

BANNARI AMMAN INSTITUTE OF TECHNOLOGY

(An Autonomous Institution Affiliated to Anna University, Chennai)

Sathyamangalam - 638 401, Tamil Nadu, India

REGULATIONS 2026

CHOICE BASED CREDIT SYSTEM (CBCS)

(Applicable to all B.E. and B.Tech. Degree Programmes)

The Regulations 2026 have been framed in accordance with the guidelines, regulations, and directives issued by the University Grants Commission (UGC), the All India Council for Technical Education (AICTE) and the affiliating University, incorporating the provisions of the Choice Based Credit System (CBCS). The Regulations 2026 shall apply to candidates admitted to the Bachelor of Engineering (B.E.) and Bachelor of Technology (B.Tech.) Degree Programmes of the Institution from the Academic Year 2026-2027 onwards under Regular Admission and from the Academic Year 2027-2028 onwards under Lateral Entry Admission.

The Regulations, Curriculum and Syllabi contained herein shall be subject to revision, amendment, modification, or change from time to time as may be necessitated by the regulations, guidelines, notifications, directions, or policies issued by the University Grants Commission (UGC), the All India Council for Technical Education (AICTE), the affiliating University, Government authorities, and other statutory bodies, or as may be approved by the Academic Council of the Institution. Such revisions, amendments, modifications, or changes shall be effective from the date prescribed by the competent authority and shall apply to such batches of students, including those already admitted to the programme, as may be specified by the Academic Council.

1 ADMISSION

Candidate, seeking admission to the B.E./B.Tech. Programme, shall satisfy the conditions of admission prescribed by the Directorate of Technical Education (DoTE) and Anna University, Chennai as given below

1.1 Regular Admission

Candidates, for admission to the first semester of the eight semesters B.E./B.Tech. Degree Programmes, shall be required to have passed:

- Higher Secondary Examination (10 +2) of curriculum (Regular Academic Stream) prescribed by the Government of Tamil Nadu with Mathematics, Physics and Chemistry as three of the four subjects of the study prescribed under Part-III or any other examinations of any Board or University or authority accepted by the Syndicate of the University / DoTE, Chennai as equivalent thereto.

(or)

- Should have passed Higher Secondary Examination of Vocational Stream (Engineering/Technology), prescribed by the Government of Tamil Nadu.

1.2 Lateral Entry Admission

Candidates who possess a Diploma in Engineering or Technology awarded by the State Board of Technical Education and Training, Tamil Nadu, or an equivalent qualification recognized by the competent authority shall be eligible for admission directly to the Third Semester of the B.E. / B.Tech. Degree Programmes in the appropriate branch of study, subject to the eligibility criteria prescribed by the Directorate of Technical Education (DoTE) from time to time.

(or)

Candidates who possess a Bachelor's Degree in Science (B.Sc.) under the 10+2+3 pattern, with Mathematics as a subject of study, shall be eligible for admission directly to the third Semester of the B.E. / B.Tech. Degree Programmes, subject to the eligibility criteria prescribed by the Directorate of Technical Education (DoTE) from time to time. Such candidates shall undergo

two additional Engineering courses, one each during the third and fourth Semesters, as bridge courses, as prescribed by the Institution.

2 PROGRAMMES OFFERED

A candidate may be offered admission to any one of the programmes offered by the Institution for the candidates specified in Clause 1.1 and as per the eligibility criteria of DoTE for the candidates under Clause 1.2 from the list given below:

B. E. Programmes

1. Computer Science and Engineering
2. Electrical and Electronics Engineering
3. Electronics and Communication Engineering
4. Electronics and Instrumentation Engineering
5. Mechanical Engineering
6. Mechatronics Engineering

B. Tech. Programmes

1. Agricultural Engineering
2. Artificial Intelligence and Data Science
3. Biotechnology
4. Information Technology

3 STRUCTURE OF THE PROGRAMME

3.1 Every programme shall have a distinct curriculum with syllabi consisting of theory, laboratory, project, soft-skills and personality development courses, as prescribed by the respective Boards of Studies, broadly categorized under:

i. Basic Science (BS) courses including Mathematics, Physics, Chemistry and further specialization in these subjects

ii. Engineering Science (ES) courses including Engineering Graphics, Basics of Electrical / Electronics / Mechanical, Engineering Mechanics and Computer Programming.

iii. Humanities and Social Sciences (HSS) courses including Language Courses, Management Courses, Soft Skills and Professional Ethics.

iv. Professional Courses (PC) include Professional Core (PC), Professional Electives (PE) and Open Electives (OE).

v. Employability Enhancement Courses (EEC) includes Project Work, Mini Project and /or Internship, Seminar, Industrial / Practical Training, Startup Management, Value Added and Certificate Courses.

The medium of instruction, examination, seminar presentations, project work, and all other academic activities associated with the programme shall be English, except for courses specifically approved to be offered in Tamil.

- 3.2** Each course is normally assigned a certain number of credits based on the following.

Contact period per week	Credit(s)
1 Lecture / 1 Tutorial period	1
2 laboratory Periods (Laboratory / Seminar / Project Work / etc.)	1

- 3.3** Every student shall complete eight elective courses from the list of electives prescribed in the curriculum. Students may register for Professional Elective courses offered within their parent discipline during Semesters V to VII, subject to the fulfilment of the prescribed prerequisites for the respective courses.

- 3.4** Out of the eight elective courses, every student shall be required to opt for a minimum of two Open Elective courses from the list of electives offered by departments other than the student's parent discipline, provided that the prescribed prerequisites for the respective courses are satisfied. The course content of such Open Elective courses shall not form part of the curriculum and syllabi of the student's parent programme of study.

3.5 Industry Oriented Course (IOC)

Industry Oriented Course (IOC) of 15–20 hours duration shall be offered during Semester VI by industry experts on specialised, contemporary and industry-relevant topics. Students may also register for an IOC offered by other departments, subject to fulfilling the prescribed prerequisites, if any.

The course content shall be prepared by the industry expert in consultation with the department and shall preferably focus on practical, multidisciplinary and industry-relevant applications, including case studies, standards, certifications and emerging technologies. A faculty coordinator shall be nominated by the department to coordinate the IOC.

The sessions shall be conducted by the industry expert in physical or hybrid mode at suitable timings based on the availability of the expert. The faculty coordinator shall attend all sessions and maintain the attendance record. The batch size shall preferably be below 75 students.

Student performance shall be assessed through two Internal Evaluations (IEs) with equal weightage, conducted at the middle and end of the IOC. The assessment may include quizzes, assignments, case studies, projects, presentations or other suitable methods. No End Semester Examination shall be conducted.

3.6 A student may register for one Self-Study Elective per semester, over and above the elective courses prescribed in the curriculum, from any branch of Engineering or Technology, commencing from Semester V onwards, provided that the student has secured a Cumulative Grade Point Average (CGPA) of 8.50 or above up to the preceding semester and has no current arrears. The credits earned through Self-Study Electives shall be indicated separately in the Grade Sheet as additional credits. However, such credits shall not be considered for the computation of the Cumulative Grade Point Average (CGPA).

