

PSG COLLEGE OF TECHNOLOGY, COIMBATORE - 641 004
(Autonomous college affiliated to Anna University, Chennai)

2023 REGULATIONS OF FIVE YEAR INTEGRATED M.Sc. DEGREE PROGRAMMES

(For the batches of students admitted in 2023-2024 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. PRELIMINARY DEFINITIONS AND NOMENCLATURE

- a. In the following regulations, unless the context otherwise requires
 - i. **“Programme”** means **Five Year Integrated M.Sc. Degree Programme**
 - ii. **“Branch”** means specialization or discipline of **Five Year Integrated M.Sc. Degree Programme**, like Software Systems, Theoretical Computer Science, Data Science, Cyber Security or Fashion Design and Merchandising.
 - 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 Five Year Integrated M.Sc. degree programme of Anna University, Chennai will be required to satisfy the eligibility qualification for admission as given in section 3 infra 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 leading to the Degree of Master of Science (M.Sc.) Integrated of the University will extend over a period of five academic years with two semesters per academic year. Each semester shall normally consist of 90 working days including examination days.
- ii. **Maximum Duration:** The student shall complete the Integrated M.Sc. degree programme in 5 years (10 semesters); but in any case not more than 9 years (18 semesters), these durations are to be reckoned from the commencement of the semester to which the student was first admitted to the programme.

3. ELIGIBILITY FOR ADMISSION

The various Five Year Integrated M.Sc. degree programmes offered and the eligible qualifications for admission to the respective programmes are listed below:

Department	M.Sc. Degree Programme offered	Eligibility Qualification for Admission
APPLIED MATHEMATICS & COMPUTATIONAL SCIENCES	M.Sc. - Software Systems (SS)	A Pass in Higher Secondary Examination with Mathematics and Physics as two of the four courses of study prescribed under Part III
	M.Sc. - Theoretical Computer Science (TCS)	A Pass in Higher Secondary Examination with Mathematics and Physics as two of the four courses of study prescribed under Part III
	M.Sc. - Data Science (DS)	A Pass in Higher Secondary Examination with Mathematics and Physics as two of the four courses of study prescribed under Part III
	M.Sc. - Cyber Security (CS)	A Pass in Higher Secondary Examination with Mathematics and Physics as two of the four courses of study prescribed under Part III

APPAREL AND FASHION DESIGN	M.Sc. - Fashion Design and Merchandising (FDM)	A Pass in Higher Secondary examination (any group) of the (10+2) curriculum prescribed by the appropriate authority of the Govt. of Tamil Nadu or equivalent.
-----------------------------------	--	---

4. STRUCTURE OF PROGRAMMES

- The course work of the odd semesters will be conducted only in odd semesters and that of the even semesters only in even semesters.
- Curriculum:** The curriculum for each programme includes courses of study and detailed syllabi. The courses of study include thirty four core theory courses, four Professional Elective theory courses, two Open Elective courses, twenty four laboratory courses, Project Work I and Project Work II as given in section 13 infra. **Minimum number of credits to be earned for courses under the category Open Electives is 6. Minimum number of credits to be earned for courses under the category Professional Electives is 12.**

The courses of study for M.Sc. FDM include twenty four Core Theory courses, six Professional Elective theory courses, two Open Elective courses, twenty three Laboratory Courses, one Craft Training and Documentation, one Design Collection, four Industrial Visit and Lecture, Project Work I and Project Work II as given in section 13 infra. **Minimum number of credits to be earned for courses under the category of Professional Electives is 24. Minimum number of credits to be earned for courses under the category of Open Electives is 6.**

The students shall opt electives from the list of electives corresponding to their programme. The hours / week listed in section 13 infra for each of the courses refer to periods / week.

Every student will normally undergo the courses given in section 13 infra in various semesters as shown below:

M.Sc.(Software Systems) / M.Sc. (Theoretical Computer Science) / M.Sc. (Data Science) / M.Sc. (Cyber Security)

Semester No	Number of Core Theory Courses	Number of Laboratory Courses	Number of Professional Electives	Number of Open Electives
1	5	3	-	-
2	5	3	-	-
3	5	3	-	-
4	5	3	-	-
5	4	3	1	-
6	4	3	1	-
7	Project Work – I			
8	3	3	1	1
9	3	3	1	1
10	Project Work – II			

M.Sc. Fashion Design and Merchandising (FDM):

