PSG Institute of Technology and Applied Research
Coimbatore - 641 062

(Autonomous Institution Affiliated to Anna University)



2025 Regulations

for

M.E. Degree Programmes

PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH
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2025 REGULATIONS OF M.E. DEGREE PROGRAMMES

(For the batches of students admitted in 2025-2026 and subsequently under Choice Based Credit System)

NOTE: The regulations hereunder are subject to amendments as may be made by the Academic Council of the College from time to time. Any or all such amendments will be effective from such date and to such batches of students (including those already in the middle of the programme) as may be decided by the Academic Council.

1. a. PRELIMINARY DEFINITIONS AND NOMENCLATURE

In the following Regulations, unless the context otherwise requires

i. "Programme" means degree programme, that is M.E. degree programme
ii. "Branch" means specialization or discipline of M.E. degree programme, like Engineering Design, Structural Engineering etc.
iii. "Course" means a theory or laboratory course that is normally studied in a semester.
iv. "University" means Anna University, Chennai.

b. CONDITIONS FOR ADMISSION

Students for admission to the first semester of the M.E. degree programme of Anna University, Chennai will be required to satisfy the eligibility qualification for admission in section 3 or any other examination of any recognized University or authority accepted by Anna University, Chennai as equivalent thereto. The students shall also be required to satisfy all other conditions of admission thereto prescribed by the University and Government of Tamil Nadu.

2. DURATION OF THE PROGRAMME

i. **Minimum Duration:** The programme will extend over a period of two academic years for Full Time leading to the Degree of Master of Engineering M.E. of the University, an academic year being divided into two semesters. Each semester shall normally consist of 90 working days including examination days.

ii. **Maximum Duration:** Maximum duration is 4 years in case of full-time programme, this duration is to be reckoned from the commencement of the semester to which the student was first admitted to the programme.

3. QUALIFICATIONS FOR ADMISSION

The various M.E. degree programmes offered and the eligible qualifications for admission to the respective programmes are listed below:

Department	**M.E. Degree Programme offered**	**Eligible Qualification for Admission** *(Note 1)*	**Minimum Latest Credits**
Civil Engineering	M.E. - Structural Engineering	As per ANNA UNIVERSITY norms	70
Computer Science and Engineering	M.E. - Computer Science		70
Mechanical Engineering	M.E. - Engineering Design		70

Note 1: Eligible Qualification is subject to amendments as may be made by the University from time to time

4. STRUCTURE OF PROGRAMMES

i. The course work of the odd semesters will normally be conducted only in odd semesters and that of the even semesters only in even semesters.

ii. **Curriculum:** The curriculum for each programme includes courses of study and detailed syllabi. The courses of study include twelve professional core courses (eight theory courses and four laboratory courses), four professional elective (theory) courses, one Research Methodology and IPR course (RMC), an Industrial Visit & Technical Seminar, two Audit Courses, Project Work I and Project Work II as given in section 13. The hours/week listed in section 13 for each of the course refer to periods/week, each period being of 50 minutes of duration.

Full-Time Programme: Every full-time student will normally undergo the courses of his/her programme given in section 13 in various semesters as shown below:

Semester 1:	Five professional core theory courses, two professional core laboratory courses, one audit course and one RMC course
Semester 2:	Three professional core theory courses, two professional elective courses, two professional core laboratory courses, one audit course and one Industrial Visit & Technical Seminar course
Semester 3:	Two professional elective course and Project Work I
Semester 4:	Project Work II

iii. **Core/Elective Courses:** Every student shall undergo eight professional core courses (Theory/Laboratory) and four professional elective courses as given in section 13. Every student shall opt for electives from the list of electives relating to his/her degree programme as given in section 13 in consultation with the tutor, programme coordinator and the head of department. Minimum number of credits to be earned for courses under the category ‘‘Professional Electives” is 12. However, a student may be permitted to take a maximum of two professional electives from the list of professional elective courses of other ME degree programmes with specific permission from both the head of department of student and the head of the department offering the programme.

iv. **Laboratory Courses:** Every student shall undergo four laboratory courses as given in section 13 relating to his/her degree programme.

