



REGULATION 2023

CHOICE BASED CREDIT SYSTEM

POST-GRADUATE PROGRAMMES

As per the UGC Autonomous regulation 2023, AICTE norms and the Anna University norms 2023 for the autonomous institutions, the following regulation is applicable to all Post Graduate students admitted from the academic year 2023–2024 onwards in SNS College of Technology, Coimbatore.

1. PRELIMINARY DEFINITIONS AND NOMENCLATURE

In these Regulations, unless the context otherwise requires:

“**Programme**” means Post graduate Degree Programme e.g., M.E., / M.Tech. / MBA / MCA Degree Programme

“**Branch**” means specialization or discipline of M.E. / MTech. Degree Programme like “Structural Engineering”, “Information Technology”, etc

“**Course**” means Theory or Practical subject that is normally studied in a semester, like Applied Mathematics, Advanced Thermodynamics, etc

“**Head of the Institution**” means the Principal of the College who is responsible for all academic activities of the college

“**Chairman**” means the Chairman of the respective Board of Studies (B.O.S)

“**Deans/Heads of Department**” means the Head of the Post Graduate Programme concerned.

“**Controller of Examinations**” means the authority of the College who is responsible for all activities related to the End Semester Examinations.

“**University**” means ANNA UNIVERSITY, CHENNAI.

2. ADMISSION REQUIREMENTS, PROGRAMMES OFFERED AND MODES OF STUDY

2.1 ADMISSION REQUIREMENTS:

2.1.1 Candidates for admission to the first semester of the Post-Graduate Degree Programme shall be required to have passed the Under-Graduate Degree Examination of any University approved by U.G.C as specified under qualification for admission as per the Tamil Nadu Common Admission (TANCA) criteria / GATE / TANCET.

Note: TANCA / TANCET releases the updated criteria during the admissions every academic year.

2.1.2 Eligibility conditions for admission such as the class obtained, the number of attempts in qualifying examination and physical fitness will be as prescribed by the Government of Tamilnadu and Anna University from time to time.

2.2 A student may be offered admission to any one of the following specializations in Post Graduate Programme of study approved by the authority and approved by the various departments of the institution.

P.G. PROGRAMMES OFFERED:

M.E	Computer Science and Engineering
M.E	Power Systems Engineering
M.E	Structural Engineering
M.E	Thermal Engineering
M.B.A.	Master of Business Administration
M.C.A.	Master of Computer Applications

2.3 MODE OF STUDY:

2.3.1 Full-Time:

Candidates admitted under 'Full-Time' mode should be available in the College / Institution during the entire duration of working hours (From Morning to Evening on Full-Time basis) for the curricular, co- curricular and extra-curricular activities assigned to them.

The Full-Time candidates should not attend any other Full-Time programme(s) / course(s) or take up any Full-Time job / Part-Time job in any Institution or Company during the period of the Full-Time programme. Violation of the above rules will result in cancellation of admission to the PG programme.

2.3.2 Part-Time:

This mode of study is applicable to those candidates admitted under sponsored category (Teacher candidates). In this mode of study, the candidates are required to attend classes along with Full-Time students for the required number of courses and complete the course in three years.

3. DURATION OF THE PROGRAMMES:

3.1 The minimum and maximum period for completion of the P.G. Programmes are given below

Programme	Min. No. of Semesters	Max. No. of Semesters
M.E. / MTech. (Full-Time)	4	8
M.E. / MTech. (Part-Time)	6	12
M.C.A. (Full Time)	4	8
M.B.A. (Full Time)	4	8

3.2 The Curriculum and Syllabi of all the P.G. Programmes shall be formed by BOS and approved by the Academic Council of SNS College of Technology. The number of Credits to be earned for the successful completion of the programme shall be as specified in clause 3.5

3.3 Each semester shall normally consist of 90 working days or 350 hours for full-time mode of study (400 hours for M.B.A.) or 200 hours for part-time mode of study. The Head of the Institution shall ensure that every teacher imparts instruction as per the number of periods specified in the syllabus and that the teacher teaches the full content of the specified syllabus for the course being taught. End Semester Examination will be scheduled after the last working day of the semester.

3.4 Credits will be assigned to the courses for different modes of study as given below:

3.4.1 Each course is assigned certain number of credits based on the following:

Contact hours Per Week	Credits (C)
1 Period. Lecture (L) per week	1
1 Period. Tutorial (T) per week	1
2 Periods. Practical (P) per week (Laboratory / Seminar etc.)	1
2 Periods. Project (J) per week	1
Industrial training / Internship / Field Work	
2 Weeks*	1
4 Weeks*	2
6 Weeks*	3
Industry offered course	
15 Hours	1
Online Course	
4 Weeks* / 15 Hours	1
8 Weeks* / 30 Hours	2
12 Weeks* / 45 Hours	3

*1 Week = 40 Internship Hours / 5 Working Days

The Contact Periods per week for laboratory can only be in multiples of 2.

3.5 For the award of the degree, a student has to earn the minimum number of academic credits given in the following table.

S.No	Programme	Prescribed Range	Credit
1	M.E / MTech	72-77	
2	MBA	98-105	
3	MCA	80-85	

4. STRUCTURE OF THE PROGRAMME

4.1 Categorization of Courses

4.1.1 Every post graduate degree programme will have a curriculum with syllabi consisting of theory and practical courses that shall be categorized as follows:

- i **Foundation courses** (FC) may include Mathematics or other basic courses
- ii **Professional Core courses** (PCC) includes the core courses relevant to the chosen specialization/branch.
- iii **Professional Elective courses** (PEC) includes the elective courses relevant to the chosen specialization/branch
- iv **Open Elective courses** (OEC) includes the courses relevant to the chosen specialization/branch which a student can choose from the curriculum of the same (Advanced / Emerging) /other programmes and also courses offered by the Departments under the Faculty of Science and Humanities.
- v **Employability Enhancement Courses** (EEC) includes Mini Project, Project work, Employability Skills, Seminar and Internship / Industrial Training#, Exchange, Design Thinking & Innovation etc.
- vi **Mandatory Courses** (MC) Environmental Sciences, Induction Program, Indian Constitution and Essence of Indian Traditional Knowledge.

