

GOVERNMENT COLLEGE OF ENGINEERING: SALEM 636011
(An Autonomous Institution Affiliated to Anna University, Chennai)
(NAAC ACCREDITED)

REGULATIONS 2022 (Revised Version)

(With effect from Academic Year 2026-27 onwards)

Common to all B.E (FULL TIME) DEGREE PROGRAMME

(For the students admitted to B.E Programme in the Academic Year 2023– 24 and 2024-25)

1. DEFINITIONS AND NOMENCLATURE

The regulation, unless the context otherwise specifies

- (i) **“Programme”** means Degree Programme (i.e) B.E. Degree Programme.
- (ii) **“Branch”** means specialization of B.E Degree Programme like “Civil Engineering”, “Mechanical Engineering”, etc.
- (iii) **“Course”** means a Theory or Practical subject or Theory cum Practical that is normally studied in a semester like Engineering Physics, Engineering Chemistry, Physics Laboratory, Chemistry Laboratory, Communicative English etc.,
- (iv) **“Head of the Institution”** means the Principal of the College / Institution who is responsible for all academic activities, for the implementation of relevant rules and regulations.
- (v) **“Controller of Examinations(COE)”** means the authority of the institution who is responsible for all activities of the End Semester Examinations of all departments.
- (vi) **“Head of the Department(HOD)”** means Head of the Programme concerned.
- (vii) **“College”** means the Government College of Engineering, Salem.
- (viii) **“University”** means Anna University, Chennai.

2. ELIGIBILITY FOR ADMISSION

For admission to the Bachelor Degree Programme candidates will be required to satisfy the conditions of admission thereto prescribed by the Government of Tamil Nadu and Anna University, Chennai. Provision is made for lateral entry candidates with Diploma in Engineering / Technology in the third semester of the programme of one of the branches of study and they will be required to satisfy the conditions of admissions there to be prescribed by the Government of Tamil Nadu and Anna University, Chennai.

3. BRANCHES OF STUDY

- 3.1** Branches will be offered at the time of admission to the programme. The following are the branches offered in this college.

B.E. Civil Engineering
B.E. Computer Science and Engineering
B.E. CSE (Artificial Intelligence and Machine Learning)
B.E. Electronics and Communication Engineering
B.E. Electrical and Electronics Engineering
B.E. Mechanical Engineering
B.E. Metallurgical Engineering

3.2 In addition to the regular B.E programme, the following are offered by the institution:

3.2.1 B.E Honours

Students can earn, **B.E Degree with Honours** in the respective branch of study by studying six additional courses (3 credits each) across the list of verticals or from a single vertical prescribed in the curriculum of the same programme.

3.2.2 B.E with Minor Degree

Students can earn, **B.E with Minor Degree** in other programme (other than parent branch of study) by studying six additional courses (3 Credits each) in one of the verticals prescribed in the curriculum of other B.E programme.

4. DURATION AND STRUCTURE OF THE PROGRAMME

4.1 The Minimum and Maximum period of the U.G. Full time programme are given below:
The total duration for completion of the programme shall not exceed the maximum duration irrespective of the period of break of study (vide clause 25) or prevention (vide clause 11.6) in order that the student may be eligible for the award of the degree (vide clause 23)

Programme	Minimum	Maximum
B.E. (Regular Stream)	4 Years (8 Semesters)	7 Years (14 Semesters)
B.E. (Lateral Entry)	3 Years (6 Semesters)	6 Years (12 Semesters)

4.2 The duration of B.E. programme shall be 4 Years for Regular Stream and 3 Years for Lateral Entry. Each academic year will be divided into two semesters. The number of working days shall be 80 days or 540 periods (which includes the days for conducting periodical tests) each of 50 minutes duration. The number of working days shall exclude study holidays, Government holidays and end semester examination days.

4.3 Categorization of Courses

Every B.E. programme will have a curriculum with syllabi consisting of theory, practical, theory cum practical courses that shall be categorized as follows:

- i. Humanities, Social Sciences and Management (HS)** courses include Technical English, Ethics and Human Values, Communication skills.
- ii. Basic Sciences (BS)** courses include Mathematics, Physics, Chemistry, Biology, Physics laboratory, Chemistry laboratory, etc.
- iii. Engineering Sciences (ES)** courses include Engineering practices, Computer Practice, Engineering Graphics, Engineering Mechanics, Basics of Electrical / Electronics / Mechanical / Civil/ Computer Engineering etc.
- iv. Professional Core (PC) courses** include the core courses relevant to the chosen specialization/ branch.
- v. Professional Elective (PE)** courses include the elective courses relevant to the chosen specialization/ branch.

- vi. **Open Elective (OE)** courses include the courses relevant to the chosen specialization / branch which a student can choose from the curriculum of other B.E. programmes and courses offered by the Departments under the Faculty of Science and Humanities.
- vii. **Employability Enhancement (EE)** courses include Project Work, Mini Project, Seminar, Internship and Industrial / Practical Training / Professional Readiness for Innovation, Employability and Entrepreneurship etc.
- viii. **Mandatory(Audit) (MC)** course includes Environmental Science, Constitution of India, Induction Programme/Personality and Character Development Programme.

4.4 **Personality And Character Development**

All students shall enroll, on admission, in any one of the personality and character programmes NCC / NSS / SPORTS / YRC and undergo training/conduct activities for about 80 hours and attend a camp of about seven days. The training shall include classes on hygiene and health awareness and also training in first-aid. Alternatively, activities of science, literature and arts also help for personality and character development. So, students shall conduct and participate actively in Science Club/ Literary Forum/Fine arts, activities for 80 hours and participate in atleast ONE event.

National Cadet Corps (NCC) programme will have about 20 parades.

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

National Sports Organisation (NSO) will have Sports, Games, Drills, Physical exercises etc.

Youth Red Cross (YRC) will have activities related to social services in and around college/institution. While the training activities will normally be during weekends, the camp will normally be during vacation period.

Science Club shall organize activities of popularization of science and scientific temper through activities related to astronomy, works of great scientist from India and abroad, observing National Science Day etc.,

Literary Club like 'Tamil Mandram/ English Literary Association shall be formed, which shall organize colorful events to propagate good humanist values, morals and ethics reflected in the literature.

Fine Arts Club like music, painting and documentary films with social themes shall be encouraged.

Students who enroll and take active participation in any of the above activities for 80 hours and participate in at least one event/programme will be given a certificate by the Head of the Institution and the copy of the same shall be forwarded to the Controller of Examinations for the purpose of record and scrutiny.

- 4.5 The courses of study shall be theory or practical or theory cum practical and shall be in accordance with the prescribed syllabi.
- 4.6 Each semester curriculum shall normally have a blend of lecture and practical courses not exceeding 11 courses. However, Employability and Enhancement course(s) may be included as additional courses. Each course shall have credits assigned as per Clause 4.10.
- 4.7 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.
- 4.8 The medium of instruction for all courses, examinations, Seminar presentations, Project work report shall be in **English**, except for courses on language other than English.