3.7 A student may be permitted to earn credits through a maximum of three online courses, subject to a maximum of **Nine (9)** credits during the entire programme, with the approval of the Departmental Consultative Committee. For the purpose of credit transfer and exemption, the Head of the Institution shall constitute a three-member committee comprising the Head of the Department concerned and two senior faculty members. The Committee shall verify that the online course proposed by the student has not already been completed by the student and is not substantially equivalent to any Professional Core, Professional Elective, or Open Elective course already completed or to be completed as part of the curriculum.

The online courses shall be chosen from SWAYAM / NPTEL as may be approved by the Institution, provided that the offering organization conducts a proctored examination and awards marks and credits. A student may avail exemption for a maximum of **Nine (9)** credits during the entire programme in

lieu of Professional Elective and/or Open Elective courses, subject to the approval of the equivalence committee.

The credits earned through such online courses shall be transferred to the student's academic record. The marks obtained shall be converted into grades in accordance with the grading norms prescribed by the Institution and shall be considered for the computation of SGPA and CGPA, provided that the student has successfully completed the course and satisfied the passing requirements prescribed by the offering organization.

For online courses the following grading pattern is applicable in case of credit transfer and CGPA calculations:

Range of percentage of total marks	Letter Grade	Grade Point
91 - 100	S	10
81 - 90	A+	9
71 – 80	A	8
61 - 70	B+	7
51 - 60	B	6.5
46-50	C+	6
40-45	C	5
< 40	U	0

3.8 Industrial Training / Internship

Students may undergo Industrial Training or Internship during the summer or winter vacation for the duration specified in the table below. The credits earned through such Industrial Training or Internship shall be recorded in the Grade Sheet. A student who earns three credits through Industrial Training or Internship may be permitted to avail exemption from one Professional Elective course, subject to the approval of the Departmental Consultative Committee and the equivalence norms prescribed by the Institution. If a student earns one or two credits through Industrial Training or Internship, such credits shall be recorded in the Grade Sheet but shall not be considered for the classification of the degree. Students may also undergo Internship at a Research

Organization, University, National Laboratory, or other approved Institution during the summer or winter vacation, subject to the prior approval of the Departmental Consultative Committee.

Duration of Training / Internship	Credit(s)
2 Weeks	1
4 Weeks	2
6 Weeks	3

3.9 Choice of Professional Elective Courses

Professional Elective (PE) Courses shall be selected in the specialised groups given as verticals. Students shall choose the courses from various verticals as specified in the respective curriculum. A student can choose all the PE Courses either from one of the verticals or a combination of courses from more than one verticals in a semester.

For a Professional Elective or Open Elective course to be offered, a minimum enrolment of ten students shall normally be required. This minimum enrolment requirement shall not apply to students registered under the B.E. (Honours) / B.Tech. (Honours) or B.E. Minor / B.Tech. Minor programmes.

3.10 Value Added Courses

Value Added (VA) Courses are courses that are not included in the prescribed curriculum of the respective programme and are offered to provide additional value by enhancing the knowledge, skills, and employability of students. The successful completion of Value Added Course(s) shall not be mandatory for the award of the degree or for the successful completion of the programme.

3.11 Induction Programme

The students shall undergo a mandatory induction programme comprising of lectures by eminent people, visits to various departments and ice-breaking events within department / branch immediately after getting admitted in the respective Institution.

Induction Programme aimed at offering the incoming students, an interface to understand and interact with the diverse student community in the respective Institute. The objectives of this induction programme include:

- Welcoming and orienting the new students.
- Guiding the new students about life at respective Institute and its activities, college fests, etc.
- Providing academic guidance to the students.
- Enforcing the anti-ragging rule.

On the whole, the Induction Programme aims to provide the incoming students with a cordial environment to make their transition to the Higher Education system as smooth as possible.

4 DURATION OF THE PROGRAMME

4.1 Regular Admission

The duration of the programme shall be four academic years consisting of eight semesters for students admitted under Clause 1.1 of these Regulations. A student shall complete all the requirements prescribed in the curriculum and these Regulations within the stipulated duration of four years.

4.2 Lateral Entry Admission

The duration of the programme shall be three academic years consisting of six semesters for students admitted under Clause 1.2 of these Regulations. A student shall complete all the requirements prescribed in the curriculum and these Regulations within the stipulated duration of three years

4.3 Extension of Programme Duration

The duration specified in Clauses 4.1 and 4.2 may be extended by one additional year for students who are permitted to avail an authorized break of study (clause 14) or who have been permitted to drop courses(vide clause 5.6) in accordance with these Regulations.

4.4 Programme Completion

For the purpose of these Regulations, “Programme Completion” shall mean that a student has undergone all the courses prescribed in the curriculum and has become eligible to appear for the End Semester Examinations of all the courses within the duration specified in Clauses 4.1, 4.2, and 4.3, as applicable.

4.5 Maximum Duration for Completion of the Programme

A student who has completed the programme but has arrears shall be permitted to complete the remaining course(s) within the following maximum period:

- a) Seven years from the date of commencement of the programme for students admitted under Clause 1.1; and
- b) Six years from the date of commencement of the programme for students admitted under Clause 1.2.

4.6 Prevention Due to Shortage of Attendance

When a student is prevented from appearing for the End Semester Examinations of all the courses in a semester due to shortage of attendance, such period shall be treated as a break in the programme. The total duration for successful completion of the programme, including all such periods of prevention, shall not exceed seven years for students admitted under Clause 1.1 and six years for students admitted under Clause 1.2.

4.7 Semester Duration and Remedial Classes

Each semester shall consist of minimum 75 working days. Head of the Department shall ensure that every faculty member teaches the course as prescribed in the approved curriculum and syllabi.

Special Theory / Practical Sessions may be conducted for students who require additional inputs (remedial classes) over and above the number of periods normally specified, as decided by the Head of the Department, within the specified duration of the semester / programme.

5 COURSE ENROLLMENT AND REGISTRATION

5.1 Faculty Mentor

Upon admission, every student shall be assigned a Faculty Mentor (refer Clause 7) who shall guide and counsel the student regarding the academic programme, course registration, academic progression, and career objectives, taking into account the student's academic background and aspirations.

5.2 Course Registration

Every student shall register for all courses prescribed in the curriculum for the relevant semester, subject to the provisions relating to course dropping as specified in Clause 5.6. Courses dropped in earlier semesters may be

registered in subsequent semesters when they are offered. Every student shall provisionally enrol for the courses of the succeeding semester during the current semester and shall confirm such enrolment by completing course registration within the first 10 working days from the commencement of the semester concerned.

5.3 Categories of Registration

The courses registered by a student in a semester may include:

- (i) Courses prescribed for the current semester;
- (ii) Courses dropped in earlier semesters;
- (iii) Additional courses, wherever permitted under these Regulations.

