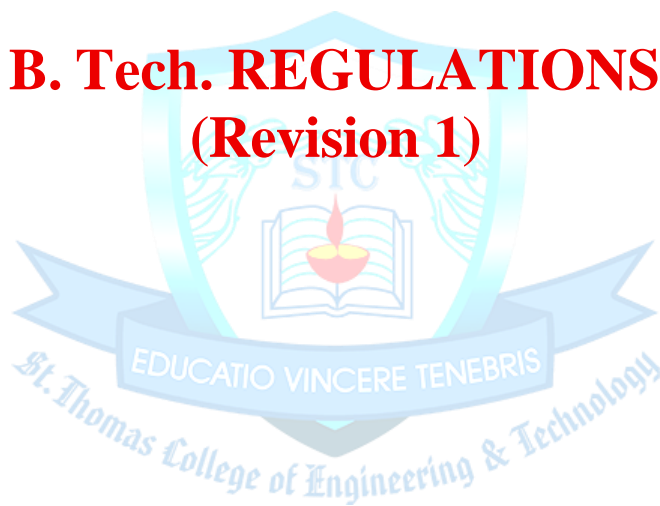


STC B. Tech. REGULATIONS 2025 (Revision 1)



St. Thomas College of Engineering & Technology

(Autonomous)

Chengannur, Alappuzha District, Kerala State

www.stthomascollege.ac.in

STC B.Tech Regulations 2025

Preamble

St. Thomas College of Engineering and Technology (STC) Chengannur, a self-financing institution affiliated to APJ Abdul Kalam Technological University (KTU) and approved by the All India Council for Technical Education (AICTE), was conferred autonomous status by the University Grants Commission (UGC) vide letter No. F. 2-10/2023(AC-Policy) dated 18.07.2025.

Autonomy enables the College to frame and implement its own curriculum, adopt modern teaching-learning strategies, and evolve evaluation practices in line with global standards. This academic independence strengthens the College's efforts to ensure academic excellence, employability, and industry readiness of its graduates. To standardise the procedures in teaching and evaluation processes followed for all the B.Tech programmes in St. Thomas College of Engineering & Technology, mandatory regulations are framed.

These regulations are framed in alignment with national educational reforms and quality standards. These regulations are developed with reference to the recommendations, guidelines and directions from the National Knowledge Commission, University Grants Commission (UGC), All India Council for Technical Education (AICTE) and APJ Abdul Kalam Technological University ((KTU) on:

- (a) Outcome-Based Education (OBE) Framework
- (b) Evaluation Reforms in Higher Education Institutions in India
- (c) Examinations Reform Policy
- (d) National Education Policy (NEP) 2020

These frameworks emphasize learner-centric, flexible, and inclusive education, while ensuring transparency, academic integrity, and holistic development of students.

The governance of academic and administrative matters is undertaken by statutory bodies such as the Governing Body, Academic Council, Board of Studies, and Finance Committee, formed in accordance with UGC guidelines for autonomous colleges.

Vision and Mission Alignment

Vision

To be an Institute of repute recognised for excellence in education, innovation and social contribution.

Mission

- M1: Infrastructural Relevance – Develop, maintain and manage our campus for our stakeholders.
- M2: Life-Long Learning – Encourage our stakeholders to participate in lifelong learning through industry and academic interactions.
- M3: Social Connect – Organize socially relevant outreach programs for the benefit of humanity.

The academic regulations are framed with a focus on realizing the College's Vision and Mission by fostering academic innovation, societal engagement, and continuous learning.

Regulation Introduction

These regulations shall apply to the four-year Bachelor of Technology (B.Tech.) programmes offered by various departments of St. Thomas College of Engineering and Technology (STC) (hereinafter referred to as the *Institution*), for students admitted from the Academic Year 2025–2026 onwards in the autonomous system.

The rules and guidelines contained in this document, which form the regulations, shall be known as the *STC B.Tech Regulations 2025*.

The curriculum structure, academic framework, evaluation, and assessment systems shall be formulated and periodically revised by the Institution, and will be in consonance with that of the academic standards of the affiliating University (KTU) and the regulatory framework of AICTE, while incorporating flexibility to meet the evolving demands of industry and society.

Abbreviations & Definitions

1. For the purposes of these Regulations, -

(a) **‘UGC’** means the University Grants Commission constituted under the University Grants Commission Act, 1956;

(b) **‘AICTE’** means the All-India Council for Technical Education constituted under the All India Council for Technical Education Act, 1987;

(c) **‘University’** means the APJ Abdul Kalam Technological University, Thiruvananthapuram;

(d) **‘STC’** means St. Thomas College of Engineering and Technology, Chengannur (Autonomous);

(e) **‘Head of the Institution’** means the Principal of the St. Thomas College of Engineering and Technology;

(f) **‘GB’** means the Governing Body of the Institution;

(g) **‘Academic Council’** means the Academic Council of the Institution constituted in accordance with the provisions of the UGC Regulations Act;

(h) **‘BoS’** means the Board of Studies constituted by the Institution in accordance with the UGC Regulations Act;

(i) **‘B.Tech. Programme’** means a programme leading to the award of a Degree of Bachelor of Technology by the University;

(j) **‘Regulations’** means STC B.Tech Regulations 2025;

(k) **‘Academic Calendar’** means the official schedule set by the Institution, detailing the commencement and conclusion of classes, examinations, and academic events for an academic year;

(l) **‘Academic Year’** means the academic cycle consisting of an Odd semester, an Even semester, and a Summer term;

(m) **‘CGPA’** means the Cumulative Grade Point Average;

(n) **‘SGPA’** means the Semester Grade Point Average;

- (o) **‘Course’** means a theory, project, or practical subject that is normally included in the curriculum for study in a B.Tech. programme;
- (p) **‘Discipline’** means a specific branch of the 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;
- (q) **‘CIE’** means Continuous Internal Evaluation, which is assessed for every student for every course during the semester;
- (r) **‘ESE’** means the End Semester Examination, which is conducted by the Institution at the end of the semester for all the courses as per the curriculum of study for the B.Tech. programme;
- (s) **‘Grade Card’** means the certificate issued to each candidate, generally containing course code, course title, grade, and grade points along with the SGPA of that semester;
- (t) **‘HoD’** means Heads of various departments of St. Thomas college of Engineering and Technology.
- (u) **‘HoD Council’** means the body comprising the Heads of various departments within the Institution.
- (v) Words and expressions used in these Regulations but not defined herein shall have the respective meanings assigned to them in the applicable Acts or Statutes or Regulations.

1. General

R 1.1	The rules set forth in these regulations shall apply to all aspects concerning the admission and enrolment of students into the B.Tech. programmes offered by the Institution. They shall also govern the delivery of academic instruction, the administration of examinations, assessment of student performance, and the awarding of the Bachelor of Technology degree(s).
R 1.2	The Institution reserves the right to revise, amend, or update these regulations as and when necessary.
R 1.3	These regulations and the amendments made from time to time shall also extend to any B.Tech. programme(s) that may be launched by the Institution in the future.
R 1.4	In all cases related to the interpretation or implementation of these regulations, the decision taken by the Institution—based on the approvals of the Academic Council and the Governing Body—shall be considered final and binding.

2. Admission Policy

R 2.1	Admission Governance The rules and procedures related to admissions, including eligibility criteria for entry into the institution, shall be determined by the Government, the University, and other relevant statutory or regulatory authorities.
R 2.2	Revocation of Admission by the Institution After enrolment, if it is found that a student has not met the required conditions for admission or resorted to any fraudulent means to secure the admission to the Institution, the Head of the Institution has the authority to cancel the admission. The matter shall be reported to the Governing Body (GB) of the Institution.
R 2.3	Restriction on Change of Discipline

	Students shall not be permitted to change the branch of study or discipline to which they were originally admitted by the competent authority, once the official admission process is closed.
R 2.4	<p>Institute Transfer Restriction</p> <p>A student admitted to the institution shall continue the studies at the institution itself until the completion of the programme. Transfers to other institutions shall not be allowed unless permitted by the University.</p>
3. Structure of B. Tech. Programme	
R 3.1	The duration of the B. Tech. Programme shall be 4 years (8 semesters).
R 3.2	<p>Options for Completing the B.Tech. Programme</p> <p>Students pursuing the B.Tech. degree at the Institution can have the flexibility to choose from the following four academic pathways:</p> <p>1. B.Tech. (Regular Programme)</p> <p>Award: B.Tech. in an Engineering Major Discipline</p> <p>Total Credits Required: 170 Credits</p> <ul style="list-style-type: none"> • 167 Academic Credits • 3 Credits from Student Activities <p>2. B.Tech. with Minor</p> <p>Award: B.Tech. in an Engineering Major + Minor in another Discipline</p> <p>Total Credits Required: 185 Credits</p> <ul style="list-style-type: none"> • 170 Credits (B.Tech.) • 15 Credits (Minor Coursework in a discipline other than the Major) <p>3. B.Tech. with Honours</p> <p>Award: B.Tech. with Honours in the Major Discipline</p> <p>Total Credits Required: 185 Credits</p> <ul style="list-style-type: none"> • 170 Credits (B.Tech.) • 15 Credits (Honours Coursework within the Major Discipline)

	<p>4. B.Tech. with Honours and Minor</p> <p>Award: B.Tech. with Honours in the Major Discipline + Minor in another Discipline</p> <p>Total Credits Required: 200 Credits</p> <ul style="list-style-type: none"> • 170 Credits (B.Tech.) • 15 Credits (Minor Coursework in a discipline other than the Major) • 15 Credits (Honours Coursework within the Major Discipline)
<p>R 3.3</p>	<p>Credit Relaxation and Credit Consideration Policy</p> <p>This policy provides academic flexibility for students who face minor shortfalls in earned credits while ensuring the core integrity of the B.Tech. programme is maintained. It also outlines how certain additional credits may be considered toward fulfilling graduation requirements under specific conditions.</p> <p>1. Credit Shortfall Allowance</p> <p>This policy allows students to graduate even if they are unable to earn credits for courses totaling up to 10 credits.</p> <p>2. Minimum Credits Required for Graduation</p> <p>To be eligible for the award of the B.Tech. Degree, a student must earn a minimum of 160 credits, including:</p> <ul style="list-style-type: none"> • 157 academic credits, and • 3 mandatory credits from student activities. <p>These credits must be accumulated within the normal programme duration of eight semesters.</p> <p>3. Non-Relaxable Components</p> <p>The following components are mandatory and excluded from credit relaxation. They must be completed in full by all students:</p> <ul style="list-style-type: none"> • Programme Core Courses • Seminar

- Mini Project
- Project / Internship

4. Exclusion of Minor Credits

Credits earned under the Minor Specialization shall not be transferred or counted towards the minimum 160-credit graduation requirement under this policy for the award of the degree.

5. CGPA Implications of Unacquired Credits

- A grade point of '0' will be assigned for courses in which credit is not earned due to the application of the credit relaxation policy.
- These grades will be factored into the calculation of both the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA).
- This may lead to a reduction in the overall CGPA.

6. Graduation Eligibility with Lower CGPA

Despite a potentially reduced CGPA due to unearned credits, students who successfully meet the 160-credit requirement, including all mandatory components, shall be deemed eligible for the award of the degree.