Every laboratory course shall be evaluated based on conduct of experiments/mini projects/development of software packages and report submitted.

v. **Audit Courses:** Every student shall undergo two audit courses as given in section 13. These are the courses for the purposes of self-enrichment and academic exploration. There is no requirement on minimum number of credits to be earned for this category of courses but a **pass** is mandatory. The students will be evaluated and the Pass/ Re-appearance (RA) will be transferred to grade sheet. Assessment includes presentations on literature review from reputed journal papers, preparation of review papers, presentation of technical reports and viva voce. However, this assessment is not included in the computation of CGPA.

vi. **Project Work:** Every student shall undertake Project Work I during the third semester and Project Work II during the fourth semester. The Project Work I or Project Work II shall be undertaken in an Industrial / Research Organization or in the College in consultation with the faculty guide and the head of department. In case of Project Work at Industrial / Research organization, the same shall be jointly supervised by a faculty guide and an expert from the organization.

vii. **Industrial Visit and Technical Seminar:** A minimum of two industrial visits are to be arranged as part of the course and the students are expected to make a presentation based on their learning on product, design, technology and manufacturing processes in the industrial visits.

Every student, shall make presentations on technology review from international journals/patents relevant to the technology used in the organization of his/her choice of industrial visit. The student shall also submit a report highlighting the summary of the presentations in an appropriate format at the end of the semester.

viii. **Online Courses (SWAYAM based NPTEL, GIAN):** Students can register and earn credits for online courses approved by department committee consisting of head of department, programme coordinator, tutor and subject expert. Students who complete relevant online courses (having 3 credits only) successfully to a maximum of 6 credits may obtain exemption from studying two Professional Electives. The list of online courses is to be approved by Chairman - Academic Council on the recommendation of head of department at the beginning of the semester if necessary, subject to ratification in the subsequent Academic Council meeting. For earning credits through online courses, students will be evaluated within the institute and will be recommended grades based on the scheme of evaluation given in Section 8, (x) h and grading system given in Section 8, (vi) b. Students may do online courses during the second semester and third semester.

ix. **Self-Study Courses**

A student can opt for self-study of a professional elective on specific approval of head of department provided the student does not have current arrears.

The students shall study on their own under the guidance of a faculty member approved by the Head of the Department who will be responsible for the periodic monitoring and evaluation of the course. No formal lectures would be delivered. The self-study course can be considered as equivalent to studying one professional elective course.

x. **One-Credit Courses:** Students can also opt for industry oriented one credit courses of 15 hours duration which will be offered by experts from industry/other institution on specialized topics apart from the prescribed courses of study of the programme. Students can complete such one credit courses during the semester two and three, as and when these courses are offered by the department. A student will also be permitted to enroll for one credit courses of other departments provided the student has fulfilled the necessary pre-requisites of the course being offered subject to approval by both the heads of departments. However, the grades earned by the students in one credit courses will not be included in the computation of CGPA.

xi. **Industrial Training / Internship**

The student may undergo Industrial Training/Internship optionally at the end of second semester and the credits earned will be indicated in the Mark Sheet. If the student earns three credits in Industrial Training/Internship, the student may drop one Professional Elective. In such cases, Industrial Training/Internship need to be undergone continuously from one organization only. However, if the number of credits earned is 1 or 2, these credits shall not be considered for classification of the degree.

Duration of the training / internship	Credits
2 Weeks	1
4 Weeks	2
6 Weeks	3

xii. **One-year internship**

Students who do not have history of reappearance or redo in courses in the previous semesters and have a CGPA of 8.5 or more at the end of second semester are allowed to undergo one-year internship in their second year as a part of their Project Work I and Project Work II. The students interested in undergoing such internships with prior permission from the head of the department/institution shall complete all the courses listed in their third semester scheme by opting the following procedure after getting prior approval from the Head of the Institution:

(1) Industrial Training/Internship (section xi above) at the end of second semester for one professional elective.
(2) Completing one additional professional elective in the second semester.

They shall duly follow the evaluation procedures prescribed for such courses. They shall also undergo the internship for the entire year in a single organization/industry.

xiii. **Course Enrollment and Registration**

a) Each student, on admission shall be assigned to a Tutor who shall advice and counsel the student about the details of the academic programme and the choice of courses considering the student's academic background and career objectives.

b) Each student on admission shall register for all the courses prescribed in the curriculum in the student's first semester of study.

c) From second semester onwards, a student has the option to drop a maximum of one theory course except professional core course in a semester and a student has the option to study additionally one theory course which shall be only professional electives. However, the maximum number of credits the student can register in a particular semester cannot exceed 30 credits including courses for which the student has registered for redoing.

d) In case of a student dropping a course of study (other than professional core courses) in one semester, he/she shall register for that course in the next given opportunity and earn necessary attendance in that course exclusively to become eligible to appear for the semester examination in that course.

e) The courses to be offered in a semester for candidates who need to redo (as per 5 (iii) a) etc., will be decided by head of department.

f) After registering for a course, a student shall attend the classes, satisfy the attendance requirements, earn Continuous Assessment marks and appear for the End-Semester Examinations.

