

Amendments of the Regulations 2018 (Revised) / 2022 for B.E. / B.Tech. Degree programmes

Clause No.	Existing	Revised
3.11	-----Nil-----	<p>Mandatory courses</p> <p>The student shall study the mandatory courses prescribed by the University which will be mentioned in the Grade Sheet. However, it will not be considered for computation of CGPA.</p> <p>For the students who complete the Mandatory Course satisfying the attendance requirement, the title of the Mandatory Course will be mentioned in the Grade Sheet.</p>
16	IMPLEMENTATION OF MINOR DEGREE / HONOURS	<p>Renamed as</p> <p>B.E. / B. Tech. (Hons.) and B.E. / B. Tech. Minor with specialization in another discipline.</p>
16.1	B.E. / B.Tech. Honours (specialization in the same discipline):	<p>With reference to Anna University Regulations 2021 Amendments Clause 4.10, B.E. /B.Tech. Honours (specialization in the same discipline) has been removed.</p>
16.1	-----Nil-----	<p>B.E / B.Tech. (Hons.) and B.E./B.Tech. minor with specialization in another discipline will be optional for students and the students shall be permitted to select any of them only.</p>

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		<p>B.E/B.Tech. (Hons.) or B.E./ B.Tech. Minor shall be offered by the Department irrespective of the number of students enrolled.</p> <p>If the student has failed in the additional courses or faced a shortage of attendance, they will not be printed in the grade sheet and will not be considered for CGPA calculation and classification of degree.</p>
6.5.4	<p>-----Nil-----</p>	<p>Insertion of New Clause</p> <p>From the V to VIII semesters, the student has the option of registering for additional courses in a semester. With regard to enrolling for B.E. / B. Tech. (Hons) or B.E. / B. Tech. Minor</p> <p>The total number of credits a student can add in a semester is limited to 6, subject to a maximum of 2 courses. Maximum number of credits enrolled in a semester (Honours and Minor) shall not exceed 36. The online courses registered for B.E. / B. Tech. (Hons.) and B.E. / B. Tech. minor shall be over and above this 36 credits</p>
3.12	<p>-----Nil-----</p>	<p>Insertion of New Clause</p> <p>Choice of Professional Elective Courses</p> <p>The professional Elective Courses are listed in the Curriculum in Table format as verticals (Specialisation groups). A student can choose all the Professional Elective Courses either from one of the verticals or a combination of courses from all verticals in a semester. However, students irrespective of enrolling for additional Insertion of New Clause</p>

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		<p>6.3 Page 15 of 36 courses for B.E. / B. Tech. (Hons.) are not permitted to choose more than one course from a row. Students are permitted to enroll in more than one elective course from the same vertical in a semester. In the subsequent semesters students are permitted to enroll one more course in a row, provided if he/she has cleared the earlier course of the same row. For a professional elective course and open elective course, the minimum number of students enrolment permitted shall be 10. However, the minimum number is not applicable for students enrolling B.E. / B. Tech. (Hons) and B.E. / B. Tech. Minor. For the offer of each professional elective at least two choices shall be offered.</p>
16.8.a	<p>-----Nil-----</p>	<p>Insertion of New Clause</p> <p>If a student successfully completes all the requirements of the programme and also meets the requirements of B.E. / B. Tech. (Hons) or B.E. / B. Tech. Minor but desires not to opt for the additional qualification, then he/she has to submit a declaration with regard to the same 30 days before the completion of VIII semester</p>
12.12	<p>-----Nil-----</p>	<p>Insertion of New Clause</p> <p>In the consolidated grade sheet the CGPA earned shall be converted into percentage of marks as follows: Percentage of Marks = CGPA × 10</p>

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11.4.a	-----Nil-----	Insertion of New Clause Total number of credits to be earned by the student shall be more than or equal to the total number of credits prescribed in the curriculum in force. If the credit assigned for L T P of the courses are not same in two Regulations under consideration, then equivalence shall be arrived as per the credit assignment followed in the Regulations in force.
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Revised Assessment pattern of Regulations 2022 of B. E. / B. Tech. Programmes approved in 28th ACM

