <thead> <tr> <th>Semester</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td>Semester 3</td> <td>4 Credits</td> </tr> <tr> <td>Semester 4</td> <td>4 Credits</td> </tr> <tr> <td>Semester 5</td> <td>4 Credits</td> </tr> <tr> <td>Semester 6</td> <td>3 Credits</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>• <b>Flexibility in Credit Distribution:</b> Departments may propose alternative course structures or credit distributions for a Minor, based on the academic requirements of the discipline or industry</li> </ul>	Semester	Credits	Semester 3	4 Credits	Semester 4	4 Credits	Semester 5	4 Credits	Semester 6	3 Credits
Semester	Credits										
Semester 3	4 Credits										
Semester 4	4 Credits										
Semester 5	4 Credits										
Semester 6	3 Credits										

	<p>collaboration needs. Such variations shall be implemented only after obtaining approval from the Board of Studies and the Academic Council.</p>
R15.9	<p><b>Mode of Earning Credits</b></p> <ul style="list-style-type: none"> <li>• The required fifteen (15) credits for the Minor programme may be earned through approved Massive Open Online Courses (MOOCs) before 8th semester of B.Tech Programme.</li> <li>• In case the approved MOOC course is not offered by the MOOC agency in a semester, students are required to complete theory courses offered in the respective semester of the minor curriculum through self-study mode.</li> <li>• Each MOOC course shall have a minimum duration of eight (8) weeks to ensure adequate academic engagement and learning depth.</li> </ul> <p>The department offering the Minor shall prepare and publish, prior to each registration cycle, the list of approved MOOCs recommended for the programme. This list shall be reviewed and approved by the respective Board of Studies to ensure academic rigor, relevance, and alignment with programme outcomes.</p>
R15.10	<p><b>Assessment and Credit Earning for Courses and MOOCs</b></p> <p>i. Assessment and Certification of MOOCs:</p> <ul style="list-style-type: none"> <li>• The assessment and certification of MOOCs shall be carried out in accordance with the norms and evaluation standards prescribed by the respective MOOC platforms.</li> <li>• Students shall be required to submit the official certificate of completion issued by the MOOC conducting agency as documentary evidence for the award of credits.</li> <li>• In case of MOOC failure, the student is allowed to complete the MOOC course specified in the curriculum before the 8th Semester of the B.Tech. programme.</li> <li>• Such certificates shall be submitted within the normal duration of the B.Tech. programme, in compliance with the timelines and procedures specified by the institution.</li> </ul> <p>ii. Assessment of self-study Courses: The assessment of self-study courses, other than MOOCs, and the earning of credits shall be governed by regular B.Tech degree regulations and shall also conform to the specific guidelines and assessment methods prescribed in the syllabus of the respective Minor courses.</p>
R15.11	<p><b>Registration and Examination for Minor Theory Courses</b></p> <ul style="list-style-type: none"> <li>• In case the approved MOOC course is not offered by the MOOC agency in a semester, students are required to register for the theory courses offered in the respective semesters of the Minor curriculum.</li> <li>• Evaluation Process and Provisions for Review: All courses under the Minor programme shall be evaluated through a double-blind evaluation process. Hence, there shall be no provision for answer script revelation. However, students shall be permitted to apply for</li> </ul>

	<p>scrutiny and challenge valuation in accordance with the procedures and regulations applicable to the regular B.Tech. degree programme.</p> <ul style="list-style-type: none"> <li>• No Supplementary Examinations: There shall be no supplementary examinations conducted for the theory courses listed under the Minor curriculum.</li> <li>• Absence in ESE: A student who is absent for the End Semester Examination (ESE) of any Minor course shall be awarded an “F” Grade, irrespective of the reason for absence.</li> </ul>