The enrollment for the courses of the Semesters II to IV will commence 10 working days prior to the last working day of the preceding semester. The student shall enroll for the courses with the guidance of the Tutor. If the student wishes, the student may drop or add a course subject to eligibility within five working days after the commencement of the concerned semester and complete the registration process duly authorized by the Tutor.

xiv. **Credit assignment:** Each course is assigned certain number of credits based on the following:

Contact Period per week	**Credits**
One Lecture Period	1
One Tutorial Period	1
Two Practical Periods (Laboratory / Seminar / Project Work I & II etc.)	1
Audit Courses	No Credits

The contact periods per week for practical can only be in multiples of 2. The exact number of credits assigned to the different courses is shown in section 13.

xv. **Minimum Credits:** For the award of the degree, the student shall earn the minimum number of credits as shown in section 3 by passing the prescribed number of courses of study as shown in section 13. The prescribed credit range for the curriculum of various programmes is as in section 4 (iii).

xvi. **Medium of Instruction:** The medium of instruction, examinations, project report etc. shall be English.

5. REQUIREMENTS OF ATTENDANCE AND PROGRESS

i) A student will be qualified to appear for end semester examinations in a particular course of a semester only if

a) he / she has satisfied the attendance requirements as per the norms given below:

- Shall secure not less than 75% attendance in that course
- If a student secures attendance 65% or more but less than 75% in any course in the current semester due to medical reasons (hospitalization / accident / specific illness) or due to participation in the College / University / State / National / International level Sports events with prior permission from the Chairman, Sports Board and Head of the Department concerned, the student shall be given exemption from the prescribed attendance requirement and the student shall be permitted to appear for the end semester examination of that course.

b) his / her academic progress has been satisfactory

c) his / her conduct has been satisfactory.

ii) A student shall normally be permitted to appear for End semester examination of the courses if the student has satisfied the attendance requirements (vide Section 5(i)) and has registered for examination in those courses of that semester by paying the prescribed fee.

iii) a) Students who do not satisfy section 5(i) will not be permitted to appear for the End semester Examination / Evaluation of that course/s. They have to register and redo that course/s in a subsequent semester when it is offered next, earn necessary attendance and CA mark and appear for end semester examinations.

b) If the total number of "Redo" courses at the end of any semester is more than TWO, the student will not be eligible to register for next immediate semester courses. Such students will be permitted to register for those courses only when offered next, subject to fulfillment of the above condition.

c) If a student with more than TWO "Redo" courses is in the last batch of his / her current regulations, then he / she has to redo two equivalent courses from the next regulations when it is offered. If such equivalent courses are not available in the next regulations, he/she has to complete the redo courses in a self-study mode following the guidelines given in 4 (ix).

iv) A student who has already appeared for a course in a semester and passed the examination is not entitled to reappear in the same course for improvement of letter grades / marks.

6. DISCIPLINE

i) Every student is required to observe discipline and decorous behavior both inside and outside the college and not to indulge in any activity which will tend to bring down the prestige of the college. The head of the institution shall constitute a disciplinary committee to enquire into acts of indiscipline and notify the punishment.

ii) If a student indulges in malpractice in any of the examinations, he / she shall be liable for punitive action as decided by the head of the institution.

7. PROCEDURE FOR REJOINING THE PROGRAMME

A student who desires to rejoin the programme after a period of discontinuance, may rejoin the semester which he / she is eligible or permitted to join, only at the time of its normal commencement for a regular batch of students and after obtaining the approval from the University and Commissioner of Technical education. No student will however be enrolled in more than one semester at any time.

8. ASSESSMENT AND PASSING REQUIREMENTS

i. **Assessment:** The assessment will comprise of Final Examination (FE) and / or Continuous Assessment (CA), carrying marks as specified in the scheme in section 13. The CA marks will be awarded on assessing the student continuously during the semester as per guidelines 8 (x). All the courses will be assessed by absolute grading system. However, for the purpose of reporting the performance of a student, letter grades and grade points will be awarded as per section 8 (vi).

