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

Clause No.	Existing	Revised
3.11	--------------Nil-------------	**Mandatory courses** 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. 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.
16	**IMPLEMENTATION OF MINOR DEGREE / HONOURS**	**Renamed as** **B.E. / B. Tech. (Hons.) and B.E. / B. Tech. Minor with specialization in another discipline.**
16.1	**B.E. / B.Tech. Honours (specialization in the same discipline):**	With reference to Anna University Regulations 2021 Amendments Clau 4.10, **B.E. /B.Tech. Honours (specialization in the same discipline) h been removed.**
16.1	------------Nil-------------	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.

		B.E/B.Tech. (Hons.) or B.E./ B.Tech. Minor shall be offered by the Department irrespective of the number of students enrolled. 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.
6.5.4	--------------Nil------------	**Insertion of New Clause** 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 The total number of credits a student can add in a semester is limited to 8, 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
3.12	--------------Nil------------	**Insertion of New Clause** **Choice of Professional Elective Courses** 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 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.
16.8.a	--------------Nil------------	**Insertion of New Clause** 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
12.12	--------------Nil------------	**Insertion of New Clause** In the consolidated grade sheet the CGPA earned shall be converted into percentage of marks as follows: Percentage of Marks = CGPA × 10

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.

Revised Assessment pattern of Regulations 2022 of B. E. / B. Tech. Programmes approved in 28th ACM

Existing	Revised
Theory courses	

<table>
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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**

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No Change

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Theory with Lab Component courses	

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Continuous Assessment   **50**

Distribution of marks for Continuous Assessment:
Periodical Test I (15)
Periodical Test II (15)
Innovative Practices (20)
(Laboratory Assessment & Report)
    Semester End Examination   **50**
    Total Marks 100

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Category 1: with L T P C: 2 0 2 3

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) ii. Laboratory Assessment – (25)	**50**
Total	**100**

Category 2: with L T P C : 3 0 2 4

                   : 2 1 2 4

                   : 3 1 2 5

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) iv. Laboratory Assessment – (15)	**50**
Total	**100**

Laboratory Courses	

<table>
<tr><td colspan="2">(CONTINUOUS ASSESSMENT ONLY)

Conduct of Experiment</td><td colspan="2"></td></tr>
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(CONTINUOUS ASSESSMENT ONLY)			Assessment Pattern	Marks
Conduct of Experiment			Continuous Internal Assessment (CIA)	60
i.	Preparation	20	Semester End Examinations (SEE)	40
ii.	Experiment and Analysis of Results	20	**Total** **100**	
iii.	Record	10	**Distribution of marks**	

iv.	Test – Cycle I	25	**Continuous Internal Assessment**
			   Conduct of Experiment
			   i. Preparation (10)
			   ii. Experiment and Analysis of Results (10)
			   iii. Record (10)
				30

v.	Test – Cycle II	25		
			Test – Cycle I	15
			Test – Cycle II	15
	Total Marks 100		**Total**	**60**
			Semester End Examinations	40
			Total	**100**

Language Courses (Except Tamil)

LANGUAGE ELECTIVE (CONTINUOUS ASSESSMENT ONLY) **Test 1--- 25** Marks Listening 5 Speaking 10 Reading 5 Writing 5	Assessment Pattern	Marks
	Continuous Internal Assessment (CIA)	50
	Semester End Examinations (SEE)	50
	Total	**100**

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Test 2 ---25 Marks
Listening 5
Speaking 10
Reading 5
Writing 5
Oral Exam 50
Total Marks   100

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Distribution of marks	
Continuous Internal Assessment (CIA)	
Test 1 Listening (5), Speaking (5), Reading (5) and Writing (10)	**25**
Test 2 Listening (5), Speaking (5), Reading (5) and Writing (10)	**25**
Total	**50**
Semester End Examinations (SEE)	50
Total	**100**

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Startup Management

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(CONTINUOUS ASSESSMENT ONLY)

	Marks
Conduct of Fieldwork / Case Studies with Report	60
Model Examination	40
Total Marks	100

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Assessment Pattern	Marks
Continuous Internal Assessment (CIA)	50
Semester End Examinations (SEE)	50
Total	**100**
Distribution of marks	
Continuous Internal Assessment (CIA)	
i. Conduct of Fieldwork / Case Studies & Report	25
ii. Assignments / Experiments & Report	25
Total	**50**
Semester End Examinations (SEE)	50
Total	**100**

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Engineering Drawing	

ENGINEERING GRAPHICS (CONTINUOUS ASSESSMENT ONLY)		Assessment Pattern	Marks
		Continuous Internal Assessment (CIA)	50
Marks		Semester End Examinations (SEE)	50
Exercise (Minimum 10 Exercises/Modelling) 60		**Total**	**100**
Model Examination 40		**Distribution of marks**	
Total Marks 100		**Continuous Internal Assessment (CIA)**	
		Class work	05
		Assignments (Minimum 8)	20
		Model Examinations	25
		Total	**50**
		Semester End Examinations (SEE)	50
		Total	**100**