Existing		Revised																									
Theory courses																											
<table border="1"> <thead> <tr> <th>Assessment Pattern</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>Continuous Internal Assessment (CIA)</td> <td>40</td> </tr> <tr> <td>Semester End Examinations (SEE)</td> <td>60</td> </tr> <tr> <td style="text-align: right;">Total</td> <td>100</td> </tr> <tr> <td colspan="2" style="text-align: center;">Distribution of marks</td> </tr> <tr> <td colspan="2">Continuous Internal Assessment (CIA)</td> </tr> <tr> <td>i. Periodical Test I</td> <td>12</td> </tr> <tr> <td>ii. Periodical Test II</td> <td>12</td> </tr> <tr> <td>iii. Innovative Practices</td> <td>16</td> </tr> <tr> <td style="text-align: right;">Total</td> <td>40</td> </tr> <tr> <td colspan="2">Semester End Examinations (SEE)</td> </tr> <tr> <td>Theory Examinations</td> <td>60</td> </tr> </tbody> </table>		Assessment Pattern	Marks	Continuous Internal Assessment (CIA)	40	Semester End Examinations (SEE)	60	Total	100	Distribution of marks		Continuous Internal Assessment (CIA)		i. Periodical Test I	12	ii. Periodical Test II	12	iii. Innovative Practices	16	Total	40	Semester End Examinations (SEE)		Theory Examinations	60	No Change	
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Theory with Lab Component courses																											
Continuous Assessment		50 Category 1: with L T P C: 2 0 2 3																									
Distribution of marks for Continuous Assessment: Periodical Test I (15) Periodical Test II (15) Innovative Practices (20) (Laboratory Assessment & Report)		<table border="1"> <thead> <tr> <th>Assessment Pattern</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>Continuous Internal Assessment (CIA)</td> <td>50</td> </tr> <tr> <td>Semester End Examinations (SEE)</td> <td>50</td> </tr> <tr> <td style="text-align: right;">Total</td> <td>100</td> </tr> <tr> <td colspan="2" style="text-align: center;">Distribution of marks</td> </tr> <tr> <td colspan="2">Continuous Internal Assessment (CIA)</td> </tr> <tr> <td>i. Periodical Tests I & II</td> <td>25</td> </tr> </tbody> </table>		Assessment Pattern	Marks	Continuous Internal Assessment (CIA)	50	Semester End Examinations (SEE)	50	Total	100	Distribution of marks		Continuous Internal Assessment (CIA)		i. Periodical Tests I & II	25										
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	ii. Innovative Practices (Laboratory Assessment and Report)	25	
	Total	50	
	Semester End Examinations (SEE)		
	i. Theory Examinations – (25)	50	
	ii. Laboratory Assessment – (25)		
	Total	100	
	Category 2: with L T P C: 3 0 2 4 and L T P C: 2 1 2 4		
	Assessment Pattern		Marks
	Continuous Internal Assessment (CIA)		50
	Semester End Examinations (SEE)		50
Total		100	
Distribution of marks			
Continuous Internal Assessment (CIA)			
i. Periodical Tests I & II		25	
ii. Innovative Practices (Laboratory Assessment and Report)		25	
Total		50	
Semester End Examinations (SEE)			
iii. Theory Examinations – (35)		50	
iv. Laboratory Assessment – (15)			
Total		100	