For Theory courses, the CA marks will be scaled down from 50 to 40 marks and the Final Examination (FE), which will be conducted for 100 marks, will be scaled down to 60 marks and the total being 100 marks (CA 40 + FE 60). For Laboratory courses including Project work, the Continuous Assessment (CA) marks will be scaled up from 50 to 60 marks and the Final Examination (FE) marks which will be conducted for 50 marks will be scaled down to 40 marks and the total being 100 marks (CA 60 + FE 40).

ii. **Semester End Examinations:** Semester end examinations will normally be conducted during October / November and during March / April of each year. Reappearance examinations may be conducted at such times as may be decided by the college.

A student will be permitted to appear for the final semester examination in a course only if he / she has completed the study of that course.

iii. **Project Work I:** Every student shall submit a report on Project Work I on dates announced by the department through the faculty guide to the head of department. If a student fails to submit the report on Project Work I on or before the specified date, he/she is deemed to have failed in it.

The student shall also present seminars about the progress of the Project Work I during the appropriate semester. The seminars shall be presented before a review committee constituted by the head of department.

The Project Work I will be evaluated based on the seminars, report and a viva voce examination. The viva voce examination will be carried out by a team of faculty appointed by the head of department in the presence of the faculty guide.

iv. **Project Work II:** Every student shall submit a report on Project Work II on dates announced by the Principal through the faculty guide to the head of department. If a student fails to submit the report on Project Work II on or before the specified date, he / she is deemed to have failed in it.

The student shall also present seminars about the progress of the Project Work II during the appropriate semester. The seminars shall be presented before a review committee constituted by the head of department.

The Project Work II will be evaluated based on the seminars, report and a viva voce examination. The viva voce examination will be carried out by a team consisting of an internal examiner, usually the faculty guide and an external examiner, appointed by the Principal.

v. **Industrial Visit & Technical Seminar:** Every student will be evaluated based on two presentations (i) technical / research papers (ii) industrial visits. A technical report submitted by the student will also be evaluated by a committee nominated by the Head of the department.

There will be a viva voce examination on the dates announced by the department to verify the depth of understanding of the student in both the technical topic and the industrial visits.

vi. **Grade and Grade Point:** Each student, based on his / her performance, will be awarded a final grade and grade point as given below for each course at the end of each semester by following absolute grading system.

Absolute Grading System

a) For all types of courses, the total mark M (i.e. the sum of continuous assessment marks and end-semester examination marks) is computed for every candidate.

b) Absolute grading system shall be followed for all categories of courses. The range of marks for corresponding grades is given below.

Mark Range	Letter Grade	Grade Point (g)
91 - 100	S (Outstanding)	10
81 - 90	A+ (Excellent)	9
71 - 80	A (Very Good)	8
66 - 70	B+ (Good)	7
61 - 65	B (Above Average)	6.5
56 - 60	C+ (Average)	6
50 - 55	C (Satisfactory)	5
< 50	RA (Re-appearance)	0
-	SA (Shortage of Attendance)	0
-	W (Withdrawal of Course)	0

c) If a student secures a mark as detailed below he/she declared as fail (RA) in that course.

Marks scored in ESE is less than 45% (or) M less than 50% of total marks	Grade : RA

RA denotes reappearance in a course

d) For the course with CA 100%, the passing minimum is 50%

vii. **Cumulative Grade Point Average:** After the completion of the programme, the Cumulative Grade Point Average (CGPA) from the semester in which the student has joined first to the final semester is calculated using the relationship:

$$CGPA = \frac{\sum g_i \times C_i}{\sum C_i}$$

where, g_i is grade point secured for i^{th} course. C_i is credit allotted for the ith course.

viii. **Passing a course:**

a. A student shall be deemed to have passed a theory course, laboratory course, Industrial Visit and Technical Seminar, Project Work I, Project Work II, Online Courses, Research Methodology and IPR with CA and FE components, if he / she secures at least 45% of the total marks in the final examination and he / she secures not less than 50% of total marks [CA and FE put together].