4.9 Internship

All the students shall undergo Internship in one or more organizations in any semester vacation from V to VII semesters for a period of at least four weeks either in single spell or in multiple spells of a week each. The students may undergo Internship at any Research organizations /University /Institution /Industry (after due approval from the Head of the Institution) for the period of four weeks, in lieu of Internship. Internship certificate along with attendance particulars mentioning the period of Internship signed by the competent authority of the Industry, shall be submitted to the Head of the Department. In case of internship carried out in multiple spell the student shall submit all the Internship certificates received from each organization along with the attendance certificate mentioning the Internship Period. The Head of the Department shall submit the internship details along with the internship certificate to the COE Office. The internship details shall be printed in the consolidated grade sheet mentioning the name of the firm, duration of internship etc.,

4.10 Credit Assignment

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

Contact period per week	Credits
1 Lecture Period	1
1 Tutorial Periods	1
1 Practical Periods (Laboratory / Seminar / Project Work / Mini Project etc.)	0.5

4.11 One Credit Courses

One credit course shall be offered by a Department with the prior approval from the Board of Studies. The details of the syllabus must be approved by the Board of Studies. The credits earned through the one credit courses shall be over and above the total credit requirement prescribed in the curriculum for the award of the degree. They shall be allowed to take one credit courses offered in other Departments also with the permission of the Head of the Department offering the course.

4.12 Industrial Visit

Every student is required to go for at least one Industrial Visit every semester starting from the second year of the Programme. The Heads of the Departments shall ensure that necessary arrangements are made in this regard.

4.13 Self Study Courses

- 4.13.1. Students may be permitted to enroll for one Self Study Course with the approval of the respective Board of Studies.
- 4.13.2. The students can opt for Self Study Course from the list of Professional Electives provided, the students do not have any standing arrears and the CGPA should be 7.5 and above. The purpose of the course is to permit the student to study a course of the student's choice. The students shall study on their own under the guidance of a faculty member. No formal lectures need to be delivered. One Faculty member assigned by the HOD shall be responsible for the periodic monitoring and assessment of the student in that course.

- 4.13.3. For Self-study or online courses the credit equivalence shall be assessed by a three-member committee constituted by HOD (2 Senior faculty and Head) before course registration.

4.14 **Online (NPTEL/SWAYAM) Courses**

Students may be permitted to enroll and study a maximum of one online courses, subject to a maximum of **three credits**, with the approval of the Head of the Department and the Head of the Institution, in lieu of open elective/professional elective courses. The Head of the Department shall form a three-member committee to ensure that the student has not studied such courses and would not repeat it again as Professional Core/Professional Elective/Open Elective courses. Students can undergo through SWAYAM/NPTEL platforms and credit transfer is to be done on the marks and certificate provided by the NPTEL. The Number of credits and transfer of credits are based on the duration of course as given below

No. of weeks	No. of Credits
4	1
8	2
12	3
16	4

The mapping of marks with grades is applicable only if the student passes the course as per the guidelines of NPTEL. The marks range and the letter grades for these courses are as specified below

Marks	Letter Grade
91 - 100	O
81 - 90	A+
71 - 80	A
61 - 70	B+
56 - 60	B
51 - 55	C

These courses will be printed in the gradesheet under the title additional courses after the Head of the Department recommends the SWAYAM/NPTEL courses. It is considered for credit transfer and for CGPA calculation in the 8th semester.

If repetition of such courses are found in the higher semester after the recommendation by the HOD, it will not be considered for credit and student has to undergo one more Professional/Open elective course in order to meet out the minimum eligible credits required for degree.

4.15 **Value Added Courses**

The students may optionally undergo Value Added Courses over and above the topics covered in the curriculum to obtain practical and industry specific knowledge. The credits earned through the Value Added Courses shall be over and above the total credits requirements prescribed in the curriculum for the award of the degree. One/Two credit courses shall be offered by a Department of an institution with the prior approval from the Head of the institution and the Board of Studies without any additional fee charged from the students. The credit earned through value added courses will not be considered for CGPA calculation but printed in the gradesheet.

4.16 Mandatory(Audit) Courses / Zero Credit

The students may optionally study Mandatory(Audit)/ Zero Credit courses prescribed by the College and it will be mentioned in the Grade Sheet. However, it will not be considered for computation of CGPA.

4.17 Protosem – Sprint Courses :

The students who are studying in this institution from first semester onwards has to study the prerequisite four sprint courses for Protosem Stream (Engineering Sprint, Innovation Sprint, Design Sprint and Ideation Sprint) prescribed in the curriculum from 2nd to 5th semester and to appear for Hackathon conducted in the fifth semester.

The students who got transferred and admitted in the third semester of their studies has to complete the 2nd semester sprint courses(Engineering Sprint) in the fourth semester.

The students who got transferred and admitted in the fifth semester of their studies are not eligible to undergo sprint courses in the fifth semester but they have to compensate the shortage credits (4 credits) by studying additional Professional Elective/Open Elective/SWAYAM/NPTEL/MOOC/ Nanmuthalvan courses with one/two/three credits.

4.18 Employability Enhancement Skill Based Courses :

Skill based experiential learning courses will be offered in two categories as purely Laboratory Based Courses and Theory Integrated Laboratory Courses with 2 credits each. A student can accumulate upto 6 credits through such courses and such credits will be considered in lieu of the Professional Elective and / or Open Elective courses.

These courses may be offered with the support of the identified firms/companies and with one course coordinator per course and a mentor from the firm.

The credit earned by the student only after successful completion of the course and recorded in the gradesheet under the title additional courses.

If a student has not successfully completed the skill-based courses during the prescribed semester then the same shall not be recorded in the grade sheet.

The students are permitted to drop a professional/open elective course(s) from the VI semesters onwards on successful completion of two skill-based courses (earning 4 credits) and permitted to drop one more professional/open elective course after completion of one more skill-based course of two credits (i.e after earning 6 credits in total). These courses will be printed in the subsequent semester gradesheet under the title additional courses and not considered for CGPA calculation in that semester. The same will be considered for CGPA calculation in the 8th semester.

If more number of such courses were studied by the student, then three courses with higher grades will be considered for CGPA calculation.

5. COURSE ENROLLMENT AND REGISTRATION

5.1 Each student, on admission shall be assigned to a Faculty Advisor (vide clause 6) 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.

5.2 Every student shall enroll for the courses of the succeeding semester in the current semester. However, the students shall confirm the enrollment by registering for the courses within the first five working days after the commencement of the concerned semester.

5.3 No course shall be offered by a Department unless a minimum of 10 students register for that course. However the minimum number is not applicable for students enrolling B.E (Hons) and B.E Minor.

- 5.4 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.
- 5.5 Each student on admission shall register for all the courses prescribed in the curriculum during the first semester of study.
- 5.6 The enrollment for the courses of the semesters II to VIII 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 Faculty Advisor. If the student wishes, the student may drop or add courses (vide clause 5.7) within five working days after the commencement of the concerned semester and complete the registration process duly authorized by the Faculty Advisor.