R15.12	<p><b>Completion Requirement for Minor</b> A student must earn the mandatory fifteen (15) credits prescribed in the Minor curriculum, in accordance with Regulations before 8th Semester of the B.Tech. programme. Failure to do so shall result in the non-award of the Minor degree.</p> <p>In cases where a student registered for a Minor programme does not fulfill the eligibility requirements for the award of the Minor, the credits earned for the completed Minor courses shall be reflected in the Consolidated Grade Card. However, these credits shall not be considered for the computation of the Semester Grade Point Average (SGPA) or the Cumulative Grade Point Average (CGPA).</p>
R15.13	<p><b>Award of Grace Marks</b> Grace marks shall not be awarded for any of the courses registered under the Minor programme, irrespective of the nature of the course or mode of completion (regular or MOOC).</p>
R15.14	<p><b>Computation of Grade Point Average</b> The additional credits earned for the B.Tech. Minor courses shall not be considered for the computation of the Semester Grade Point Average (SGPA) or the Cumulative Grade Point Average (CGPA) of the B.Tech. programme.</p>
R15.15	<p><b>Credit Transfer Policy</b> Credits earned under the Minor programme shall not be transferable to the regular B.Tech. programme, and conversely, credits earned under the regular B.Tech. programme shall not be transferable to the Minor programme. Each programme shall maintain distinct credit and performance records for academic evaluation and certification purposes.</p>
R15.16	<p><b>Award of Minor and Certification</b> Upon successful completion of all requirements of the Minor programme, the student shall be awarded a degree titled: <b>“Bachelor of Technology in [Major] with Minor in [Minor].”</b> The Consolidated Grade Card shall clearly indicate the award of the Minor and include the list of courses completed under the Minor programme, along with the corresponding credits earned.</p>
R15.17	<p><b>Monitoring and Verification</b> The Faculty Advisor shall be responsible for monitoring the academic progress of students registered for the Minor programme and for verifying</p>

	the authenticity and completion status of MOOC certifications submitted for credit consideration. The Faculty Advisor shall also ensure that all credit and course completion requirements are met in accordance with the prescribed regulations.				
<b>16. B. TECH. (HONOURS)</b>					
The B.Tech. (Honours) programme is conceived as an enhanced academic extension of the Bachelor of Technology degree, enabling students to pursue additional courses within their parent discipline. This pathway provides an opportunity for students to deepen their expertise in advanced or emerging areas of engineering pertinent to their field of study, thereby strengthening their foundation for specialized professional careers or higher academic pursuits. For the award of Honours, a student must satisfy all academic and credit requirements prescribed for both the regular B.Tech. degree and the Honours programme within the normal duration of the B.Tech. programme for which the student is registered.					
R16.1	<p>Eligibility and Qualification for B.Tech. (Honours)</p> <ol style="list-style-type: none"> <li>All B.Tech students meeting the eligibility requirements prescribed by the institution, shall be eligible to register for B.Tech (Honours) Programme.</li> <li>Registration for the B.Tech. (Honours) shall be carried out along with the registration for the fourth semester of the regular B.Tech. programme.</li> <li>To be eligible for registration, a student shall have successfully completed all courses till third semester of the B.Tech. programme and secure a minimum Cumulative Grade Point Average (CGPA) of 7.5 (or equivalent, as decided by the institution) at the time of registration. Students with pending backlogs shall not be permitted to register for B.Tech (Honours).</li> <li>To qualify for the award of B.Tech. (Honours), a student must attain a Cumulative Grade Point Average (CGPA) of 8.0 or higher at the end of the eighth semester, and shall comply with all additional academic and credit requirements specified under B.Tech. Degree Regulations.</li> </ol>				