All students shall earn non-academic credits as suggested in the programme curriculum as and when offered.

4.1.2 The elective courses are to be chosen from the list with the approval of Dean/ Head of Department.

4.1.3 A student may be permitted to choose a maximum of one open elective from other PG programmes with the approval of the Dean/Head of Department offering such courses.

4.1.4 The medium of instruction shall be English for all courses, examinations, seminar presentations and project thesis/dissertation reports.

4.2 MAXIMUM MARKS

4.2.1 The maximum marks assigned to different courses shall be as given below:

Course	Assessment Weightage %	
	Continuous Internal Assessment	End Semester Examination External
Theory courses	40	60
Theory integrated Practical Courses / Design Thinking & Innovation	50	50
Practical courses / Project / Mini Project	60	40
Industrial Training / Internship / Mandatory Course / Industry offered courses / Online Courses	100	0

4.3 PROJECT WORK

The Project work is an important component of post-Graduate programmes. The Project work for P.G programmes consists of Phase – I and Phase – II. The Phase – I is to be undertaken during III semester (M.E / MTech (FT)) or during V semester (M.E / MTech (PT)). The Phase – II project work, which is a continuation of Phase – I is to be undertaken during IV semester (M.E / MTech (FT)) or during VI semester (M.E / MTech (PT)). For M.C.A/ M.B.A the Project Work has to be undertaken in the final semester.

- 4.3.1 In case of candidates of P.G Programmes not completing Phase-I of project work successfully, the candidates can undertake Phase-I again in the subsequent semester. In such cases the candidates can enroll for Phase-II, only after successful completion of Phase-I.
- 4.3.2 Project work shall be carried out under the supervision of a “qualified teacher” in the Department concerned. In this context “qualified teacher” means the faculty member possessing a Ph.D. degree or PG degree with a minimum 3 years of teaching experience.
- 4.3.3 A candidate may, however, in certain cases, be permitted to work on projects in an Industrial/Research Organization, on the recommendations of the Dean/Head of the Department Concerned. In such cases, the Project work shall be jointly supervised by a supervisor of the department and an expert, as a joint supervisor from the organization and the student shall be instructed to meet the supervisor periodically and to attend the review committee meetings for evaluating the progress.
- 4.3.4 The Project work for P.G programmes (for Phase II Project work) shall be pursued for a minimum of 16 weeks during the final semester.
- 4.3.5 The deadline for submission of final Project Report is 30 calendar days from the last working day of the semester in which project/ thesis / dissertation is done. However, the Phase-I of the Project work in the case P.G Programmes shall be submitted within

a maximum period of 15 calendar days from the last working day of the semester as per the academic calendar published by the College.

4.4 INDUSTRY OFFERED COURSES

The industry offered course shall carry 100 marks and shall be evaluated through oral or written test. The Head of the Department may nominate a faculty member as coordinator for the course. A committee consisting of the Head of the Department, staff handling the course (if available), and a senior Faculty member nominated by the Head of the Department shall monitor the evaluation process. The credits earned through Industry offered courses shall be considered for dropping of Professional elective courses and the credits shall be reflected in the consolidated mark sheet.

4.5 VALUE ADDED COURSES

The students are motivated to pursue value added courses on emerging technology in their domain, which will be offered by the department faculty at least one per semester for a specified duration to upskill the students on the emerging trends. These courses will not carry credits for CGPA calculation. This will be the preamble for the department to design the elective courses on the same title in subsequent semesters. A student from one department can register for value added course by other departments with the approval of the Dean/HoD.

4.6 SELF STUDY COURSES

The students can opt for only one self-study course after second semester, during his entire period of study. The students shall study on their own, no formal lectures need to be attended.

The eligibility condition for registering self-study courses is:

- i CGPA must be greater than or equal to 8.0 up to the previous semester.
- ii No standing arrears.
- iii Professional Elective courses / Special Courses of 2 or 3 credits can be selected as prescribed in the curriculum.

One faculty member assigned by Dean / Head of Department shall be responsible for the periodic monitoring and assessment of the student in that course.

4.7 ONLINE COURSES

Students may be permitted to register for NPTEL or Equivalent online courses (which are provided with certificate after evaluation of performance by conducting tests) with the prior approval of Dean / Head of Department subject to a maximum of 6 credits during the entire period of study. Online Courses may be registered from third semester onwards by satisfying the pre-requisites.

4.8 DESIGN THINKING COURSE

The project to be undertaken must be from the Innovation Areas specified by the institution under the guidance of a faculty member and Industry Mentor. The developed prototypes must be exhibited for external evaluation by the panel members consisting of Academic Expert, Industry member / Members from renowned Chapters.

4.9 RESEARCH PAPER PUBLICATION

Students are encouraged to publish their project and research works in reputed journals. A research paper published by first two authors in SCI / WoS / SCOPUS journals shall be awarded 3 credits. If a student publishes a research paper in an international journal as above with a valid DOI number / volume number, page number before two weeks from publication of results of any end semester examination concerned, the hard copy of the research paper publication should also be submitted then he / she will be able to earn the above credits.

