



GOVERNMENT COLLEGE OF ENGINEERING, SALEM-11

**(An Autonomous Institution Affiliated to Anna University, Chennai,
Approved by AICTE & Accredited by NAAC)**

ACADEMIC REGULATIONS 2026

UNDERGRADUATE PROGRAMMES

B.E. Programmes (Full-Time)

***Applicable to the students admitted in B.E. programme, from the
Academic Year 2026-2027***

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1. Title

These regulations shall be called as 'Academic Regulations 2026 for Undergraduate (UG) Programmes'. In short, it is referred as 'AR2026-UG'.

2. Scope

2.1 The regulations provided herein shall apply to the students admitted in the UG, B.E. Programmes, offered in Government College of Engineering, Salem (Autonomous), affiliated to Anna University, Chennai from the Academic year 2026-2027.

2.2 These regulations are quite comprehensive and include definitions of key terms, critical concepts, methods of calculations, roles of various committees, evaluation systems and other academic processes.

3. Definitions

3.1 ' **University** ' means Anna University, Chennai.

3.2 ' **College** ' means the Government College of Engineering, Salem.

3.3 ' **Choice-Based Credit System (CBCS)** ' means a flexible system of learning that permits students to

- a) learn at their convenient pace.
- b) choose courses from a wide range of elective courses offered by the departments.
- c) adopt an inter /multi-disciplinary approach in learning and
- d) make the best use of the expertise of available faculty.

3.4 ' **Academic Autonomy** ' means autonomy granted by the University Grants Commission (UGC) and Anna University, Chennai to Government College of Engineering, Salem in all aspects of conducting its academic programmes for promoting excellence.

3.5 ' **Autonomous College** ' means a college notified as an autonomous college by the University, as per the Anna University Autonomous College Statute.

3.6 ' **Programme** ' means Degree Programme (i.e) B.E. Degree Programme.

3.7 ' **Branch** ' means specialization of B.E. Degree Programme like "Civil Engineering", "Mechanical Engineering", etc.



- 3.8 'Semester'** means a term of study consisting of a minimum of 90 working days (including examinations), generally with 'EIGHT' contact hours per day. The Semester scheduled between July / August and November/ December shall be called 'Odd semester' (I, III, V and VII) and that scheduled between December / January and April / May, shall be called 'Even semester' (II, IV, VI and VIII).
- 3.9 'Course'** refers to a Theory / Laboratory Integrated Theory / Laboratory subject that is offered in a semester of the Programme.
- 3.10 'Teaching Learning Scheme'** means duration of classroom instruction (Lecture & Tutorial), Lab instruction, Term work and Self Learning in hours per semester.
- 3.11 'Credit'** means the weightage assigned to a particular course based on the hours of teaching and learning. One credit is equivalent to 30 hours of learning in a semester.
- 3.12 'Continuous Assessment'** means evaluation of the students' progress and performance in a course during a semester through Internal Examinations and various activities such as Assignments, Solution to application-oriented problems using software, Solving of GATE questions, Project, Models, Flipped Class, Seminar, Group Activity, Report Writing, Quizzes, Presentations, Practical Works, Case Studies, Technology enabled services to community, etc. Importantly, the students shall complete the activities, as prescribed in the syllabus of the respective course to get the internal marks.
- 3.13 'End Semester Examination'** means an examination conducted for a course at the end of the semester to evaluate the student's overall learning attainments.
- 3.14 'Bona fide Student'** means the student who has joined and on-roll in an Undergraduate Programme.
- 3.15 '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.
- 3.16 'Disciplinary Committee'** means the committee constituted by the Head of the Institution to look after students' discipline.



3.17 ` Controller of Examinations (COE)` means the authority of the institution who is responsible for all activities of the End Semester Examinations of all departments.

3.18 ` Head of the Department (HOD)` means Head of the Programme concerned.

3.19 ` Academic Council` means the Academic Council of the Autonomous College.

3.20 ` Board of Studies` means the Board of Studies of a Department of the Autonomous College.

4. Admissions

4.1 Admissions to B.E. programmes offered, shall be as per the norms prescribed by Government of Tamil Nadu as given below.

- ❖ Required to have a pass in Higher Secondary Course Examination (Academic 10+2) Curriculum or its equivalent examinations with Mathematics, Physics and Chemistry. Other eligibility criteria such as minimum marks in each of the above courses for different categories of communities, number of attempts and physical fitness shall be as prescribed by the Government of Tamil Nadu from time to time.