7. Credit Consideration Toward B.Tech. Degree Award

i. For Students Meeting the 160-Credit Requirement:

If a student has acquired at least 160 credits under the credit relaxation policy, any additional credits earned from:

- Honours theory courses, and
- Two additional credits from Level 5 courses,

may be counted toward the total 170 credits required for the regular B.Tech. Degree.

ii. For Students Falling Short of 160 Credits:

If a student has not met the 160-credit minimum, the credits earned from:

	<ul style="list-style-type: none"> • Honours theory courses, and • Two Level 5 course credits, <p>may be used to fulfill the 160-credit requirement (157 academic + 3 activity credits) for the award of the B.Tech. Degree.</p> <p>8. SGPA/CGPA Inclusion</p> <p>All additional credits considered (as above) shall be included in the calculation of SGPA and CGPA.</p> <p>9. Ineligibility for Honours</p> <p>Students who utilize the above credit consideration to meet the minimum graduation requirement will not be eligible for the award of the B.Tech. Degree with Honours, even if they have completed Honours coursework.</p>
<p>R 3.4</p>	<p>Academic Year Structure</p> <p>1. Semester System</p> <p>The academic calendar shall be organized into three terms per academic year as follows:</p> <ul style="list-style-type: none"> • Odd Semester • Even Semester • Summer Term <p>The Summer term, typically conducted during the months of May and June, serves as a dedicated period for students to undertake internships, skill enhancement programmes, or additional academic courses, thereby contributing to their holistic academic and professional growth.</p> <p>2. Minimum Working Days</p> <p>Each odd and even semester shall comprise a minimum of 65-75 working days, of which at least 65 days shall be instructional days dedicated to direct teaching-learning activities and the Continuous Internal valuation.</p> <p>In the event of unexpected holidays declared by the District Administration or the State Government, the Institution shall make appropriate arrangements to compensate for the lost instructional days</p>

	<p>within the same semester. This may include the utilization of Saturdays or other suitable measures to ensure the completion of the prescribed curriculum within the stipulated time frame including the online classes.</p>
R 3.5	<p>Academic Calendar</p> <p>The Academic Calendar shall outline the schedule of all major academic activities for each semester and be published in advance by the Institution. The semester-wise academic activities shall normally include the following:</p> <ul style="list-style-type: none"> • Commencement and completion of the semester • Semester enrolment dates • Course selection and mapping dates • End Semester examination registration dates • Schedule of internal examinations • Attendance and Continuous Internal Evaluation marks publishing date • Schedule of End Semester Examinations (ESE) • Calendar of co-curricular and extra-curricular activities • Submission deadlines for Student Activity Points • Schedule for Internal and External Academic Audits • Internship period and vacation schedule
R 3.6	<p>Each discipline under the B. Tech. programme shall follow a prescribed curriculum and detailed syllabi for all its courses. These shall be approved by the Academic Council and subsequently reported to the Governing Body (GB) of the Institution.</p>
R 3.7	<p>Curriculum</p> <p>The curriculum refers to a systematically structured and officially prescribed set of courses that constitute a specific academic programme. It defines the academic framework and progression for the programme and categorizes courses under distinct heads such as:</p> <ul style="list-style-type: none"> • Institution Core (IC) • Institution Electives (IE)

	<ul style="list-style-type: none"> • Programme Core (PC) • Programme Electives (PE) • Open Electives (OE)/Industry Linked Electives, • Minor subjects • Major subjects etc. <p>This organized structure is designed to ensure that students receive a holistic and well-rounded education. It combines foundational knowledge, domain-specific expertise, and elective options that allow for academic flexibility and specialization within the chosen discipline.</p> <p>Course</p> <p>A course represents an individual subject or unit of study within the curriculum, identified by a unique course code and title. Each course is associated with a clearly defined syllabus and specified learning outcomes.</p> <p>Courses may include:</p> <ul style="list-style-type: none"> • Theory subjects • Laboratory/practical sessions • Mini Projects • Major Projects • Internships • Seminars, etc. <p>Each course carries designated credit weightage and contributes to fulfilling the total credit requirements of the B. Tech. programme.</p>
<p>R 3.8</p>	<p>Syllabus</p> <p>The syllabus is a comprehensive academic document that defines the learning framework for a specific course. It serves as a detailed guide for both students and instructors, outlining the essential components and expectations of the course.</p> <p>Each syllabus includes the following key elements:</p> <ul style="list-style-type: none"> • Course Title and Course Code

	<ul style="list-style-type: none"> • Course Type (Theory, Practical, Project, etc.) • Delivery Mode – Weekly teaching hours presented as L-T-P-R (Lecture-Tutorial-Practical-Project) • Credits Assigned • Marks Allocation – Continuous Internal Evaluation (CIE) and End Semester Examination (ESE) • Examination Duration • Course Prerequisites (if any) • Self-study hours if necessary <p>In addition to structural information, the syllabus also contains:</p> <ul style="list-style-type: none"> • Course Objectives • Expected Course Outcomes (COs) • CO-PO Mapping (linking Course Outcomes to Programme Outcomes) • Prescribed Textbooks and Reference Materials • Assessment Methods and Patterns • Question Paper Format (where applicable) <p>This structured document ensures academic transparency and clarity, facilitating consistent delivery and evaluation of the course content.</p>
<p>R 3.9</p>	<p>Syllabus Revision and Updates</p> <p>i. The syllabus for each course shall be subjected to continuous revision to maintain the relevance, generally be revised once every three years to ensure alignment with academic and industry developments. However, the introduction of innovative elective courses, open electives, industry-linked electives, and industry-aligned minors may occur at any time based on emerging needs. In addition to the periodic revision, the syllabus may also be updated as and when required to incorporate urgent academic, technological, or industry-related advancements, subject to approval by the BoS and Academic Council.</p> <p>ii. The content of any course included in the curriculum may be modified or updated to reflect technological advancements and evolving academic</p>

	<p>or professional requirements. Notwithstanding this flexibility, any revision made to core courses shall be limited to a maximum of 30% of the original syllabus content.</p> <p>iii. All revisions or updates to the syllabus shall be initiated by the faculty and exclusively upon the recommendation of the respective Board of Studies (BoS). Such modifications are subject to the approval of the Academic Council, with subsequent reporting to the Governing Body (GB).</p>										
R 3.10	<p>Credit System:</p> <p>The academic programmes of the Institution are based on 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 follows:</p>										
	<table border="1"> <tr> <td>1 Hour of Lecture (L) per week</td> <td>1 credit</td> </tr> <tr> <td>1 Hour of Tutorial (T) per week</td> <td>1 credit</td> </tr> <tr> <td>2 Hours of Practical (P)/Project (R) per week</td> <td>1 credit</td> </tr> <tr> <td>3 to 4 Hours of Seminar (S)/Practical (P)/Project (R) per week</td> <td>2 credits</td> </tr> <tr> <td>1 Project Hour (R) included in Project-Based Learning (PBL) per week</td> <td>1 credit</td> </tr> </table>	1 Hour of Lecture (L) per week	1 credit	1 Hour of Tutorial (T) per week	1 credit	2 Hours of Practical (P)/Project (R) per week	1 credit	3 to 4 Hours of Seminar (S)/Practical (P)/Project (R) per week	2 credits	1 Project Hour (R) included in Project-Based Learning (PBL) per week	1 credit
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R 3.11	<p>Credits and Course Delivery Structure</p> <p>Credits shall be assigned to all courses included in the approved curriculum. The credit value of each course—1, 2, 3, or 4—is determined based on the mode of content delivery and the intended depth of learning.</p> <p>Courses may be delivered through one or a combination of the following modes:</p> <ul style="list-style-type: none"> • Theory only 										

	<ul style="list-style-type: none"> • Theory with Tutorial • Theory with Laboratory/Practice • Theory with Project • Laboratory only • Massive Open Online Courses (MOOCs) <p>Each course is denoted using the L–T–P–R format, which represents the number of contact hours per week allocated to:</p> <ul style="list-style-type: none"> • L – Lecture • T – Tutorial • P – Practical (Lab/Studio/Workshop) • R – Project Work <p>This structure ensures clarity in the delivery and assessment of academic content while maintaining uniformity in credit assignment across diverse types of courses.</p>
<p>R 3.12</p>	<p>Self-Study Hours (SS)</p> <p>In addition to scheduled instructional hours for lectures, tutorials, practicals, and project work, the curriculum incorporates Self-Study Hours (SS) to promote independent learning and academic discipline among students.</p> <p>Self-Study Hours represent the time a student is expected to devote each week to independent academic activities beyond formal classroom instruction. These may include:</p> <ul style="list-style-type: none"> • Reviewing lecture materials and notes • Completing assignments and problem sets • Conducting additional reading and research • Practicing skills or solving problems • Advancing project work without direct supervision etc. <p>The weekly Self-Study Hours for a course are calculated using the following formula:</p> $\text{SS Hours} = 1.5 \times L + 0.5 \times T + 0.5 \times P + R$

	<p>Where:</p> <ul style="list-style-type: none"> • L = Number of Lecture hours per week • T = Number of Tutorial hours per week • P = Number of Practical hours per week • R = Number of Project hours per week <p>This structured approach ensures a balanced academic workload and encourages students to take ownership of their learning.</p>																																
R 3.13	<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"> <thead> <tr> <th data-bbox="448 757 571 898">SI No.</th> <th data-bbox="571 757 1066 898">Category</th> <th data-bbox="1066 757 1219 898">Code</th> <th data-bbox="1219 757 1393 898">Breakup of Credits</th> </tr> </thead> <tbody> <tr> <td data-bbox="448 898 571 1032">1</td> <td data-bbox="571 898 1066 1032">Humanities and Social Sciences including Management Courses</td> <td data-bbox="1066 898 1219 1032">HMC</td> <td data-bbox="1219 898 1393 1032">9</td> </tr> <tr> <td data-bbox="448 1032 571 1122">2</td> <td data-bbox="571 1032 1066 1122">Basic Science courses</td> <td data-bbox="1066 1032 1219 1122">BSC</td> <td data-bbox="1219 1032 1393 1122">20</td> </tr> <tr> <td data-bbox="448 1122 571 1368">3</td> <td data-bbox="571 1122 1066 1368">Engineering Science courses including workshop, drawing, basics of electrical / mechanical / computer etc.</td> <td data-bbox="1066 1122 1219 1368">ESC</td> <td data-bbox="1219 1122 1393 1368">29</td> </tr> <tr> <td data-bbox="448 1368 571 1447">4</td> <td data-bbox="571 1368 1066 1447">Programme Core Courses</td> <td data-bbox="1066 1368 1219 1447">PCC</td> <td data-bbox="1219 1368 1393 1447">52</td> </tr> <tr> <td data-bbox="448 1447 571 1581">5</td> <td data-bbox="571 1447 1066 1581">Programme Core Courses-Project Based Learning</td> <td data-bbox="1066 1447 1219 1581">PBL</td> <td data-bbox="1219 1447 1393 1581">16</td> </tr> <tr> <td data-bbox="448 1581 571 1783">6</td> <td data-bbox="571 1581 1066 1783">Programme Elective courses relevant to the chosen specialization / branch</td> <td data-bbox="1066 1581 1219 1783">PEC</td> <td data-bbox="1219 1581 1393 1783">18</td> </tr> <tr> <td data-bbox="448 1783 571 1910">7</td> <td data-bbox="571 1783 1066 1910">Open Elective Courses/Industry Linked Elective</td> <td data-bbox="1066 1783 1219 1910">OEC/ILE</td> <td data-bbox="1219 1783 1393 1910">9</td> </tr> </tbody> </table>	SI No.	Category	Code	Breakup of Credits	1	Humanities and Social Sciences including Management Courses	HMC	9	2	Basic Science courses	BSC	20	3	Engineering Science courses including workshop, drawing, basics of electrical / mechanical / computer etc.	ESC	29	4	Programme Core Courses	PCC	52	5	Programme Core Courses-Project Based Learning	PBL	16	6	Programme Elective courses relevant to the chosen specialization / branch	PEC	18	7	Open Elective Courses/Industry Linked Elective	OEC/ILE	9
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8	Mini Project, Project Work / Internship and Seminar	PWS	12
9	Health and Wellness	HWP	1
10	Skill Enhancement Courses	SEC	1
Total Academic Credits			167
Mandatory Student Activities (MSA)			3
Total Credits			170

R 3.14

Programme Core (PC) Courses

Programme Core courses are essential subjects that are directly aligned with the student's chosen discipline or branch of study. These courses are mandatory and must be completed to fulfill the academic requirements of the B. Tech. programme.