Publication in	Letter Grade
SCI / WoS / SCOPUS – Q1 Ranked Journals	O
SCI / WoS / SCOPUS – Q2 Ranked Journals	A+
SCI / WoS / SCOPUS – Q3 Ranked Journals	A
SCI / WoS / SCOPUS – Q4 Ranked Journals	B+

4.10 DROPPING OF PROFESSIONAL ELECTIVE COURSES

A student can pursue and earns up to 3 credits from the following:

- i Online courses
- ii Industry offered course
- iii Self-study course
- iv Exchange Program
- v Research Paper Publication
- vi In combination of the above

In Lieu of professional elective courses subject a maximum of 3 credits or 1 course can be earned during the entire period of study.

4.11 PATENT PUBLICATION

Students are encouraged to publish their project ideas as a design or product patent. A design or product patent published by first two inventors shall be awarded with 1 credit based on evaluation of the expert committee constituted by the Head of the Department concerned. If a student publishes a design or product patent as above with a valid patent number before two weeks from publication of results of any end semester examination concerned, the hard copy of the patent published should also be submitted by he / she will be able to earn the above credit. However, it will not be considered for the calculation of CGPA.

4.12 COURSE ENROLLMENT AND REGISTRATION

4.12.1 Each student, on admission shall be assigned to a Mentor (vide clause 8) 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.

- 4.12.2 Every student shall enroll for the course of the succeeding semester in the current semester. Every student has to register for all the courses to be undergone in the suggested curriculum of a particular semester (with the facility to drop courses to a maximum of 6 credits) and the maximum courses to be registered per semester is 10.
- 4.12.3 The student shall confirm the enrollment by registering for the courses within the first five working days after the commencement of the concerned semester. No course shall be offered by a department unless a minimum of Two students registers for that course.
- 4.12.4 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.
- 4.12.5 Each student on admission shall register for all the courses prescribed in the curriculum in the student's first semester of study.
- 4.12.6 The enrollment for the courses from the semesters II 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 student's Mentor.

5. FLEXIBILITY TO ADD AND DROP COURSES.

5.1 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, then the student is permitted to earn more than the number of credits prescribed in the curriculum of the student's programme.

5.2 From the second semester, the student has the option of registering for one additional theory course or dropping one existing theory course with a credit of 3 after the approval of Dean/Head of Department. However, the maximum number of credits the student can register in a particular semester cannot exceed 10 courses for PG (Full Time) programmes and cannot exceed 5 courses for PG (Part Time).

6. EVALUATION OF PROJECT WORK

The evaluation of Project Work for Phase-I & Phase-II in the case of P.G programmes shall be done independently in the respective semesters and marks shall be allotted as per the weightages given in Clause 12.2.

The capstone project report shall carry a maximum of 50 marks while the viva-voce examination shall carry 60 marks. There will be a vice-voce Examination during End Semester Examinations conducted by a committee consisting of the Supervisor, one Internal Examiner and one External Examiner.

Project I & II Internal Assessment Examinations (60)			Review during training phase	End semester Examinations				
Review I	Review II	Review III	Supervisor / Industry Mentor	Report Evaluation (50)		Viva-voce Project Outcome (50)		
15	15	15	15	Int	Ext	Int	Ext	Guide
				25	25	15	20	15

6.2 The Project Report shall be prepared according to approved guidelines and duly signed by the supervisor(s) and the Dean/Head of Department concerned.

- 6.3 The evaluation of the Project Work Phase - I & Phase - II (P.G programmes) will be based on the project report submitted in each of the Phase – I & Phase - II semesters and a Viva-Voce Examination by a team consisting of the supervisor, an internal examiner (other than the supervisor) and an External Examiner for each programme. The internal examiner and the external examiner shall be appointed by the Controller of Examinations for the evaluation.
- 6.3.1 If the candidate fails to obtain 50% of the internal assessment marks in the Phase–I and Phase–II / final project, he/she will not be permitted to submit the report for that particular semester and has to re-enroll for the same in the subsequent semester.
- 6.3.2 If a candidate fails to submit the project report on or before the specified deadline, he/she is deemed to have failed in the Project Work and shall re-enroll for the same in a subsequent semester. This applies to both Phase–I and Phase–II in the case of P.G programmes.
- 6.3.3 If a candidate fails in the viva-voce examinations of Phase–I, he/she has to resubmit the Project Report within 30 days from the date of declaration of the results. If he / she fails in the viva-voce examination of Phase–II of Project work of P.G programmes he/she shall resubmit the Project Report within 60 days from the date of declaration of the results.
- 6.3.4 A copy of the approved Project Report after the successful completion of viva-voce examinations shall be kept in the library of the college.
- 6.3.5 A student who has passed all the courses prescribed in the curriculum for the award of the degree shall not be permitted to re-enroll to improve his/her marks in a course or the aggregate marks / CGPA.
- 6.3.6 Practical Training / Summer Project if specified in the Curriculum shall not exceed the maximum duration of 4 weeks and should be organized by the Head of the Department for every student.
- 6.3.7 At the end of Practical Training / Summer Project the candidate shall submit a certificate from the organization where he/she has undergone training and also a brief report. The evaluation will be made based on this report and a Viva-Voce Examination, conducted internally by a panel of examiners appointed by the Controller of Examinations shall be attached to the reports.

6.4 ONLINE COURSE

The Dean / Head of Department may nominate a faculty member as coordinator for the course, who is responsible for monitoring the progress. The credits earned through online mode, may be transferred and grades shall be assigned by a committee consisting of Dean / Head of Department and a senior faculty member as per the policy approved by the institution.

For online course portals other than NPTEL, a separate end semester examination would be conducted and credits shall be awarded as mentioned below based on the performance in the End Semester examination.