5.4 Maximum Credit Limit

The maximum number of credits that may be registered in a semester shall be 30. The above limit shall not include courses registered under Honours/Minor degree, Reappearance (RA) or Withdrawal (W) categories for the purpose of appearing for the Semester End Examinations.

5.4.1 Additional Course Registration

From Semesters V to VIII, students may register for additional courses, including courses prescribed under the B.E. (Honours) / B.Tech. (Honours) and B.E. Minor / B.Tech. Minor programmes. The maximum number of credits that may be registered in a semester, including Honours and Minor courses, shall not exceed 36 credits. Number of SWAYAM/NPTEL online courses that can be registered shall not exceed 'TWO' per semester, subject to a maximum credit of 36, in a semester.

5.5 Reappearance Registration

5.5.1 Theory Courses

A student who fails in a theory course shall register for the reappearance examination in the subsequent semester(s) or whenever the course is offered next.

5.5.2 Attendance Requirement for Reappearance Courses

A student registering for a reappearance examination may attend the classes for the course, if desired. However, the attendance requirements prescribed under Clause 6 shall not apply to such reappearance registrations.

5.5.3 Professional Elective and Open Elective Courses

If a student fails in a Professional Elective or Open Elective course, the student may register for the same course or any other Professional or Open Elective courses respectively in the subsequent semester. However the change of elective course is permitted only once.

5.5.4 Repeat Registration

Students registering for the any other Professional Elective or Open Elective course under Clause 5.5.3 shall attend the classes, satisfy the attendance requirements prescribed under Clause 6, earn Continuous Internal Assessment marks, and appear for the Semester End Examination.

5.5.5 Courses Evaluated Through Continuous Internal Assessment

A student who fails in a course evaluated wholly through Continuous Internal Assessment shall register for and repeat the course when it is next offered, and shall fulfill all requirements prescribed for the course.

5.5.6 Prevention Due to Shortage of Attendance

A student who is prevented from appearing for the Semester End Examinations of all the courses in a semester due to shortage of attendance shall repeat the semester when it is next offered.

5.6 Flexibility to add or Drop Courses

5.6.1 A student has to earn the total number of credits specified in the Curriculum of the respective programme of study in order to be eligible to obtain the degree. However, if a student wishes, the student is permitted to earn more than the total number of credits prescribed in the curriculum by opting for one credit courses, self-study electives, or additional courses.

5.6.2 From the III to VII semesters (from IV to VII semesters in case of Lateral entry students), the student has the option of registering for additional courses or dropping existing courses. The total number of credits that a student can add or drop is limited to 8, subject to a maximum of 2 courses in a given Semester. In such cases, the attendance requirement as stated in Clause 6 is mandatory.

5.6.3 The student shall register Project work I in semester VII and Project work II in semester VIII only.

6 REQUIREMENTS FOR APPEARING FOR THE SEMESTER END EXAMINATION OF A COURSE

A student who satisfies the attendance requirements prescribed under Clauses 6.1 and 6.2 shall be deemed eligible to appear for the Semester End Examinations of the registered courses.

6.1 Attendance Requirement Every student shall attend all classes, laboratories, tutorials, seminars, and other academic activities prescribed for the courses registered during the semester. A student shall secure not less than 80% aggregate attendance in the courses registered during the semester to become eligible to appear for the Semester End Examinations.

6.2 Condonation of Attendance Shortage

A student who secures attendance between 70% and less than 80% in the aggregate during a semester may be granted condonation of shortage of attendance on any of the following grounds:

- (i) Prolonged hospitalization;
- (ii) Accident or serious illness;
- (iii) Participation in Institution, University, State, National, or International level co-curricular or extracurricular activities, with prior approval of the Head of the Department.

Such students shall submit the prescribed application for condonation together with supporting medical certificates or participation certificates duly endorsed by the Head of the Institution. The condonation application and supporting documents shall be forwarded to the Office of the Controller of Examinations for verification and approval. A student may avail attendance condonation in not more than two semesters during the entire programme of study.

6.3 Eligibility for Semester End Examination

A student shall be permitted to appear for the Semester End Examinations of the registered courses if the student:

- (i) satisfies the attendance requirements prescribed under Clauses 6.1 and 6.2; and
- (ii) has registered for the examinations and paid the prescribed examination fee.

6.4 Shortage of Attendance

A student who secures less than 70% aggregate attendance in a semester and does not satisfy the requirements prescribed under Clause 6.1 and 6.2 shall not be permitted to appear for the Semester End Examinations and shall repeat the semester when it is next offered, in accordance with the regulations in force.

6.5 Reappearance Registration

The attendance requirements prescribed under Clauses 6.1 to 6.3 shall not apply to students registering for reappearance examinations. However, such students shall register for the examination and pay the prescribed examination fee.

6.6 Improvement of Grades

A student who has successfully completed and passed a course shall not be permitted to reappear for the same course for the purpose of improving the grade obtained.

7 Faculty Mentor

To assist students in planning their academic programme and to provide guidance on academic matters, the Head of the Department shall assign a group of students to a faculty member of the Department, who shall function as the Faculty Mentor for those students. The Faculty Mentor shall advise and guide the students in course registration, reappearance registration, academic progression, and related matters. The Faculty Mentor shall also monitor the attendance and academic performance of the students and provide counselling and guidance, wherever necessary. The Faculty Mentor shall periodically communicate with the parents/guardians regarding the academic progress, attendance, and overall performance of the students.

The Faculty Mentor shall:

- (i) inform students about the academic facilities, support services, and various curricular, co-curricular, and extracurricular activities available in the Institution;
- (ii) guide students in course enrolment and registration in accordance with the curriculum and regulations;
- (iii) recommend and authorize the registration of courses at the beginning of each semester;

- (iv) monitor the academic progress, attendance, and overall performance of the students and counsel them periodically;
- (v) assist students in identifying and overcoming academic difficulties;
- (vi) facilitate effective communication between the students, parents/guardians, and the Institution on matters relating to academic progress and student development.

8 COMMITTEES

8.1 Common Course Committee

A theory course handled by more than one faculty member, including courses offered to multiple divisions of a programme, shall have a Common Course Committee.

The Common Course Committee shall comprise:

- (i) all faculty members handling the course;
- (ii) a Course Coordinator nominated by the Head of the Department in the case of multiple divisions of a programme); and
- (iii) student representatives, one from each specialization or division, registered for the course during the current semester.

The first meeting of the Common Course Committee shall be held within fifteen days from the commencement of the semester. Two additional meetings shall be conducted during the semester at appropriate intervals. During these meetings, the student representatives shall present the views, suggestions, and concerns of the students registered for the course. The Committee shall review the progress of the course and recommend measures for improving the effectiveness of the teaching-learning process. The student representatives shall communicate the important outcomes of the meetings to the students of their respective classes or divisions.

8.1.1 Functions

In addition to the meetings referred to above, the Common Course Committee, without the participation of student representatives, shall meet periodically to:

- (i) ensure uniform coverage of the syllabus;
- (ii) maintain uniform standards of evaluation;
- (iii) prepare common question papers for Continuous Internal Assessments and Semester End Examinations, wherever applicable; and

(iv) ensure consistency in assessment and grading across all divisions of the course.