They include both theory-only and lab-only components, ensuring students gain a strong foundational understanding as well as practical exposure.

Project-Based Learning (PBL)

Project-Based Learning is an integral part of the curriculum and is embedded across various disciplines through specially designed courses. These courses emphasize learning through hands-on projects that are aligned with the course objectives and expected learning outcomes.

- Students are required to undertake projects related to the course content in consultation with the respective faculty member.
- All project activities must be completed within the semester in which the course is offered.
- The recommended group size for each project is four students.

Each B. Tech. programme shall include minimum of four project-based courses to foster experiential learning and practical problem-solving skills.

	<p>Programme Elective (PE) Courses</p> <p>Programme Elective courses offer students the flexibility to choose from a list of elective subjects within their own discipline or branch of study. These electives enable students to tailor their academic path according to their interests, career goals, or emerging industry trends, while still remaining within the scope of their core discipline.</p>
<p>R 3.15</p>	<p>Levels and Multilevel Courses in the B. Tech. Curriculum</p> <p>Multilevel courses are a pedagogical strategy in which a subject is taught through a series of sequential levels, each designed to progressively enhance a student’s knowledge, skills, and competencies in a structured and systematic manner.</p> <p>This approach is rooted in the philosophy of layered learning, where students begin with foundational concepts and gradually progress to more advanced topics. Each level builds upon the learning outcomes of the previous one, thereby ensuring continuity, depth, and academic rigor.</p> <ul style="list-style-type: none"> • Multilevel courses serve multiple purposes: • Reinforcement of foundational knowledge • Progressive development of domain-specific skills • Enhanced academic engagement through scaffolded learning experiences • Preparation for complex engineering problems and real-world applications <p>As students advance through these levels, they gain a comprehensive and integrated understanding of the subject matter. This progression not only supports academic excellence but also equips students with the analytical and technical competencies required for success in professional and research environments.</p>
<p>R 3.16</p>	<p>Programme Electives – Level 3 and Level 5 Courses</p> <p>Under the Programme Electives category in the B. Tech. curriculum, courses are offered at two distinct levels: Level 3 and Level 5, based on</p>

	<p>the cognitive complexity of the learning outcomes aligned with Bloom's Taxonomy.</p> <p>i. Level 3 Courses</p> <p>These courses emphasize the foundational levels of Bloom's taxonomy: Remember, Understand, and Apply. Each course carries 3 credits and involves three hours of classroom instruction per week. The assessment methodology follows the standard procedure used for theory courses, incorporating both Continuous Internal Evaluation (CIE) and End Semester Examination (ESE).</p> <p>ii. Level 5 Courses</p> <p>These courses are designed to develop and assess higher-order cognitive skills, namely: Analyze and Evaluate, in addition to the lower levels. A Level 5 course carries a total of 5 credits, comprising:</p> <ul style="list-style-type: none"> • 3 credits for the Programme Elective component, and • 2 additional credits awarded for self-directed learning aligned with higher-order skills. <p>Instruction includes three hours of classroom teaching per week, supplemented by three hours of self-study weekly. This self-study component is critical to achieving the depth of understanding required at higher cognitive levels.</p> <p>iii. Assessment Strategy for Level 5 Courses</p> <ul style="list-style-type: none"> • Lower-order cognitive skills (Remember, Understand, Apply) are assessed through both CIE and ESE. • Higher-order cognitive skills (Analyze, Evaluate) are assessed exclusively through the CIE component, emphasizing ongoing evaluation of advanced learning outcomes.
<p>R 3.17</p>	<p>Continuous Internal Evaluation (CIE) for Level 5 Courses</p> <p>Level 5 Programme Elective courses include a structured CIE mechanism tailored to assess both foundational and higher-order cognitive skills. The</p>

evaluation framework incorporates a viva component, along with assessment of Bloom's higher taxonomy levels.

Viva Component

- A viva voce examination is mandatory for all Level 5 courses as part of the CIE.
- The viva shall be conducted during the last week of the semester.
- It must involve an external subject expert, who shall be a faculty member from another institution.
- The objective is to assess the students' ability to articulate and defend their understanding and analysis of the subject matter.

There will be only one internal examination for Level 5 courses, with the internal mark distribution as follows:

Attendance	5 marks
Internal Examination	15 marks
Assessment of Bloom's Taxonomy Levels	
<ul style="list-style-type: none"> • Analyze • Evaluate 	<ul style="list-style-type: none"> • 5 marks • 5 marks
Viva	10 marks
Total	40 marks

R 3.18	Students may opt to enrol in any of the Level 3 or Level 5 courses offered by the Department, subject to eligibility criteria and course availability.
R 3.19	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.
R 3.20	Credit Award for Level 5 Courses

	<p>A student registered for a Level 5 course shall be eligible for the award of 2 additional credits (i.e., a total of 5 credits) only if both of the following conditions are satisfied:</p> <p>i) Continuous Internal Evaluation (CIE) Performance:</p> <p>The student must achieve either:</p> <ul style="list-style-type: none"> • A minimum of 80% of the total marks in the CIE component of the course, or • A minimum of 70% marks in the viva component alone. <p>ii) Combined CIE and End Semester Examination (ESE) Grade:</p> <p>The student must secure a minimum overall grade of 'B' when the marks obtained in both the CIE and ESE components are combined.</p> <p>If either of the above conditions is not fulfilled, the student shall be awarded only 3 credits for the course.</p>
<p>R 3.21</p>	<p>There shall be no restriction on the number of students required to enrol for offering a Programme Elective course.</p>
<p>R 3.22</p>	<p>Open Elective Courses (OE)</p> <p>Open Elective Courses are designed to broaden students' academic exposure beyond their core discipline, fostering interdisciplinary learning and diverse skill development.</p> <p>General Guidelines:</p> <p>Students are not permitted to select Open Elective courses offered by their parent department, unless specific conditions (mentioned below) are met. They may choose Open Electives offered by other departments, provided they satisfy the prerequisite requirements, if any.</p> <p>Eligibility Restrictions:</p> <p>Students are prohibited from registering for Open Electives that have more than 30% syllabus content overlap with the courses they are pursuing in their Major, Honours, or Minor programmes.</p>

	<p>Students may select an Open Elective from their parent department only if both of the following conditions are fulfilled:</p> <ul style="list-style-type: none"> • The course title/nomenclature must be different from the courses in their Major or Honours 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>R 3.23</p>	<p>Industry Linked Electives (ILE)</p> <p>Industry Linked Electives (ILE) are specialized courses introduced in the B. Tech. curriculum to bridge the gap between academic learning and real-world industrial applications. These electives are designed to equip students with practical knowledge and industry-relevant skills that align with the current needs and evolving demands of the engineering sector.</p> <p>Key Features:</p> <ul style="list-style-type: none"> • ILE courses are developed in collaboration with industry partners, incorporating input from industry experts and professional organizations. • These courses offer students the flexibility to tailor their education based on specific career goals and technical interests. • ILEs focus on hands-on learning, problem-solving, and exposure to real-world practices in engineering. <p>Eligibility and Guidelines:</p> <ul style="list-style-type: none"> • Students from all branches of engineering are eligible to register for Industry Linked Electives. • However, students are not permitted to register for an ILE if there is more than 30% overlap in syllabus content with courses they are already pursued/pursuing as part of their Major, Honours, or Minor programmes.
<p>R 3.24</p>	<p>OE/ILE Course Selection Verification</p>

	<p>To ensure that students' choices of Open Elective (OE) and Industry Linked Elective (ILE) courses adhere to the academic regulations, a formal verification process is mandated.</p> <p>Scrutiny Committee Constitution:</p> <p>The Scrutiny Committee shall comprise the following members:</p> <ul style="list-style-type: none"> • Student Faculty Advisors (SFAs) • Controller of Examination • Heads of Departments • IQAC Convenor • Dean (Academics) / UG Dean <p>Responsibilities:</p> <ul style="list-style-type: none"> • The Scrutiny Committee shall verify that the OE and ILE course selections made by students are in strict compliance with the stated guidelines. • Any overlap in content beyond the permissible limits, or non-conformity to prerequisites, shall be identified and rectified during this process. <p>Approval Process:</p> <ul style="list-style-type: none"> • The Academic Council shall review and approve the final list of course selections as recommended by the Scrutiny Committee.
<p>R 3.25</p>	<p>Designing and Approval of Industry Linked Electives (ILE)</p> <p>To ensure that Industry Linked Electives (ILE) are relevant, effective, and aligned with industry needs, the following guidelines must be followed for their design and approval:</p> <p>i. Industry Collaboration in Course Design:</p> <p>Departments are authorized to design ILE courses in collaboration with industries, University, government agencies, or professional organizations. The content must reflect current industrial practices, emerging technologies, and real-world applications relevant to the discipline.</p>

ii. Submission of Review Report:

At least two months before the commencement of the semester, the Head of the Department shall submit a comprehensive review report to the Head of Institution. This report must include:

- Course objectives and syllabus
- Anticipated benefits to students
- Details of the industry partner(s)
- MoU copy (if applicable)
- Mode of course delivery and evaluation

iii. Role of Industry Partners:

Industry partners shall play a key role in the formulation of course content and delivery, ensuring that it reflects current industry practices and skill demands.

iv. Faculty Training and Delivery:

The faculty member assigned to deliver the ILE must have received relevant training from the collaborating industry partner. This faculty member, in coordination with the industry expert(s), will be responsible for content delivery, mentoring, and student assessment.

v. Review by Board of Studies (BoS):

The course proposal and syllabus shall be reviewed by the Board of Studies (BoS) of the concerned programme. The BoS shall ensure that the course meets both academic standards and industry expectations. Refinements may be made in consultation with the industry expert member of the BoS.

vi. Approval by Academic Council:

After review and recommendation by the BoS, the course proposal shall be submitted to the Academic Council of the Institution for final approval.

An Industry Linked Elective may be offered only after receiving approval from the Academic Council.

<p>R 3.26</p>	<p>Assessment of Industry Linked Electives (ILE)</p> <p>To ensure the effective and accountable evaluation of Industry Linked Electives, the following guidelines shall be followed:</p> <p>i. Department-Level Assessment Planning:</p> <p>The preparation and execution of the assessment plan for each ILE shall be the responsibility of the concerned department. This includes defining assessment methods, evaluation criteria, and timelines in alignment with course objectives and industry expectations.</p> <p>ii. Document Retention:</p> <p>All documents related to ILE courses — including course plans, assessment rubrics, student submissions, evaluation records, and faculty/industry feedback — must be retained at the department level for a minimum period of two years after the publication of the examination results.</p> <p>iii. Audit and Verification:</p> <p>All ILE-related documents shall be subject to verification by external auditors during academic or accreditation audits. These documents must be produced promptly upon request by the Institution or auditing agency.</p>
<p>R 3.27</p>	<p>Students are not permitted to change the PE and OE/ILE courses chosen in a semester after completing the exam registration in the STC Portal.</p>
<p>R 3.28</p>	<p>Programme Elective (PE) Course Change Policy for Students with ‘FE’ Grade</p> <p>Students who have been assigned an ‘FE’ (Failed due to lack of meeting eligibility criteria) grade in a Programme Elective (PE) course may be permitted to change their elective course under the following conditions:</p> <p>Eligibility for Course Change:</p> <p>A student may request a course change only if the originally registered elective is not being offered to the junior batch in the department.</p> <p>Options Available to the Student:</p>