5.7 Flexibility to Add or Drop courses

- 5.7.1. A student has to earn the total number of credits specified in the curriculum of the respective Programme of study in order to become eligible to obtain the degree. However, if the student wishes, then the student is permitted to earn more than the total number of credits prescribed in the curriculum of the student's programme.
- 5.7.2. From the III to VIII semesters, the student has the option of registering for additional courses or dropping existing courses. Total number of credits of such courses cannot exceed 6.
- 5.7.3. The student shall register for the project work in the respective semester only.
- 5.7.4. From the V to VIII semesters, the students has the option of registering for additional courses in a semester with regards to enrolling for B.E(Hons) / B.E Minor.

5.8 Fast Track System

- 5.8.1. Fast Track System is for meritorious B.E Full time students.
- 5.8.2. With the eligibility criteria he/she will be permitted to take up and complete an eighth semester professional core/professional elective in the fifth semester, a professional elective in the sixth semester and a professional elective in the seventh semester under the Fast track system.
- 5.8.3. Eligibility Criteria for opting Fast Track System: Students should have earned minimum CGPA of 7.5 up to previous semesters. There should not have any standing arrears up to IV semester for enrollment of a Professional Core/Professional elective in the V semester of study, no standing arrears upto V semester for enrollment of a Professional Elective in the VI semester of study and no standing arrear upto VI semester for enrollment of a Professional Elective in the VII semester of study.
- 5.8.4. If the eligibility is not satisfied at any point of time the candidate will not be permitted to continue in the FAST TRACK SYSTEM and further he/she has to complete the course as per the regular system.
- 5.8.5. FAST TRACK Stream is optional.

5.9 PROTOSEM System

- At the end of fifth semester on successful completion of four sprint courses - Engineering Sprint, Innovation Sprint, Design Sprint and Ideation Sprint and based on the performance in the Ideation Sprint and in the Hackathon, minimum 45 students will be shortlisted. Only the shortlisted students are permitted to register for the Protosem System(as per the curriculum) in the sixth semester. The students admitted for Protosem stream are exempted to study the (Professional/Open) elective courses prescribed for regular stream students in the sixth semester.
- 5.10 The students are permitted to enroll either in the FAST TRACK System (OR) PROTOSEM System only.

5.11 B.E(Honours) and B.E Minor with specialization in another discipline

5.11.1 (i) B.E Honours

- a. The students should have earned additionally a minimum of 18 credits from any one vertical or more than one verticals of the same programme.
- b. Should have passed all the courses prescribed in the curriculum and the additional courses in the first attempt.
- c. Should have earned a minimum CGPA of 7.50 taking into account of all the courses prescribed in the curriculum and additional courses.

(ii) B.E (Minor with specialization in another Discipline

The student should have earned additionally a minimum of 18 credits in any one of the verticals of other B.E programmes

5.11.2 Students can earn a maximum of 9 credits in online mode(SWAYAM Platform), out of these 18 credits as approved by the Board of Studies.

5.11.3 B.E Honours and B.E Minor in other specialisation, degree will be optional for students.

5.11.4 For clause 5.11.1(i), the students will be permitted to register the courses from V semester onwards provided the marks earned by the students until III semester should be of CGPA 7.50 and above and cleared all the courses in the first attempt.

5.11.5 For clause 5.11.1(ii), the students will be permitted to register the courses from V semester onwards provided the marks earned by the students until III semester should be of CGPA 7.50 and above.

5.11.6 If a student decides not to opt for Honours, after completing a certain number of additional courses, the additional courses studied shall be considered instead of the Professional Elective courses which are part of the curriculum.

If the student has studied more of such courses than the number of Professional Elective courses required as per the curriculum, the courses with higher grades shall be considered for the calculation of CGPA. Remaining courses shall be printed in the grade sheet, however, they will not be considered for calculation of CGPA.

If the student has failed in the additional courses or faced shortage of attendance, they will not be printed in the grade sheet and will not be considered for CGPA calculation and classification of degree.

5.11.7 If a student decides not to opt for Minor, after completing a certain number of additional courses, the additional courses studied shall be considered instead of the Open Elective courses which are part of the curriculum.

If the student has studied more of such courses than the number of Open Elective courses required as per the curriculum, the courses with higher grades shall be considered for the calculation of CGPA. Remaining courses shall be printed in the grade sheet, however, they will not be considered for calculation of CGPA.

If the student has failed in the additional courses or faced shortage of attendance, they will not be printed in the grade sheet and will not be considered for CGPA calculation and classification of degree.

5.11.8 The choices of Professional Electives for Honours shall be from the Professional Elective Vertical separately listed for Honours in the curriculum.

5.11.9 The choices of Open Electives for Minor shall be from the Open Elective Verticals separately listed for Minor in the curriculum.

6. FACULTY ADVISOR

To help the students in planning their courses of study and for general advice on the academic programme, the Head of the Department of the students will attach a certain number of students to a faculty of the Department who shall function as Faculty Advisor for those students throughout their period of study. The Faculty Advisor shall advise the students in registering of courses, authorize the process, monitor their attendance and progress and counsel them periodically. If necessary, the Faculty

Advisor may also discuss with or inform the parents about the progress / performance of the students concerned.

The responsibilities for the faculty advisor shall be:

- ✓ To inform the students about the various facilities and activities available to enhance the student's curricular and co-curricular activities.
- ✓ To guide student enrollment and registration of the courses.
- ✓ To authorize the final registration of the courses during each semester.
- ✓ To monitor the academic and general performance of the students including attendance and to counsel them accordingly.

7. SYSTEM OF EXAMINATIONS :

Performance in each courses of study shall be evaluated based on

- (i) Continuous Internal Assessment (CIA) throughout the semester and
- (ii) an End – Semester Examination (ESE)

7.1 Theory Course :

End-semester Examination will be conducted in all theory courses at the end of each semester for all the programmes. The maximum marks of each course shall be 100, out of which the continuous internal assessment will carry **40 marks**, while the end semester Examination will carry **60 marks**.

7.2 Practical Course

The practical classes for all the Practical/Laboratory component courses will be assessed continuously. The maximum marks for the Practical/Laboratory component courses shall be 100, out of which continuous internal assessment will carry **60 marks** and the end semester practical examination will carry **40 marks**. If any practical course contains Part A and B components, the maximum for each Part of the laboratory will be **50 marks**, out of which the continuous internal assessment will carry **30 marks**, and the end semester practical examination will carry **20 marks**. The end semester practical examination for award of marks shall be conducted by both Internal and External examiners.

7.3 Theory cum Practical courses

The practical classes for all the Theory cum Practical component courses will be assessed continuously. The maximum marks for the Theory cum Practical component courses shall be **100 marks**, out of which continuous internal assessment will carry **50 marks** and the end semester practical examination will carry **50 marks**. There shall be two assessments: the first assessment (maximum mark is 100) will be similar to assessment of theory course and the second assessment (maximum mark is 100) will be similar to assessment of laboratory course respectively. The weightage of the first assessment (Theory course) shall be given 40% and the second assessment (Laboratory Course) can be given 60%. The weighted average of these two assessments shall be converted into **50 marks** for Internal Assessment.