Semester No	Number of Core Theory Courses	Number of Laboratory Courses	Number of Professional Electives	Number of Open Electives	Craft Training and Documentation	Industrial Visit and Lecture	Design Collection
1	4	3	-	-	-	1	-
2	4	3	-	-	-	1	-
3	4	3	-	-	-	1	-
4	4	4	-	-	-	1	-
5	3	3	1	-	1	-	-
6	3	4	1	-	-	-	-
7	Project Work – I						
8	1	3	2	1	-	-	-
9	1	-	2	1	-	-	1
10	Project Work – II						

- iii. **Project Work:** Every student shall undertake the Project Work I during the seventh semester and the Project Work II during the tenth semester. The Project Work shall be undertaken in an Industry / Research Organization or in the College in consultation with the faculty guide and the Head of the Department (HoD). In case of Project Work at Industry / Research organization, the same shall be jointly supervised by a faculty guide and an expert from the organization. A student shall register for Project Work I in seventh semester or later and Project Work II in tenth semester or later.
- iv. **Industrial Visit and Lecture (Applicable only to M.Sc. FDM)**
A minimum of two industry visits and two industry expert lectures will be arranged as part of the programme. The students are expected to submit a report on their learning from the industrial visits and expert lectures.
- v. **Craft Training and Documentation (Applicable only to M.Sc. FDM)**
The students shall visit a craft cluster and learn craft skill. The students have to develop an innovative product based on the skill gained from the craft cluster.
- vi. **Design Collection (Applicable only to M.Sc. FDM)**
The students shall develop a design collection by researching trends, identifying target customer and design requirements. They shall construct the developed designs and prepare a fashion portfolio.
- vii. **Personality and Character Development:** All students shall enroll, on admission, in any one of the personality and character development activities (NCC / NSS / YRC/Sports & Games) and undergo training for 40 hours during the first year.

National Cadet Corps (NCC) will have parades.

National Service Scheme (NSS) will have social service activities in and around the College.

Youth Red Cross (YRC) society activities will include peace time activities like health & hygiene, international friendship, awareness camps etc.

Sports & Games activities will include preparation for inter-collegiate sports events. While the training activities will normally be during weekends, the camps will normally be during vacation period.

- viii. **Online Courses:** Students can register and earn credits for online courses approved by department committee consisting of HoD, Programme Coordinator, Tutor and Subject Expert. Students who complete online courses successfully to a maximum of 8 credits may obtain exemption from studying two Professional / Open Electives. The list of online courses is to be approved by Chairman Academic Council on the recommendation of HoD at the beginning of the semester if necessary, subject to ratification in the subsequent Academic council meeting. The Committee will monitor the progress of the student and recommend the grade or evaluate the candidate in 100% Continuous Assessment (CA) pattern, if necessary. Students can do online courses from fifth semester to ninth semester, excluding the seventh semester.
- ix. **Self-Study Courses**
Student can opt for one Self Study Professional/Open elective course, under the guidance of a faculty member approved by the HoD who will be responsible for the periodic monitoring and evaluation of the course. No formal lectures would be delivered.
- x. **Course Enrollment and Registration**
 - a) Each student, on admission shall be assigned to a Tutor who shall advise 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 first and second semesters of the curriculum.

- c) From third semester onwards, a student has the option to drop a maximum of two theory courses except Professional Core Courses in a semester and a student has the option to study additionally a maximum of two theory courses which shall be Open Electives or/and Professional Electives. The maximum number of credits the student can register in a particular semester cannot exceed 30 credits including the redo courses.
- d) A student shall register for the dropped course(s) in the next given opportunity and earn attendance to become eligible to appear for the semester examination.
- e) The courses to be offered in a semester for students who need to reappear (as per 5 (iv) infra) or having attendance shortage etc., will be decided by HoD.
- 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 all the courses of the Semester II will commence ten working days prior to the last working day of Semester I. The student shall confirm the enrollment by registering for the courses within the first five working days after the commencement of the Semester II.

The enrollment for the courses of the Semesters III to X will commence ten 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 courses subject to eligibility within five working days after the commencement of the concerned semester and complete the registration process duly authorized by the Tutor.

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

Contact Period per week	Credits
1 Lecture Period	1
2 Tutorial Periods	1
2 Practical Periods(Laboratory / Project Work/ etc.)	1

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

- xii. **Minimum Credits:** For the award of the degree, the student shall earn a minimum number of credits by passing the prescribed number of courses of study as shown in section 13 infra. The minimum number of credits prescribed for the curriculum of Five year Integrated M.Sc. Programme is 210 and 205 for M.Sc. FDM programme.
- xiii. **Medium of Instruction:** The medium of instruction for examinations, project report etc. shall be English.