4.2 Admission of students directly to second year (Lateral entry) of B.E programme shall be as per the norms prescribed by the Government of Tamil Nadu as given below.

- ❖ Those who possess a Diploma in Engineering / Technology awarded by the Directorate of Technical Education, Tamil Nadu or its equivalent are eligible to apply for Lateral entry admission to the third semester of B.E. Programme. Other eligibility criteria such as discipline of Diploma, marks, number of attempts and physical fitness shall be as prescribed by the Government of Tamil Nadu from time to time.

(OR)

- ❖ Those who possess a Bachelor of Science (B.Sc.) (10+2+3 stream) with Mathematics as a subject at the B.Sc. Level are eligible to apply for Lateral entry admission to the third semester of B.E. Programme. Other eligibility criteria such as marks, number of attempts and physical fitness shall be as prescribed by the Government of Tamil Nadu from time to time.



- 4.3** All students admitted provisionally to programme shall submit Photo ID proof issued by State / Central Government, Original Transfer Certificate from the institution last studied, copies of grade / mark sheets of the qualifying examination and other relevant documents at the time of admission or by the last date prescribed by the competent authorities.
- 4.4** The admission of a student, who fails to submit the prescribed documents by the above-said date in Clause 4.3, or fails to meet other stipulated requirement(s), shall be cancelled by the University. The University shall also cancel the admission of a student at a later time, if the student is found ineligible / unfit at the time of admission or had furnished some false information / certificates or suppressed relevant information while seeking admission to the programme in this Institution.

5. Branches of Study

The following are the branches offered in this college.

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

6. Programme Structure

6.1 Curriculum

Every programme has a specific structure, known as the 'Curriculum', which prescribes all the details of courses for undergoing the programme and sets out the sequence semester wise.

6.2 Programme Duration

- (i) Duration of the programme is FOUR years (Eight Semesters) for a student admitted to a programme with qualifications as prescribed in Clause 4.1 of the regulations. The student shall successfully complete all the requirements as per the curriculum and regulations of the programme within the above-said duration of 'FOUR' years.
- (ii) Duration of the programme is THREE years (Six Semesters) for a student admitted directly to second year (Lateral entry) with qualifications as prescribed in Clause 4.2 of the regulations. The student shall successfully complete all the requirements as per the curriculum and regulations of the programme within the above-said duration of 'THREE' years.
- (iii) Above mentioned period in Clause 6.2 (i) & Clause 6.2 (ii) shall be extended for 'ONE' more year to a student, who is permitted to avail the authorised break of study or opt for dropping of courses, as per the regulations.
- (iv) 'Programme Completion' means that a student shall undergo all the courses as prescribed in the respective curriculum and become eligible for appearing in the end semester examination of all the courses within the period as given in Clauses 6.2 [(i), (ii) & (iii)].
- (v) After programme completion if there are any arrear course(s), a student shall be permitted to successfully complete the same, within 'SEVEN' years (students admitted under Clause 4.1) and 'SIX' years (students admitted under Clause 4.2). This maximum duration for successful completion shall be reckoned from the commencement of first semester of the programme. The minimum and maximum programme duration is given in Table 1.

Table 1 - Programme Duration

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



- (vi) In case of a student prevented from appearing in the end semester examination in all the courses of a semester due to shortage of attendance, the period of prevention shall be treated as a break in the programme. In such a case, total duration for completing the programme including all such prevention periods shall not exceed the above-said 'SEVEN' years (students admitted under Clause 4.1) and 'SIX' years (students admitted under Clause 4.2).

6.3 Course Categories

Every B.E. Programme will have a curriculum consisting of theory and practical courses, with prescribed syllabi as categorized below:

- (i) **Basic Science (BS)** includes courses such as Mathematics, Physics and Chemistry.
- (ii) **Humanities (HM)** include courses such as Language, Heritage, Management, Entrepreneurship, Ethics & Human values, and Sustainability.
- (iii) **Engineering Science (ES)** are the core courses relevant to General (G), Programme Core (PC), and Programme Elective (PE).
 - ❖ Foundational Courses that are intended to provide the students with broad-based understanding of engineering principles and concepts are classified under **General (G)** category.
 - ❖ Courses that are relevant to the respective discipline are classified under **Programme Core (PC)** category.
 - ❖ Courses, which can be chosen from a larger pool of courses and are very specific / specialised / advanced / supportive to the discipline, are classified under **Programme Elective (PE)** category.
- (iv) **Open Elective (OE) Courses** are elective courses, chosen from other branches and also the courses offered from Science and Humanities, with an intention to expose the students to interdisciplinary / multidisciplinary / transdisciplinary fields.
- (v) **Skill Development (SD) Courses** are the courses offered to enhance specific



abilities and competencies of the students in academic and professional contexts. Industry Oriented Courses (IOC), that are offered to allow students to expand their knowledge and skills in niche areas and meet the ever-changing arising in the relevant industries, from time to time are classified under SD category. These courses include Project Work, Mini Project, Sprint Courses, TN Skill courses and Internship.