Evaluation of NPTEL Courses	
NPTEL Marks	SNSCT Grade
80-100	O
70-79	A+
60-69	A
50-59	B+
46-49	B
40-45	C

6.6 DESIGN THINKING AND INNOVATION (DT&I)

S. No	Description	Marks
1	Problem Identification – 10 Empathy – 15 Define – 10 Ideate - 15	50
	Total	50

7. MENTOR

To help the students in planning their courses of study and for general advice on the academic programmes, the students will be attached with to a teacher of the Department who shall function as Mentor for those students. Such Mentor shall advise the students and monitor the courses undergone by the students, check the attendance and progress of the students attached and counsel them periodically. If necessary, the Mentor may also discuss with or inform the parents about the progress of the students.

8. CLASS COMMITTEE

8.1 A Class Committee consists of teachers of the concerned class, student representatives and a chairperson who is not teaching the class. It is like the ‘Quality Circle’ (more commonly used in industries) with the overall goal of improving the teaching-learning process. The functions of the class committee include:

- Solving problems experienced by students in the class room and in the laboratories.
- Clarifying the regulations of the programmes and the details of rules therein.
- Informing the student representatives, the “academic schedule” including the dates of assessments and the syllabus coverage for each assessment period.
- Informing the student representatives, the details of regulations regarding the weightage used for each assessment. In the case of practical courses (laboratory / project work / seminar etc.) the breakup of marks for each experiment/ exercise/ module of work, should be clearly discussed in the class committee meeting and informed to the students.

- Analyzing the performance of the students of the class after each test and finding the ways and means of improving the Students Performance
- Identifying the slow learners, if any, in any specific course and requesting the teachers concerned to provide some additional help or guidance or coaching to such slow learners as frequently as possible.

8.2 The class committee for a class under a particular programme is normally constituted by the Dean/Head of Department. However, if the students of different programmes are mixed in a class, the class committee is to be constituted by the Head of the Institution.

8.3 The class committee shall be constituted on the first working day of any semester or earlier.

8.4 At least 4 student representatives (usually 2 boys and 2 girls) shall be included in the class committee.

8.5 The chairperson of the class committee may invite the Class adviser(s) and the Dean/Head of Department to the meeting of the class committee.

8.6 The Head of the Institution may participate in any class committee of the institution.

8.7 The Chairperson of the Class Committee is required to prepare the minutes of every meeting, submit the same to the Head of the Institution within two days of the meeting and arrange to circulate among the concerned students and teachers. If there are some points in the minutes requiring action by the management, the same shall be brought to the notice of the management by the Head of the Institution.

8.8 The first meeting of the class committee shall be held within one week from the date of commencement of the semester in order to inform the students about the nature and weightage of assessments within the framework of the Regulations. Two or three subsequent meetings may be held at suitable intervals. During these meetings the student members, representing the entire class, shall meaningfully interact and express the opinions and suggestions of the class students to improve the effectiveness of the teaching-learning process.

9. COURSE COMMITTEE FOR COMMON COURSES

Each common course offered to more than one group of students shall have a “Course Committee” comprising all the teachers teaching the common course with one of them nominated as Course Coordinator. The nomination of the course coordinator shall be made by the Dean/Head of Department/ Head of the Institution depending upon whether all the teachers teaching the common course belong to a single department or to several departments. The ‘Course committee’ shall meet as often as possible and ensure uniform evaluation of the tests and arrive at a common scheme of evaluation for the tests. Wherever it is feasible, the course committee may also prepare a common question paper for the Assessment Test(s).

10. PROCEDURES FOR AWARDING MARKS FOR INTERNAL ASSESSMENT

10.1 Every teacher is required to maintain an 'ATTENDANCE AND ASSESSMENT RECORD' which consists of attendance marked in each lecture or practical or project work class, the test marks and the record of class work (topics covered), separately for each course. This should be submitted to the Dean/Head of

Department periodically (at least three times in a semester) for checking the syllabus coverage and the records of test marks and attendance. Dean/Head of Department will put his signature and date after due verification. At the end the semester, the record should be verified by the Head of the institution who will keep this document in safe custody (for five years).

10.2 THEORY COURSES:

For all theory and practical courses, the continuous assessment shall be for a maximum of 50 marks. For, theory integrated practical courses, the continuous assessment shall be for a maximum of 60 marks. For other courses, the continuous assessment shall be for a maximum of 100 marks. The above continuous assessment shall be awarded as per the procedure given below:

The marks shall be awarded as detailed below.

Description	Marks
Internal Tests (best 2 out of 3)	2 x 15 = 30
GROUP A Case study / Mini Project / Innovative Work / Competitions / Prototype or Product Demonstration, etc. (as applicable)	5
GROUP B Seminar / Presentation / Assignment / Quiz / Paper presentation / Paper publication / Technical Writing / Open book test / Poster preparation	5
Total	40

10.3 THEORY INTEGRATED PRACTICAL COURSES:

The courses with L-T-P-J-C structure 10403, 10202, 20203, 30204 or 20404 the Internal Assessment Marks shall be awarded as detailed below:

S. No	Item	Marks
1	Internal Assessment Tests (best 2 out of 3)	2 x 10 = 20
2	Internal Practical Examination	10
3	Record Assessment	10
4	GROUP A Case study / Mini Project / Innovative Work / Competitions / Prototype or Product Demonstration, etc. (as applicable)	5
5	GROUP B Seminar / Presentation / Assignment / Quiz / Paper presentation / Paper publication / Technical Writing / Open book test / Poster preparation	5
Total		50

THEORY INTEGRATED PRACTICAL COURSES END SEMESTER

EXAMINATION PATTERN:

L	T	P	C	Internal Exam Pattern		End Semester Exam Pattern
				Assessment 1	Assessment 2	
1	0	4	3	Lab 15%	Theory 35%	End Semester Examination is to be conducted as Practical Exam
1	0	2	2	Theory 25%	Theory 25%	
2	0	2	3	Theory 40%	Lab 10%	End Semester Examination is to be conducted as both Practical & Theory Examinations
3	0	2	4	Theory 25%	Theory 25%	
2	0	4	4	Lab 25%	Theory 25%	

10.4 PRACTICAL COURSES

Every practical exercise / experiment shall be evaluated based on records of work done (exercise / experiment prescribed as per the syllabi).