7.4 Project Work and Viva Voce

For the project work and viva – voce examination, the maximum marks shall be 200, comprising 80 marks for internal assessment and 120 marks for the end semester examination. The end semester marks of 120 shall be awarded by both the Internal and External examiners, the project report shall carry a maximum of 60 marks (same mark must be awarded to every student of the project group). The viva-voce examination shall carry 60 marks (awarded to each student of the project group based on the individual performance in the viva-voce examination conducted by External examiner and the Internal Examiner). The Distribution of marks shall be as per the Clause 10.4.6.

8. CLASS COMMITTEE

- 8.1** A Class Committee consists of teachers of the class concerned, student representatives and a chairperson selected from among the faculty who do not teach that 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 the students in the classroom and in the laboratories.
 - ✓ Clarifying the regulations of the degree programme and the details of rules therein particularly clauses 10, 11, 12 and 13 which should be displayed in the college Website.
 - ✓ Informing the student representatives the academic schedule including the dates of assessments and the syllabus coverage for each assessment.
 - ✓ Informing the student representatives the details of Regulations regarding weightage used for each assessment. In the case of practical courses (laboratory / drawing / 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 slow learners.
 - ✓ Identifying slow learner students, if any, and requesting the teachers concerned to provide additional help or guidance or coaching to such students.
- 8.2** The class committee for a class under a particular branch is normally constituted by the head of the department. However, if students of different branches are mixed in a class (like the first semester which is generally common to all branches), the class committee is to be constituted by the Principal.
- 8.3** The class committee shall be constituted within the first week of each semester.
- 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 Faculty adviser(s) and the Head of the department to the meeting of the class committee.
- 8.6** The Principal may participate in any class committee of the institution.
- 8.7** The chairperson is required to prepare the minutes of every meeting, submit the same to Principal within two days of the meeting and arrange to circulate it among the students and teachers concerned. If there are some points in the minutes requiring action by the Head of the Institution the same shall be brought to the notice of the Head of the institution by the head of the Department/Chief Faculty advisor.
- 8.8** The first meeting of the class committee shall be held within fifteen days from the date of commencement of the semester, in order to inform the students about the nature and weightage of assessments with the framework of the regulations. Two or three subsequent meetings may be held in a semester at suitable intervals. The Class Committee Chairman shall put on the Notice Board the cumulative attendance particulars of each course of each student at the end of every such meeting to enable the students to know their attendance details to satisfy clause 11 of this Regulation. During these meetings the student members representing the entire class, shall meaningfully interact and express the opinions and suggestions of the other students of the class in order to improve the effectiveness of the teaching-learning process.

9. COURSE COMMITTEE FOR COMMON COURSES

Each common theory course offered to more than one discipline or group shall have a “*Course Committee*” comprising the entire faculty teaching the common course, with one of them nominated as Course Coordinator. The nomination of the course Coordinator shall be made by the Head of the Department / Principal depending upon whether all the teachers teaching the common course belong to a single department or to several departments. The ‘Course committee’ shall meet in order to arrive at a common scheme of evaluation for the test and shall ensure a uniform evaluation of the tests.

10. PROCEDURE FOR AWARD OF MARKS FOR INTERNAL ASSESSMENT

10.1 Theory Courses:

Two assessments each carrying 100 marks shall be conducted during the semester by the Department/Colleges concerned. The total marks obtained in all assessments put together out of 200 shall be proportionately reduced for 40 marks and rounded to the nearest integer (This also implies equal weightage to the two assessments).

Two Internal assessments will be conducted as a part of continuous assessment. Each internal assessment is to be conducted for 100 marks and will have to be distributed in two parts viz., Individual Assignment / Case Study / Seminar / Mini Project and Test with each having a weightage of 40% and 60% respectively. The tests shall be in written mode. The total internal assessment marks of 200 shall be converted into a maximum of 40 marks and rounded to the nearest integer.

Assessment I (100 Marks)		Assessment II (100 Marks)		Total Internal Assessments
Individual Assignment /Case Study / Seminar / Mini Project	Written Test	Individual Assignment / Case Study / Seminar / Mini Project	Written Test	
40	60	40	60	200*

*The weighted average shall be converted into **40 marks** for Internal Assessment.

10.2 Practical Courses/Mini Project

The maximum marks for Internal Assessment shall be 60 marks. Every practical exercise / experiment shall be evaluated based on conduct of experiment / exercise and records are to be maintained. There shall be at least one test. (Model Lab Exam). The criteria for arriving at the Internal Assessment marks of 60 are as follows: **75 marks** shall be awarded for successful completion of all the prescribed experiments done in the Laboratory and **25 marks** for the test. The total mark shall be converted into a maximum of 60 marks and rounded to the nearest integer.

Internal Assessment (100 Marks)*	
Evaluation of Laboratory Observation, Record	Test
75	25

* Internal assessment marks shall be converted into **60 marks**.

10.3 Theory cum Practical Courses

There shall be two assessments: the first assessment (maximum mark is 100) will be similar to assessment of theory course and the second assessment (maximum mark is 100) will be similar to assessment of laboratory course respectively. The weightage of the first assessment (Theory course) shall be given 40% and the second assessment (Laboratory Course) can be given 60%. The weighted average of these two assessments shall be converted into 50 marks for Internal Assessment.

Assessment I (40% Weightage) (Theory Component)		Assessment II (60% Weightage) (Laboratory Component)		Total Internal Assessment
Individual Assignment/ Case Study/ Seminar/ Mini Project	Written Test	Evaluation of Laboratory Observation, Record	Test	
40	60	75	25	200*

*The weighted average shall be converted into **50 marks** for Internal Assessment.

10.4 Project Work

- 10.4.1** The student shall register for Project Work in the final semester. Project work may be allotted to a single or to a group of students not exceeding 4 per group.
- 10.4.2** The students who completed their final semester courses(except project work) in advance i.e through the fast track system, shall be permitted to carry out their final semester Project Work in an industry/research organization on the recommendation of the Head of the Department.
- 10.4.3** Project work shall be carried out under the supervision of a faculty member possessing (i) PG Degree or (ii) PhD Degree.
- 10.4.4** The Project Work carried out in industry/academic/research institutions 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.
- 10.4.5** The Head of the Department shall constitute the review committee for Project Work consisting of HOD, Supervisor and a senior member of faculty.
- 10.4.6** There shall be three assessments during the semester by the review committee. The student shall make a presentation on the progress of the project before the committee. The total marks obtained in the three reviews shall be for 120 marks and rounded to the nearest integer.

Continuous Assessment Marks (120)			End Semester Examination Marks (80)			
Review I	Review II	Review III	Project Report		Viva – voce Examination	
40	40	40	Internal	External	Internal	External
			20	20	20	20

- 10.4.7** The project report shall carry a maximum of 60 marks (same mark shall be awarded to every student within the project group for project report). The viva-voce examination shall carry 60 marks (awarded to each student of the project group based on the individual performance in the viva-voce examination conducted by External Examiner and the Internal Examiner).
- 10.4.8** The last date for submission of the project report is on the last working day of the semester. If a student fails to submit the project report on or before the specified deadline or the student has submitted the project report but did not appear for the viva-voce examination, it will be considered as Re-appearance in the Project work and the students shall re-register for the same in the subsequent semester.