R16.2	<p>Credit Requirement &amp; Course Distribution - B.Tech. (Honours) Degree</p> <ul style="list-style-type: none"> <li>Credit Requirement: student shall be required to earn an additional fifteen (15) credits beyond the minimum credit requirement prescribed for the B.Tech. degree to be eligible for the award of the B.Tech. (Honours) degree.</li> <li>Course Distribution: The additional fifteen (15) credits shall be distributed across four consecutive semesters to facilitate a structured and progressive enhancement of knowledge and competencies in the Honours discipline. The typical credit distribution shall be as follows:</li> </ul> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th>Semester</th> <th>Credits</th> </tr> </thead> <tbody> <tr> <td>Semester 4</td> <td>4 Credits</td> </tr> </tbody> </table>	Semester	Credits	Semester 4	4 Credits
Semester	Credits				
Semester 4	4 Credits				

		Semester 5	4 Credits	
		Semester 6	4 Credits	
		Semester 7	3 Credits	
	<ul style="list-style-type: none"> <li>Flexibility in Structure: Departments may propose alternative credit distributions or course structures based on academic relevance or disciplinary needs, subject to the approval of the respective Board of Studies and the Academic Council.</li> </ul>			
<b>R16.3</b>	<p>Mode of Earning Credits for B.Tech. (Honours)</p> <p>For the award of the B.Tech. (Honours) degree, a student shall be required to earn all fifteen (15) additional credits through one or more of the following approved options:</p> <ul style="list-style-type: none"> <li>Completion of approved MOOCs recommended by the respective Board of Studies and approved by the Academic Council.</li> <li>Earning additional credits (2 credits per Level 5 course) by successfully completing Level 5 elective courses offered in the elective baskets from Semester 4 to Semester 8.</li> </ul> <p>A combination of MOOCs, and additional Level 5 elective course credits (2 credits per Level 5 course) as specified above.</p>			
<b>R16.4</b>	<p>Each MOOC course is considered for credit under the B.Tech. (Honours) programme shall have a minimum duration of eight (8) weeks, ensuring adequate academic engagement and depth of learning.</p> <p>In case the approved MOOC course is not offered by the MOOC agency in a semester, students are required to complete theory courses offered in the respective semester of the Honours curriculum through self-study mode.</p>			
R16.5	<p>Assessment and Credit Earning for Courses and MOOCs</p> <p>i. Assessment and Certification of MOOCs:</p> <ul style="list-style-type: none"> <li>The assessment and certification of MOOC courses shall conform to the prescribed norms of the respective MOOC platforms.</li> <li>Students shall submit the official certificate issued by the MOOC conducting agency as evidence of successful course completion and credit attainment.</li> <li>The certificate must be submitted within the normal duration of the B.Tech. programme, following the guidelines issued by the College.</li> </ul> <p>ii. Assessment of self-study Courses:</p> <ul style="list-style-type: none"> <li>The assessment of courses, other than MOOCs, and the earning of credits shall be carried out as per B.Tech Degree Regulations and in accordance with the guidelines and assessment methods specified in the syllabus of the Honours course.</li> </ul>			
R16.6	Registration and Examination for Honours Theory Courses			

	<p>i. In case the approved MOOC course is not offered by the MOOC agency in a semester, students are required to register for the theory courses offered in the respective semesters of the Minor curriculum.</p> <p>ii. No Supplementary Examinations:</p> <ul style="list-style-type: none"> <li>• There shall be no supplementary examinations for the theory courses listed in the Honours curriculum.</li> </ul> <p>iii. Absence and Attendance Eligibility for Honours Courses:</p> <ul style="list-style-type: none"> <li>• If a student is absent for the End Semester Examination (ESE) of an Honours course, an 'F' Grade shall be awarded, irrespective of the reason for absence.</li> <li>• Students who fail to satisfy the minimum attendance eligibility requirement to appear for the ESE shall also be awarded an 'F' Grade, in place of the usual 'FE' Grade.</li> </ul> <p>iv. Evaluation Process:</p> <ul style="list-style-type: none"> <li>• All courses under the Honours curriculum shall be evaluated through a double-blind evaluation process.</li> </ul> <p>Hence, there is no provision for revaluation of answer scripts. However, students may apply for scrutiny and challenge valuation as per the regular B.Tech. degree regulations.</p>