S. No	Item	Marks
1	Observation and Record	40
2	Internal Practical Examination	20
Grand Total		60

10.5 MINI PROJECT

The Dean / Head of Department shall constitute a review committee for End Semester Assessment of each programme of study. The student shall make presentation on the progress made by him / her before the committee.

The procedure for awarding internal marks is as follows

S. No	Item	Marks
1	Internal Reviews (2 x 20)	40
2	Report Evaluation	20
Total		60

10.6 INDUSTRIAL TRAINING / INTERNSHIP / FIELD WORK

The industrial training / internship / field work shall carry 100 marks and shall be evaluated as follows:

S. No	Item	Marks
1	Evaluation from Industry / Academic Mentor	40
2	Presentation and Submission of Report with certificate.	30
3	Viva - Voce	30
Total		100

10.7 QUESTION PAPER PATTERN

The question paper pattern for the theory examinations is given below:

INTERNAL ASSESSMENT TEST

Duration – 1 hour 30 minutes, Maximum marks – 50 marks

Section A	Short answer questions	5 x 2 = 10 marks
Section B	Consists of two either / or questions for 13 marks from each unit and one either / or question for 14 marks (case study/applications)	2 x 13 = 26 marks
		1 x 14 = 14 marks
	Total	50 marks

For Aptitude Courses

PART A	20 x 1 = 20 marks
PART B	15 x 2 = 30 marks
Total	50 marks

END SEMESTER EXAMINATIONS

Duration – 3 hours, Maximum marks – 100

PART A	2 Mark Questions: Short answer questions	10 x 2 = 20 marks
PART B	16 Mark Questions: Consists of four questions either-or type covering any 4 units and one case study or application-oriented question of either-or type from the remaining unit	5 x 16 = 80 marks
	Grand Total	100 marks

For Aptitude Courses

PART A	40 x 1 = 40 marks
PART B	30 x 2 = 60 marks
Total	100 marks

10.8 Seminar Course:

The seminar is to be considered as purely INTERNAL (with 100% internal marks only). Every student is expected to present a minimum of 2 seminars for the seminar course and for each seminar, marks can be equally apportioned. At the end of the semester the marks can be consolidated and taken as the final mark and hence, there is no need for End Semester Examination for SEMINAR.

11. REQUIREMENTS FOR COMPLETION OF THE SEMESTER

A student who has fulfilled the following conditions (vide clause 7.1 and 7.2) shall be deemed to have satisfied the attendance requirements for appearing for end semester examination of a particular course.

- 11.1 Ideally every student is expected to attend all periods and earn 100% attendance. However, the student shall secure not less than 75% attendance course wise taking into account the number of periods required for that course as specified in the curriculum.
- 11.2 If a student secures attendance between 65% and 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 Principal, 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. In all such cases, the students should submit the required documents on joining after the absence to the Head of the Institution through the Dean/Head of Department.
- 11.3 A student shall normally be permitted to appear for End semester examination of the course if the student has satisfied the attendance requirements (vide Clause 10.1 –10.2) and has registered for examination in those courses of that semester by paying the prescribed fee.
- 11.4 Students who do not satisfy clause 10.1 and 10.2 and who secure less than 65% attendance in a course will not be permitted to write the End-Semester Examination of that course. The student has to register and repeat this course in a subsequent semester when it is offered next, attend the classes and fulfill the attendance requirements as per clause 10. 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.
- 11.5 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.

12. REQUIREMENTS FOR APPEARING SEMESTER EXAMINATION

- 12.1 A candidate shall normally be permitted to appear for the Autonomous examinations of the current semester if he/she has satisfied the semester completion requirements as per clause 10.1 & 10.2 and has registered for examination in all courses of the current semester.
- 12.2 Further, registration is mandatory for all the courses in the current semester as well as for arrear(s) course(s) for the end semester examinations failing which, the candidate will not be permitted to move to the higher semester.

13 END SEMESTER EXAMINATIONS

- 13.1 There shall be an End- Semester Examination of 3 hours duration in each lecture-based course.
- 13.2 The examinations shall ordinarily be conducted between October and December during the odd semesters and between March and May in the even semesters. For the practical examinations (including project work), both internal and external examiners shall be appointed by the Controller of Examinations. The maximum marks for each theory and practical course shall be 100 comprising 50 marks for internal assessment.

13.3 If a student indulges in malpractice in any of the end semester examination / internal examinations, he / she shall be liable for punitive action as prescribed by the institution from time to time.

14. PASSING REQUIREMENTS

14.1 A candidate who secures not less than 50% of total marks (Internal and External marks) prescribed for the courses with a minimum of 50% of the marks prescribed for each of the course of the End-Semester Examination in both theory and practical courses, shall be declared to have passed in the Examination.

14.2 If the candidate fails to secure a pass in a particular course as per clause 13.1, it is mandatory that the candidate shall register and re-appear for the examination in that course during the subsequent semester when examination is conducted for that course. Further, the candidate should continue to enroll and reappear for the examination till a pass is secured in such arrear course.

14.2.1 The internal assessment marks obtained by the candidate in the first appearance shall be retained and considered valid for all subsequent attempts till the candidate secure a pass. However, from the 3rd attempt onwards if a candidate fails to obtain pass marks (IA + End Semester Examination) as per clause 13.1 then the passing requirement shall be as that, the candidate should secure at least 50% in the end semester examinations irrespective of internal assessment marks obtained.