8.2 Class Committee

8.2.1 Constitution

For each class, a Class Committee shall be constituted comprising:

- (i) all faculty members handling courses for the class;
- (ii) two student representatives nominated from the class; and
- (iii) a faculty member nominated by the Head of the Department as the Class Committee Coordinator, preferably a faculty member not handling any course for that class.

8.2.2 Meetings and Functions

The Class Committee shall meet three times during a semester. The first meeting shall be conducted within fifteen days from the commencement of the semester, and the remaining two meetings shall be held at suitable intervals.

The Committee shall:

- (i) review the academic progress of the class;
- (ii) consider feedback from students regarding teaching-learning processes and academic facilities;
- (iii) identify difficulties encountered by students and recommend suitable remedial measures; and
- (iv) monitor the overall academic performance of the class.

During the meetings, the student representatives shall present the views, suggestions, and concerns of the students. The student representatives shall also communicate the important outcomes of the meetings to the students of the class.

9 SYSTEM OF EXAMINATION

- 9.1** The performance of a student in each course shall be evaluated based on: (i) Continuous Internal Assessment (CIA) carried out throughout the semester; and (ii) Semester End Examination (SEE) conducted at the end of the semester, as prescribed in the Scheme of Assessment under Clause 17.

- 9.2** Each course, including theory, laboratory, project work, internship, seminar, and other academic components, shall be evaluated in accordance with the Scheme of Assessment prescribed under Clause 17.
- 9.3** The Semester End Examinations shall normally be conducted after the completion of the instructional period prescribed for the semester and upon satisfying the attendance requirements specified under Clause 6.

10 PASSING REQUIREMENTS AND PROVISIONS

10.1 Passing Requirements for Theory Courses

The passing requirements for a course shall be based on the marks obtained in both Continuous Internal Assessment and the Semester End Examination. A student shall be declared to have passed a course and earned the corresponding credits if the student secures:

- (i) not less than 50% of the total marks prescribed for the course, considering both Continuous Internal Assessment and Semester End Examination marks taken together; and
- (ii) not less than 45% of the marks prescribed for the Semester End Examination.

10.1.1 Failure and Reappearance

A student who fails to satisfy the passing requirements prescribed in Clause 10.1 shall register for and appear in the Semester End Examination of that course in the subsequent examination sessions until a pass is secured.

The Continuous Internal Assessment marks obtained during the first appearance shall be retained and considered for one subsequent attempt, except in cases covered under Clauses 5.5.4, 5.5.5, and 5.5.6, where the student is required to repeat the course and earn fresh Continuous Internal Assessment marks. From the third attempt onwards, the student shall be declared to have passed the course if the student secures the minimum of 50% in the course prescribed for the Semester End Examination, subject to the regulations in force.

10.2 Passing Requirements for Project Work

A student who fails in Project Work I shall resubmit the Project Report within thirty days from the date of publication of the results. A student who fails in

Project Work II shall resubmit the Project Report within sixty days from the date of publication of the results. The resubmitted Project Report shall be evaluated and followed by a Viva-Voce Examination. Such evaluation shall be treated as a reappearance examination, and the prescribed examination fee shall be paid. If a student fails in the resubmission and subsequent Viva-Voce Examination, the student shall register for the Project Work course again when it is next offered.

10.3 Courses Evaluated Through Continuous Internal Assessment

For courses evaluated solely through Continuous Internal Assessment, including Employability Enhancement Courses (EEC), excluding Project Work, a student shall secure a minimum of 50% of the total marks prescribed for the course to be declared to have passed. A student who fails in such a course shall register for and repeat the course when it is next offered and satisfy all the requirements prescribed for the course.

10.4 Minimum Credit Requirement

The minimum number of credits required for the award of the degree in each programme shall be as prescribed by the respective Board of Studies and approved by the Academic Council is given below:

Branch of Study	Minimum Credits	
	Regular Admission	Lateral Entry
B.E. Programmes		
Computer Science and Engineering	162	118
Electrical and Electronics Engineering	162	118
Electronics and Communication Engineering	162	118
Electronics and Instrumentation Engineering	162	118
Mechanical Engineering	162	118
Mechatronics Engineering	162	118

B.Tech. Programmes		
Agricultural Engineering	162	120
Artificial Intelligence and Data Science	162	118
Biotechnology	162	120
Information Technology	162	118

10.5 Minimum Credit Requirement

A student shall earn not less than the minimum number of credits prescribed in the curriculum of the respective programme for the award of the degree. In cases where course equivalence is considered between different regulations, and the credit structure of the equivalent courses differs, equivalence shall be determined based on the credit assignment prescribed under the regulations currently in force.

10.6 Student Migration and Credit Transfer

The transfer and normalization of credits for students migrating from other affiliated institutions to Bannari Amman Institute of Technology, or for students rejoining under a different set of regulations, shall be considered by the Board of Studies of the respective programme and approved by the Head of the Institution. The Board of Studies shall determine the equivalence of courses, credit requirements, and additional courses, if any, to be completed by the student.

10.7 Eligibility for the Award of Degree

A student shall be declared eligible for the award of the B.E. / B.Tech. Degree of the Institution if the student:

- (i) has successfully completed all the courses and other academic requirements prescribed in the curriculum of the respective programme;
- (ii) has earned the minimum number of credits prescribed for the programme;
- (iii) has satisfied all the requirements specified in these Regulations; and
- (iv) has completed the programme within the duration prescribed under vide Clause 4.

11 ASSESSMENT AND AWARD OF LETTER GRADES

11.1 The performance of a student in each course shall be evaluated through Continuous Internal Assessment and/or Semester End Examination, as prescribed in the Scheme of Assessment under Clause 17. Based on the performance of the student, Letter Grades shall be awarded in accordance with the grading system prescribed in these Regulations.

11.2 A Grade Point is a numerical value assigned to a Letter Grade on a ten-point scale, as specified in Clause 11.3.

The Credit Point earned for a course shall be calculated as follows:

Credit Point = Grade Point × Number of Credits assigned to the course

The Letter Grade awarded in a course shall indicate the level of performance of the student in that course. The performance of a student shall be reported using Letter Grades, each carrying a specified Grade Point as given in Table I. A student who secures a minimum Grade Point of 5 (Grade 'C') in a course shall be declared to have successfully completed and passed the course.

11.3 An absolute grading system shall be followed for all categories of courses. The range of marks corresponding to the Letter Grades and Grade Points shall be as specified in Table I.

Table I Range of Marks for Grades

Letter Grade	Grade Points
S (Outstanding)	10
A + (Excellent)	9
A (Very Good)	8
B + (Good)	7
B (Above Average)	6.5
C+ (Average)	6
C (Satisfactory)	5
U (Reappearance)	0
WC (Withdrawal)	0
AB (Absent)	0

SA (Shortage of Attendance)	0
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‘U’ ---Reappearance is required for that particular course

‘SA’ --- shortage of attendance (Clause 6) and hence prevented from writing end semester examination.