10.5 Responsibilities of Course Coordinator

Every Course Coordinator is required to maintain an 'ATTENDANCE AND ASSESSMENT RECORD' for every semester which consists of attendance marked in each theory / laboratory / EEC class, the assessment marks and the record of class work (topics covered), for the course(s) handled. This should be submitted to the Head of the Department periodically (at least three times in a semester) for checking the syllabus coverage and the records of assessment marks and attendance. The Head of the Department will affix his/her signature and date after due verification. At the end of the semester, the record should be verified by the Head of the Department who shall keep this document in safe custody (for seven years). The records of attendance and assessment of both current and previous semesters should be available for inspection.

10.6 Assessment for Industrial / Practical Training / Internship

The Industrial / Practical Training / Internship shall carry 100 marks and shall be evaluated through Continuous Assessment only. At the end of Assessment for Industrial / Practical Training / Internship, the student shall submit a detailed report on the training undergone and a certificate from the organization concerned. The evaluation will be made based on this report and a Viva-voce Examination, conducted internally by a three member Departmental Committee constituted by the HOD. Certificates (issued by the Organization) submitted by the student shall be attached to the mark list and sent to COE by the HOD with due recommendations. The Internship details will appear in the grade sheet.

10.7 Assessment for One Credit Course

The One Credit Course shall carry 100 marks and shall be evaluated through Continuous Assessment only. Two assessments shall be conducted during the semester by the Department concerned. The total marks obtained in the tests shall be reduced to 100 marks and rounded to the nearest integer. The HOD may identify a faculty member as Coordinator for the course. A committee consisting of the HOD, staff handling the course (if available), Programme Coordinator and a Senior Faculty nominated by the HOD shall monitor the evaluation process.

10.8 Assessment for Online Course

Students may be permitted to earn Online Courses (which are provided with certificate) with the approval of Board of Studies and HOD subject to a minimum of three credits. This Online Course of 3 credits can be considered instead of one Elective Course. Respective Boards of Studies will take a decision on the evaluation methodology for the online course. The BOS can decide whether to evaluate through End Semester Examination only and the same way be conveyed to the COE, at the beginning of the semester whenever the course is offered. The students need to obtain certification or credit to become eligible for writing the End Semester Examination to be conducted by the Institution. The HOD may identify a Faculty member Coordinator for the course, who is responsible for the evaluation of Continuous Assessment as specified in the Clause 4.14.

10.9 Assessment for Self Study Course

The faculty members approved by the HOD shall be responsible for periodic monitoring and evaluation of the self study course. The course shall be evaluated through continuous internal assessment and end semester examination. The evaluation methodology shall be the same as that of a theory course.

10.10 Assessment for MOOC Courses

Students may be permitted to earn credits through MOOC Courses with the approval of Board of Studies and HOD subject to a maximum of six credits per semester. The credits earned from the MOOC courses can be transferable subject to the approval of the respective Performance Analysis Committee and no additional assessment is required. Evaluation will be same as specified in clause 4.14.

10.11 Assessment for Protosem courses

10.11.1 Sprint Courses

For Sprint Courses shall be assessed for 100 Marks. The assessments for 100 marks shall be carried out in three levels of L1, L2 & L3 with varying complexity to test in-depth knowledge gained by the students.

- ✓ L1 (20 Marks) shall be MCQ to test the conceptual understanding of the course.
- ✓ L2 (40 Marks) shall test the practical application of skills through classroom assignments and activities.
- ✓ L3 (40 Marks) shall assess the higher-order cognitive skills in applying the knowledge and skill to solve a problem, design a solution or demonstrate a prototype.

10.11.2 Protosem Courses

There is no end-semester examination for the Protosem courses. All the assessments shall be conducted in the Innovate TN Labs by competent internal and external faculty members. The Assessment procedure for the courses [C1] Applied Design Thinking, [C2] Startup Fundamentals is as follows

L1 Assessment	L2 Assessment	L3 Assessment
One MCQs (40 marks each) Converted to 20 marks	Class Assignments (No. of assignment to be designed by facilitator) (100 marks) Converted to 40 marks	Presentation & Demonstration 40 Marks

The Assessment Procedure for [C3] Computational Hardware, [C4] Coding for Innovators, [C5] Industrial Design & Rapid Prototyping Techniques, Specialization Track- [C6] Industrial Automation (IAR), Specialization Track- [C7] Robotics (IAR), Specialization Track- [C6] Data Life Cycle Management (IAI), Specialization Track- [C7] Machine Learning & Model Operationalisation (IAI) is as follows.

L1 Assessment	L2 Assessment	L3 Assessment
Two MCQs (40 marks each) Converted to 20 marks	Class Assignments (No. of assignment to be designed by facilitator) (100 marks) Converted to 40 marks	Practical Assessment (100 marks) Converted to 40 marks

10.12 Assessment of Employability Enhancement Courses :

10.12.1 The Seminar/Case study/ Mini Project is to be considered as purely INTERNAL(with 100% internal marks only). Every student is expected to present a minimum of 2 seminars per semester before the evaluation committee and for each seminar, marks can be equally apportioned. The three member committee appointed by the Head of the Institution, consisting of the course coordinator and two experts from the Department, will evaluate the seminar and at the end of the semester, the marks shall be consolidated and taken as the final mark. The evaluation shall be based on the seminar paper(40%), presentation (40%) and response to the questions asked during presentation (20%).

10.12.2 For all the courses under the Employability Enhancement Courses category, except Project Work, the evaluation shall be done with 100% internal marks.

11. REQUIREMENTS FOR COMPLETION OF A SEMESTER

- 11.1** The institution mandates that students achieve at least 75% overall attendance. This overall attendance percentage is calculated by taking average of student's attendance in all the registered courses in a semester. For example, if a student has attendance of *ATT1*, *ATT2*, *ATT3*, *ATT4*, *ATT5* and *ATT6* in the registered Course 1, Course 2, Course 3, Course 4, Course 5 and Course 6, respectively in a semester, then overall attendance of such student's is calculated from

$$\begin{aligned}\% \text{ of overall attendance} &= \frac{(ATT1 + ATT2 + ATT3 + ATT4 + ATT5 + ATT6)}{\text{Total No. of classes conducted for 'SIX' courses}} \times 100 \\ &= \frac{\text{Actual No. of periods attended in registered courses (AP)}}{\text{Total No. of periods conducted in all registered courses (TP)}} \times 100\end{aligned}$$

- 11.2** For medical reasons, if a student is not able to attend classes, 'Medical Certificate covering the continuous period of absence' obtained from a Government doctor not below the rank of Assistant Surgeon, shall be furnished to the Controller of Examinations through Head of the Department concerned, within 5 days from the date of reporting back for class work. In the event of student not able to secure 75% attendance, but has at least 65% attendance, such 'Medical Certificate' shall be considered, with the approval of the Head of the Institute and shall be permitted to appear for the current semester examination on condonation (attendance 65% to 74%). This provision can be allowed only twice during his/her entire course of study.