	<p>i. Alternate Elective Course:</p> <p>The student may register for an alternative elective course that is being offered to the current batch, subject to availability and prerequisites.</p> <p>ii. Continuation of Previously Registered Elective:</p> <p>The student may choose to continue with the originally registered elective, even if it is not being offered to the current batch. In such cases, the department shall make suitable academic arrangements (e.g., self-study support, assignments, assessments) to enable the student to complete the course.</p> <p>Approval Requirement:</p> <p>The Head of the Department (HoD) must obtain prior approval from the Head of the Institution and provide due information to the Dean (Academics) and the Controller of Examinations (CoE) before implementing any elective course change for students with FE status.</p>
<p>R 3.29</p>	<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 both the department and the institution.</p>
<p>R 3.30</p>	<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>
<p>R 3.31</p>	<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</p>

	set of students, making them better prepared to meet the evolving demands of the professional world.
R 3.32	Institution Core (IC) courses are a mandatory set of courses for all B. Tech. students, encompassing foundational courses in Humanities and Skilling. These courses are designed to provide a broad-based education and essential skills that are fundamental to the overall development of engineering students.
R 3.33	Institution Elective (IE) courses are elective courses chosen from a basket of offerings in the Humanities and Social Sciences. These courses allow students to explore areas of interest beyond their core technical education, enriching their overall academic experience.
R 3.34	HMC courses offered in the first year and eighth semester of the B. Tech. curriculum shall be awarded a single credit, irrespective of the number of hours allotted per week.
R 3.35	Maximum Credit Registration in a Semester i. General Credit Limit: The maximum number of credits a student can register for in a semester is limited to 15 credits in excess of the total mandatory credits allotted in the curriculum for that semester.
R 3.36	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.
R 3.37	For Project-Based Learning courses, one project hour 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 students.
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R 3.38	The medium of instruction shall be English. All examinations, project/seminar reports and presentations shall be in English.
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4. Maximum Duration for the Completion of B. Tech. Programme

R 4.1	<p>i. Additional Grace Period:</p> <p>Students who have not completed all required courses and credit requirements within the standard residential duration of four years shall be granted an additional grace period of four semesters to clear their backlogs and complete the programme.</p> <p>ii. Automatic Cancellation of Registration:</p> <p>If a student fails to complete the programme within this extended period, their registration will be automatically cancelled by the Institution. No separate intimation or warning will be issued to the student before cancellation.</p> <p>iii. Access Restrictions Post Programme Duration:</p> <p>Once the maximum permissible duration of the programme ends, students will no longer be able to register for courses or examinations through online STC portal. However, they may still apply to the Institution for:</p> <ul style="list-style-type: none"> • Academic certificates including Transfer Certificate • Result revaluation • Programme cancellation <p>iv. Migration and Certificates:</p> <p>Students may also apply to the University for migration certificates and other relevant official documents.</p>
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5. Academic Mentoring and Student Support

<p>R 5.1</p>	<p>Advisory System: Senior Faculty Advisor (SFA) and Faculty Advisors (FAs)</p> <p>i. Each class shall be assigned a dedicated SFA and multiple FAs to provide focused guidance to students.</p> <p>ii. The Head of the Department (HoD), shall designate a regular faculty member with a minimum of five years teaching experience as the SFA. To ensure optimal attention, an SFA shall be assigned to only one class.</p> <p>iii. Each FA shall be responsible for overseeing the academic progress, well-being, and guidance of up to 20 to 25 students within their assigned class.</p> <p>iv. Faculty members with less than five years of experience may be appointed as SFA only if more experienced faculty members are not available within the department.</p> <p>v. If there are insufficient faculty members to serve as Faculty Advisors (FAs), faculty from Science and Humanities/ allied departments may also be considered for these positions to ensure adequate support and guidance for students.</p> <p>vi. Regular communication with the parents of students regarding progress in academic matters and other general issues shall be the responsibility of the SFA/FA.</p>
<p>R 5.2</p>	<p>The documents concerning all curricular and co-curricular matters of students under an advisory group shall be maintained under the custody of the SFA or FA.</p>
<p>R 5.3</p>	<p>Communication Protocol for Student and Parent Requests:</p> <p>i. Students and parents are required to seek advice, clarifications, and permissions regarding academic matters from their SFA or FA.</p> <p>ii. All requests or applications from individual students or parents to Institution must first be reviewed and recommended by their SFA or FA.</p>

	<p>iii. The Head of the Department is responsible for providing the necessary guidance, clarifications, and advice to students and parents in accordance with the prevailing academic regulations.</p> <p>iv. The SFA shall organize separate or combined meetings with advisors, course faculty, parents, and students to discuss students' academic progress and provide guidance on academic, non-academic, and personal issues.</p>
<p>R 5.4</p>	<p>Course Faculty:</p> <p>Major Responsibilities:</p> <p>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.</p> <p>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.</p> <p>iii. Conduct of Classes: The faculty shall conduct classes according to the Institution Academic Calendar and the teaching/learning time table issued by the Institution.</p> <p>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.</p> <p>v. Evaluation Plan Preparation: The faculty shall develop a detailed evaluation plan that outlines how students' performance will be assessed throughout the course as per the curriculum.</p> <p>vi. Documentation and Communication of Performance: The course faculty is responsible for documenting student performance and ensuring timely communication of results to students, as stipulated by the Institution's regulations.</p>

	<p>vii. Reporting to HoD: The faculty shall report periodically 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.</p>
<p>R 5.5</p>	<p>Class Committee, Course Committee, and Class PTA Meetings</p> <p>i. Class Committee Formation</p> <p>For every class, a Class Committee shall be constituted in the beginning of the semester by the Head of the Department. The composition is as follows:</p> <ul style="list-style-type: none"> • Chairperson: Senior Faculty Advisor • Faculty Members: A senior faculty member from another department (not handling the class) and all Faculty Advisors of the class • Student Members: Not more than eight student representatives, ensuring gender diversity who have no course backlogs. • Course faculty members also be the invitees. <p>ii. Class Committee Meetings</p> <p>The Class Committee shall convene at least two times per semester with the following objectives:</p> <ul style="list-style-type: none"> • To express opinions and provide suggestions for improving the teaching-learning process • To analyze student performance in assessments and address academic concerns • To discuss any non-academic issues related to classrooms, laboratories, or other facilities <p>Meeting Schedule:</p> <ul style="list-style-type: none"> • First Meeting: Within two weeks from the commencement of the semester • Second Meeting: After the first internal examination results are Announced

- Third Meeting (*Without student representatives*): Before the finalization of CIE marks

iii. Course Committee Formation

A Course Committee shall be constituted for every course handled by more than one faculty member.

- If all faculty are from the same department, the Head of the Department shall constitute the committee.
- If faculty from multiple departments are involved, the Dean (Academics) shall constitute the committee.

Composition of course committee:

- Chairperson: A senior faculty member of the department who is an expert in the course
- Faculty Members: All faculty members handling the course

iv. Course Committee Meetings

The Course Committee shall meet at least twice during the semester with the following objectives:

- To interact, provide feedback, and suggest improvements for enhancing the effectiveness of teaching and learning.
- To analyze student performance in assessments and recommend suitable academic interventions if required.

Meeting Schedule:

- First Meeting: Within two weeks from the commencement of the semester.
- Second Meeting: After the announcement of first internal examination results.

v. Class PTA Meetings

Institution may organize class wise Parent-Teacher Association (PTA) Meeting at least once per semester. If in-person meetings are not feasible, the PTA meeting may be conducted in online mode.

	<p>Timing:</p> <p>The meeting should be held after the first internal exam results are published to allow meaningful discussion on:</p> <ul style="list-style-type: none"> • Academic performance • Attendance • Academic and non-academic concerns of students <p>Participants:</p> <ul style="list-style-type: none"> • HoD, Senior Faculty Advisor (SFA), Faculty Advisors (FAs), and subject faculty members • Parents/Guardians of the students <p>Follow-up:</p> <p>Any issues or action points raised during the PTA meeting shall be reported by the SFA and addressed promptly by the concerned faculty, HoD, or the Institution administration.</p>
<p>R 5.6</p>	<p>i. Continuous Internal Evaluation Marks and Attendance Display:</p> <ul style="list-style-type: none"> • CIE marks, course-wise attendance percentages, and activity points shall be displayed on the department notice board for at least two working days before being finalized/recorded. • Any concerns raised by students regarding CIE, attendance, or activity points shall be addressed in class committee meetings. The HoD/Dean (Academics)/Principal shall ensure that proper resolutions are made. <p>ii. Minutes and Action Taken Reports:</p> <ul style="list-style-type: none"> • The SFA shall maintain minutes and action taken reports for all meetings. • These records must be approved by the HoD and be made available to academic auditors.
<p>R 5.7</p>	<p>Maintenance of Student Records:</p>

	<ul style="list-style-type: none"> i. Institution shall use an online solution for maintaining student records. However, the SFA/FA shall maintain a hard copy of the consolidated statement of attendance, internal marks, and activity points for the students in their advisory group. ii. These documents must be kept with the Head of Department (HoD) at all times to ensure they are readily available for any inspections.
R 5.8	<p>Discrimination of Information</p> <ul style="list-style-type: none"> i. The Head of the Institution shall inform all regulations, amendments, guidelines, academic calendars, circulars, announcements, etc., issued by the Institution regarding student academic and other matters to the HoDs and faculty/staff members for their information and timely action. ii. The SFA/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 Institution.
<p>6. Attendance</p>	
R 6.1	<p>Attendance Requirements</p> <ul style="list-style-type: none"> 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. ii. A minimum of 75% attendance is mandatory for each course to be eligible to appear for the end semester examination. iii. Menstrual Leave Attendance Relaxation: A 2% relaxation in attendance shall be granted to eligible girl students as menstrual leave. iv. PWD Attendance Relaxation: A 5% relaxation in attendance shall be granted to students with disabilities (PWD).

	<p>v. The students shall be informed about their attendance status monthly by the department so that the students shall be cautioned to make up the shortage.</p>
<p>R 6.2</p>	<p>Attendance Requirement Relaxation:</p> <ol style="list-style-type: none"> i. Eligibility for Relaxation: In exceptional cases, such as medical reasons or personal emergencies, the Head of the Institution may grant permission for condonation of the shortage of attendance for students if their attendance is less than 75% but greater than or equal to 60%. ii. This relaxation applies to one or more courses registered in the semester. iii. Head of the Department shall keep all records leading to this decision on attendance for verification by Academic Auditors. iv. This provision is applicable only for any two semesters during the normal programme duration. <p>Attendance Condonation Fee:</p> <p>Students shall pay a fee, as fixed by the Institution, for each course to avail the attendance condonation option.</p>
<p>R 6.3</p>	<p>Attendance Relaxation (Duty Leave) for Participation in Official Events:</p> <ol style="list-style-type: none"> i. Head of the Institution is authorized to grant attendance relaxation (duty leave) to students representing the Institution and Zone in officially sponsored competitions, events, championships, or tournaments. ii. Maximum Allowable Relaxation: Attendance relaxation is allowed up to a maximum of 10% for eligible students. iii. Students participating in Intercollege events must produce participation certificates countersigned by the Officer in charge of the event. iv. If a student represents the Zone, they must produce participation certificates from the university officials to claim duty leave. For

	<p>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 or the Dean (Academics).</p> <p>v. Submission Process for Participation Certificates: All participation certificates should be forwarded to the Head of the Institution with recommendations from the Senior Faculty Advisor, Head of the Department and the Dean (Student Affairs) of the Institution. The participation certificates must be submitted within ten 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>
<p>R 6.4</p>	<p>Attendance Relaxation for Organizing Extra/Co-Curricular Activities:</p> <p>i. The Head of the Institution is authorized to grant attendance relaxation (duty leave) to the College Union/University Union members for organizing extra/co-curricular activities, up to a maximum of 10%.</p> <p>ii. 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>iii. For Institution-level activities, the documents should be countersigned by the Dean (Student Affairs).</p> <p>iv. Submission Process for Participation Certificates: All participation certificates should be forwarded to the Head of the Institution with recommendations from the Senior Faculty Advisor, Head of the Department, and the Dean (Student Affairs) of the Institution.</p>

	<p>v. The participation certificates/documents must be submitted within ten 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>
<p>R 6.5</p>	<p>Special Leave</p> <p>i. Special Leave for Participation in International Events: The period of participation in international events, including attendance at coaching or training camps and travel, while representing the University or State or Country with prior approval, shall be considered as special leave.</p> <p>ii. Special Leave for Participation in Inter University Tournaments/ National and International Events:</p> <ul style="list-style-type: none"> • 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. • Prior Permission: Students must obtain prior permission from the Head of the Institution and University Events Coordinator, before participating in the Inter University tournaments/events. • Minimum Attendance Requirement: Special leave will only be sanctioned if the student has a minimum of 50% course-wise attendance for that semester. • 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.