A student is deemed to have passed in any course carrying only continuous assessment marks or Final Examination marks like Audit course and Industrial Training / Internship, if the total mark secured by him / her is at least 50%.

b. A student who is absent or has failed in the semester end examinations in any theory course has to register for the subsequent examination in that theory course when it is offered next time, either by retaining or by not retaining the CA marks already earned.

   i. A student who chooses to register as retaining CA may continue to appear for further appearances in that option or at any time can switch over to the option not retaining CA.

   ii. A student who chooses the option as not retaining CA shall have to continue to register for further appearances in that option only till he / she obtains a pass. In such case, the maximum grade that will be awarded to the students who appear in the Reappearance Examination will be capped at "A"

For students who chooses the option of not retaining CA, the following grading pattern is applicable

Range of percentage of total marks	**Letter grade**
71 to 100	A
61 to 70	B+
56 to 60	B
50 to 55	C
0 to 49 or less than 45% in final examination	RA

c. A student who after having earned necessary attendance, is absent for semester end examination or has failed in any other course like Laboratory Course, Industrial Visit and Technical Seminar, Industrial Training / Internship, Project Work I etc. with CA and FE components (except theory course with CA and FE components) or in any course carrying only Continuous Assessment marks will register for the examinations when it is conducted next time and will be solely assessed in the final examinations carrying the entire marks of that course.

d. A student who has earned necessary attendance in the course Project work II but does not submit the report on Project Work II on or before the date specified by the college / department, he/she shall be deemed to have failed in the Project work II and awarded grade RA and will have to register for the same at the beginning of the subsequent semester, redo and submit the project report at the end of that semester and appear for the final examination, the CA mark earned afresh.

e. A student who has earned necessary attendance in the course Project work II but whose project report is not accepted for reasons of incompleteness or other serious deficiencies will be treated as 'absent' and will have to register for the same at the beginning of the subsequent semester, redo and submit the project report at the end of that semester and appear for the final examination, the CA mark earned a fresh.

f. A student who has submitted the report on Project Work II, but could not appear for the semester end examination on the scheduled date, shall be deemed to have failed in the Project work II and awarded grade RA and will have to register for the same at the beginning of the subsequent semester, Redo and submit the project report at the end of that semester and appear for the final examinations, the CA mark earned afresh. The same shall be applicable also to candidates who fail in the Project work.

g. If a student is absent or has failed in an elective course, he/she may register for the same course as detailed in viii (b) above or for any other elective in the subsequent semester by registering afresh.

h. A student who is not eligible to write the end semester examination in any course due to lack of attendance, will be awarded grade SA and the student has to register for that course again, when offered next, attend the classes and fulfill the attendance requirements as per section 5. If the course, in which the student has lack of attendance is a Professional Elective, the student may register for the same or any other Professional Elective course in the subsequent semesters.

i. A student after registering for a course may withdraw his / her registration between first & second CA Test on valid reasons.

j. Out of the required four Professional Electives to be studied, a student has to study a minimum of two Professional Electives from the list of Professional electives prescribed in their scheme of courses of study / those courses approved by the department committee with the Head of the Department as the Chairman. The remaining two Professional electives can be studied either from the list of electives prescribed in the scheme of study of the department of the student/other departments.

   If a student has studied more than four professional electives totally, two Professional Elective courses with highest grade among all Professional Electives prescribed in the scheme and the two professional elective courses with next highest grade among all remaining professional elective courses will be considered for calculation of CGPA; however, the grades obtained in all other remaining professional elective courses will also appear in the grade sheet.

k. If a student does not clear an one credit course it will be treated as a course 'withdrawn' by a student; One credit courses will be evaluated by the course instructor / department faculty concerned and will carry a total of 100 marks for continuous assessment; out of which 75 marks will be for final test to be scheduled by the course instructor / department faculty concerned.

l. A student who is absent in the semester end examination of a course after registering for the same will be considered to have appeared and failed in that examination and awarded grade RA.

ix. **Reappearance Examinations:**

For Reappearance Examinations/ Examinations in any course under REDO category, absolute grading will be followed.

x. **Scheme of Evaluation**

a. <u>Theory Courses with Tutorial Component (CA: 40% + FE: 60%)</u>

Total: 100 Marks

CA Distribution:

(i) Assignment Presentation	10 Marks
(ii) Assessment Tutorial I	05 Marks
(iii) Assessment Tutorial II	05 Marks
(iv) Internal Tests (Average of 2):	30 Marks
• Test I (conducted for 50 marks)	30 Marks
• Test II (conducted for 50 marks)	30 Marks
Total	**50 Marks**
(50 Marks scaled down to 40 Marks)	
Final Examination (FE)	**100 Marks**
(100 Marks scaled down to 60 Marks)	