- 11.4** After completion of the evaluation process, Semester Grade Point Average (SGPA), and the Cumulative Grade Point Average (CGPA) are calculated using the formula:

$$\frac{SGPA}{CGPA} = \frac{\sum_i^n C_i * g_i}{\sum_i^n C_i}$$

Where

C_i : Credit allotted to the course.

g_i : Grade Point secured corresponding to the course.

n : number of courses successfully cleared during the particular semester in the case of SGPA and all the semesters, under consideration, in the case CGPA.

RA grades will be excluded for calculating SGPA and CGPA.

11.5 Absence in Semester End Examination

A student who registers for a Semester End Examination in a course but does not appear for the examination shall be deemed to have appeared for that examination for the purpose of classification of the degree, subject to the provisions of Clauses 13 and 14.

11.6 Non-Credit Courses and Co-Curricular Activities

For non-credit courses, the grades awarded shall be indicated in the Grade Sheet as prescribed under Clause 17. However, such grades shall not be considered for the computation of the Semester Grade Point Average (SGPA) or the Cumulative Grade Point Average (CGPA). For approved co-curricular activities such as NCC, NSS, NSO, YRC, and similar programmes, the status of completion shall be recorded in the Grade Sheet. Every student shall secure a minimum of 75% attendance in the prescribed training activities and shall participate in the mandatory camp(s), wherever applicable. The requirements relating to co-curricular activities shall be completed before registration for

Semester V. Successful completion of the prescribed co-curricular activity requirements shall be mandatory for the award of the degree.

11.7 Revaluation

A student may apply for revaluation of the answer script of a theory course in the prescribed format through the Head of the Department to the Office of the Controller of Examinations within the period notified by the Institution. The Office of the Controller of Examinations shall arrange for the revaluation and publish the results. Revaluation shall be permitted only for theory courses. In the case of courses comprising both theory and laboratory components, revaluation shall be permitted only for the theory component, subject to the procedure prescribed above.

11.8 Eligibility for the Award of Degree

A student shall be declared eligible for the award of the B.E. / B.Tech. Degree, provided that the student:

- (i) has successfully earned the minimum number of credits prescribed in the curriculum of the respective programme within the stipulated period;
- (ii) has successfully completed all course requirements, appeared for the Semester End Examinations, and passed all the prescribed courses within a maximum period of seven years for students admitted under Regular Admission and six years for students admitted under Lateral Entry Admission, reckoned from the date of commencement of the first semester of the programme;
- (iii) has successfully completed the prescribed NCC / NSS / NSO / YRC / Co-curricular / Extra-curricular requirements, wherever applicable;
- (iv) has no disciplinary proceedings pending against him/her; and
- (v) satisfies all other requirements prescribed by the Institution and the affiliating University for the award of the degree.

The award of the degree shall be subject to the approval of the Syndicate of the affiliating University.

11.9 Conduct of Academic Audit

The objective of the Academic Audit is to evaluate and continuously improve the quality of curriculum design, teaching-learning processes, student assessment practices, and academic outcomes. The Institution shall conduct

Academic Audits periodically to assess the effectiveness of academic processes and to identify areas requiring improvement. Academic Audits may be conducted by internal and external academic experts nominated by the Institution.

The recommendations arising from the Academic Audit shall be considered for continuous quality improvement in academic planning, curriculum delivery, assessment, and outcome attainment.

11.10 Conduct of Special Examinations

Special Examinations or Make-up Examinations may be conducted for students who are unable to appear for the regular examinations due to participation in approved academic, co-curricular, extracurricular, sports, placement, or institutional activities. The schedule for such examinations may be included in the Academic Calendar or notified separately by the Controller of Examinations. Special Examinations shall normally be conducted after the completion of the Semester End Examinations and before the publication of results of the respective semester examinations. The eligibility criteria and conduct of such examinations shall be governed by the guidelines approved by the Academic Council.

11.11 Conversion of CGPA into Percentage

For the purpose of higher studies, employment, scholarships, and other official requirements, the percentage equivalent of the Cumulative Grade Point Average (CGPA) shall be calculated as follows:

$$\text{Percentage of Marks} = \text{CGPA} \times 10$$

12 CLASSIFICATION OF THE DEGREE AWARDED

A student shall be deemed to have completed the requirements for the award of the degree if the student:

- (i) has successfully completed all the courses and other academic requirements prescribed in the curriculum of the respective programme and earned the minimum number of credits required for the award of the degree; and
- (ii) has no disciplinary proceedings pending against him/her.

12.1 First Class with Distinction and Honours

A student shall be declared to have successfully completed the degree programme with **Honours** and classified under **First Class with Distinction and Honours**, provided that the student:

- (i) has passed all the courses prescribed in the curriculum of the respective programme in the first appearance;
- (ii) has successfully completed all additional courses prescribed under the Honours programme in the first appearance, in accordance with Clause 15;
- (iii) has secured a CGPA of not less than 8.50;
- (iv) has completed the programme within the duration prescribed under Clause 4.1,4.2,4.3; and
- (v) has not been prevented from appearing for any Semester End Examination due to shortage of attendance or disciplinary action.

12.2 First Class with Distinction

A student shall be declared to have successfully completed the degree programme with **First Class with Distinction**, provided that the student:

- (i) has passed all the courses prescribed in the curriculum of the respective programme in the first appearance;
- (ii) has secured a CGPA of not less than 8.50;
- (iii) has completed the programme within the duration prescribed under Clause 4.1,4.2,4.3; and
- (iv) has not been prevented from appearing for any Semester End Examination due to shortage of attendance or disciplinary action.

Students who have opted for the Honours programme but do not satisfy the requirements prescribed under Clause 12.1, or students who have successfully completed the Minor Degree requirements, shall nevertheless be eligible for First Class with Distinction if they satisfy the requirements prescribed under this clause.

12.3 First Class

A student shall be declared to have successfully completed the degree programme with **First Class**, provided that the student:

- (i) has passed all the prescribed courses within the duration prescribed under Clause 4.1,4.2,4.3;

- (ii) has secured a CGPA of not less than 6.50; and
- (iii) has not been prevented from appearing for any Semester End Examination due to shortage of attendance or disciplinary action.

12.4 Second Class

A student shall be declared to have successfully completed the degree programme with **Second Class** if the student:

- (i) has passed all the prescribed courses within the maximum period permitted under Clause 4; and
- (ii) does not satisfy the requirements prescribed under Clauses 12.1, 12.2, or 12.3.

12.5 Degree with Minor

A student who successfully fulfills all the requirements prescribed for the award of a Minor Degree under Clause 16 shall be awarded the Minor Degree in addition to the classification earned under Clauses 12.2, 12.3, or 12.4, as applicable.

The Minor Degree shall be reflected in the Transcript and other academic records in the manner prescribed by the Institution.