	<ul style="list-style-type: none"> • Record Keeping: The Head of the Department shall maintain all records related to the sanction of special leaves, including participation certificates, for verification by Academic Auditors. • If participation in National or International events, while representing the Institution, University, State or Country, coincides with the End Semester Examinations, the next available examination opportunity shall be considered as the student's first chance.
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7. Assessment

R 7.1	<p>Continuous Internal Evaluation (CIE):</p> <ul style="list-style-type: none"> • CIE shall be conducted based on day-to-day work, periodic tests, assignments, case studies, activities, micro projects, mini projects, multiple choice questions, quiz etc. • The evaluation pattern and weightage for each parameter shall be detailed in the syllabus of each course included in the curriculum. The faculty member(s) assigned to a course shall be responsible for carrying out the Continuous Internal Evaluation (CIE) for that course. <p>i. Internal Written Examinations:</p> <ul style="list-style-type: none"> • The internal written examinations shall be conducted as specified in the syllabus of each course. • The duration of the written examination shall be 2 hours and it shall carry a total of 40 marks. • If there are two written examinations, each test shall cover 50% of the syllabus. • Retests: Retests are permitted for students with valid reasons. They should be conducted immediately after the completion of the second internal examination, with a timetable officially published by the college's examination cell. <p>ii. CIE Marks for Attendance:</p>
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	<ul style="list-style-type: none"> • Full Marks for High Attendance: Full CIE marks for attendance shall be awarded if a candidate has secured 85% attendance or above in the course. • Proportional Reduction for Lower Attendance: If a student has attendance below 85% in a course, a proportional reduction in the attendance marks shall be applied as follows: <ul style="list-style-type: none"> • Above 80% but less than 85% Attendance: 4 Marks • Above 75% but less than 80% Attendance: 3 Marks • Above 70% but less than 75% Attendance: 2 Marks • Above 60% but less than 70% Attendance: 1 Marks • Below 60% Attendance: 0 Marks <p>Duty leave/special leave shall be considered when awarding internal marks for attendance.</p>
R 7.2	<p>End Semester Examinations (ESE):</p> <ol style="list-style-type: none"> i. Examination Schedule: ESE shall be conducted every semester for courses as prescribed under the respective curriculum and syllabus. ii. Class Completion Requirement: Semester classes must be completed at least 5 days before the commencement of the End Semester written examinations.
R 7.3	<p>End Semester Examinations shall be conducted at the end of even and odd semester in accordance with the examination calendar published by Institution.</p> <p>Supplementary Examinations shall be conducted as per the schedule notified by the Institution to enable students to clear their backlogs.</p>
R 7.4	<p>Candidates in each semester shall be evaluated both by Continuous Internal Evaluation (CIE) and End Semester Examinations (ESE). Unless specifically mentioned in the curriculum, the ratio of Continuous Internal Evaluation (CIE) to End Semester Examinations (ESE) shall be as follows:</p>

	<ol style="list-style-type: none"> 1. Theory Courses - 2: 3 2. PBL Courses - 3: 2 3. HMC Courses - 1: 1 4. Laboratory Courses - 1: 1 5. Mini Project - 1: 1 6. Project - CIE only 7. Internship - CIE only 8. Seminar - CIE only <p>The evaluation scheme for theory courses, theory and lab-embedded courses, lab courses, seminars, mini projects, projects, and health and wellness courses shall be clearly outlined and published in the syllabus of each programme.</p>
<p>R 7.5</p>	<p>Self-Study/Self-Learning Option for students undergoing Internship (S7 & S8):</p> <ol style="list-style-type: none"> i. Students undertaking internships in Semester 7 or 8 may opt for a self-study/selflearning mode instead of attending regular classes or MOOC courses. ii. The evaluation for self-study courses will be conducted in a similar manner as for regular theory courses. iii. The attendance percentage accrued during the internship period will be considered equivalent to class attendance for all courses. 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. v. The registration, examination etc. will be as per academic/Examination calendar. 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.

<p>R 7.6</p>	<p>Submission and Resolution of Complaints Regarding Continuous Internal Evaluation Marks:</p> <p>The CIE 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"> i. Submission of Complaints or Grievance: Any grievances or concerns regarding the published CIE marks must be submitted by the students individually to the faculty handling the course, as well as to the Senior Faculty Advisor, within two days of the publication of marks. ii. Resolution Process: The Head of Department and Dean (Academics) shall ensure that genuine complaints are promptly addressed and resolved.
<p>R 7.7</p>	<p>Students registered for a course shall attend the course regularly, complete the Continuous Internal Evaluation, and, if eligible, appear for the End Semester Examinations.</p> <p>Eligibility for End Semester Examination (ESE)</p> <p>To be eligible to appear for the End Semester Examination in any course, students must satisfy the following criteria:</p> <p>Attendance Requirement</p> <ul style="list-style-type: none"> • A minimum of 75% attendance is required in each course. • The following relaxations are applicable: <ul style="list-style-type: none"> • Menstrual Leave: Eligible students shall be granted a 2% relaxation, reducing the required attendance to 73%. • Persons with Disabilities (PWD): Students with disabilities shall be granted a 5% relaxation, reducing the required attendance to 70%. • Condonation: Students with attendance between 60% and the 75% may apply for condonation, subject to the provisions and conditions specified in the Examination Manual.

	<p>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.</p>
R 7.8	<p>Registration for Courses with "FE" Grade</p> <p>Students awarded an "FE" grade must register for the courses during the semesters in which the courses are normally offered by providing learning support and may engaging classes other than the regular working hours. However, students may register for "FE" courses from any semester, provided those courses are offered.</p> <p>Registration for Trailing "FE" Courses:</p> <p>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> <ol style="list-style-type: none"> 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. ii. Credit Limit Exemption: Trailing students may register for "FE" courses from any semester without being subject to the credit limit specified in R 3.34, provided the courses are offered by the Institution during the registration period.
R 7.9	<p>Syllabus Change (FE Students Re-registering a Course):</p> <p>If there is any change in the syllabus as per regulation R 3.9, FE students who are re- registering for the course must undergo the new syllabus currently being offered.</p>
R 7.10	<p>Pass Criteria for Courses:</p> <ol style="list-style-type: none"> i. The pass minimum for a course shall be 40% in the End Semester Examination (ESE) and 50% in the combined score of

	<p>Continuous Internal Evaluation (CIE) and End Semester Examination (ESE).</p> <p>ii. Failing Grade: A letter grade 'F' will be awarded to a student if the overall mark (CIE + ESE) is below 50% or if the End Semester Examination (ESE) mark is below 40%.</p> <p>iii. Courses Assessed Solely through CIE: For courses that are assessed solely through CIE, the pass minimum shall be 50%.</p>												
R 7.11	<p>Awarding of FE Grade for CIE-Only Courses:</p> <p>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.</p>												
R 7.12	<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>												
R 7.13	<p>Grading and Grade Card Information:</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 7.17.</p> <p>ii. 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>												
R 7.14	<table border="1"> <thead> <tr> <th colspan="3">Grade and Grade Points</th> </tr> <tr> <th>Grades</th> <th>Grade Point (GP)</th> <th>% of Total Marks Obtained in the Course</th> </tr> </thead> <tbody> <tr> <td>S</td> <td>10</td> <td>90% and above</td> </tr> <tr> <td>A⁺</td> <td>9</td> <td>85% and above but less than 90%</td> </tr> </tbody> </table>	Grade and Grade Points			Grades	Grade Point (GP)	% of Total Marks Obtained in the Course	S	10	90% and above	A ⁺	9	85% and above but less than 90%
Grade and Grade Points													
Grades	Grade Point (GP)	% of Total Marks Obtained in the Course											
S	10	90% and above											
A ⁺	9	85% and above but less than 90%											

	A	8.5	80% and above but less than 85%
	B ⁺	8	75% and above but less than 80%
	B	7.5	70% and above but less than 75%
	C ⁺	7	65% and above but less than 70%
	C	6.5	60% and above but less than 65%
	D	6	55% and above but less than 60%
	P (Pass)	5.5	50% and above but less than 55%
	F (Fail)	0	Below 50% overall (CIE + 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 CIE 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 (without any history of arrears (backlog) in any semesters)
	First Class		CGPA greater than or equal to 6.5 and below 8.0 and Candidates securing a CGPA of 8.0 and above with a history of arrears
Equivalent Percentage Mark shall be = 10 * CGPA			

<p>R 7.15</p>	<p>Successful Course Completion and Credit Earned:</p> <ul style="list-style-type: none"> 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. 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.
<p>R 7.16</p>	<p>Semester Grade Cards and Consolidated Grade Card (CGC):</p> <ul style="list-style-type: none"> i. A Semester Grade Card shall be issued to each eligible student at the end of each semester, and a CGC will be issued at the end of the programme. ii. Grade cards for registered courses will be made available in the student's login portal at the end of each semester. 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. 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. v. The 'F', 'FE', and 'Ab' grades obtained by a student will be removed from the grade card once the course is successfully completed. vi. Upon earning the required credits for the degree, the Institution shall issue a final Consolidated Grade Card for the B.Tech. programme. vii. The CGC will include the Cumulative Grade Point Average and reflect the overall performance of the student in all semesters

	<p>since joining the programme. Additionally, the month and year of programme completion will also be included in the CGC.</p> <p>viii. The CGC shall be issued to students upon request and payment of the prescribed fee.</p>
<p>R 7.17</p>	<p>CGPA Certificate and CGPA Calculation Statement:</p> <p>i. CGPA Certificate:</p> <ul style="list-style-type: none"> • A CGPA certificate, reflecting the current Cumulative Grade Point Average of a student, will be issued upon formal request. • The CGPA displayed on the certificate will be the most up-to-date value as of the date of issuance. <p>ii. CGPA Calculation Statement:</p> <ul style="list-style-type: none"> • 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. <p>iii. Fee Payment:</p> <ul style="list-style-type: none"> • To obtain either the CGPA Certificate or CGPA Calculation Statement, the student must pay the prescribed fee, as determined by the Institution.
<p>R 7.18</p>	<p>Official Transcripts (OT):</p> <p>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 only if the student has no backlogs.</p> <p>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).</p> <p>iii. The Official Transcript issued before eight semester will include the grade card information for all semesters that the student has successfully completed up to the date of issuance.</p>

	<p>Inclusion of Honours and Minor Credits in Consolidated Grade Card/ Official Transcripts:</p> <ul style="list-style-type: none"> 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. 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.
<p>R 7.19</p>	<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> <ul style="list-style-type: none"> 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. 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.
<p>R 7.20</p>	<p>Position Certificate for Top 5% Students:</p> <p>The Institution shall issue a Position Certificate to the top 5% 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>

	<ul style="list-style-type: none"> i. Students with any history of 'F', 'FE', or 'Ab' grades are not eligible for the Position Certificate. ii. Only students who have completed their degree requirements within the normal programme duration are eligible. iii. The certificate will be issued only after three months from the announcement of the semester 8 results. 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. v. Any disciplinary action during the course of the programme will disqualify a student from receiving the position certificate. <p>The Institution reserves the right to amend the policy or criteria for issuing position certificates, subject to changes in academic regulations or other governing factors.</p>				
R 7.21	<p>Grade Improvement:</p> <p>Students are permitted to improve the grades of a passed or successfully completed courses in the next immediate chance.</p>				
R 7.22	<p>Minimum Cumulative Credit Requirements for Registering to Higher Semesters:</p> <p>Students must meet the following minimum cumulative credit requirements to be eligible for registration in higher semesters.</p>				
	Total Credits Allocated in the Curriculum	Cumulative Credits	Minimum Cumulative Credits required for Regular B. Tech. Students	Minimum Cumulative Credits required for B. Tech. Lateral Entry Students	
First	20	20	Not Applicable	Not Applicable	