Fees for 1st time condonation Rs.2000/-

Fees for 2nd time condonation Rs.5000/-

- 11.3** Under any circumstances, medical certificate(s) submitted after the due date, as stipulated in Clause 11.2 shall not be accepted.
- 11.4** The student shall be prevented from appearing in the end semester examination for all courses in a semester, if the overall attendance secured by a student is less than 75%. Such prevented student shall not be permitted to go to next semester. Importantly, such prevented student shall be permitted to rejoin the programme in the semester of prevention, during only in the next academic year and undergo all the courses. If the academic regulation is changed, addition / deletion of course(s) shall be prescribed by the Special Committee constituted by the Head of the Institution and such student shall undergo additional courses, if any for completion of the programme.
- 11.5** The students should get prior approval from the Head of the Institution to attend campus recruitments, seminars, project works, internships, Hackathon related to Academic activities, co-curricular and extra-curricular activities. Only upon prior approval of Head of the Institution, attendance for the above said activities shall be considered as 'ON-DUTY'. Students shall be permitted to avail only 10% of total working days in a semester. However, student participating in sports activities, representing the institution in the University / State / National / International Level and the students participating in NCC representing only in Republic Parade conducted in New Delhi, shall be permitted to avail ON-DUTY without any restriction period of 10%, only with prior approval of the Head of the Institution. Additional classes shall be conducted to the student(s) who are participating only in above said Sports and NCC activities so that such students shall attain the prescribed overall percentage attendance to appear in the End Semester Examinations.

- 11.6** The list of students eligible for appearing in the end semester examination(s) and prevented from writing the end semester examination(s) shall be published by the Controller of Examinations within THREE working days from the last working day of a particular semester.

12. REQUIREMENTS FOR APPEARING FOR END SEMESTER EXAMINATION

A candidate shall normally be permitted to appear for the end semester examination of the current semester, if he/she has satisfied the semester completion requirements (subject to Clause 11.1 with 11.2 and 11.3) and has registered for examination in all courses of that semester. Registration is mandatory for arrear subjects along with current semester examinations, failing which the candidate will not be permitted to move to the higher semester.

12.1 Reappearance Registration

- 12.1.1** If a student fails in a theory course, the reappearance registration for that course in the subsequent semester is mandatory.
- 12.1.2** The student may attend the classes for the reappearance registration courses, if the student wishes. However, the attendance requirement (vide clause 11) is not compulsory for such courses.
- 12.1.3** The student who fails in Project work shall register for the same in the subsequent semester, satisfy attendance requirement, earn continuous assessment marks and appear for the End Semester Examinations.
- 12.1.4** If the theory course, in which the student has failed, is a Professional or Open Elective course, the student may register for the same or any other professional or open elective course respectively in the subsequent semester with due approval by the Head of the Department.
- 12.1.5** If a student is prevented from writing the end semester examination due to lack of attendance (overall attendance is less than 65%), the student has to rejoin the programme in the next academic year after getting a readmission order from DOTE/University. The student shall attend the classes and fulfill the attendance requirements as per clause 11.1, earn continuous assessment marks and appear for the end semester examinations.

13. END – SEMESTER EXAMINATION

- 13.1** There shall be one end – semester examination of 3 hour duration in each lecture – based course.
- 13.2** The Project report of B.E. programme will be evaluated based on the report and a viva-voce examination by an External Examiner and an Internal Examiner.
- 13.3** The following will be the weightage for different courses.
- | | |
|---|---|
| 13.3.1 Theory courses | : Internal Assessment – 40%
End-Semester Examination – 60% |
| 13.3.2 Laboratory based Courses | : Internal Assessment – 60%
End-Semester Examination – 40% |
| 13.3.3 Laboratory cum Theory Courses | : Internal Assessment – 50%
End-Semester Examination – 50% |
| 13.3.4 Project work | : Internal Assessment – 40%
End-Semester Examination – 60% |

14. PASSING REQUIREMENTS

- 14.1** The minimum number of total credits to be earned through successful completion of the courses of study of the respective branch by a candidate to qualify for the award of degree in the various branches of study is provided below.

Branch of study	Minimum number of credits to be earned through successful completion of the courses of study of the respective branch, for the award of degree	
	For regular entry (entry at first Semester)	For lateral entry (entry at third semester)
Civil Engineering	171	121
Computer Science & Engineering	165	118
CSE (Artificial Intelligence and Machine Learning)	166	119
Electronics & Communication Engineering	169	123
Electrical & Electronics Engineering	170	126.5
Mechanical Engineering	167	120
Metallurgical Engineering	169	122

- 14.2**
- A candidate who secures not less than 50% of total marks prescribed for the course [Internal Assessment + End Semester University Examination] with a minimum of 45% of the marks prescribed for the end-semester University Examination shall be declared to have passed the course and acquired the relevant number of credits. This is applicable for both theory and laboratory courses (including project work).
 - If a student fails to secure a pass in a theory course / laboratory course (except elective), the student shall register and appear only for the end semester examination in the subsequent semester. In such cases, the internal assessment marks obtained by the student in the first appearance shall be retained and considered valid for all subsequent attempts till the student secures a pass. However, from the third attempt onwards if a student fails to obtain pass marks (IA + End Semester Examination) , then the student shall be declared to have passed the examination if he/ she secures a minimum of 50% marks prescribed for the University end semester examinations alone.

- 14.3** A candidate who successfully completes the course requirements and passes all the prescribed examinations in all the eight semesters within a maximum period of 7 years (14 semesters), reckoned from the commencement of the first semester to which the candidate was admitted in regular stream and [six semesters within a maximum period of 6 years (12 semesters), reckoned from the commencement of the third semester to which the candidate was admitted for lateral entry], is eligible to get the degree.

15. REVALUATION

- 15.1** Copies of answer scripts for theory course(s) can be obtained from the Office of the Controller of Examinations on payment of a prescribed fee specified for this purpose through proper application.
- 15.2** A candidate can apply for revaluation of photocopy cum revaluation of his/her semester examination answer paper in a theory course, within a week from the declaration of results, on payment of a prescribed fee through proper application to the Controller of Examinations, as per norms given by the chairman, Academic Council. Revaluation is not permitted for Practical Courses and for Project work.

16. CHALLENGING THE REVALUATION

Challenging the revaluation is permitted for those students who have applied for photocopy of answer scripts. The copy of the answer script is to be valued by a competent authority and the valued script should be submitted to COE's office along with a prescribed fee for challenging the revaluation within 2 days after declaration of the revaluation results.

17. MALPRACTICE

If a student indulges in malpractice in any of the end-semester examinations, he/she shall be liable to face punitive action as prescribed by the Controller of Examination, Government College of Engineering, Salem.

18. PROCEDURE FOR USING SCRIBE

If a candidate is physically challenged / meets with an accident or suffers from ill health at the time of examination, then he/she may be permitted to use a scribe to write the examination on payment of a prescribed fee through proper application to the Office of the Controller of Examinations. In such a case, a maximum one hour extra time will be permitted. The scribe shall be a non-engineering student/ graduate.