Note:

1. a) Theory courses with tutorial component - Separate tutorial note books / files are to be maintained by the students for regular class room tutorials and **two assessment tutorials** have to be conducted and marks entered in e-assessment.

   b) During tutorial sessions, if requested the students may be **guided** by faculty to solve problems.

b. <u>Theory Courses without Tutorial Component (CA: 40% + FE: 60%)</u>

Total: 100 Marks

CA Distribution:

(i) Assignment Presentation	10 Marks
(ii) Objective Tests I (surprise type)	05 Marks
(iii) Objective Tests II (surprise type)	05 Marks
(iv) Internal Tests (Average of 2):	30 Marks
• Test I (conducted for 50 marks)	30 Marks
• Test II (conducted for 50 marks)	30 Marks
Total	**50 Marks**
(50 marks scaled down to 40 marks)	
Final Examination (FE)	**100 Marks**
(100 marks scaled down to 60 marks)	

c. <u>Laboratory Courses (CA: 60% + FE: 40%)*</u> **Total : 100 Marks**

CA Distribution:

(i) I Cycle (to be assessed at the end of the 3rd week)	
Preliminary report on the exposure/orientation	5 Marks
• Viva voce	5 Marks

(ii) II Cycle (to be assessed at the end of 12th week)

Report on problem formulation and progress of work — 15 Marks

- Viva voce — 25 Marks

Total — **50 Marks**

Final Examination

i. Report on the completed project — 25 Marks

ii. Viva Voce — 25 Marks

d. Industrial Visit & Technical Seminar (CA:60% + FE : 40%)* Total : 100 Marks

CA Distribution:

(i) Test/Report/Presentation — 50 Marks

- Minimum of two visits to a particular industry
- Minimum of two presentations by the students

Final Examination — **50 Marks**

i. Report — 25 Marks

ii. Viva Voce — 25 Marks

e. Project Work I (CA : 60% + FE : 40%)* Total : 100 Marks

CA Distribution:

(i) Review - I — 20 Marks

- Guide 10 Marks
- Committee$ 10 Marks

(ii) Review - II — 30 Marks

- Guide 15 Marks
- Committee$ 15 Marks

Total — **50 Marks**

(iii) **Final Examination**

Project Report Evaluation & Viva Voce — **50 Marks**

- Guide 25 Marks
- Committee$ 25 Marks

f. Project Work II (CA: 60% + FE: 40%)* Total : 100 Marks

CA Distribution:

(i) Review - I — 10 Marks

- Guide 5 Marks
- Committee$ 5 Marks

(ii) Review – II — 20 Marks

- Guide 10 Marks
- Committee$ 10 Marks

(iii) Review – III — 20 Marks

- Guide 10 Marks
- Committee$ 10 Marks

Total — **50 Marks**

Final Examination **50 Marks**

(i) External Examiner 25 Marks

- Thesis Evaluation 10 Marks
- Presentation and Viva voce 15 Marks

(ii) Project Guide 25 Marks

- Thesis Evaluation 10 Marks
- Presentation and Viva voce 15 Marks

*CA 50 marks scaled up to 60 marks, FE 50 marks scaled down to 40 marks

$ - In respect of Project Work I&II carried out and reviewed in the departments, the reviewing committee shall comprise of at least three senior faculty nominated by the Head of the Department.

In respect of Project Work II carried out in industry, the committee nominated for the second review at industry shall include one faculty deputed by the department and one mentor from respective industry.

g. <u>Audit Course (CA: 100%)</u> **Total: 100 Marks**

(i) Assessment - I 50 Marks
(ii) Assessment – II 50 Marks

h. <u>Online courses (CA: 40% + FE: 60%)</u> **Total: 100 Marks**

CA Distribution:
(i) Internal Tests (to be conducted within the institute)
(ii) Average of two tests 50 Marks

- Test I (conducted for 50 marks) 50 Marks
- Test II (conducted for 50 marks) 50 Marks

Total **50 Marks**

(50 Marks scaled down to 40 Marks)

Final Examination (FE) 100 Marks
(to be conducted within the institute)

100 marks scaled down to 60 Marks

i. One-Credit Course (CA: 40% + Final Examination (Internal): 60% Total: 100 Marks)

CA Distribution:

Internal test – I (20 MCQ for 45 minutes)	20 Marks
Internal test – II (20 MCQ for 45 minutes)	20 Marks
Total internal assessment marks	**40 Marks**
Final examination (Internal) (2 hours)	**60 Marks**

j. Industrial Training / Internship (FE: 100%) **Total: 100 Marks**

At the end of Industrial Training / Internship, the student shall submit a certified report (evaluated out of 100 marks by a mentor/guide) from the organization where the student has undergone training. The Viva-Voce Examination will be conducted by a three-member committee constituted by the Head of the Department. The committee comprises of one expert from an industry/organization and two members (programme coordinator and faculty member) from the Department. Certificates issued by the organization/industry after the completion of such training/internship shall be attached to the report.

Final Examination (FE)

Report	40 marks
Presentation	30 marks
Viva voce	30 marks

9. QUALIFYING FOR THE AWARD OF DEGREE

A student shall be declared to have qualified for the award of the M.E. Degree provided

i) the student has successfully completed the course requirements and has passed all the prescribed courses of study of the respective programme listed in section13 within the duration specified in section 2 and

ii) no disciplinary action is pending against the student.

10. CLASSIFICATION OF DEGREE

Classification of a student while awarding the degree will not be affected if the student has to REDO courses which are Mandatory in nature (i.e. having no credit but whose completion is compulsory for the award of degree)

A) FIRST CLASS WITH DISTINCTION:

A student who satisfies the following conditions shall be declared to have passed the examination in First class with Distinction.

* Should have passed the semester end examination in all the courses of all the four semesters in his/her first appearance within 3 years, which includes authorized break of study of one year. Withdrawal from examination (vide section 11) will not be considered as an appearance.
* Should have secured a CGPA of not less than 8.50
* One-year authorized break of study (if availed of) is included in the three years for award of First class with Distinction.
* Should not have been prevented from writing semester end examination due to lack of attendance in any of the courses.

B) FIRST CLASS:

A student who satisfies the following condition shall be declared to have passed the examination in First Class.

* Should have passed the examination in all the courses of all four semesters within three years.

* One-year authorized break of study (if availed of) or prevention from writing the end semester examination due to lack of attendance (if applicable) is included in the duration of three years for award of First class.

* Should have secured a CGPA of not less than 6.50

C) SECOND CLASS:

All other students (not covered in sections A and B) who qualify for the award of the degree shall be declared to have passed the examination in Second class.

D) RANK:

A student shall be eligible for award of ranking only if he/she has passed the examination in first class with distinction or first class in having passed all the courses in first attempt. Those who have availed the provision of break of study/withdrawal will not be eligible for rank.

11. WITHDRAWAL FROM EXAMINATION

i. A student may, for valid reasons, be granted permission to withdraw from appearing for the examination in any course or courses of only one semester examination during the entire duration of the degree programme, if he/she does not have any history of arrears at the time of request for withdrawal. Prior permission for withdrawal from semester examinations is to be obtained from Principal. Also, only one application for withdrawal is permitted for that semester examination in which withdrawal is sought.

ii. Withdrawal application shall be valid only if the student is otherwise eligible to write the examination and if it is made prior to the commencement of the semester examination or on the day of the examination of a course / set of courses and also recommended by the head of the department and the Principal.

12. TEMPORARY BREAK OF STUDY

i. Under Choice Based Credit System, students will have the provision to take a break of study at the beginning of a semester to re-do or complete the reappearance courses of previous semesters or on valid reasons (such as accident or hospitalization due to prolonged ill health) and rejoin the programme in a semester which he/she is eligible and he/she shall apply to the Principal through the Head of the Department stating the reasons therefore.

ii. A student permitted for break of study shall rejoin the programme at the respective semester as and when it is offered subject to the approval of Commissioner of Technical Education and Anna University, Chennai and shall be governed by the rules and regulations in force at the time of rejoining.

iii. The duration specified for passing all the courses for the purpose of classification (vide section 10) shall be increased by the period of such break of study permitted.

iv. The total period for completion of the programme reckoned from the commencement of the semester to which the student was first admitted shall not exceed the maximum period specified in section 2 (ii) irrespective of the period of break of study in order that he/she may be qualified for the award of the degree.

v. If any student is detained for want of requisite attendance, progress and conduct, the period spent in that semester shall not be considered as permitted 'Break of Study' and section 12 (iii) is not applicable for such cases.