	Second	24	44	Not Insisted	Not Applicable
	Third	25	69	Not Insisted	Not Applicable
	Fourth	24	93	Not Insisted	Not Insisted
	Fifth	23	116	18 Credits from S1 & S2	Not Insisted
	Sixth	23	139	Not Insisted	Not Insisted
	Seventh	17	156	37 Credits from S1 to S4	15 Credits from S3 and S4
	Eight	11	167	Not Insisted	Not Insisted

R 7.23	<p>Mandatory Course and Examination Registration:</p> <ul style="list-style-type: none"> i. All students are required to register for the prescribed credits in each regular semester unless they are on authorized leave from the institute. ii. Course Registration and Exam Registration, as per the prescribed dates announced in the Academic Calendar, are mandatory for every student. 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 enrol in the next higher semester.
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R 7.24	<p>Minimum Attendance Requirement for Semester Advancement:</p> <ul style="list-style-type: none"> 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. ii. There shall not be any restriction for promotion from an odd semester to the next even semester, provided the student has
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	fulfilled the minimum attendance requirement and Regulation 7.27 (iii)
R 7.25	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 Institution Examination Manual.
R 7.26	<p>CCTV Surveillance for End Semester Examinations:</p> <ul style="list-style-type: none"> i. All End Semester Examinations (ESE) shall be conducted under CCTV camera surveillance to maintain the integrity and security of the examination process. ii. The Head of the Institution is responsible for ensuring that all video recordings and footage are securely stored at the Institution for a minimum period of one month. In cases where an instance of malpractice is reported, the relevant footage shall be retained until one month has elapsed or the case is fully resolved, whichever is later. These recordings must remain readily accessible for review by authorized personnel when required.

8. Challenge Courses

Challenge courses, also referred to as "Challenge Exams" or "Credit by Examination courses," are an integral component of the STC B. Tech. 2025 curriculum, designed to offer students the opportunity to demonstrate their knowledge and competency in specific courses without undergoing the conventional Continuous Internal Evaluation process. This approach is aligned with the principles of "Recognition of Prior Learning" (RPL) or "Prior Learning Assessment and Recognition" (PLAR), which acknowledge the skills, knowledge, and experiences individuals have gained outside formal educational settings.

R 8.1	<p>Eligible Courses:</p> <p>The courses eligible for challenge examinations shall be clearly specified in the curriculum.</p> <p>Students may choose to attempt challenge courses listed in higher semesters during a lower semester, in accordance with the table provided in the curriculum.</p>
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<p>R 8.2</p>	<p>Registration Limit:</p> <p>Students are permitted to register for challenge examinations for a maximum of 20 credits throughout the duration of the programme.</p>
<p>R 8.3</p>	<p>Exam Registration and Schedule for Challenge Courses:</p> <p>The Institution shall publish the dates for exam registration and the examination schedule for Challenge courses in each semester. These dates will be communicated in advance to ensure that students have sufficient time to register for the challenge examinations and prepare accordingly.</p>
<p>R 8.4</p>	<p>Exemption from Continuous Internal Evaluation:</p> <ul style="list-style-type: none"> i. Students registered for a challenge exam are exempted from Continuous Internal Evaluation and will be assessed solely through the End Semester Examination. ii. Grades will be awarded entirely based on the percentage of marks scored in the ESE, but no grade points will be awarded.
<p>R 8.5</p>	<p>Eligibility Condition to Pass a Challenge Course:</p> <ul style="list-style-type: none"> i. If a student opts to attempt a challenge course from a lower semester, they must register and appear for the End Semester Examination scheduled by the Institution for that course. ii. To be eligible to pass and earn the credit specified for that course, the student must secure a minimum grade of 'C'.
<p>R 8.6</p>	<ul style="list-style-type: none"> i. Students are required to attend classes for the course in the higher semester if the results of the challenge examinations are not published by the Institution. ii. If the students pass the challenge examination upon the release of results, they will not be required to continue attending the course with their classmates.
<p>R 8.7</p>	<p>Failure and Re-Take Policy:</p>

	Students who fail to achieve the minimum passing grade or do not attend the exams on the scheduled date will not be allowed to re-take the Challenge exam for that course. However, they may register for the remaining non-challenged courses listed in the challenge course table.				
R 8.8	<p>Course and Exam Registration After Failing Challenge Examinations:</p> <p>Students who fail the challenge examinations are permitted to register for the failed courses in regular semesters along with other students as a normal course.</p>				
R 8.9	Credits earned for challenge courses shall not be considered for calculating the SGPA/CGPA.				
R 8.10	Grace Marks shall not be awarded for challenge courses.				
R 8.11	Eligible Challenge Courses and Semester Availability				
Sl No.	Semester	Course Type	Course Title	Credits	Preceding Semester from where the Challenge courses can be taken
1	S2	BSC	Group Specific Mathematics-2	3	S1
2	S2	BSC	Physics for Engineers	4	S1
			Chemistry for Engineers		
3	S2	ESC	Programming in C (Group A, B)	4	S1
4	S3	BSC	Group Specific Mathematics-3	3	S2

5	S4	BSC	Group Specific Mathematics-4	3	S3
6	S7	OE/PE	One OE and Two Level-3 PE Courses	3 (Credit/Course)	S5/S6
7	S7	HMC	Elective	2	S4/S5/S6
8	S8	OE/PE	One OE and One Level-3 PE Courses	3 (Credit/Course)	S5/S6/S7
9	S8	HMC	Organizational Behaviour and Business Communication	1	S4/S5/S6/S7

9. Calculation of SGPA/CGPA

Semester Grade Point Average (SGPA)

The SGPA earned by a student is a quantitative indication of the student's performance in a semester.

The SGPA is the weighted average of the grade points obtained in all the courses registered by the student in the current semester. SGPA Calculation:

For each course registered, the grade points earned are multiplied by the credits for that course.

R 9.1

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.

$$SGPA = \frac{\sum_{i=1}^n (C_i \times GP_i)}{\sum_{i=1}^n C_i}$$

Where:

- n is the number of courses in the semester.
- 'C_i' is the credit assigned for the ith course.
- GP_i is the grade point earned in the ith course.

	<ul style="list-style-type: none"> • The calculation includes all grades, including 'F', 'Ab', and 'FE' grade courses. • 'F', 'Ab', or 'FE' grades are assigned a grade point of 0
<p>R 9.2</p>	<p>Cumulative Grade Point Average (CGPA)</p> <ul style="list-style-type: none"> • The CGPA indicates the overall performance of a student from the time of joining the programme to a specific semester. • 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. <p>CGPA Calculation:</p> $CGPA = \frac{\sum_{i=1}^m (C_i \times GP_i)}{\sum_{i=1}^m C_i}$ <p>Where:</p> <ul style="list-style-type: none"> • m is the total number of courses considered in the CGPA calculation. • 'C_i' is the credit assigned for the ith course and 'GP_i' is the grade point for that course. • The summation is done for all courses specified in the curriculum up to the semester for which the CGPA is being calculated. • The calculation includes all grades, including 'F', 'Ab', and 'FE' grade.
<p>R 9.3</p>	<p>CGPA Calculation for Students Admitted under the Lateral Entry Scheme:</p> <ol style="list-style-type: none"> For students admitted under the lateral entry scheme, credits for the first and second semester courses shall not be included in the calculation of CGPA. The Consolidated Grade Card and Official Transcript for B. Tech. lateral entry students shall include the statement: "A total of 44 credits have been awarded based on the credits earned from the qualifying Diploma/Degree Programme."

<p>R 9.4</p>	<p>i. Non-Computable Courses for SGPA and CGPA:</p> <ul style="list-style-type: none"> • Courses that are not considered for the computation of SGPA and CGPA shall be explicitly listed in the curriculum. <p>i. Exclusion of Minor, Honours, and Challenge Examinations.</p> <ul style="list-style-type: none"> • 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>R 9.5</p>	<p>GPA and CGPA shall be calculated to two decimal places.</p>
<p>R 9.6</p>	<p>Percentage Equivalent of CGPA:</p> <p>The percentage equivalent of a CGPA is calculated by multiplying the CGPA by 10.</p> <p>Example:</p> <p>A CGPA of 8.95 is considered equivalent to 89.5% ($8.95 \times 10 = 89.5\%$).</p>
<p align="center">10. Activity Credits Requirement for B. Tech. Students</p>	
<p>R 10.1</p>	<ul style="list-style-type: none"> • A student must earn 3 credits by actively participating in co-curricular and extra-curricular activities, in accordance with the guidelines issued by the Institution from time to time. The required activity points must be earned from 3 designated groups, as specified in the B. Tech. curriculum. • 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. • B. Tech. lateral entry students are required to acquire a minimum of 90 activity points, with at least 30 points earned from each designated group, to obtain the 3 activity credits mandated by the curriculum.

	<ul style="list-style-type: none"> Students are required to maintain a file containing documentary proof of the activities they have participated in, attested by the Senior Faculty Advisor or Faculty Advisor.
11. Eligibility for B. Tech. Degree	
R 11.1	<p>A student shall be eligible for the award of a B. Tech. Degree from the University upon satisfying the following requirements:</p> <ul style="list-style-type: none"> Fulfilled all the curriculum requirements within the stipulated duration of the programme. Minimum CGPA and Credits: Must have a minimum CGPA of 5.0 and should have minimum 160 credits including 3 credits from Activity Points. Disciplinary Record: No pending disciplinary actions. No institutional dues.
R 11.2	<p>The Provisional Certificate, Consolidated Grade Card, and semester grade card shall be issued by the institution. The Degree certificate shall be issued by the University.</p>
12. Break of Study	
R 12.1	<p>A student is permitted to avail break of study under the following circumstances:</p> <p>Medical Reasons:</p> <ul style="list-style-type: none"> In case of an accident or serious illness requiring prolonged hospitalization and rest. 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. Before rejoining, the student must provide a fitness certificate from the treating doctor. <p>Start-up Venture or Product Development:</p>

	<ul style="list-style-type: none"> • If the student has a viable idea for a start-up venture or product development. • The student must submit a project report to the Head of the Institution, detailing the purpose, action plan, technical details, funding details, and future plans. • The Head of the Institution shall evaluate the proposal by forming an expert team consisting of a technocrat and a bank executive and make a decision based on the team's recommendations. • Break of study for a start-up is allowed only after the 4th semester. <p>Taking up a Fellowship in Foreign University/National and International Industry:</p> <ul style="list-style-type: none"> • If the student is taking up a fellowship at a foreign university, an institute of national importance, or in a national or international industry. • The student must provide relevant documentation of the fellowship offer, including the duration and nature of the fellowship. • Approval for the break of study shall be granted based on the fellowship's academic and professional value, as assessed by the Head of the Institution, after obtaining recommendations from the IQAC and the HoD Council. <p>Personal Reasons:</p> <ul style="list-style-type: none"> • 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>R 12.2</p>	<p>Procedure for Break of Study Approval:</p> <ul style="list-style-type: none"> • The concerned HoD shall upload the request received from the students for break of study and relevant documents to the institution portal for final approval, along with their recommendations.