Laboratory Courses																																		
(CONTINUOUS ASSESSMENT ONLY)																																		
Conduct of Experiment		<table border="1"> <thead> <tr> <th>Assessment Pattern</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>Continuous Internal Assessment (CIA)</td> <td>60</td> </tr> <tr> <td>Semester End Examinations (SEE)</td> <td>40</td> </tr> <tr> <td style="text-align: right;">Total</td> <td>100</td> </tr> <tr> <td colspan="2">Distribution of marks</td> </tr> <tr> <td colspan="2">Continuous Internal Assessment</td> </tr> <tr> <td colspan="2">Conduct of Experiment</td> </tr> <tr> <td>i. Preparation (10)</td> <td rowspan="3" style="text-align: center;">30</td> </tr> <tr> <td>ii. Experiment and Analysis of Results (10)</td> </tr> <tr> <td>iii. Record (10)</td> </tr> <tr> <td>Test – Cycle I</td> <td>15</td> </tr> <tr> <td>Test – Cycle II</td> <td>15</td> </tr> <tr> <td style="text-align: right;">Total</td> <td>60</td> </tr> <tr> <td colspan="2">Semester End Examinations</td> <td>40</td> </tr> <tr> <td colspan="2" style="text-align: right;">Total Marks 100</td> <td style="text-align: right;">Total</td> <td>100</td> </tr> </tbody> </table>		Assessment Pattern	Marks	Continuous Internal Assessment (CIA)	60	Semester End Examinations (SEE)	40	Total	100	Distribution of marks		Continuous Internal Assessment		Conduct of Experiment		i. Preparation (10)	30	ii. Experiment and Analysis of Results (10)	iii. Record (10)	Test – Cycle I	15	Test – Cycle II	15	Total	60	Semester End Examinations		40	Total Marks 100		Total	100
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Language Courses (Except Tamil)																																		
LANGUAGE ELECTIVE																																		
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Test 1--- 25 Marks																																		
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<p>Test 2 ---25 Marks Listening 5 Speaking 10 Reading 5 Writing 5 Oral Exam 50 Total Marks 100</p>	<p style="text-align: center;">Distribution of marks</p> <p style="text-align: center;">Continuous Internal Assessment (CIA)</p> <table border="1" style="width: 100%;"> <tr> <td>Test 1 Listening, Speaking and Reading (25) Writing (25)</td> <td style="text-align: center;">25</td> </tr> <tr> <td>Test 2 Listening, Speaking and Reading (25) Writing (25)</td> <td style="text-align: center;">25</td> </tr> <tr> <td style="text-align: right;">Total</td> <td style="text-align: center;">50</td> </tr> <tr> <td>Semester End Examinations (SEE)</td> <td style="text-align: center;">50</td> </tr> <tr> <td style="text-align: right;">Total</td> <td style="text-align: center;">100</td> </tr> </table>	Test 1 Listening, Speaking and Reading (25) Writing (25)	25	Test 2 Listening, Speaking and Reading (25) Writing (25)	25	Total	50	Semester End Examinations (SEE)	50	Total	100																					
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		Semester End Examinations (SEE)	60
		Total	100
Soft Skills and Effective Communication / Advanced English and Technical Expression			
ONE-CREDIT COURSE / HUMANITIES COURSES			
(CONTINUOUS ASSESSMENT ONLY)	Marks		
Test	50		
Quiz/ Assignment	50		
Total Marks	100		
		Assessment Pattern	
		Continuous Internal Assessment (CIA)	60
		Semester End Examinations (SEE)	40
		Total	100
		Distribution of marks	
		A. Continuous Internal Assessment (CIA)	
		Test 1	
		Listening (5)	
		Speaking (10)	
		Reading (5)	
		Writing (10)	
			30
		Test 2	
		Listening (5)	
		Speaking (10)	
		Reading (5)	
		Writing (10)	
			30
		Total	60
		B. Semester End Examinations (SEE)	40
		Total	100
Environmental Science			

(CONTINUOUS ASSESSMENT ONLY)		Assessment Pattern		Marks	
Distribution of marks for Continuous Assessment:		Continuous Internal Assessment (CIA)		100	
Periodical Test I	25	Distribution of marks			
Periodical Test II	25	Continuous Internal Assessment (CIA)			
Innovative Practices / Case studies	50	Periodical Test I	25		
Total Marks	100	Periodical Test II	25		
		Innovative Practices / Case studies (50)	50		
		Total	100		
Mini project(I&II)					
MINI PROJECT I		Assessment Pattern		Marks	
(CONTINUOUS ASSESSMENT ONLY)		Continuous Internal Assessment (CIA)		60	
Review I	25	Semester End Examinations (SEE)		40	
Review II	25	Total		100	
Final Presentation and Viva-voce	30	Distribution of marks			
Report	20	Continuous Internal Assessment		60	
Total Marks	100	Review I (30)			
		Review II (30)			
		Semester End Examinations		40	
		Report – (20)			
		Presentation & Viva Voce (20)			
		Total	100		
Project Work I					