13 WITHDRAWAL FROM THE EXAMINATION

13.1 A student may, for valid and genuine reasons, be permitted to withdraw from appearing for the Semester End Examination in one or more courses, only once during the entire duration of the programme. The application for withdrawal shall be submitted to the Office of the Controller of Examinations through the Head of the Department and the Head of the Institution, together with the supporting documents.

13.2 An application for withdrawal shall be considered only if:

- (i) the student satisfies the eligibility requirements prescribed under Clause 6 for appearing for the examination;
- (ii) the application is submitted at least ten working days prior to the commencement of the Semester End Examination in the course(s) concerned; and
- (iii) the application is recommended by the Head of the Department.

- 13.3** Notwithstanding the requirement of ten working days' notice, applications for withdrawal under exceptional circumstances may be considered on the merits of the case by the competent authority.
- 13.4** A student who has been granted withdrawal from a course or courses shall register for the same course(s) and appear for the Semester End Examination during a subsequent examination session.
- 13.5** Withdrawal from an examination shall not be treated as an appearance for the purpose of classification of the degree, including eligibility for First Class with Distinction and First Class.
- 13.6** Withdrawal from the Semester End Examinations of the final semester may be permitted, provided that the student remains eligible to complete the programme within the maximum duration prescribed under Clause 4.

14 AUTHORIZED BREAK OF STUDY FROM A PROGRAMME

- 14.1** A student may be permitted to avail an Authorized Break of Study for a maximum period of one academic year during the entire programme of study. Such breaks shall normally be permitted only once during the programme. A student is ordinarily expected to complete the programme without interruption. However, under exceptional circumstances such as accident, prolonged illness, hospitalization, or other genuine reasons requiring temporary discontinuance of studies, the student may apply for an Authorized Break of Study.

The application shall be submitted to the Head of the Institution through the Head of the Department, stating the reasons for the request and enclosing the necessary supporting documents. Such application shall be submitted in advance and, in any case, not later than the last date prescribed for registration for the Semester End Examinations of the semester concerned.

A student detained due to shortage of attendance as prescribed under Clause 6 shall not be considered to have availed an Authorized Break of Study.

- 14.2** A student who rejoins the programme after an Authorized Break of Study shall be governed by the curriculum and regulations in force at the time of rejoining. Wherever necessary, the student shall complete additional or equivalent courses prescribed by the Department concerned to bridge the curriculum

differences between the regulations under which the student was originally admitted and the regulations in force at the time of rejoining.

The additional or equivalent courses shall be recommended by the Head of the Department and approved by the Academic In-charge / Competent Authority of the Institution.

- 14.3** The period of Authorized Break of Study shall be counted towards the maximum duration permitted for completion of the programme and for the purpose of classification of the degree, as prescribed under Clauses 4 and 12. The total duration for completion of the programme, reckoned from the date of commencement of the first semester, shall not exceed the maximum duration prescribed under Clause 4, irrespective of the period of Authorized Break of Study.

In exceptional cases and for valid reasons as specified in Clause 14.2, the Head of the Institution may grant an additional break of study not exceeding one academic year beyond the initial Authorized Break of Study.

- 14.4** A student who fails to rejoin the programme after the expiry of the approved break period shall forfeit the right to continue the programme.

The name of such a student may be removed from the rolls of the Institution, and readmission thereafter shall be permitted only in accordance with the regulations and policies of the Institution in force at that time.

15 IMPLEMENTATION OF HONOURS DEGREE

15.1 General Provisions

The Honours Degree option provides an opportunity for academically proficient students to pursue advanced learning in their major discipline through additional coursework. Students may earn the Honours Degree by successfully completing the prescribed additional requirements, over and above the curriculum of the respective programme, from Semester V onwards.

The additional requirements shall consist of:

six additional elective courses prescribed under the Honours Vertical.

Students shall earn a minimum of eighteen additional credits as prescribed in the curriculum.

(a) Students admitted under Clause 1.1 shall be eligible to register for the Honours Degree if they have secured a minimum CGPA of 7.00 in Semester III and IV and have no history of arrears from first semester.

(b) Students admitted under Clause 1.2 (Lateral Entry) shall be eligible to register for the Honours Degree if they have secured a minimum CGPA of 7.00 in Semester III and IV without any backlog arrears in Third and Fourth semesters.

The registration for the Honours Degree shall be subject to the approval of the Head of the Department.

15.2 Honours through Additional Elective Courses

15.2.1 Eligibility Criteria

Students may earn the Honours Degree by successfully completing six additional elective courses from the Honours Vertical prescribed in the curriculum during Semesters V to VII. The student shall earn eighteen additional credits through these courses. The evaluation and passing requirements shall be as prescribed for theory courses under Clause 17.

15.2.2 Award of Honours

A student who successfully completes all six Honours Elective Courses, secures a CGPA of 8.50 or above, and has no history of arrears shall be awarded the Honours Degree.

15.2.3 Discontinuation of Honours

A student who chooses to discontinue the Honours programme may retain the credits earned through the completed Honours courses, subject to the equivalence and credit transfer provisions approved by the Department and Academic Council.

15.2.4 Treatment of Additional Courses

Where a student completes elective courses in excess of the minimum programme requirements, the courses and grades earned shall be recorded in the Grade Sheet. The methodology for inclusion of such courses in the computation of CGPA shall be as prescribed by the Academic Council from time to time.

16 IMPLEMENTATION OF MINOR DEGREE

16.1 General Provisions

The Minor Degree option enables students to acquire additional knowledge and competencies in a discipline other than their parent discipline through structured coursework.

A student may be awarded a Minor Degree upon successful completion of the prescribed additional courses, over and above the curriculum requirements of the parent programme, from Semester V onwards.

16.2 Credit Requirement

A student shall earn a minimum of eighteen additional credits for the award of a Minor Degree. The distribution of credits shall be as prescribed in the respective curriculum.

16.3 Eligibility for Students Admitted under Clause 1.1

A student admitted under Clause 1.1 shall be eligible to register for a Minor Degree if the student:

- (i) has secured a minimum CGPA of 7.00 in Semester III and IV; and
- (ii) has no history of arrears from the first semester at the time of registration for the Minor Degree.

16.4 Eligibility for Students Admitted under Clause 1.2

A student admitted under Clause 1.2 (Lateral Entry) shall be eligible to register for a Minor Degree if the student:

- (i) has secured a minimum CGPA of 7.00 at the end of Semester IV; and
- (ii) has no current arrears in Third and Fourth semesters at the time of registration for the Minor Degree.

16.5 Registration for Minor Degree

A student may register for a Minor Degree from Semester V onwards by registering for the courses prescribed under the Minor curriculum offered by a department other than the student's parent department.

The evaluation and passing requirements for the Minor Degree courses shall be as prescribed for theory courses under Clause 17.

16.6 Requirements for the Award of Minor Degree

To qualify for the award of a Minor Degree, a student shall:

- (i) successfully complete all the courses prescribed in the Minor curriculum;

- (ii) earn the prescribed eighteen additional credits; and
- (iii) satisfy all other requirements prescribed by the Institution.

The grades obtained in the Minor Degree courses shall be included in the computation of CGPA in accordance with the regulations in force.