	<ul style="list-style-type: none"> The break of study will take effect only after receiving final approval from the Institution.
R 12.3	<p>Duration of Break of Study:</p> <ul style="list-style-type: none"> The normal duration for a break of study is 1 year. In exceptional situations, Break of Study is permitted for a maximum duration of two years.
R 12.4	<p>Break of Study After Examination Eligibility Entry:</p> <p>Institution shall not be permitted to mark a break of study for a student in a specific semester once the examination eligibility details for that semester have been entered on the institution portal. Students in this situation shall only be permitted to mark break of study in the next immediate semester.</p>
R 12.5	<p>During the break of study period, students are required to adhere to the following guidelines:</p> <ul style="list-style-type: none"> Students are not permitted to attend any regular classes offered by the Institution during the break of study period. Students are also not permitted to represent the Institution or University in any technical or non-technical events during the break of study period. Students are not allowed to participate in any Institute-level activities or events held on campus during their break of study. Sanction will be permitted only if no dues certificate is submitted
R 12.6	<p>Examination Eligibility:</p> <p>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>
R 12.7	<p>If a student is debarred/suspended for disciplinary reasons, it will not be considered as a break of study.</p>
R 12.8	<p>Classification of Student Status Post-Break of Study:</p>

	If a student does not rejoin the Institution after the permitted break of study duration and fails to communicate their status, they will be treated as being under "Uninformed Long Absence".
13. Uninformed Long Absence	
R 13.1	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 the Institution.
R 13.2	<ol style="list-style-type: none"> i. The Head of the 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. ii. This communication should be delivered via registered letter and email.
R 13.3	<ol style="list-style-type: none"> i. The proof submitted by the Head of the 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). ii. These documents shall be uploaded to the Institution portal by the Head of the Department when marking a student as having an 'Uninformed Long Absence'.
R 13.4	Students designated as being in uninformed long absence shall not be eligible for promotion to the next semester alongside their peers.
R 13.5	<p>Rejoining After Uninformed Long Absence:</p> <ul style="list-style-type: none"> • 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' on STC portal.

	<ul style="list-style-type: none"> 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.
R 13.6	<p>Rejoining Fee:</p> <p>A rejoining fee, as fixed by the Institution, shall be collected from the student upon approval of their rejoining request.</p>
R 13.7	<p>Removal from Roll List:</p> <ul style="list-style-type: none"> If students do not rejoin the Institute within the time limit specified in Regulation R 13.05, the Institution will remove their names from the roll list A cancellation 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 Institution.
<p>14. Minor in Engineering</p>	
<p>The B. Tech. (Minor) is an extension of the Bachelor of Technology degree, allowing students to pursue additional courses in a discipline outside of their primary field of study. This option provides an opportunity for students to gain expertise in a secondary area, thereby broadening their knowledge base and enhancing their qualifications in multidisciplinary fields. By completing the minor, students can diversify their skill set and open up additional career paths that require a broader understanding of multiple disciplines.</p>	
R 14.1	<ol style="list-style-type: none"> Types of Minors: Minors can be offered in specialized areas, on a branch-wise basis, or as Industry-Linked Minors (ILM). Minors in specialized areas and industry-linked minors can be offered by a single department or in collaboration with two or more departments.

	<p>iii. Curriculum and the syllabus of the minors shall be approved by the Board of studies and the Academic Council.</p>
R 14.2	<p>Industry Linked Minors (ILM) offered by the Institution:</p> <p>i. The Board of Studies of the department, in collaboration with industry partners/Government agencies and Organizations, shall be responsible for designing the syllabi for Industry Linked Minors.</p> <p>ii. The industry will play a pivotal role in designing the course content, delivering the course, and assessing the outcomes.</p> <p>iii. A faculty member of the college assigned to deliver the content for an Industry Linked Minor 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.</p>
R 14.3	<p>Registration for Minor in Engineering:</p> <p>i. All B. Tech. students shall be eligible to register for Minor in Engineering.</p> <p>ii. Registration for a Minor is permitted at the beginning of the third semester.</p> <p>iii. A student can opt for only one minor specialization. Once a Minor specialization is registered, it cannot be changed.</p>
R 14.4	<p>Minor Registration Restrictions:</p> <p>i. Students are generally not allowed to register for minors offered by their parent branches.</p> <p>ii. Additionally, students are prohibited from opting for minor courses if there is more than 30% syllabus content overlap between courses listed in the major and minor programmes.</p>
	<p>In exceptional cases, students may select a minor offered by their parent department if both of the following conditions are met:</p>

<p>R 14.5</p>	<p>i. Course Nomenclature: The course nomenclature differs significantly from the courses in their Major and Honours programs.</p> <p>ii. Syllabus Content Difference: There must be at least a 70% difference in syllabus content compared to the courses they are taking in their Major and Honours programmes.</p> <p>The Board of Studies shall provide the details of branches of students eligible to opt for a Minor programme offered by a department or departments.</p>
<p>R 14.6</p>	<p>Minor Programme Selection Verification:</p> <p>A scrutiny committee, consisting of the Senior Faculty Advisors (SFAs), Heads of Departments, IQAC Convenor, and the Dean (Academics)/UG Dean, shall verify that the Minor programme selected by students complies with the guidelines R 15.03 to R 15.06.</p>
<p>R 14.7</p>	<p>i. Credit Requirement for Minor:</p> <p>The student shall earn an additional 15 credits to be eligible for the award of a B. Tech. degree with a Minor.</p> <p>ii. Minor Course Distribution:</p> <p>The distribution of courses for the B. Tech. (Minor) programme is structured to ensure a balanced and comprehensive acquisition of knowledge in the chosen minor discipline. The minor courses and credits are allocated across four semesters to progressively build the student's expertise:</p> <ul style="list-style-type: none"> • Semester 3: 4 Credits • Semester 4: 4 Credits • Semester 5: 4 Credits • Semester 6: 3 Credits

R 14.8	Out of the 15 credits required for a Minor, 7 to 8 credits shall be earned by undergoing a minimum of two theory courses listed in the curriculum for the Minor. The remaining credits can be acquired by:
	<ul style="list-style-type: none"> i. Undergoing 2 MOOCs recommended by the Board of Studies and approved by the Academic Council, or ii. Completing theory courses listed in the minor curriculum, or iii. A combination of MOOC and theory course listed in the Minor curriculum.
R 14.9	The MOOC course shall have a minimum duration of 8 weeks.
R 14.10	<p>Assessment and Credit Earning for Courses and MOOCs</p> <ul style="list-style-type: none"> i. Assessment of Regular Courses: <ul style="list-style-type: none"> • The assessment of courses, other than MOOCs are based on the guidelines and assessment methods explained in the syllabus of the minor course. ii. Assessment and Certification of MOOCs <ul style="list-style-type: none"> • The assessment and certification of MOOCs shall adhere to the prescribed norms set by the respective MOOC platforms. • Candidates must present the certificate issued by the MOOC conducting agency as proof of credit attainment. • This certificate must be submitted within the normal programme duration, in accordance with the guidelines issued by the university.

<p style="text-align: center;">R 14.11</p>	<p style="text-align: center;">Registration and Examination for Minor Theory Courses</p> <p>i. Mandatory Registration:</p> <ul style="list-style-type: none"> • Registration for theory courses listed in the 3rd and 4th semesters of the Minor curriculum is mandatory. • If students do not opt to complete MOOC courses, they must also register for the theory courses listed in the higher semesters. <p>ii. Revaluation:</p> <ul style="list-style-type: none"> • Revaluation will be permitted for any of the theory courses in the Minor curriculum. <p>iii. No Supplementary Examinations:</p> <ul style="list-style-type: none"> • There shall not be any supplementary examinations for the theory courses listed in the Minor curriculum.
	<p>iv. Failure and Alternative Options:</p> <ul style="list-style-type: none"> • If a student fails in any of the theory courses, they shall be permitted to register for the alternate MOOC course specified in the Minor curriculum. • However, the student must pass a minimum of two theory courses listed in the Minor curriculum to be eligible for the award of a B. Tech. degree with a Minor <p>v. Absence and Attendance Eligibility for Minor Courses:</p> <ul style="list-style-type: none"> • If a student does not attend the End Semester Examination for Minor courses, an "F" Grade will be awarded, irrespective of the reasons for absence. • Students who fail to meet the minimum attendance eligibility requirement to appear for the ESE shall also be awarded an "F" Grade instead of an "FE" Grade.

R 14.12	<p>Completion Requirement for Minor:</p> <p>i. If a student does not achieve the mandatory 15 credits as specified in the Minor Degree curriculum and in accordance with Regulations R 15.08 to R 15.11 within the standard four-year programme duration, the Minor will not be awarded.</p> <p>ii. If a student who has registered for a minor programme does not become eligible for the Minor degree, the credits for the completed Minor courses shall be reflected in the Consolidated Grade Card but will not be included in the SGPA and CGPA calculations.</p>
R 14.13	Grace Marks shall not be awarded for Minor courses.
R 14.14	The additional credits earned for B. Tech. Minor courses shall not be considered for calculating the SGPA/CGPA.
R 14.15	Credits earned in the Minor programme shall not be transferable to the regular B.Tech. programme, and credits from the regular B.Tech. programme shall not be transferable to the Minor programme.
	<p>Upon completion of the programme, students will be awarded a degree stating, “Bachelor of Technology in [Major] with Minor in [Minor].”</p> <p>The consolidated grade card will reflect this information, including a list of the courses taken for the Minor.</p>

15. B. Tech. (Honours)

The B. Tech. (Honours) is an enhanced version of the Bachelor of Technology degree, offering students the opportunity to undertake additional courses within their own discipline. This pathway allows students to deepen their knowledge in emerging or advanced areas of engineering relevant to their field of study, providing a stronger foundation for specialized career paths or further academic pursuits.

For the award of Honours to B. Tech. students, all requirements for both the basic degree and the Honours must be completed within the normal period of the programme for which the student is registered.

<p>R 15.1</p>	<p>Eligibility and Qualification for B. Tech. (Honours):</p> <ul style="list-style-type: none"> • All B. Tech. students are eligible to register for B. Tech. (Honours). • The B. Tech. (Honours) registration shall be along with the registration of the 4th semester. • However, to qualify for the award of B. Tech. (Honours), students must achieve a CGPA of 8 or higher at the end of the eighth semester and meet the specific academic requirements outlined in Regulation, R 16.08.
<p>R 15.2</p>	<p>Credit Requirement and Course Distribution for B. Tech. (Honours) Degree</p> <p>i. Credit Requirement:</p> <p>The student shall earn additional 15 credits to be eligible for the award of B. Tech. (Honours) Degree.</p> <p>ii. Course Distribution:</p>
	<p>15 credits are distributed across four semesters to ensure a structured and progressive acquisition of knowledge in the Honours discipline.</p> <ul style="list-style-type: none"> • Semester 4: 4 Credits • Semester 5: 4 Credits • Semester 6: 4 Credits • Semester 7: 3 Credits

<p>R 15.3</p>	<p>Out of the 15 credits required for an Honours degree, 4 credits must be earned by completing the first theory course listed in the Honours curriculum.</p> <p>The remaining 11 credits can be acquired by:</p> <ol style="list-style-type: none"> i. Completing MOOCs recommended by the Board of Studies and approved by the Academic Council, or ii. Completing theory courses listed in the Honours curriculum, or iii. A combination of MOOCs and theory courses listed in the Honours curriculum, <p style="text-align: center;">or</p> <ol style="list-style-type: none"> iv. Additional credits (2 credits per Level 5 course) acquired by successfully completing Level 5 elective courses listed in the elective baskets from semester 4 to semester 8, or v. A combination of MOOCs, theory courses listed in the Honours curriculum and additional credits (2 credits per Level 5 course) acquired by successfully completing Level 5 elective courses listed in the elective baskets from semester 4 to semester 8
<p>R 15.4</p>	<p>The MOOC course shall have a minimum duration of 8 weeks.</p>
<p>R 15.5</p>	<p>Assessment and Credit Earning for Courses and MOOCs</p> <ol style="list-style-type: none"> i. Assessment of Regular Courses: <p>The assessment of courses, other than MOOCs, are based on the guidelines and assessment methods explained in the syllabus of the minor course.</p> <ol style="list-style-type: none"> i. Assessment and Certification of MOOCs
	<ul style="list-style-type: none"> • The assessment and certification of MOOCs shall adhere to the prescribed norms set by the respective MOOC platforms. • Candidates must present the certificate issued by the MOOC conducting agency as proof of credit attainment. • This certificate must be submitted within the normal programme duration, in accordance with the guidelines issued by the university.