5. REQUIREMENTS OF ATTENDANCE AND PROGRESS

- i. A student will be qualified to appear for end semester examination in a particular course of a semester only if
 - a) the student has satisfied the attendance requirements as per the norms given below:
 - Shall secure not less than 75% attendance in that course taking into account the number of periods required for that course as specified in the curriculum.
 - Shall secure 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 HoD 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) the progress and conduct have been satisfactory.
- ii. A student shall normally be permitted to appear for end semester examination of the course if the student has satisfied the attendance requirements and has registered for examination in those courses of that semester by paying the prescribed fee.
- iii. Students who do not satisfy to undergo 40 hours of Personality and Character Development training activities as given in section 4 (vii) supra during the first year will not be permitted to appear for the end semester examinations of fifth and subsequent semesters. Such students are permitted to appear for the end semester examinations only after completing the above mentioned requirement.
- iv. a. Students who do not satisfy clause 5 (i) supra will not be permitted to appear for the end-semester Examination / Evaluation of that course. The student has to register and redo that course in a subsequent semester when it is offered next, earn necessary attendance and Continuous assessment marks 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 the next immediate and further semester courses.
- v. A student who has already appeared for a course in a semester and passed the examination is not entitled to repeat the same course for improvement of letter grades / marks.
- vi. Students have to register for courses not studied in the respective semesters due to non-availability of equivalent courses in the subsequent semesters on a self-study basis and these courses will be treated as first appearance for the purpose of classification.

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 disciplinary committee constituted by the Principal will enquire into the acts of indiscipline and notify the punishment.
- ii. If a student indulges in malpractice in any of the examinations, the student will be liable for punitive action as decided by the Board of Examiners.

7. PROCEDURE FOR REJOINING THE PROGRAMME

A student who desires to rejoin the programme after a period of discontinuance or who upon their own request is permitted by the authorities to repeat the study of any semester, may join the semester which the student 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 infra. The Continuous Assessment (CA) marks will be awarded on assessing the student continuously during the semester as per guidelines 8 (ix) infra. The assessment of theory courses with CA + FE components will be done on Relative Grading System or on Absolute Grading System and for the purpose of reporting the performance of a student, letter grades and grade points will be awarded as per grading norms stipulated in section 8 (v) infra.
- ii. **Final Examinations:** Final examinations will normally be conducted during October / November and during March / April of each year. Supplementary examinations may be conducted at such times as may be decided by the college.

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

The student shall give a presentation about the progress of the Project Work I and Project Work II during the seventh and the tenth semesters respectively to a review committee constituted by the HoD.

The Project Work I and Project Work II will be evaluated based on the presentations, report and a viva-voce examination. The viva-voce examination will be carried out by a team consisting of an internal examiner, usually the supervisor, and an external examiner, appointed by the Principal. The continuous assessment marks of Project Work I or II shall not be carried over to the next appearance, if the student had failed in the same.

If a student failed to complete the Project Work I during seventh semester, he/she has to redo the Project Work- I under the supervision of a faculty guide assigned by HoD during eighth and ninth semester including end semester holidays and complete it by the end of the ninth semester. Students are eligible to do Project Work-II only after completing Project Work I. The student who failed Project Work-II will have to redo and complete it within the stipulated period.

- iv. **Laboratory Courses:** Every laboratory course shall be evaluated based on conduct of experiments/exercises/mini projects/development of software packages and reports.
- v. **Letter Grade and Grade Point:** Based on students performance, a letter grade and grade point will be awarded as given below for each course at the end of each semester by following absolute grading system.

a. **Relative grading system**

After omitting the marks (M) of all failed students, if the number of students who have passed in a course is more than 30, Relative Grading system shall be followed and if it less than or equal to 30, Absolute Grading System shall be followed. For awarding grades by Relative Grading System, the software developed by Anna University shall be used and it normalizes the result data by using BOX-COX transformation method.

Then letter grade and grade point to each student are awarded as given in the table below.

Letter Grade	Grade Points, g
O (Outstanding)	10
A + (Excellent)	9
A (Very Good)	8
B + (Good)	7
B (Average)	6
C (Satisfactory)	5
RA (Re-appearance)	0
SA (Shortage of Attendance)	0
W (Withdrawal)	0

b. **Absolute Grading System**

If the number of students registered for a particular course or if the number of students who have passed a particular course is less than or equal to 30, absolute grading system will be followed. The letter grade and mark range are given in table below.

Absolute Grade Point Assignment

Letter Grade	Mark Range	Grade Point, g
O	91 - 100	10
A+	81 - 90	9
A	71 - 80	8
B+	61 - 70	7
B	56 - 60	6
C	50 – 55	5
RA	< 50	0
W(Withdrawal)	0	0
SA (Shortage of Attendance)	0	0

- “RA” denotes Reappearance in a course

The grades RA and SA will not figure in the grade sheet.