16.7 Discontinuation of Minor Degree

A student who chooses to discontinue the Minor Degree programme after successfully completing one or more Minor courses may retain the credits earned.

The equivalence of such courses, if any, towards Open Elective requirements shall be determined by the Department concerned and approved by the Academic Council, subject to the condition that the course content does not substantially overlap with the student's parent curriculum.

16.8 Treatment of Additional Courses

Where a student completes courses in excess of the minimum requirements prescribed for the Minor Degree or the parent programme, the additional courses and grades earned shall be reflected in the Grade Sheet.

The methodology for inclusion of such courses in the computation of CGPA shall be as prescribed by the Academic Council from time to time.

16.9 Nomenclature of Minor Degree

The Minor Degree shall be reflected in the Degree Certificate and Academic Transcript in the following format:

“B.E. / B.Tech. in XYZ Engineering with Minor in ABC”

where: **XYZ** denotes the Major Discipline of study; and **ABC** denotes the Discipline in which the Minor Degree is awarded.

16.10 Restriction

A student shall be permitted to register for either the Honours Degree or the Minor Degree, but not both, during the course of study.

17 SCHEME OF ASSESSMENT

The performance of a student in each course shall be assessed through Continuous Internal Assessment (CIA) and Semester End Examination (SEE), or through Continuous Internal Assessment alone, as specified in the curriculum and the Scheme of Assessment. The semester-wise academic performance of students shall be evaluated

in accordance with the assessment pattern prescribed for the respective category of courses.

17.1 Theory Courses

For Theory (T) Courses, evaluation shall be based on Continuous Internal Assessment and Semester End Examination. Each Theory Course shall carry a maximum of 100 marks, distributed as follows:

Components	Marks
Continuous Internal Assessment (CIA)	40
Semester End Examination (SEE)	60
Total Marks	100

The Continuous Internal Assessment marks for a Theory Course shall be computed based on the marks obtained in the prescribed Internal Assessments and other assessment components, as specified in Table.

Weightage for Continuous Internal Assessment in Theory (T) Courses

Components	Marks
Assessment I	14
Assessment II	14
Activities (as specified in syllabus)	12
Total	40

Semester End examination shall be conducted for 100 marks with a duration of THREE hours.

17.2 Laboratory Courses

For Laboratory (L) Courses, evaluation shall be based on Continuous Internal Assessment and End Semester Practical Examination.

The distribution of marks shall be as follows:

Components	Marks
Continuous Internal Assessment	60
End Semester Practical Examination	40
Total	100

The Continuous Internal Assessment shall be based on the student's performance in laboratory work, observation, record maintenance, practical skills, and other activities as prescribed.

Weightage for Continuous Internal Assessment in Laboratory Courses

Components	Marks
Preparation	10
Experiment and Analysis of Results	10
Record	10
Test – Cycle I	15
Test – Cycle II	15
Total	60

Semester End examination shall be conducted for 100 marks with a duration of THREE hours.

17.3 Project Work I /II

Project Work may be carried out individually or by a group of students, not exceeding three in number, under the guidance of a faculty member designated as the Project Guide.

Project evaluation shall be based on Continuous Internal Assessment, Project Report Evaluation, and Viva-Voce Examination. The Project Review Committee shall be constituted by the Head of the Department.

Assessment for Project Work I /II

Components	Marks
Continuous Internal Assessment (CIA)	60
Distribution of marks for CIA	
Review I	10
<i>a. Problem Statement and Literature Survey</i>	5
<i>b. Work plan</i>	5
Review II	20
<i>a. Methodology and Approach</i>	10
<i>b. Work Contribution</i>	5
<i>c. Presentation and viva voce</i>	5

Review III	30
<i>a. Results & Discussions</i>	5
<i>b. Presentation and viva voce</i>	5
<i>c. Report and Contribution</i>	10
<i>d. Publication</i>	10
Semester End Examinations (SEE)	40
<i>a. Presentation</i>	15
<i>b. Viva voce</i>	15
<i>c. Report</i>	10
Total	100

17.4 Internship / Industrial Training/Summer Internship

A student shall undergo Internship / Industrial Training for the duration prescribed in the curriculum.

The organization in which the Internship / Industrial Training is undertaken shall be engaged in activities related to Design, Development, Fabrication, Manufacturing, Production, Testing, Research and Development, Consultancy, or Professional Services relevant to the programme of study.

Upon completion of the Internship / Industrial Training, the student shall submit:

- (i) an Internship / Industrial Training Report; and
- (ii) a Certificate of Completion and Attendance issued by the organization concerned.

The assessment shall be carried out as follows:

Assessment for Internship / Industrial Training

Components	Marks
Midterm Review	30
Final Presentation	30
Viva-voce	20
Case Study / Report	20
Total	100

At least 10% of the marks awarded for the Viva-Voce Examination shall be based on the feedback/evaluation provided by the organization concerned.

17.5 Community Engagement Project

A Community Engagement Project shall provide students with an opportunity to engage with the community and apply their knowledge and skills to identify, understand, and address real-world social or community-related issues through appropriate activities, analysis, design, or practical interventions

The Head of the Department shall constitute a Review Committee for assessment.

Assessment for Community Engagement Project

Components	Marks
Continuous Internal Assessment (CIA)	60
Distribution of marks for CIA	
Review I	30
<i>a. Understanding of community and problem identification</i>	<i>10</i>
<i>b. Data collection and feasibility of proposed intervention</i>	<i>10</i>
<i>c. Individual Contribution and presentation</i>	<i>10</i>
Review II	30
<i>a. Analysis of identified problem</i>	<i>10</i>
<i>b. Impact / outcome of the intervention</i>	<i>10</i>
<i>c. Individual Contribution and presentation</i>	<i>10</i>
Semester End Examinations (SEE)	40
<i>a. Presentation</i>	<i>15</i>
<i>b. Viva voce</i>	<i>15</i>
<i>c. Report</i>	<i>10</i>
Total	100

Students shall submit the project report in the prescribed format within the timeline specified by the Department.

17.6 Innovation and Product Development Project

An Innovation and Product Development Project shall provide students with an opportunity to identify real-world problems and develop innovative solutions through ideation, design, prototyping, experimentation, and validation.

The Head of the Department shall constitute a Review Committee for assessment.

Assessment for Innovation and Product Development Project

Components	Marks
Continuous Internal Assessment (CIA)	60
Distribution of marks for CIA	
Review I	30
a. Problem identification and Literature Survey	10
b. Work Plan	5
c. Proposed Methodology	5
d. Individual Contribution and presentation	10
Review II	30
a. Technical implementation	10
b. Prototype / simulation / proof-of-concept demonstration	10
c. Individual Contribution and presentation	10
Semester End Examinations (SEE)	40
a. Presentation	15
b. Viva voce	15
c. Report	10
Total	100

Students shall submit the project report in the prescribed format within the timeline specified by the Department.

17.7 Course on Standards

The Course on Standards is a discipline-specific course intended to equip students with knowledge of relevant engineering standards, codes, and professional practices.