R16.7	<p>Continuation and Eligibility for B. Tech. (Honours)</p> <ul style="list-style-type: none"> <li>• If a student fails in any course, including those chosen as part of the B. Tech. (Honours) curriculum, he/she shall not be eligible to continue in the B. Tech. (Honours) programme.</li> <li>• Such students will, however, continue in the regular B. Tech. programme and shall be eligible for the award of the regular B. Tech. degree, subject to fulfilling all other requirements.</li> </ul>
R16.8	<p>Conferment of “Bachelor of Technology (Honours)”</p> <p>The “Bachelor of Technology (Honours) in [Major]” shall be conferred upon students who fulfil all of the following conditions:</p> <ol style="list-style-type: none"> <li>1. CGPA Requirement: • The student must have a Cumulative Grade Point Average (CGPA) of 8.0 or higher at the end of the eighth semester.</li> <li>2. Course Completion: <ul style="list-style-type: none"> <li>• The student must earn a minimum C grade or higher in the Honours course if the course is offered under self-study theory course.</li> <li>• A student must earn the mandatory fifteen (15) credits prescribed in the Honours curriculum, in accordance with Regulations of the B.Tech. programme. Failure to do so shall result in the non-award of the Minor degree.</li> </ul> </li> <li>3. Grade History: The student shall have no record of 'F' or 'FE' grades in any of the courses chosen for the Honours or Major programme from Semester 1 to Semester 8.</li> </ol> <p>Programme Duration: All academic requirements for the award of the Honours degree must be completed within the normal programme</p>

	duration of four (4) years.
R16.9	Grace marks shall not be awarded for any of the courses under the B. Tech. (Honours) programme.
R16.10	<p>Credit Consideration and Grade Card Reflection</p> <p>If a student who has registered for the B. Tech. (Honours) programme does not qualify for the award of the Honours degree, the credits earned for the completed Honours courses shall be reflected in the Consolidated Grade Card but shall not be included in the calculation of SGPA and CGPA. However, these Honours credits will be considered for SGPA and CGPA calculations if the B. Tech. degree is awarded in accordance with B.Tech. Degree Regulations – Credit Consideration for B. Tech. Degree Award.</p>
R16.11	<p>Awarding of Honours and Minor Degree</p> <p>A student who successfully fulfils all eligibility requirements for both the Honours and Minor programmes shall be awarded a degree titled: <b>“Bachelor of Technology (Honours) in [Major] with Minor in [Minor].”</b></p> <p>This title shall also be reflected in the Consolidated Grade Card along with the list of courses completed under both programmes.</p>
R16.12	<p>Monitoring and Verification</p> <p>The Faculty Advisor shall be responsible for monitoring the academic progress of students registered for the Minor programme and for verifying the authenticity and completion status of MOOC certifications submitted for credit consideration. The Faculty Advisor shall also ensure that all credit and course completion requirements are met in accordance with the prescribed regulations.</p>
<b>17. MASSIVE OPEN ONLINE COURSE (MOOC)</b>	
R17.1	<p>MOOC Eligibility and Approval</p> <p>A MOOC shall be considered valid for credit under the B. Tech. (Honours) or Minor programmes only if it meets the following conditions:</p> <ul style="list-style-type: none"> <li>• It is conducted by recognized agencies such as AICTE, NPTEL, SWAYAM, NITTTR, or any other agency approved by the Academic Council of the College.</li> <li>• The duration of the MOOC shall be a minimum of eight (8) weeks.</li> <li>• The maximum credit that can be awarded to 8 week and 12 week MOOC courses is restricted to 3 and 4 respectively.</li> <li>• The course shall be delivered in online mode.</li> </ul> <p>The course shall include a proctored or offline End Semester Examination (ESE) for evaluation and certification.</p>
R17.2	At least 70% of the course content shall correspond to the area of study addressed by the respective Minor, Honours, or Major course for which credit is being claimed.