15. ELIGIBILITY FOR THE AWARD OF THE DEGREE

A student shall be declared to be eligible for the award of the M.E / MTech/MCA/MBA degree provided the student has

- i) Successfully gained the required number of total credits as specified in the curriculum corresponding to the student's programme within the stipulated time.
- ii) Successfully completed the course requirements, appeared for the End-Semester examinations and passed all the courses within a prescribed maximum period reckoned from the commencement of the first semester to which the candidate was admitted.
- iii) Successfully passed any additional courses prescribed whenever readmitted.
- iv) No disciplinary action pending against the student.
- v) Award of Degree must have been approved by the Anna University.

16. AWARD OF LETTER GRADES

16.1 All assessments of a course will be done on absolute marks basis. However, for the purpose of reporting the performance of a candidate, letter grades, each carrying

certain points specified, will be awarded as per the range of total marks (out of 100) obtained by the candidate (Regular or Arrear), as detailed below:

S. No	Range of Percentage	Letter Grade	Grade Points
1	91 to 100	O (Outstanding)	10
2	81 to 90	A+ (Excellent)	9
3	71 to 80	A (Very Good)	8
4	61 to 70	B+ (Good)	7
5	56 to 60	B (Average)	6
6	50 to 55	C (Satisfactory)	5
7	< 50	U (Re-Appearence)	0
8	Shortage of Attendance	RA-SA (Re-appearance due to shortage of attendance)	0
9	Withdrawal	W (Withdrawal)	0

“**RA**” denotes unsatisfactory grade which requires Reappearance (**RA**) in the examination for that particular course.

The Letter “**W**” denotes withdrawal from the course. (Clause 18)

The Letter “**I**” denotes inadequate attendance (as per clause 10) and hence prevention from writing the End Semester Examinations.

“**AB**” denotes Absent for the examination. The Grade “**AB**” will figure both in Marks Sheet as well as in Result Sheet

16.2 Grade Sheet

After results are declared, Grade Sheets will be issued to each student which will contain the following details:

1. Name of the College
2. Name and Photo of the Student
3. The list of courses enrolled during the semester and the grades scored.
4. The Grade Point Average (GPA) for the semester and
5. The Cumulative Grade Point Average (CGPA) of all courses enrolled from first semester onwards.

GPA for a semester is the ratio of the sum of the products of the number of credits for courses acquired and the corresponding points to the sum of the number of credits for the courses acquired in the semester.

$$\text{GPA} = \frac{\text{Sum of [Credits Acquired x Grade Points]}}{\text{Sum of Credits Acquired}}$$

CGPA will be calculated in a similar manner, considering all the courses registered from first semester. “U”, “I” and “W” grades will be excluded for calculating GPA and CGPA.

$$\text{CGPA} = \frac{\sum_{i=1}^n C_i \text{GP}_i}{\sum_{i=1}^n C_i}$$

where C_i – is the Credits assigned to the course

GP_i – is the Grade point corresponding to the grade obtained for each Course

n – is number of all Courses successfully cleared during the particular semester in the case of GPA and during all the semesters in the case of CGPA

17. CLASSIFICATION OF THE DEGREE AWARDED

- 17.1 A candidate who qualifies for the award of the Degree (Vide Clause 14) having passed the examination in all the courses in his / her first appearance within the specified minimum number of semesters securing CGPA of not less than 8.5 shall be declared to have passed the examination in First Class with Distinction. For this purpose, the withdrawal from examination (vide clause 18) will not be construed as an appearance. Further, the authorized break of study (vide clause 19) will not be counted for the purpose of classification. A candidate should NOT have been prevented from writing end Semester examination due to lack of attendance in any of the courses
- 17.2 A candidate who qualifies for the award of the Degree (vide clause 14) having passed the examination in all the courses within the specified minimum number of semesters plus one year (two semesters), securing a CGPA of not less than 6.5 shall be declared to have passed the examination in First Class. For this purpose, the authorized break of study (vide clause 19) the withdrawal from the Examination, as well, will not be counted for the purpose of classification.
- 17.3 All other candidates (not covered in clauses 16.1 and 16.2) who qualify for the award of the degree (vide clause 14) shall be declared to have passed the examination in Second Class.
- 17.4 A candidate who is absent in End Semester Examination in a course / project work after having enrolled for the same shall be considered to have appeared in that examination for the purpose of classification.

18. REVALUATION

A candidate can apply for revaluation of his/her semester examination answer paper in a theory course, within 2 weeks from the declaration of results, on payment of a prescribed fee through proper application to the Controller of Examinations through the Dean/Head of departments. The Controller of Examinations will arrange for the revaluation and the results will be intimated to the candidate concerned through the Dean/Head of Department. Revaluation is not permitted for practical courses and for project work

18.1 PHOTO COPY

A candidate can apply for getting photo copy of the answer paper in a theory course within 2 weeks from the declaration of results, on payment of a prescribed fee through proper application to the Controller of Examinations through the Dean/Head of the department. The Controller of Examination will arrange for the issue of the photocopy of the answer sheet to the candidate concerned through the Dean/Head of Department.

18.2 REVIEW

Candidates not satisfied with Revaluation only can apply for Review of his/ her examination answer paper in a theory course, within the prescribed date on payment of a prescribed fee through proper application to Controller of Examination through the Head of the Institution.

18.3 RETAINING PERIOD FOR EVALUATED ANSWER SCRIPTS

The answer scripts of a student which are evaluated for awarding grades shall be retained by office of CoE for a period of three years from the date of publishing the End Semester results.

19. PROVISION FOR WITHDRAWAL FROM EXAMINATION:

A candidate may, for valid reasons, be granted permission to withdraw from appearing for any course(s) of only one semester examination during the entire duration of the degree programme. Also, only one application for withdrawal is permitted for that semester examination in which withdrawal is sought.