19. PROVISION FOR WITHDRAWAL FROM EXAMINATION

- a. A candidate who satisfies Clause 12, may for valid reasons and on prior application, be granted permission to withdraw from appearing for the examination of any one course or consecutive examinations of more than one course in a semester examination.
- b. Such withdrawal shall be permitted only ONCE during the entire period of study of the degree programme.
- c. Withdrawal application is valid only if it is made 10 days prior to the commencement of the examination in that course or courses and is recommended by the Head of the Department and approved by the Head of the Institution.
- d. Notwithstanding the requirement of the mandatory TEN days notice, application of withdrawal for special cases under extraordinary conditions will be considered on the merit of the case.
- e. Withdrawal shall not be construed as an appearance for the eligibility of a candidate for First Class with Distinction. This provision is also applicable to those who seek withdrawal during VIII semester.
- f. Withdrawal from the end semester examination is NOT applicable to arrear subjects of previous semesters.
- g. The candidate shall reappear for the withdrawn courses during the examination conducted in the subsequent semester.

20. AWARD OF THE LETTER GRADES

- 20.1** The award of letter grades will be decided based on relative grading principle. The relative grading is applicable only for theory courses and for laboratory/project work fixed grading is done. The relative grading is applicable to ONLY those students who have passed the examination as per the passing requirements enumerated above. For those students who have not passed the examination, Reappearance

(U) shall be awarded as shown in the below Table.

For those students who have passed the course, the relative grading shall be done. The evolved

relative grading method normalizes the results data using the BOX-COX transformation method and computes the grade range for each course separately and awards the grade to each student. For a given course, if the students' strength is greater than 30, the relative grading method shall be adopted. However, if the students' strength is less than 30 then the fixed grading shall be followed with the grade range as specified below.

Range of Total Marks	Letter Grade	Grade Points (GP)
91 to 100	O (Outstanding)	10
81 to 90	A+ (Excellent)	9
71 to 80	A (Very Good)	8
61 to 70	B+ (Good)	7
56 to 60	B (Average)	6
50 to 55	C (Satisfactory)	5
< 50	U (Re-appearance)	0
Incomplete / Shortage of Attendance	SA	0
Withdrawal	W	0
Withheld	WH	0

A student is deemed to have passed and acquired the corresponding credits in a particular course if he/she obtains any one of the following grades: "O", "A+", "A", "B+", "B", "C".

'SA' denotes shortage of attendance and hence the student is prevented from writing the end semester examinations. 'SA' will appear only in the result sheet.

"U" denotes that the student has failed to pass in that course. "W" denotes withdrawal from the exam for the particular course. The grades U and W will figure both in the Grade Sheet as well as in the Result Sheet. In both cases, the student has to appear for the End Semester Examinations.

If the grade U is given to Theory Courses/Laboratory Courses it is not required to satisfy the attendance requirements, but has to appear for the end semester examination and fulfill the passing requirements to earn a pass in the respective courses.

If the grade U is given to EEC(Employability Enhancement Course) (Except Project Work), which is evaluated only through internal assessment, the student shall register for the course again in the subsequent semester, fulfilling the passing requirements to earn a pass in the course. However, attendance requirement need not be satisfied

The letter grades for Laboratory courses /Internship/ Project work will be based on fixed grading.

- 20.2** For the Co-curricular activities such as National Cadet Corps (NCC)/ National Service Scheme (NSS) / SPORTS / YRC, a satisfactory / not satisfactory grading will appear in the mark sheet. Every student shall put in a minimum of 75% attendance in the training and attend the camp compulsorily. The training and camp shall be completed during the first year of the programme. However, for valid reasons, the Head of the Institution may permit a student to complete this requirement before the completion of the final semester. A satisfactory grade in the above co-curricular activities is compulsory for the award of degree.
- 20.3** For the students who completed the Mandatory zero credit courses satisfying the attendance requirements, the title of the course will be mentioned in gradesheet with grading (Excellent / Good / Satisfactory) will appear in the grade sheet.

21. PROCEDURE FOR COMPLETING THE PROGRAMME

- 21.1** A candidate, who, for some reason has discontinued the programme can join the programme of study in any semester only at the time of its normal commencement in the Institution for regular students, upon satisfying all the following conditions:
- (a) He / she should have completed the course of study of the previous semesters.
 - (b) He / she should be eligible to register for the examinations and satisfy rule 11.1
 - (c) He / she should have registered for all the examinations of the previous semesters.
- 21.2** A candidate will be permitted to proceed from one semester to the next higher semester only if he/she satisfies the regulation for eligibility to appear for the end-semester examination in the semester concerned, subject to the condition that the candidate should register for all the arrear courses in the lower semesters along with the current (higher) semester courses.
- 21.3** A candidate should have completed the B.E Degree course within a period of SEVEN consecutive academic years (14 semesters) for regular stream [SIX consecutive academic years (12 semesters) for lateral entry] from the date of admission to the course, even if the candidate discontinues and rejoins subsequently, to be eligible for the award of the degree.

22. ISSUE OF GRADE SHEETS AND GPA, CGPA CALCULATION

- 22.1** Individual Grade sheet for each semester will be issued through the Head of the Department concerned, after the publication of the results with following details.
- ❖ The list of courses enrolled during the semester and the grade scored.
 - ❖ List of courses studied for Hons, Minor and any other additional courses in which the student has passed with the grades under the title additional courses.
 - ❖ The Grade Point Average (GPA) for the semester considering only the curriculum courses(not the additional courses) and
 - ❖ The Cumulative Grade Point Average (CGPA) of all courses enrolled from first semester onwards including the additional credits earned by employability enhancement skill based courses and other additional courses. However, for the students who have successfully completed the requirements of B.E(Hons) and B.E Minor vide Clause 5.11, grades scored in the six additional courses shall be taken into account for the CGPA calculation.

GPA is the ratio of the sum of the products of the number of credits of courses registered and the points corresponding to the grades scored in those courses, taken for all the courses, to the sum of the number of credits of all the courses in the semester.

$$\text{GPA} = \frac{\text{Sum of } [C \times \text{GP}]}{\text{Sum of } C}$$

Where C – Credit of a particular subject/Course

GP – Grade point obtained by the student in the respective subject/Course.

CGPA will be calculated in a similar manner, considering all the courses enrolled from the first semester.

22.2

“U”, “T” and “W” grades will be excluded for calculating GPA and CGPA.

If a student successfully completes all the requirements of the programme and also meets the requirements of B.E(Hons) or B.E (Minor) but desires not to opt for the additional qualification, then he/she has to submit a declaration with regards to the same 30 days before the completion of VIII semester.

23.

ELIGIBILITY FOR THE AWARD OF DEGREE

A candidate shall be declared to be eligible for the award of the B.E. Degree provided the candidate 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.

Successfully completed the course requirements and has passed all the prescribed examinations in all the 8 semesters within a maximum period of 7 years for regular stream (6 semesters within a maximum period of 6 years for lateral Entry) from the commencement of first semester (third semester) to which the candidate was admitted.

- ii) Successfully passed any additional courses prescribed by the Head of the Department whenever the student is readmitted under Regulations R-2022 from the earlier Regulations.

- iii) No disciplinary action is pending against him/her.

Successfully completed NCC/NSS/SPORTS/YRC/Science Club/Literary Club/Fine Arts Club requirements.