R17.3	<p>MOOC Approval</p> <p>Proposal Submission: Submission Deadline: Department must submit proposals for the approval of MOOCs at least one month prior to the commencement of the respective semester and before student enrolment</p>

	<p>in these courses.</p> <p>Review Report: The Head of Department shall submit a comprehensive Review Report for each proposed MOOC, which shall include:</p> <ul style="list-style-type: none"> <li>▪ Details of the MOOC agency</li> <li>▪ Course duration</li> <li>▪ Benefits of offering the MOOC to students</li> </ul> <p>Syllabus Comparison Report: Each proposal shall include a Syllabus Comparison Report comparing the syllabus of the theory course and the MOOC course, clearly indicating the percentage of content similarity. The Head of the Department shall forward the Review Report and Syllabus Comparison Report to the concerned Board of Studies for approval.</p>
R17.4	<p>MOOC Course Overlap Restriction</p> <p>Students shall not be permitted to opt for a MOOC course if there is more than 30% syllabus content overlap with any course or subject listed in their Major, Minor, or Honours programmes, or with an Open Elective or Industry-Linked Elective (ILE) offered by the College.</p>
R17.5	<p>MOOC Course Registration and Grading</p> <p>Course Registration: Students may register for and complete a MOOC included in the curriculum of their Major, Honours, or Minor programme as specified in the respective regulation and curriculum.</p> <p>Awarding of Credits and Grade Card Reflection: The credits earned for a MOOC shall be awarded and reflected in the grade card only for the semester in which the course is officially listed in the curriculum, irrespective of when the student completed the course.</p>
R17.6	<p>Completion of Honours and Minor MOOCs within Normal Programme Duration</p> <p>Completion Requirement: Students shall complete all MOOCs required for the Honours and Minor degrees within the normal duration of the B. Tech. programme.</p> <p>Validity Limitation: Any MOOCs completed or passed by a student after the normal programme duration shall not be considered for the award of Honours or Minor degrees.</p>
<b>18. GRACE MARKS FOR SPORTS / ARTS COMPETITIONS</b>	
R18.1	<p>Only bona-fide, regular candidates are eligible for the award of Grace Marks.</p>
R18.2	<p>The criterion for the award of Grace Marks is representing the University/ State /Country in officially sponsored competitions/ championships/ tournaments with prior official permission from the College.</p>
R18.3	<p><i>Grace Marks for End Semester Written Examinations:</i></p> <ol style="list-style-type: none"> <li>i. Grace Mark Allocation: Grace marks will be awarded for each course in which the University conducts the End Semester Written Examinations. The grace mark shall be 10% of the ESE marks for that course as specified in the curriculum.</li> <li>ii. Maximum Marks Condition: The total marks for a course,</li> </ol>

	<p>including the grace marks, must not exceed the maximum allowable ESE marks for that course.</p> <p>iii. If a candidate does not achieve the minimum required passing marks after applying the grace marks, additional moderation, as determined by the respective board, may be granted to achieve a pass.</p>
R18.4	<p>Grace Marks for the winners of Events organized by the Parent University:</p> <p>i. Grace marks shall be awarded to the winners (First, Second, and Third places) of state-level events conducted by the University based on the list received from the University.</p> <p>ii. Grace Mark Allocation: Grace marks will be awarded for each course in which the University conducts the End Semester Written Examinations. The grace mark shall be <b>5%</b> of the ESE marks for that course as specified in the curriculum.</p> <p>iii. Maximum Marks Condition: The total marks for a course, including the grace marks, must not exceed the maximum allowable ESE marks for that course.</p> <p>iv. If a candidate does not achieve the minimum required passing marks after applying the grace marks, additional moderation, as determined by the respective board, may be granted to achieve a pass.</p>