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

Letter Grade	Mark Range	Grade Point, g
O	91 - 100	10
A+	81 - 90	9
A	71 - 80	8
B+	61 - 70	7
B	56 - 60	6
C	50 – 55	5
RA	< 50	0
W(Withdrawal)	0	0
SA (Shortage of Attendance)	0	0

- vi. Credit transfer for equivalent courses will be approved for students who study one or two semesters in approved foreign university.
- vii. **Cumulative Grade Point Average:** After the completion of the programme, the Cumulative Grade Point Average (CGPA) from the first semester to final semester is calculated using the formula.

$$CGPA = \frac{\sum g_i * C_i}{\sum C}$$

where g_i is Grade point secured corresponding to the course C_i is Credit rating of the course.

viii. **Passing a course**

- A student shall be deemed to have passed any course with CA and FE components, if
 - he/she secures at least 45% of the total marks in the final examination and

- ii. he/she secures not less than 50% of total marks [CA and FE put together] prescribed for the course shall be declared to have passed the course and acquired the relevant number of credits.

A student is deemed to have passed in any course carrying only Continuous Assessment marks if the total mark secured by him/her is at least 50% of total marks.

- 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
70 to 100	A
60 to 69	B+
50 to 59	B
0 to 49 or less than 45% in final examination	RA

- c. A student who after having earned necessary attendance, is absent for end semester examination or has failed in any course carrying only CA marks (like Lab, Project work etc.) will register for the supplementary examination immediately at the beginning of the next semester and be solely assessed in the final examination carrying the entire marks of that course.
- d. A student who has earned necessary attendance in Project work I but does not submit the project report on or before the date specified by the college / department, he/she shall be deemed to have failed in the Project work I and awarded grade RA and will have to register for the same at the beginning of the subsequent semester. The student has to redo the project work under the supervision of a faculty assigned by the HOD during eighth and ninth semesters including end semester holidays, submit the project report at the end of ninth semester and appear for the final examination by earning the CA mark afresh.
- e. A student who has earned necessary attendance in Project work I 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. The student has to redo the project work under the supervision of a faculty assigned by the HOD during eighth and ninth semesters including end semester holidays, submit the project report at the end of ninth semester and appear for the final examination by earning the CA mark afresh.
- f. A student who has earned necessary attendance in Project work II but does not submit the project report 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 by earning the CA mark afresh.
- g. A student who has earned necessary attendance in 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 by earning the CA mark afresh..

- h. A student who has submitted the report of Project Work I & II, but could not appear for the final examination on the scheduled date, shall be deemed to have failed in Project work I & II and awarded grade RA.
- i. If a student is absent or has failed in an elective course, he/she may register for the same course or any other elective course in the subsequent semester.
- j. 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 supra. If the course, in which the student has lack of attendance, is a Professional Elective or an Open Elective, the student may register for the same or any other Professional Elective or Open Elective course respectively in the subsequent semesters.
- k. A student after registering for a course may withdraw his / her registration between first & second CA Test on valid reasons.
- l. Out of the required four Professional Electives to be studied, students have to study compulsorily a minimum of two Professional Electives from the list of Professional Electives prescribed in their scheme of study. They can study the remaining two Professional Electives either from the list of electives prescribed in the scheme or as online courses/ special courses by obtaining equivalence.

For students who complete more than four Professional Electives, the best two grades obtained among the Professional electives studied under the scheme and the best two grades among all the remaining courses will be considered for the calculation of CGPA, though all the grades obtained will appear in the grade sheet.

- m. If a student has studied more than two Open Elective courses, then two Open Elective courses with higher grades alone will be considered for CGPA calculation. The grades obtained in other elective courses will also appear in the mark sheet.
- n. A student with arrears after completing the prescribed minimum period of 5 years of continuous study, can also opt to register for the failed courses as and when offered.
- o. 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 grade / marks.
- p. A student who is absent in the end semester 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. **Scheme of Evaluation**

a. **Theory Courses (CA : 40% + FE : 60%) (all semesters)** **Total: 100 Marks**

• **CA Distribution: (50 marks finally scaled down to 40)**

- | | |
|--|----------|
| (i) Assignment Presentation | 8 Marks |
| (ii) Mini Project / Tutorials | |
| Tutorial 1 | 6 Marks |
| Tutorial 2 | 6 Marks |
| (iii) Internal Tests: (Average of two tests) | 30 Marks |
| • Test I conducted for 40 marks scaled down to 30 marks | |
| • Test II conducted for 40 marks scaled down to 30 marks | |