24. CLASSIFICATION OF THE DEGREE AWARDED

24.1 FIRST CLASS WITH DISTINCTION

A student who satisfies the following conditions shall be declared to have passed the examination in **First Class with Distinction** :

Degree	Duration of Programme	Duration Permitted	Additional credits above the requirement of curriculum	CGPA	Pass in	Break of study	Prevention due to lack of attendance	Withdrawal from writing end semester examination
(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)	(ix)
B.E (Regular)	4 Years	5 Years	—	8.50	First Attempt	One year authorized break of study included in the duration permitted	Not Permitted	Will not be considered as an attempt
B.E (Lateral Entry)	3 Years	4 Years	—	8.50	First Attempt	One year authorized break of study included in the duration permitted	Not Permitted	Will not be considered as an attempt
B.E (Honours)	3 Years (Lateral Entry) / 4 Years (Regular)	4 Years (Lateral Entry) / 5 Years (Regular)	18 credits from more than one verticals of the same programme	8.50	First Attempt	One year authorized break of study included in the duration permitted	Not Permitted	Will not be considered as an attempt
B.E (Minor in other specialisation)	3 Years (Lateral Entry) / 4 Years (Regular)	4 Years (Lateral Entry) / 5 Years (Regular)	18 credits from any one vertical of other programme	8.50	First Attempt	One year authorized break of study included in the duration permitted	Not Permitted	Will not be considered as an attempt

24.2 FIRST CLASS :

Degree	Duration of Programme	Duration Permitted	Additional credits above the requirement of curriculum	CGPA	Pass in	Break of study	Prevention due to lack of attendance	Withdrawal from writing end semester examination
(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)	(ix)
B.E (Regular)	8 Semesters	9 Semesters [5 years - 8 Semesters] Only for Authorised Break of Stud	—	6.50	—	One year authorized break of study included in the duration permitted	Included in the Duration permitted (iii)	Will not be considered as an attempt
B.E (Lateral Entry)	6 Semesters	7 Semesters [4 years - 6 Semesters] Only for Authorised Break of Stud	—	6.50	—	One year authorized break of study included in the duration permitted	Included i the Duration permitted (iii)	Will not be considered as an attempt
B.E (Honours)	6 Semesters (Lateral Entry) / 8 Semesters (Regular)	4 years - 6 Semesters (Lateral Entry) / [5 years - 8 Semester (Regular)] Only for Authorised Break of Study	18 credits from one vertical or 18 credits from more than one verticals of the same programme	7.50	First Attempt	One year authorized break of study included in the duration permitted	Not Permitted	Will not be considered as an attempt
B.E (Minor in other specialisa tion)	6 Semesters (Lateral Entry) / 8 Semesters (Regular)	7 Semesters (Lateral Entry) / 9 Semesters for (Regular) 4 years - 6 Semesters (Lateral Entry) / [5 years - 8 Semester (Regular) Only for Authorised Break of Study	18 credits from any one vertical of other programme	6.50	—	One year authorized break of study included in the duration permitted	Included i the Duration permitted (iii)	Will not be considered as an attempt

24.3 SECOND CLASS

B.E Regular and lateral entry and B.E Minor in other specialisation degree students (not covered in clauses 24.1 and 24.2) who qualify for the award of the degree (vide Clause shall be declared to have passed the examination in **SECOND CLASS**.

24.4 Students who earned additional 18 credits as per Clause 5.11(i) but does not satisfy the conditions mentioned in 24.1 or 24.2 shall not be awarded B.E Honours. In such cases the grade sheet will show the additional courses studied and those courses shall not be considered for CGPA computation. In such a case if the student becomes eligible for First Class, while computing CGPA without taking into account the additional course studied, the student shall be awarded B.E/B.Tech in First Class only.

24.5 If a student decides not to opt for Minor, after completing a certain number of courses, the additional courses studied shall be considered instead of Open Elective courses which are part of the curriculum. If the student has studied more number of such courses than the number of open electives required as per the curriculum, the courses with higher grades shall be considered for calculation of CGPA. Remaining courses shall be printed in the grade sheet, however they shall not be considered for calculation of CGPA.

24.6 A student who is absent in End Semester Examination in a Course/Project Work after having registered for the same shall be considered to have appeared in that examination(except approved withdrawal from End Semester Examination as per clause 19) for the purpose of Classification.

25. TEMPORARY BREAK OF STUDY FROM A PROGRAMME

- a.** 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 situations the candidate may apply for additional break of study not exceeding another one year by paying a prescribed fee for break of study. If candidate intends to temporarily discontinue the programme in the middle of the semester for valid reasons, and to rejoin the programme in a subsequent year, permission may be granted based on the merits of the case provided he / she applies to the Head of the Institution (through Head of the Department) in advance, but not later than the last date for registering for the end semester examination of the semester in question, through the Principal of the Institution stating the reasons therefor and the probable date of rejoining the programme.
- b.** The candidate permitted to rejoin the programme after the break shall be governed by the Curriculum and Regulations in force at the time of rejoining. If the Regulation is changed, then, those candidates may have to do additional courses as prescribed by the head of the department and approved by the Academic Council.
- c.** The authorized break of study (for a maximum of one year) will not be counted for the duration specified for passing all the courses for the purpose of classification. (vide clause 23). However, additional break of study granted will be counted for the purpose of classification.
- d.** 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 irrespective of the period of break of study (vide clause 4.1) in order that he/she may be eligible for award of the degree.

- e. 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' or 'Withdrawal' (clause 18 and 24) and is not applicable in this case.
- f. In case there is any period of break of study more than the permitted duration of break of study, the student shall be permitted to continue the Programme only if the approval is obtained from the Director of Technical Education/University through the concerned HOD/Principal before the end of the semester in which the student has taken break of study.
- g. If a student has not reported to the department for a period of two consecutive semesters without any intimation, the name of the student shall be deleted permanently from the college enrollment.
- h. During the break of study period, the students shall pay the prescribed tuition fees failing which it will be considered as lack of attendance, the student has to rejoin the programme in the next academic year after getting readmission order from DOTE/University.
- i. During the break of study period, the student may optionally write the arrear examinations, if any.
- j. No fee is applicable to student during break of study.

26. DISCIPLINE

Every student is required to observe discipline and decorous behaviour both inside and outside the college and not to indulge in any activity which will tend to bring down the prestige of the college. In the event of an act of indiscipline being reported, the Principal shall constitute a discipline committee consisting of three Heads of Department, of which one should be from the faculty of the student, to inquire into acts of indiscipline. The disciplinary action is subject to review by the University in case the student gives representation to the University. Any expulsion of the student from the college shall be with prior concurrence from the Director of Technical Education / University.

27. RANK OF A STUDENT

A candidate who qualifies for the Degree by passing the examination in all courses of the entire programme in the first attempt within a period of EIGHT Semesters from the date of admission to the course can be given his/her position in the class as rank. The rank is determined from the I Semester to VIII Semester end semester examination mark percentage. Students transferred from other Institutions to Government College of Engineering, Salem and lateral entry students are not eligible for rank.

28. REVISION OF REGULATIONS CURRICULUM AND SYLLABI

The college may from time to time revise, amend or change the regulations, scheme of examinations and syllabus, if found necessary.