R18.5	<p>Grace Marks Awarding Criteria:</p> <p>i. Current Semester Performance: Grace marks shall be awarded for the regular examination of the current performing semester.</p> <p>ii. Single Achievement Eligibility: Only the single highest achievement during the semester period shall be eligible for the award of grace marks.</p> <p>iii. Semester Period Consideration: Grace marks will be allocated based on the semester period (Odd or Even) as published by the University/ College for each semester, and they will only be applicable within that specific period.</p> <p>iv. Non-Redistribution Between Semesters: Grace marks shall not be redistributed from one semester to another semester.</p> <p>v. Non-Redistribution Between Courses: Grace marks cannot be redistributed from one course to another within the same semester.</p> <p>vi. Exclusions: Grace Marks shall not be awarded for supplementary examinations, Honours, Minor courses, Challenge Courses or MOOC Courses.</p> <p>vii. First Chance Consideration: Grace marks will be granted to a candidate if the examination is considered their first chance for a particular course, as defined under this Regulation.</p>
R18.6	<p>Submission of Grace Marks Request:</p> <p>i. The request for Grace Marks shall be submitted to the Controller of Examinations through the Principal, accompanied</p>

	<p>by all relevant documents.</p> <p>ii. The submission must be made within the timeframe prescribed by the College.</p> <p>iii. Any requests received beyond this timeframe shall not be considered under any circumstances.</p>
<b>19. GRACE MARKS FOR PERSONS WITH DISABILITY (PWD)</b>	
<p><i>Integration of RPWD Act, 2016 in B. Tech. 2025 Regulations:</i> The Rights of Persons with Disabilities Act, 2016 (RPWD Act), and its provisions, including the implementation of Unique Disability Identity (UDID) Cards, shall be fully integrated and adhered to in the B. Tech. 2025 regulations.</p>	
R19.1	<p><i>Awarding Grace Marks for PWD Candidates:</i></p> <p>i. PWD candidates who are eligible for Grace Marks shall be awarded these marks for both regular and supplementary examination attempts until they pass the entire examination.</p> <p>ii. The Grace Marks awarded to PWD candidates shall be 25% of the marks scored by the candidate in each course at the time of finalization of the results. The total marks for a course, including the grace marks, must not exceed the maximum allowable ESE marks for that course.</p> <p>iii. Grace Marks shall be awarded for:</p> <p>a. Courses in which the University conducts End Semester written and practical examinations.</p> <p>b. Courses in which the University does not normally conduct End Semester Examinations.</p> <p>c. Minor and Honours courses.</p> <p>iv. Fractions of marks if any, while computing the Grace Marks shall be rounded off to the next higher integer.</p> <p>v. Transfer of marks from one paper to another shall not be permitted.</p> <p>a. Grace marks shall not be awarded for MOOCs and Challenge courses.</p>
R19.2	<p><i>Submission of Grace Marks Request:</i></p> <p>i. The request for Grace Marks shall be submitted to the Controller of Examinations through the Head of Department, accompanied by all relevant documents.</p> <p>ii. The submission must be made within the timeframe prescribed by the University.</p> <p>iii. Any requests received beyond this timeframe shall not be considered under any circumstances.</p>
<b>20. INTER COLLEGE TRANSFER</b>	
R20.1	The autonomous college shall permit inter-college transfer in accordance with the directives from the parent university.
<b>21. MIGRATION FROM OTHER UNIVERSITIES</b>	
R21.1	The autonomous college shall permit migration from other universities in accordance with the directives from the parent university.