(vi) **Online Courses (OC)** are the courses that can be undergone by the student, through online platforms.

(vii) **Value Added (VA) Courses** are the courses not prescribed in the respective curriculum, but are offered to the students to provide additional value to the programme, for enhancing the knowledge and skills of the student. Completion of these course(s) is / are not mandatory for successful completion of the programme.

(viii) **Mandatory Courses (MC)** are the courses that include Disaster Management and preparedness, Universal Human Values, Environmental Science, Indian Constitution, Induction Programme and Personality and Character Development Programme etc.

6.4 Medium of Instruction

Medium of Instruction for all the B.E. programmes is 'English'.

6.5 Assignment of Credits

(i) Each course is assigned with credits with respect to teaching and learning scheme as given in Table 2.

Table 2 - Teaching-Learning scheme

Course Code	Course Name	Periods/Semester					Total credits (C)* = (Total Hours/30)
		Classroom Instruction (CI) (in hours per semester)		Lab Instruction (LI) (in hours per semester)	Term Work (TW) and Self Learning (SL) (TW+ SL) (in hours per semester)	Total no. of Hours per semester	
		L	T	P	SL	Total	

*One credit is equivalent to 30 hours of learning for a course in a semester.



CI: Classroom Instruction in hours per semester (Includes different instructional/ implementation strategies i.e. Lecture (L), Tutorial (T), Case method, Demonstrations, Video demonstration, Problem based learning etc. to deliver theoretical concepts).

LI: Laboratory Instruction in hours per semester (Includes experiments/practical performances/problem-based experiences in laboratory, workshop, field or other locations using different instructional/Implementation strategies).

TW: Term work in hours per semester (Includes assignments, seminars, micro projects, industrial visits, any other student activities etc.).

SL: Self-Learning in hours per semester (Includes MOOCs, spoken tutorials, online educational resources etc.).

6.6 Range of Credits of different kind of courses

The range of credits for different category of courses and for each semester prescribed in the curriculum of all UG programmes is presented in Table 3 and Table 4.

Table 3 - Range of Credits for various courses

S. No	Course Category	Range of Credits
1.	Basic Science (BS)	22-25
2.	Humanities (HM)	8-11
3.	Engineering Science (ES)-G	12-16
4.	Engineering Science (ES)-PC	73-84
5.	Engineering Science (ES)-PE	18
6.	Open Elective (OE)	03
7.	Skill Development (SD)- (Project Work, Mini Project, IOC, TN Skill courses and Sprint Courses)	17
8.	Mandatory Course (MC)	06
Total		163-170

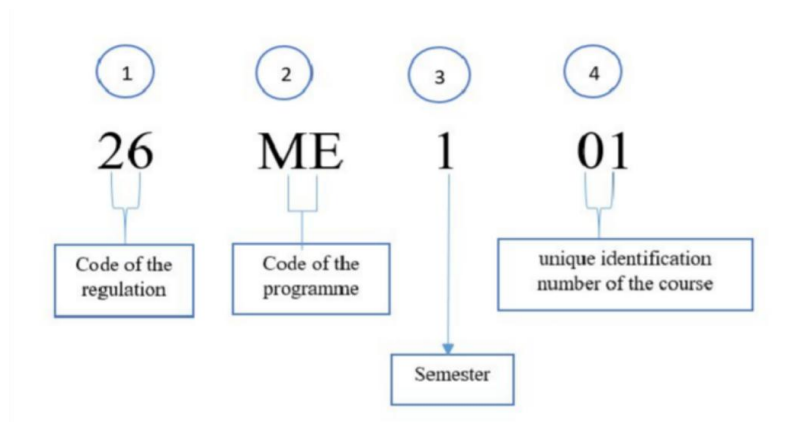
Table 4 - Range of Credits for each semester

S. No	Semester	Range of Credits
1.	1,2	43-47
2.	3,4,5,6,7	107-116
3.	8	10

6.7 Course Code

- (i) Each course offered by a department under the Engineering Science – Programme Core ES (PC) category is assigned a course code comprising two numerals, followed by two alphabets and three numerals. The first two numerals represent the regulation code, the next two alphabets indicate the Programme code, the following numeral denotes the semester and the final two numerals provide the unique identification number of the course.