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<p style="text-align: right;">Marks</p> <p>Continuous Assessment 50 Distribution of marks for Continuous Assessment: Review I Literature Survey (5) Identification of topic and Justification (5) Work plan (10) Review II Approach & Results(15) Conclusion (15) Semester End Examination 50 Report(20) Presentation (20) Viva voce (10) Total Marks 100</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 80%; text-align: center;">Assessment Pattern</th> <th style="width: 20%; text-align: center;">Marks</th> </tr> </thead> <tbody> <tr> <td>Continuous Internal Assessment (CIA)</td> <td style="text-align: center;">60</td> </tr> <tr> <td>Semester End Examination (SEE)</td> <td style="text-align: center;">40</td> </tr> <tr> <td colspan="2">Distribution of marks</td> </tr> <tr> <td colspan="2" style="text-align: center;">Continuous Internal Assessment (CIA)</td> </tr> <tr> <td>Review I (30) Problem Statement and Literature Survey (5) Work plan (10) Contribution to the work (10) Viva voce (5)</td> <td rowspan="5" style="text-align: center; vertical-align: middle;">60</td> </tr> <tr> <td>Review II (30) Methodology & Results (10) Conclusion with report (10) Publication (5) Viva voce (5)</td> </tr> <tr> <td colspan="2" style="text-align: center;">Semester End Examination (SEE)</td> </tr> <tr> <td>Report (15) Presentation (15) Viva voce (10)</td> <td style="text-align: center;">40</td> </tr> <tr> <td style="text-align: right;">Total</td> <td style="text-align: center;">100</td> </tr> </tbody> </table>	Assessment Pattern	Marks	Continuous Internal Assessment (CIA)	60	Semester End Examination (SEE)	40	Distribution of marks		Continuous Internal Assessment (CIA)		Review I (30) Problem Statement and Literature Survey (5) Work plan (10) Contribution to the work (10) Viva voce (5)	60	Review II (30) Methodology & Results (10) Conclusion with report (10) Publication (5) Viva voce (5)	Semester End Examination (SEE)		Report (15) Presentation (15) Viva voce (10)	40	Total	100
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Conclusion & Final Presentation (10) Report (15) Publication of Paper in Conferences / Journals (5) Semester End Examination 50 Presentation (30) Viva voce (20) Total Marks 100	Review I (20) Problem Statement and Literature Survey (5) Methodology (5) Work Contribution (5) Viva voce (5) Review II (20) Approach and Results (10) Work Contribution (5) Viva voce (5) Review III (20) Results & Discussions (5) Report and Contribution (5) Publication (5) Viva voce (5)	60												
Semester End Examination (SEE)														
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Total 100														
Cocurricular/Extracurricular Activity (Applicable from Academic Year 2024-2025 onwards)														
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	Sharing of Views / Presentation / Seminar	20
	Attendance	10
	Coordinator Assessment	10
	Total	100
	Extracurricular activity (NCC/NSS/ Non-technical Clubs)	
	Assessment Pattern	
	Continuous Internal Assessment (CIA)	
	Parameters	Marks
	Activity plan and Programme Organization	20
	Participation (National / State / Regional /Institute)	20
	Activity Report	20
	Achievements	20
	Attendance	10
	Coordinator Assessment	10
	Total	100
Extracurricular activity (Sports and Games)		
Assessment Pattern		
Continuous Internal Assessment (CIA)		
Parameters	Marks	
Participation (National / State / Regional /Institute)	20	
Regular practice	20	
Skill Development	20	
Sportsmanship (sports ethics) and Teamwork	20	

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Viva-voce	20																							
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Case Study / Report	20																							
Total Marks	100																							

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Clause No.	Existing	Revised
3.8	<p>A Student may be permitted to credit two online courses with the approval of the Departmental Consultative Committee constituted by the Head of the Department, subject to a maximum of 6 credits. The Head of the Institution shall form a 3 member committee with one of the members as HoD and two senior faculty members to ensure that the student has not studied such courses and would not repeat it again as Professional Core/Professional Elective/Open Elective courses. A student can get exemption for a maximum of 6 credits during the entire programme (in lieu of core elective or open elective). These online courses shall be chosen from the SWAYAM platform, provided the offering organization conducts regular examination and provides marks. The credits earned shall be transferred and the marks earned shall be converted into grades and transferred, provided the student has passed in the examination as per the norms of the offering organization</p>	<p>A Student may be permitted to credit three online courses with the approval of the Departmental Consultative Committee constituted by the Head of the Department, subject to a maximum of 9 credits. The Head of the Institution shall form a 3 member committee with one of the members as HoD and two senior faculty members to ensure that the student has not studied such courses and would not repeat it again as Professional Core/Professional Elective/Open Elective courses. A student can get exemption for a maximum of 9 credits during the entire programme (in lieu of core elective or open elective). These online courses shall be chosen from the SWAYAM NPTEL platform, provided the offering organization conducts regular examination and provides marks. The credits earned shall be transferred and the marks earned shall be converted into grades and transferred, provided the student has passed in the examination as per the norms of the offering organization.</p>