<b>22. STUDENT EXCHANGE PROGRAMME</b>	
R22.1	<ul style="list-style-type: none"> <li>i. Exchange programmes shall be conducted with Institutes of National Importance (INIs) in India, as recognized by the Ministry of Education, or with universities / Colleges with which parent University has established bilateral agreements or MoUs or with college having a tripartite agreement including college and parent university</li> <li>ii. Exchange programmes with international universities/Colleges shall be limited to those ranked below 1000 in the QS/THE/ARWU World University Rankings or with universities/Colleges with which has established bilateral / tripartite agreements or MoUs.</li> </ul>
R22.2	<ul style="list-style-type: none"> <li>i. Students must have a minimum CGPA of 7.5 up to the last declared results to be eligible for participation in the exchange programme.</li> <li>ii. Additionally, students must have no pending disciplinary actions and no backlogs at the time of application.</li> </ul>
R22.3	The programme is open to students in their 3 <sup>rd</sup> /4 <sup>th</sup> year for undergraduate studies.
R22.4	<p><i>Duration for Student Exchange Programme:</i></p> <ul style="list-style-type: none"> <li>i. The exchange programme shall have a minimum duration of one semester and may extend up to a maximum of two semesters.</li> <li>ii. Two-year student exchange programmes are permitted if an affiliated College signs a Memorandum of Understanding (MoU) with a foreign university, in accordance with AICTE guidelines and with the approval of the parent University.</li> <li>iii. In such cases, students with a minimum CGPA of 6.5 up to the last declared results are eligible for participation in the exchange programme. All other eligibility conditions shall remain the same.</li> </ul>
R22.5	<ul style="list-style-type: none"> <li>i. Before departure, students must select core courses and elective baskets at the host university that align with their curriculum.</li> <li>ii. The Principal shall inform the parent university along with the course equivalency review report, including the syllabus and other relevant information. This report must be verified by the Head of the Department, the IQAC of the college. The list should be approved by the College Academic Council.</li> </ul>
R22.6	<ul style="list-style-type: none"> <li>i. The relevant BoS of the shall thoroughly compare the selected courses with the KTU curriculum to identify equivalent or suitable courses, ensuring they meet the necessary academic requirements for credit transfer.</li> <li>ii. If an exact match or equivalent courses are not available in the same semester, core or elective courses that provide similar knowledge or skills, offered in any semester or through similar programmes at the host university during the student exchange</li> </ul>

	<p>programme, may be considered for equivalency.</p> <p>iii. Courses shall be pre-approved by the college academic council to ensure proper credit transfer.</p>
R22.7	Students participating in international exchanges are responsible for obtaining the necessary visas, arranging travel, accommodation, insurance, and fulfilling other requirements specified by the host university and host nation.
R22.8	Students shall adhere to the code of conduct of the college, host college and the parent university of the autonomous college.
R22.9	Upon return, students shall submit their transcripts from the host College to their parent college. Credits earned during the exchange programme shall be transferred to the student's college record and applied toward their degree requirements, provided the courses were pre-approved by the college academic council and successfully completed.
R22.10	<p>Credit Transfer and CGPA Calculation Policy for Student Exchange Programme:</p> <ol style="list-style-type: none"> <li>i. The number of credits transferred from the host College shall be counted towards fulfilling the minimum credit requirements of the B. Tech. programme at the college.</li> <li>ii. Equating Credits to college System: Credits earned from the host College shall be equated to the college credit system to ensure consistency in academic standards and alignment with the college curriculum.</li> <li>iii. Transcripts/CGC issued by the college will only list the courses, credits, and grades completed at the college.</li> <li>iv. The transcripts/CGC will not include a detailed listing or breakdown of individual courses for transferred credits.</li> <li>v. Transferred credits from a host College shall be incorporated into the CGPA calculation at the college. However, to ensure consistency and fairness, the grades earned at the host College must be converted to the equivalent college grading scale before being included in the CGPA calculation.</li> <li>vi. The credits transferred from the host College will be indicated as a total at the bottom of the Consolidated Grade Sheet, labelled as 'Total Credits Transferred from (Name of the Institute/University, place and Country)'.</li> </ol>
R22.11	If equivalent courses cannot be identified or successfully completed during the exchange, students shall be required to complete additional courses recommended by the Board of Studies (BoS) upon their return to the college to fulfil their academic requirements.