<p>R 15.6</p>	<p>Registration and Examination for Honours Theory Courses</p> <p>i. Mandatory Registration:</p> <ul style="list-style-type: none"> • Registration for theory course listed in the 4th semester of the Honours curriculum is mandatory. • If students do not opt to complete MOOC courses, they must also register for the theory courses listed in the higher semesters. <p>ii. Revaluation:</p> <ul style="list-style-type: none"> • Revaluation will be permitted for any of the theory courses in the Honours curriculum. <p>iii. No Supplementary Examinations:</p> <ul style="list-style-type: none"> • There shall not be any supplementary examinations for the theory courses listed in the Honours curriculum. <p>iv. Absence and Attendance Eligibility for Honours Courses:</p> <ul style="list-style-type: none"> • If a student does not attend the End Semester Examination (ESE) for Honours courses, an "F" Grade will be awarded, irrespective of the reasons for absence. <p>Students who fail to meet the minimum attendance eligibility requirement to appear for the ESE shall also be awarded an "F" Grade instead of an "FE" Grade.</p>
<p>R 15.7</p>	<p>If a student fails in any course, including the course chosen for B. Tech. (Honours), he/she shall not be eligible to continue the B. Tech. (Honours).</p>

	<p>Conferment of "Bachelor of Technology (Honours)"</p> <p>The "Bachelor of Technology (Honours) in [Major]" will be conferred upon students if they satisfy all the following conditions:</p> <ol style="list-style-type: none"> i. CGPA Requirement <ul style="list-style-type: none"> • The CGPA at the end of the eighth semester shall be greater than or equal to 8.0. ii. Course Completion <ul style="list-style-type: none"> • The student must earn a grade of 'C' or above in the Honours course offered in the fourth semester and obtain the remaining 11 credits as per the options given in regulation R 16.03. iii. Grade History: <ul style="list-style-type: none"> • There must be no record of 'F' or 'FE' grades in the courses chosen for the Honours and Major programme from Semester 1 to Semester 8. iv. Programme Duration <p>All academic requirements for the award of the Honours degree must be completed within the normal programme duration of 4 years.</p>
R 15.8	Grace Marks shall not be awarded for Honours courses.
R 15.9	If a student who has registered for an Honours programme does not become eligible for the Honours degree, the credits for the completed Honours courses shall be reflected in the Consolidated Grade Card but will not be included in the SGPA and CGPA calculations. However, the Honours credits will be considered for SGPA and CGPA calculations if the B. Tech. degree is awarded as per Regulation R 3.3 - Credit Consideration for B. Tech. Degree Award.
R 15.10	Awarding Honours and Minor Degree:

	A student who successfully completes the eligibility requirements for both the Honours and Minor programmes will be awarded a degree stating, “Bachelor of Technology (Honours) in [Major] with Minor in [Minor].”
16. Massive Open Online Course (MOOC)	
R 16.1	The MOOC shall be considered valid only if it is conducted by agencies such as AICTE, NPTEL, SWAYAM, NITTTR, or other agencies approved by the Academic council of the institution.
R 16.2	The MOOC should have a minimum duration of 8 weeks.
R 16.3	The course should be taught in online mode. The course should include a proctored/offline End Semester examination.
R 16.4	At least 70% of the course content should match the area of study addressed by the concerned discipline.
R 16.5	<p>MOOC Approval:</p> <p>Proposal Submission:</p> <p>The Head of the Department shall submit a comprehensive review report for the proposed MOOCs. This report must include-</p> <ul style="list-style-type: none"> • Details of the MOOC agency • Course duration • Benefits of offering the MOOC <p>Syllabus Comparison Report:</p> <p>The proposal must also include a syllabus comparison report, which compares the syllabus of the theory course with the MOOC course. The report should indicate the percentage of similarity in course content, ensuring compliance with the conditions specified in Regulations, R 15 and R 16.</p> <p>The Principal shall review and approve the report and the syllabus comparison document after obtaining the recommendations of the IQAC and the Board of Studies.</p>

	Students are prohibited from opting for MOOC courses if there is more than 30% syllabus content overlap between courses/subjects listed in the Major, Minor, Honours programmes or with an open elective/industry-linked elective
R 16.6	<p>Selection and Review of MOOC:</p> <p>Guidelines for MOOC Selection: The Board of Studies shall issue clear guidelines for selecting MOOCs from an approved list.</p> <p>Annual Review and Updates: The BoS is also responsible for conducting an annual review of these courses, updating the list as necessary based on feedback from students and faculty.</p> <p>Publication of Approved MOOCs: The department shall publish the revised list of approved MOOCs before the commencement of each semester, in accordance with the review report submitted by the BoS.</p>
R 16.7	<p>MOOC Course Registration and Grading:</p> <ul style="list-style-type: none"> • Students may register for and complete a MOOC included in the curriculum of their programme (Major, Honours, and Minor) in any lower semester. • However, the credits earned for the MOOC will only be awarded and reflected in the grade card for the respective semester in which the course is officially part of the curriculum.
R 16.8	<p>Completion of Honours and Minor MOOCs within Normal Programme Duration:</p> <ul style="list-style-type: none"> • Students must complete the MOOCs required for Honours and Minor degrees within the normal duration of the programme. • Any MOOCs completed or passed by the student after the normal programme duration will not be considered for the award of Honours or Minor degrees.
17. Grace Marks for Sports /Arts Competitions	
R 17.1	Only bona-fide, regular candidates are eligible for the award of Grace

	Marks.
R 17.2	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 institution.
R 17.3	<p>Grace Marks for End Semester Written Examinations:</p> <ul style="list-style-type: none"> i. Grace Mark Allocation: Grace marks will be awarded for each course in which the End Semester Written Examinations are conducted. The grace mark shall be 10% of the ESE marks for that course as specified in the curriculum. ii. Maximum Marks Condition: The total marks for a course, including the grace marks, must not exceed the maximum allowable ESE marks for that course.
R 17.4	<p>Grace Marks for the winners of Events organized by University:</p> <ul style="list-style-type: none"> i. Grace marks shall be awarded to the winners (First, Second, and Third places) of State-level events conducted by the University. ii. Grace Mark Allocation: The grace mark of 5% will be awarded for each course having only continuous internal evaluation as specified in the curriculum. iii. Maximum Marks Condition: The total marks for a course, including the grace marks, must not exceed the maximum allowable marks for that course. <p>If a candidate does not achieve the minimum required passing marks after applying the grace marks, additional moderation, as determined by the respective pass board, may be granted to achieve a pass.</p>
R 17.5	<p>Grace Marks Awarding Criteria:</p> <ul style="list-style-type: none"> i. Current Semester Performance: Grace marks shall be awarded for the regular examination of the current performing semester. ii. Single Achievement Eligibility: Only the single highest achievement during the semester period shall be eligible for the

	<p>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 Institution 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.</p>
R 17.6	<p>Submission of Grace Marks Request:</p> <p>i. The request for Grace Marks shall be submitted to the Controller of Examinations through the Head of the Department, accompanied by all relevant documents.</p> <p>ii. The submission must be made within the timeline prescribed by the Institution.</p> <p>iii. Any requests received beyond this time frame shall not be considered under any circumstances.</p>
18. Grace Marks for Persons with Disability (PWD)	
R 18.1	<p><i>Integration of RPWD Act, 2016 in B. Tech. 2024 Regulations:</i></p> <p>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 STC B.</p>

	Tech. 2025 regulations.
R 18.2	<p>Awarding Grace Marks for PWD Candidates:</p> <ol style="list-style-type: none"> 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. 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. iii. Grace Marks shall be awarded for: <ul style="list-style-type: none"> • Courses in which the Institution conducts End semester written and practical examinations. • Courses in which the Institution does not normally conduct End Semester Examinations. • Minor and Honours courses. iv. Fractions of marks if any, while computing the Grace Marks shall be rounded off to the next higher integer. v. Transfer of marks from one paper to another shall not be permitted. <p>Grace marks shall not be awarded for MOOCs and Challenge courses.</p>
R 18.3	<p>Submission of Grace Marks Request:</p> <ol style="list-style-type: none"> i. The request for Grace Marks shall be submitted to the Controller of Examinations through the Head of the Department, accompanied by all relevant documents. ii. The submission must be made within the time frame prescribed by the Institution. iii. Any requests received beyond this time frame shall not be considered under any circumstances.

19. Internships

R 19.1	<p>Students at STC are permitted to undertake two types of internships:</p> <ul style="list-style-type: none">• Short-Term Internships• Long-Term Internships.
R 19.2	<p>Short-Term Internships:</p> <p>Students are allowed to pursue short-term internships after the completion of their Third Semester ESE. The period for a Short-Term Internship shall not exceed 8 weeks.</p>
R 19.3	<p>Long-Term Internships:</p> <p>Students can opt for the Long-Term Internship either in the 7th or 8th semester. The internship period for a Long-Term Internship should last a minimum of 4 months but not exceed 6 months (4 to 6 months).</p>
R 19.4	<p>Option for 1 Year Internship:</p> <p>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 institutes's long term internship guidelines.</p> <ol style="list-style-type: none">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.Remaining Courses:<p>Eligible students must have only the following courses pending:</p><ul style="list-style-type: none">• Seminar in Semester 7.• Project/Internship in Semester 7 and 8.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 Institution's

	<p>Long-Term Internship Guidelines. Final approval for the internship will be granted by the institution, ensuring that all academic requirements are met.</p> <p>iv. 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 Institution. The integrated internship must align with the academic objectives of the student's programme.</p> <p>This policy provides flexibility to students in their final year to gain extended industry experience while fulfilling the remaining academic requirements.</p>
R 19.5	<p><i>Internship Guidelines and Eligibility Conditions:</i></p> <p>i. The detailed guidelines and eligibility conditions for internships, including both short-term and long-term options, shall be published separately by the Institution.</p> <p>ii. These guidelines may be modified by the Institution as needed to ensure they remain relevant and effective.</p>
R 19.6	<p>Students must not have any pending disciplinary action to be eligible for both short-term and long-term internships.</p>
R 19.7	<p>Approval of Internship Organization:</p> <ul style="list-style-type: none"> • The company or organization selected by the student for internship must receive prior approval from both the Head of the Department (HoD) and the Head of the Institution. • This is to ensure that the chosen company is relevant to the student's programme of study, provides meaningful learning opportunities, and meets the quality standards expected by the Institution. • Students must submit detailed information about the company; including its profile, area of work, internship plan, and the name of the mentor/supervisor; for review and approval before

	commencing the internship.
20. Industrial Visit	
R 20.1	<p>Industrial Visit and Industrial Training:</p> <p>i. Industrial Visit (IV):</p> <ul style="list-style-type: none"> • Industrial visits are permitted either in the fifth semester (S5) or in the sixth semester (S6). • A maximum of 6 days is allowed for the IV, with not more than 4 working days included in this period. <p>ii. Industrial Training:</p> <ul style="list-style-type: none"> • Students who do not participate in the industrial visit must attend industrial training during the same period. <p>iii. Attendance:</p> <ul style="list-style-type: none"> • The period of industrial visit or industrial training (maximum of 6 days) shall be considered for granting attendance to the students. <p>iv. Guidelines: The detailed guidelines for the IV shall be published separately by the Institution.</p>
21. Overriding Provisions.	
R 21.1	Notwithstanding anything contained in these regulations, the appropriate statutory bodies of the Institution shall have the power to amend, modify or repeal any of these regulations from time to time.