Withdrawal application shall be valid only if the candidate is otherwise eligible (as per clause 10.1 or 10.2) to write the examination and if it is made prior to the examination in that course(s) and also recommended by the Dean/Head of Department.

A photo copy of the hall ticket must be enclosed along with the withdrawal application and submitted to the CONTROLLER OF EXAMINATIONS.

Withdrawal shall not be construed as appearance for the eligibility of a candidate for the purpose of classification, vide clause 16.1

20. AUTHORIZED BREAK OF STUDY FROM A PROGRAMME:

20.1 Break of Study shall be granted only once for valid reasons for a maximum of one year during the entire period of study of the degree programme. However, in extraordinary situation the candidate may apply for additional break of study not exceeding another one year by paying prescribed fee for break of study. If a candidate intends to temporarily discontinue the programme in the middle of the semester for valid

reasons, and to re-join the programme in a subsequent year, permission may be granted based on the merits of the case provided he / she applies to the Controller of Examinations in advance, but not later than the last date for registering for the End Semester Examinations of the semester in question, through the head of the department stating the reasons therefore and the probable date of re-joining the programme. However, if the candidate has not completed the first semester of the programme, Break of Study will be considered only on valid medical reasons.

- 20.2 The candidate permitted to re-join the Programme after the break shall be governed by the Curriculum and Regulations, in force, at the time of re-joining. If the regulations are changed, then, those candidates may have to do additional courses as prescribed by the respective Board of Studies.
- 20.3 The authorized break of study will not be counted for the duration specified for passing all the courses for the purpose of classification. (Vide Clause 16.1 and 16.2).
- 20.4 The total period for completion of the Programme reckoned from, the commencement of the first semester to which the candidate was admitted shall not exceed the maximum period specified in clause 3 irrespective of the period of break of study in order that he/she may be eligible for the award of the degree (Vide clause 16).
- 20.5 If any student is detained for want of requisite attendance, progress and good conduct, the period spent in that semester shall not be considered as permitted 'Break of Study' and Clause 19.3 is not applicable for this case.
- 20.6 No break of study would be offered during the First year of study.

21. STUDENT ACTIVITY POINT PROGRAM (Non Academic Credits)

21.1 Sports and Clubs

Student may select one sport and one club (inclusive of arts and music) in order to participate in the events conducted by college or any organization. Student shall produce certificate for event to clear this non-academic course. The calendar of events must be prepared in due course of the academic year by the faculty coordinator / Mentor. Proof submitted by the students will be validated and approved by a committee constituted by the Head of the Institution.

S. No	Item	Marks
1	Attendance	25
2	Participation/Winner with report & certificate	75
Total		100
2.1	Participation in any Events (Within the College/External)	10
2.2	Winner in any Events (Within the College/External)	15
2.3	Participation in any State Level Events	20
2.4	Winner in any State Level Events	25
2.5	Participation in any National Level Events	30
2.6	Winner in any National Level Events	40
2.7	Participation in any International Level Events	45
2.8	Winner in any International Level Events	50

The total Marks would be calculated out of 100 and the grades would be given as per the grading system defined. The students have to score a minimum of 50% marks. The Genuineness of the Sports and Club Certificate submitted by the students to be verified by a

committee consisting of Head of the Department and two senior members of the department. If required, the Physical Director may also be consulted.

21.2 Weekend Online Practice: 1. Coding 2. VQAR 3. Tool/iTech 4. Domain

Students may take up the online test throughout the week for the categories mentioned and shall complete the test within 6 - 8 hours of time. Every student shall obtain a sectional cut off marks of 60% and shall complete 80% of the test. Credits will be awarded on completion of the test during the semester.

21.3 Contest/Competition/Hackathon

Student may participate in any online test/contest/hackathon conducted by the college or any organization. Student shall produce certificate for clearing this non-academic course. The calendar of events must be prepared in due course of the academic year by the faculty coordinator/Mentor. The student shall participate in one event per semester.

S. No	Item	Marks
1	Attendance	25
2	Participation/Winner with certificate	75
	Total	100
2.1	Participation in any contest conducted by any College	25
2.2	Winner in any Contest/Competition conducted by any College	35
2.3	Participation in any Contest/ Competition/ Hackathon conducted by organization (CTS, TCS etc.) / College (NIT/IIT etc.)	40
2.4	Winner in any Contest/Competition/Hackathon conducted by Organization (CTS, TCS etc.) / College (NIT/IIT etc.)	50

The total Marks would be calculated out of 100 and the grades would be given as per the grading system defined

22. DISCIPLINE

Every student is required to observe disciplined 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 an enquiry committee. The findings of the enquiry committee will be sent to the disciplinary committee which will consist of all heads of the departments. The recommendations of the disciplinary committee will be sent to the Head of the Institution for approval.

23. ACADEMIC SCHEDULE

Normally academic schedule highlighting working days, IA Exams, Practical Exams and End-Semester Exams will be prepared and distributed to all the departments concerned at the beginning of the odd/even semester

24. REVISION OF REGULATIONS, CURRICULUM AND SYLLABUS

The College may revise, amend or change the Regulations, Scheme of Examinations and syllabi, if found necessary as per the guidelines of the UGC, AICTE and Anna University with the approval of the Academic Council.

25. PROCEDURE FOR REAPPEARANCE

- 25.1 If a student fails to secure a pass in a theory course, the student shall do reappear registration for that course in the subsequent semester, when offered next, and attend the end semester examination.
- 25.2 If a student fails to secure a pass in a practical course, the student shall be permitted to reappear in end semester practical exam in subsequent End Semester Examinations, if he/she had obtained the bonafide certificate from the concerned practical course faculty.
- 25.3 If the student has failed, in professional elective course or an open elective, the student may be permitted to register for the same or any other Professional Elective or Elective Course in the subsequent semester, he/she has to attend the classes and fulfil the attendance requirements.