R22.12	Compliance with Government and AICTE Orders for Student Exchange Programmes: All applicable government and AICTE orders issued from time to time shall be binding on student exchange programmes.
<b>23. INTERNSHIPS</b>	

R23.1	Students are permitted to undertake two types of internships: 1. Short-Term Internships 2. Long-Term Internships.
R23.2	Short-Term Internships: <ul style="list-style-type: none"> <li>• Students are allowed to pursue short-term internships after the completion of their Third Semester Examination.</li> <li>• The period for a Short-Term Internship shall not exceed 8 weeks.</li> </ul>
R23.3	Long-Term Internships: <ul style="list-style-type: none"> <li>• Students can opt for the Long-Term Internship either in the 7<sup>th</sup> or 8<sup>th</sup> semester.</li> <li>• The internship period for a Long-Term Internship should last a minimum of 4 months but not exceed 6 months (4 to 6 months).</li> </ul>
R23.4	Option for 1 Year Internship: <ol style="list-style-type: none"> <li>This policy allows students to opt for a one-year internship during their final year, provided they meet specific eligibility criteria and adhere to the college's long-term internship guidelines.</li> <li>Eligibility Criteria: Students who have successfully completed all theory courses listed in the seventh and eighth semesters of their Programme curriculum through challenge exams/MOOCs are eligible to apply for a one- year internship.</li> <li>Remaining Courses:</li> <li>Eligible students must have only the following courses pending: <ul style="list-style-type: none"> <li>• Seminar in Semester 7.</li> <li>• Project/Internship in Semester 7 and 8.</li> </ul> </li> <li>Internship Approval: Students meeting the above eligibility criteria may join a one-year internship, provided they also satisfy all other eligibility requirements outlined in the Long-Term Internship Guidelines. Final approval for the internship will be granted by the Principal, ensuring that all academic requirements are met.</li> <li>Integration of Project / Internship: The Project / Internship component in Semester 7 and 8 may be integrated with the one-year internship, subject to approval from the Principal. The integrated internship must align with the academic objectives of the student's programme.</li> <li>All such cases to be reported in the respective BoS and College Academic council.</li> <li>This policy provides flexibility to students in their final year to gain extended industry experience while fulfilling the remaining academic requirements.</li> </ol>
R23.5	Internship Guidelines and Eligibility Conditions: <ol style="list-style-type: none"> <li>The detailed guidelines and eligibility conditions for internships, including both short-term and long-term options, shall be published separately by the College.</li> </ol>

	ii. These guidelines may be modified by the College as needed to ensure they remain relevant and effective.
R23.6	Students must not have any pending disciplinary action to be eligible for both short- term and long-term internships.
<b>24. INDUSTRIAL VISIT</b>	
R24.1	<p>Industrial Visit and Industrial Training:</p> <p>i. Industrial Visit (IV):</p> <ul style="list-style-type: none"> <li>• Industrial visits are permitted either in the fifth semester (S5) or in the sixth semester (S6).</li> <li>• A maximum of 12 days is allowed for the IV, with no more than 6 working days included in this period.</li> </ul> <p>ii. Industrial Training:</p> <ul style="list-style-type: none"> <li>• Students who do not participate in the industrial visit must attend industrial training during the same period.</li> </ul> <p>iii. Attendance:</p> <ul style="list-style-type: none"> <li>• The period of industrial visit or industrial training (maximum of 6 days) shall be considered for granting attendance to the students.</li> </ul> <p>Guidelines: The detailed guidelines for the IV shall be published separately by the College.</p>
<b>25. OVERRIDING PROVISIONS</b>	
R25.1	Notwithstanding anything contained in these regulations, the appropriate statutory bodies of the College shall have the power to amend, modify or repeal any of these regulations from time to time. The Principal of the college on urgent prerequisite can issue orders to modify, repeal or amend the regulations which should be ratified by the immediate academic council.