Tamil Courses

(CONTINUOUS ASSESSMENT ONLY)		
Marks Test	50	
Quiz/ Assignment	50	
Total Marks	100	

Assessment Pattern	Marks
Continuous Internal Assessment (CIA)	40
Semester End Examinations (SEE)	60
Total	**100**
Distribution of marks	
Continuous Internal Assessment (CIA)	
Quiz/ Assignment	20
Case study report	20
Total	**40**
Semester End Examinations (SEE)	60
Total	**100**

Human Values and Ethics

HUMAN VALUES AND ETHICS / ENVIRONMENTAL

SCIENCE

(CONTINUOUS ASSESSMENT ONLY)

Distribution of marks for Continuous Assessment:	
Periodical Test I	25
Periodical Test II	25
Innovative Practices / Case studies	50
Total Marks	100

Assessment Pattern	Marks
Continuous Internal Assessment (CIA)	40
Semester End Examinations (SEE)	60
Total	**100**
Distribution of marks	
Continuous Internal Assessment (CIA)	
Periodical Test I	15
Periodical Test II	15
Assignments / / Case studies	10
Total	**40**

Semester End Examinations (SEE)	60	
Total	**100**	

Foundational English / 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	Marks
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)	
Distribution of marks for Continuous Assessment:	
Periodical Test I 25	
Periodical Test II 25	
Innovative Practices / Case studies 50	
Total Marks 100	

Assessment Pattern	Marks
Continuous Internal Assessment (CIA)	100
Distribution of marks	
Continuous Internal Assessment (CIA)	
Periodical Test I	25
Periodical Test II	25
Innovative Practices / Case studies (50)	50
Total	**100**

Mini project(I&II)	

MINI PROJECT I
   (CONTINUOUS ASSESSMENT ONLY)   Marks
          Review I   25
          Review II   25
  Final Presentation and Viva-voce   30
          Report   20
      Total Marks   100

Assessment Pattern	Marks
Continuous Internal Assessment (CIA)	60
Semester End Examinations (SEE)	40
Total	**100**
Distribution of marks	
Continuous Internal Assessment Review I (30) Review II (30)	60
Semester End Examinations Report – (20) Presentation & Viva Voce (20)	40
Total	**100**

Project Work I	
Continuous Assessment **Marks** **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**	(see assessment pattern table below)

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) **Review II (30)** Methodology & Results (10) Conclusion with report (10) Publication (5) Viva voce (5)	60
Semester End Examination (SEE)	
Report (15) Presentation (15) Viva voce (10)	40
Total	**100**

Project Work II	
Continuous Assessment **Marks** **50** Distribution of marks for Continuous Assessment: Review I Progress (10) Review II	(see assessment pattern table below)

Assessment Pattern	Marks
Continuous Internal Assessment (CIA)	60
Semester End Examination (SEE)	40
Distribution of marks	

Approach & Results (10) Review III 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**		

Continuous Internal Assessment (CIA)	
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)	
Report (15) Presentation (15) Viva voce (10)	40
Total	**100**

Co Curricular/Extracurricular Activity (Applicable from Academic Year 2024-2025 onwards)	
Nil	**Co Curricular activity**

Assessment Pattern	
Continuous Internal Assessment (CIA)	
Parameters	**Marks**
Programme Organization / Participation	20
Member of Technical society (International / National repute like IEEE, IET etc.)	20

	Brief Report of event	20
	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

	Achievements	10
	Coordinator Assessment	10
	Total	**100**

Socially Relevant Project (Applicable from Academic Year 2024-2025 onwards)

Nil

Assessment Pattern	
Continuous Internal Assessment (CIA)	
Parameters	**Marks**
Field Survey	20
Problem Statement / Problem Identification and Social Relevance	20
Approach to the Problem / Methodology	20
Presentation / Seminar	10
Sustainable solutions and Future Plans	10
Report	10
Novelty	10
Total	**100**

Hospital Training

Existing	Revised

CONTINUOUS ASSESSMENT ONLY

Assessment by Industry	30
Viva-voce	20
Presentation	30
Case Study / Report	20
Total Marks	100

Assessment Pattern	Marks
Continuous Internal Assessment (CIA)	60
Semester End Examinations (SEE)	40
Total	**100**
Distribution of marks	

Continuous Internal Assessment (CIA)	
Daily Work log	30
Workplace learning report (1 page)	10
Trainer Assessment	20
Total	**60**
Semester End Examinations (SEE) Presentation-20 Report-10 Viva voce-10	40
Total	**100**

BUSINESS COMMUNICATION AND VALUE SCIENCE COURSES

NiL

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	25
ii. Laboratory Assessment	25
Total	**50**
Semester End Examinations (SEE) Laboratory Assessment only	50
Total	**100**

Amendments of Regulations 2022 for the B.E. / B.Tech. Programmes Approved in 29th Academic Council Meeting

Clause No.	Existing	Revised
3.8	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	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.