For example, in B.E. Mechanical Engineering programme, a particular ES (PC) offered in the first semester is denoted as



- (ii) For courses offered by the Department under the Engineering Science – Programme Elective (**PE**) category, the third part denoting semester is replaced by '**PE**'. The fourth part is assigned as 01,02, and so on.

Ex: The course codes for PE Courses can be assigned as : 26ME**PE**01, 26ME**PE**02, 26ME**PE**05.

- (iii) For Open Elective Courses offered by the Department, the third part denoting semester



is replaced by '**OE**'. The fourth part is assigned as 01,02 and so on.

Ex: The course code for first open elective in Mechanical Engineering is assigned as 26ME**OE**01.

(iv) For Common courses offered by the department, third part denoting semester is replaced as '**C**' and the fourth part is assigned as 01,02 etc.

Ex: The course code for Mathematics offered as common for multiple departments can be assigned as 26MA**C**01.

(v) For Industry Oriented courses, the third part denoted as **IC** and fourth part is the sequential number from 01,02, and so on,

Ex: The course code for first Industry Oriented course in Mechanical Engineering can be assigned as 26ME**IC**01.

(vi) For Capstone Design Project (CDP), third part denoting semester is replaced by '**D**' and the fourth part shall be a sequential number such as **01, 02**, and so on.

Ex: The course code for first Capstone Design Project in Mechanical Engineering is assigned as 26ME**D**01.

(vii) For Honours courses, third part denoting semester is replaced by '**H**' and the fourth part shall be a sequential number such as **01, 02**, and so on.

Ex: The course code for first Honours course in Mechanical Engineering is assigned as 26ME**H**01.

(viii) For Minors courses, third part denoting semester is replaced by '**M**' and the fourth part shall be a sequential number such as **01, 02**, and so on.

Ex: The course code for first Minor subject in Mechanical Engineering is assigned as 26ME**M**01.

(ix) For Mandatory Courses, the second part of the course code shall be denoted as "**MC**", third part denoting semester is replaced as 'C' and the fourth part is assigned as **01,02** etc.

Ex: The course code for first Mandatory courses is assigned as 26**MCC**01.



The course code for personality and character Development course is assigned as 26MCC06.

- (x) For Sprint Courses offered under the Skill Development category, their course codes shall be structured as follows: the second part of the code shall be **"MC"**, third part denoting semester is replaced by **"S"** and the fourth part shall be a sequential number such as **01, 02**, and so on.

Ex: The course code for first Sprint courses is assigned as 26**MCS**01.

- (xi) For NCC theory courses, the second part of the course code shall be denoted as **"NC"**, third part denoting semester is replaced as 'C' and the fourth part is assigned as 01 and 02.

Ex: The course code for first NCC course is assigned as 26**NCC**01.

- (xii) The same course code shall be uniformly adopted for all common subjects across all departments.

6.8 Induction Programme

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

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

- ❖ Welcoming and orienting the new students.
- ❖ Providing academic guidance to the students.
- ❖ Guiding the new students about the institution and its activities, fests to the students.
- ❖ Enforcing the anti-ragging rule.

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



6.9 Personality and Character Development

The students shall enroll, on admission, in any one of the personality and character development programmes such as National Cadet Corps (NCC), National Service Scheme (NSS), National Sports Organisation (NSO) and Youth Red Cross (YRC), undergo training / conduct / participate in activities.

6.10 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 copies of 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.

6.11 Industrial visit

The students shall undergo 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.

7. Mentoring for students

7.1 Course Coordinator

The Course Coordinator is required to maintain an 'ATTENDANCE AND ASSESSMENT RECORD' for every semester which consists of attendance details, 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 two 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.

7.2 Faculty Advisor

Each Department of the Institution shall operate in a system with Faculty Advisors, where a faculty member is assigned to look after the general welfare of a set of students assigned by Head of the Department. The Faculty Advisors offer all the necessary guidance and help in academic matters, and, if need be, in personal matters also. Students are expected to consult the Faculty Advisor on any matter relating to their academic performance and the courses they may take in various semesters. If necessary, the Faculty Advisor may also discuss with or inform the parents about the progress / performance of the students concerned. Notwithstanding the above, the following are some of the roles and responsibilities of a Faculty Advisor:

- ❖ Inform students about the regulations and relevant information especially at the beginning of the students' academic programme.
- ❖ Serve as a guide to the students in their course selection.
- ❖ Review courses already taken and those offered in the upcoming semester in order to ensure the completion of total number of minimum number of credits required for the programme.
- ❖ Serve as a liaison between students and course coordinators on many academic matters including learning disabilities, language barriers, etc.