The course shall be evaluated solely through Continuous Internal Assessment. A minimum of two assessment tests shall be conducted:

- (i) one Mid-Semester Test; and
- (ii) one End-Semester Test.

Both tests shall carry equal weightage of 50 marks.

No Semester End Examination shall be conducted for this course.

17.8 a Communicative English/ Professional Communication

For this course, evaluation shall be based on Continuous Internal Assessment (CIA) and the Semester End Examination (SEE). The course carries a maximum of 100 marks, with 60 marks allocated to CIA and 40 marks allocated to SEE.

Assessment for Communicative English/ Professional Communication

Components	Marks
Continuous Internal Assessment (CIA)	60
Distribution of marks for CIA	
Assessment I a. Paragraph writing b. Descriptive/narrative writing c. Grammar and vocabulary in context d. Sentence construction e. Short professional communication task	15
Assessment II a. Essay/extended writing b. Formal email/letter c. Report or summary writing d. Professional writing e. Application of grammar and vocabulary	15
Activity I a. Audio comprehension b. Listening for specific information c. Note-taking / interpretation	15 5 5 5
Activity II a. Individual speaking / presentation b. Role play / Dialogue c. Group discussion	15 5 5 5
Semester End Examinations (SEE) Reading Comprehension, Writing Skills and Grammar & Vocabulary / Language Use	40
Total	100

Semester End examination shall be conducted for 100 marks with a duration of THREE hours.

b Tamil Courses

Two courses on 'Heritage' are offered to foster an appreciation of cultural diversity and promote inclusivity in a globalized world. Evaluation for these courses shall be based on Continuous Internal Assessment (CIA) and the Semester End Examination (SEE). Each course carries a maximum of 100 marks, distributed as 40 marks for CIA and 60 marks for SEE.

The Continuous Internal Assessment (CIA) marks shall be computed based on two assessment components:

Components	Marks
Continuous Internal Assessment (CIA)	40
Distribution of marks for CIA	
<i>Quiz/ Assignment</i>	20
<i>Case study report</i>	20
Semester End Examinations (SEE)	60
Total	100

The Semester End Examination (SEE) accounts for the remaining 60 marks of the evaluation scheme. The examination itself shall be conducted for 100 marks with a duration of THREE hours.

17.9 Design Thinking and Innovation

Evaluation for the Design Thinking course shall be based on Continuous Internal Assessment (CIA) and the Semester End Examination (SEE). The course carries a maximum of 100 marks, with 60 marks allocated to CIA and 40 marks allocated to SEE.

The Continuous Internal Assessment (CIA) marks shall be computed based on two assessment components:

Components	Marks
Continuous Internal Assessment (CIA)	60
Distribution of marks for CIA	
Review I	30
a. Problem identification	10
b. User Analysis and Empathy map	10
c. Ideation & Application of tools	10
Review II	30
a. Design Approach	5
b. Simulation / 3D Modelling / Digital Prototype	10
c. Validation & Iterative Improvement	5
d. Presentation and Teamwork	10
Semester End Examinations (SEE)	40
a. Presentation and Viva voce	15
b. Outcome / Digital Prototype Demonstration	15
c. Report	10
Total	100

17.10 Publication of Results and Revaluation

- (i) The results of the Semester End Examinations shall normally be published within twenty working days from the date of completion of the examinations.
- (ii) A student may apply for revaluation of answer scripts in accordance with the procedures prescribed by the Controller of Examinations.
- (iii) Revaluation shall not be permitted for courses evaluated solely through Continuous Internal Assessment.

17.11 Failure to Satisfy Passing Requirements

A student who fails to satisfy the passing requirements prescribed under Clause 10 shall be governed by the following provisions:

(a) Theory and Laboratory Courses

The student shall register for and appear in the End Semester Examination during a subsequent examination session.

The Continuous Internal Assessment marks obtained in the first appearance shall be retained in accordance with Clause 10.1.1.

(b) Project Work, Internship / Industrial Training and Mini Project

A supplementary Viva-Voce Examination may be conducted within a minimum period of 30 days from the publication of results.

A student who fails to satisfy the passing requirements in the supplementary examination shall register for and repeat the course when it is next offered.

(c) Course on Standards

Special instructional sessions may be arranged by the Institution during the subsequent semester.

Students who fail to satisfy the passing requirements after such special sessions shall repeat the course when it is next offered.

17.12 Optional Test

A student may be permitted to appear for an Optional Test conducted after Periodical Test–II under any of the following circumstances:

- (i) absence from Periodical Test–I or Periodical Test–II due to hospitalization, accident, or other valid medical reasons supported by documentary evidence;
- (ii) participation in Institution, University, State, National, or International level events with prior approval of the Head of the Institution; or

(iii) any other exceptional circumstance approved by the Head of the Institution.

The student shall apply for the Optional Test through the Course Instructor and the Head of the Department in the prescribed format within the stipulated time.

18 PERSONALITY AND CHARACTER DEVELOPMENT

Every student shall successfully complete a minimum of **40 hours** of approved Personality and Character Development activities during the programme of study. Such activities may include, but are not limited to, **NSS, NCC, YRC, Yoga, Sports and Games, Technical Clubs, Non-Technical Clubs, and other Institution-approved student development activities.**

The attendance and participation records for these activities shall be maintained by the respective Faculty Coordinator / Club Coordinator and shall be submitted to the Office of the Controller of Examinations at the end of each semester, and in any case before the commencement of the Semester End Examinations of Semesters I to IV.

Successful completion of the prescribed 40 hours of Personality and Character Development activities shall be a mandatory requirement for the award of the degree.

19 DISCIPLINE

Every student shall abide by the rules, regulations, policies, and codes of conduct prescribed by the Institution and the affiliating University, as amended from time to time. Any violation of the rules, regulations, policies, or codes of conduct shall be dealt with in accordance with the procedures and disciplinary regulations in force.

20 MALPRACTICE

A student who indulges in any form of malpractice, misconduct, impersonation, use of unfair means, or violation of examination regulations during Continuous Internal Assessments, Semester End Examinations, practical examinations, project evaluations, or any other academic activity shall be liable for disciplinary and punitive action as prescribed by the Institution and/or the affiliating University from time to time.

The decision of the competent authority with respect to malpractice cases shall be final and binding.

21 REVISION OF REGULATIONS, CURRICULUM AND SYLLABI

The Institution reserves the right to revise, amend, modify, or change these Regulations, Curriculum, Syllabi, Scheme of Assessment, Examination System, Credit Requirements, and any other academic provisions from time to time, based on the recommendations of the Academic Council and/or in compliance with the guidelines, regulations, directives, or notifications issued by the University Grants Commission (UGC), All India Council for Technical Education (AICTE), the Affiliating University, Government of Tamil Nadu, or any other statutory authority.

Such amendments, modifications, or changes shall take effect from the date specified by the competent authority and shall be applicable to such batches of students, including those already undergoing the programme, as may be decided by the Academic Council and approved by the appropriate authority.