- **Final Exam (FE) (100 marks finally scaled down to 60 marks)**
60 Marks
- b. **Laboratory Courses (CA: 60%+FE:40%) (all Semesters)** **Total:100 Marks**
- **CA Distribution:**
 - (i) Lab Test I 30 Marks
 - (ii) Lab Test II 30 Marks
 - **Final Examination (FE)**
 - (i) Final Lab examination 25 Marks
 - (ii) Package/ Viva-voce 15 Marks
- c. **Industrial Visit and Lecture (CA: 60%+FE:40%)** **Total: 100 Marks**
- M.Sc. FDM**
- **CA Distribution:**
 - (i) Test I & Report I 30 Marks
 - (ii) Test II & Report II 30 Marks
 - **Final Examination (FE)**
 - (i) Final Test 25 Marks
 - (ii) Viva Voce* 15 Marks
 - Minimum of 2 Industrial Visits
 - Minimum of 2 lectures given by External Experts
- * - by external examiner
- d. **Craft Training and Documentation (CA: 60% + FE: 40%)** **Total: 100 Marks**
- M.Sc. FDM**
- **CA Distribution:** **60 Marks**
 - (i) Review 1# 30 Marks
 - (ii) Review 2# 30 Marks
 - **Final Examination (FE)** **40 Marks**
 - External and Internal
 - Product & Report Evaluation 25 Marks
 - Presentation & Viva Voce 15 Marks
- # - The reviewing committee shall comprise of HoD, Programme Coordinator, Cluster Visit Coordinator, Tutor and the respective Faculty Guide (s)
- e. **Project Work I, II (CA : 60% + FE : 40%)** **Total: 100 Marks**
- **CA Distribution:**
 - (i) Review 1\$ 30 Marks
 - (ii) Review 2# 30 Marks
 - **Final Examination (FE)**
 - External
 - Thesis Evaluation 10 Marks
 - Presentation & Viva Voce 10 Marks
 - Internal
 - Thesis Evaluation 10 Marks
 - Presentation & Viva Voce 10 Marks

\$- For Project Work I & II, first review will be carried out in the college. The review committee comprise of the Programme Coordinator / Tutor, two faculty of the department nominated by the HoD and the respective

project guide.

#- Second review of Project Work I & II will be carried out at the industry / Research Institute. The review committee shall include one faculty from the department and one mentor from the industry/ Research Institute.

f. **Design Collection (CA : 60% + FE : 40%)** **Total: 100 Marks**

M.Sc. FDM

- **CA Distribution:** **60 Marks**
 - (i) Review 1 30 Marks
 - (ii) Review 2 30 Marks
- **Final Examination (FE)** **40 Marks**
 - External & Internal
 - Portfolio 25 Marks
 - Presentation & Viva Voce 15 Marks

g. **Business Communication Skills / Aptitude Skills (CA : 100%)** **Total: 100 Marks**

M.Sc. FDM

- **CA Distribution:** **100 Marks**
 - (i) Test 1 50 Marks
 - (ii) Test 2 50 Marks

9. QUALIFICATION FOR THE AWARD OF DEGREE

A student will be declared to have qualified for the award of the M.Sc. 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 section 13 infra within the duration specified in section 2(ii) supra and earned the total number of credits as specified in the curriculum of the respective programme of study. However, if the student wishes, he/she may be permitted to earn more than the total number of credits prescribed in the curriculum of his/her programme.
- ii. no disciplinary action is pending against the student.

10. CLASSIFICATION 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 ten semesters in his/her First appearance within 6 years, which includes authorized break of study of one year. Withdrawal from examination (vide clause 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 six 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 ten semesters within six 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 six years for award of First class.
- Should have secured a CGPA of not less than 6.5

c) **Second Class**

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

d) Rank

A student who has passed the examination in first class with distinction or first class with no history of reappearance is eligible for ranking. Those who have availed the provision of break of study / withdrawal will not be eligible for ranking.

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 if there is no history of reappearance 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 examination in that course or courses and also recommended by the HoD.

12. TEMPORARY BREAK OF STUDY

- i. Students have the provision to apply to the Principal to take a break of study at the beginning of a semester to re-do and to complete the reappearance courses of previous semesters or for other valid reasons and rejoin the programme in a semester which the student is eligible. Such students are permitted to 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 rules and regulations in force at the time of rejoining.
- ii. The duration specified for passing all the courses for the purpose of classification (vide sections 10 supra) shall be increased by the period of such break of study permitted.
- iii. 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) supra irrespective of the period of break of study in order that he/she may be qualified for the award of the degree.
- iv. 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) supra is not applicable for such cases.