ANNEXURE- I

DETAILS OF TOTAL MINIMUM CREDITS

S.No	BRANCH	TOTAL MINIMUM CREDITS NEEDED FOR SUCCESSFUL COMPLETION OF DEGREE
1	M.E Computer Science and Engineering	72
2	M.E Power Systems Engineering	76
3	M.E Structural Engineering	74
4	M.E Thermal Engineering	72
5	M.B.A. Master of Business Administration	102
6	M.C.A. Master in Computer Applications	84

ANNEXURE- II

POLICY ON MALPRACTICES

All instances of malpractices will be forwarded to the Head of the Institution / Chief Superintendent. The offences will be investigated by a Standing Enquiry Committee constituted by Head of the Institution, the committee is to summon and give the student an opportunity to present/ place his / her case. The Committee may also summon anybody else, if it so deems necessary for the conduct of Enquiry, in the interest of proper investigation and dispensation of the case. The committee will have tenure for the complete Academic year.

The Committee is to be guided by the following:

- i. The seriousness of the malpractice, in terms of deviousness, and culpability / criminality of motive
- ii. The seriousness in terms of effort and degree of deviousness and culpability / criminality of effort
- iii. Any FIR / Police case that has been registered in the first instance by the Head of the Institution / Chief Superintendent.

Any other special consideration either mitigating or to the contrary

PENALTY FOR OFFENCES

The enquiry report with findings and recommendations of the Committee are to be forwarded to the Controller of Examinations who will undertake necessarily follow up action.

GUIDELINES FOR AWARDING PUNISHMENTS TO MALPRACTICE CASES OF STUDENTS

S.No.	Nature of Malpractice	Maximum Punishment
1.	Appeal by the candidate in the answer script to show mercy by way of awarding more than deserving marks.	I. - Fine of Rs.1000/- per subject.
2.	The candidate writing his/her name in the answer script.	
3.	The candidate writing his/her registration number/ college name in places other than specified in the answer script.	
4.	Any special marking in the answer script by the candidate.	
5.	The candidate communicating with neighboring candidate orally or non verbally; the candidate causing suspicious movement of his/her body.	
6.	Irrelevant writing by the candidate in the answer script.	
7.	The candidate either possessing the question paper of another candidate or passing his question paper to another	

	candidate with the question paper containing no additional writing on it.	
8.	The candidate possessing cell phones/ programmable calculator(s)/any other electronic storage device(s) containing no incriminating materials.	II. - Fine of Rs.2000/- per subject.
9.	The candidate facilitating the other candidate(s) to copy from his/her answer script.	IIIA. – Invalidating the examination of the particular subject written by the candidate.
10.	The candidate possessing any incriminating material(s) (whether used or not). For example: - Written or printed materials, bits of papers containing written information, writings on scale, calculator, handkerchief, dress, part of the body, Hall Ticket, etc.	IIIA, IIIB or IIIC IIIA – If the quantum of the incriminating material is less than that could normally be printed in two lines of A5 size paper, then punishment is restricted to the subject concerned only. IIIB – If the quantum is equal to or more than that could normally be printed in two lines and less than that could normally be printed in the full page of the A5 size paper then the punishment is invalidating the examination of the subject concerned and further the candidate is not considered for any moderation and revaluation in the current semester for any subject (including arrear subjects)
11.	The candidate possessing cell phone(s)/ programmable calculator(s)/ any other electronic storage device(s) and containing incriminating materials (whether used or not)	IIIC – When the quantum is equal to or more than that could normally be printed in full page of A5 size paper, then the punishment would be invalidating the examinations of the subject concerned and all the theory and the practical subjects of the current semester registered by the candidate. Further the candidate is not considered for revaluation of answer scripts of the arrear subjects.
12.	The candidate possessing the question paper of another candidate with additional writing on it.	
13.	The candidate passing his/her question paper to another candidate with additional writing on it.	
14.	The candidate passing incriminating materials brought into the examination hall in any medium (hard/soft) to other candidate(s).	
15.	The candidate copying from neighboring candidate.	If the candidate has registered for the arrear subjects only, invalidating the examinations of all the arrear subjects registered by the candidate. The punishment does not include project work and the subjects with 100% internal evaluation.
16.	Vulgar/offensive writings by the candidate in the answer script.	IV. – Invalidating the examinations of all the theory and practical subjects of the

17.	The candidate possessing the answer script of another candidate.	current semester and all the arrears' subjects registered by the candidate
18.	The candidate passing his/her answer script to another candidate.	
19.	Appeal by the candidate in the answer script coupled with a promise of any form of consideration.	
20.	The candidate misbehaving in the examination hall.	Va.–For candidates who have not completed the programme: The examinations of all the theory and the practical subjects of the current semester and all the arrear subjects registered by the candidate are invalidated. Further, the candidate is debarred from continuing his/her studies for one year i.e., for two subsequent semesters. However, the student is permitted to appear for the examination in all the arrear subjects up to the last semester during the debarred period
21	Involved in any one or more of the malpractices of serial no.10 to 19 for the second or subsequent times.	Vb. – For candidates who have completed the programme: The examinations of all the arrear subjects registered by the candidate are invalidated. Further, the candidate is prevented from writing the examinations of the arrear subjects for the two subsequent semesters
22.	Cases of Impersonation.	For both the impersonator and the Bonafide student for whom the impersonation was done. VI. – The examinations of all the subjects registered by the candidate are invalidated and further the student is debarred from continuing his/her studies and debarred from writing the examinations permanently. He / She is not eligible for any further admission to any programme of the University.