- ❖ Review students' academic progress at least twice a semester.
- ❖ Identify cases where the students' performance is deteriorating. Discuss with the student and suggest avenues for improvement / support.
- ❖ Provide the details about scholarship, placement, co-curricular and extra-curricular activities to the students.
- ❖ Coordinate with other academic bodies, if needed.
- ❖ To help the chairperson of the class committee in planning and conduct of the class committee meetings.
- ❖ To publish the attendance percentage and Continuous Internal Assessment marks of the students on the notice board of the concerned Department after the completion of each assessment.

7.3 Mentor

The Head of the Department (HOD) will appoint mentor for all the classes. A mentor should be responsible for approximately 20 students in a class. The mentor will hold the responsibility from second year of the same batch of students until the completion of the programme. The mentor will monitor students discipline and attendance performance assigned to them. For first year students, Chief Faculty Advisor shall assign a mentor for every class.

7.4 Class Committee

- (i) A Class Committee consists of Faculty Advisor, teachers of the class concerned, student representatives and a chairperson selected from among the faculty, preferably one who does 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.



- ❖ Informing the student representatives, the academic schedule including the dates of assessments and the syllabus coverage for each assessment.
 - ❖ Informing 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.
- (ii) The class committee shall be constituted within the first week of each semester. The class committee chairperson shall be assigned by the Head of the Department/ Chief Faculty Advisor for each class. At least 6 student representatives (preferably 3 boys and 3 girls) shall be included in the class committee.
- (iii) The Head of the Department and the Principal may participate in any of the class committee meeting.
- (iv) The concerned Faculty Advisor 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 / First year Chief Faculty Advisor.
- (v) 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 with the framework of the regulations. Two or three



subsequent meetings may be held in a semester at suitable intervals. The Faculty Advisor of the concerned semester 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 10 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.

7.5 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 Chief Course Coordinator. The nomination of the Chief Course Coordinator shall be made by the Head of the Department 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.

8. Class Timings

The classes are usually scheduled between 09:10 AM to 04:50 PM with necessary recesses and lunch break. Additional classes shall be scheduled in the morning and evening hours at the convenience of the Course coordinator to the students opting for Honours / Minor Programmes. Regular classes are scheduled 5-days in a week, from Monday to Friday.

9. Course Enrollment and Registration

9.1 Each student admitted is required to register before the commencement of each semester to undergo the courses during the semester as per the academic schedule. Registration is a very important procedural part of the academic system for ensuring that the student's name is on the roll list.



- 9.2** Registration of courses shall be only through the web-based system (ERP) within the prescribed dates as per the Academic Schedule. Students are advised to carefully complete the registration process. Responsibility for completion of the registration process on time, rests with the student and the student shall approach the Faculty Advisor concerned for any clarifications.
- 9.3** A student shall not re-register for the courses which are successfully completed by the student, for any reason(s) whatsoever.
- 9.4** Students shall register the courses in a semester, subject to the maximum credit limit of 36 per semester, that includes courses registered for Honours / Minor Degree programmes & Shortage of Attendance.
- 9.5** 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.
- 9.6** The student shall drop or add courses within 5 working days after the commencement of the concerned semester and complete the registration process duly authorized by the Faculty Advisor. Under any circumstances addition/dropping of course in registration process shall not be entertained after the 5 working days from the commencement of academic session.
- ❖ From the III to VIII semesters, the student has the option of registering for additional courses or dropping existing courses.
 - ❖ The student shall register for the project work in the respective semester only.
- 9.7** Student shall choose Programme Elective (PE) courses in a semester from the group of PE courses listed in the respective semester curriculum. Minimum registration of 15 students is required to offer a PE course and OE course. However, the minimum registration of students is not applicable for offering the courses under B.E. (Hons) and B.E. Minor degree.



- 9.8** Students shall choose Open Elective (OE) courses from the courses offered by other departments and listed under Open Electives.
- 9.9** From the V to VII semesters, the students shall have the option of registering for additional courses in a semester with regards to enrolling for B.E. (Hons) / B.E. (Minor with Specialization).
- 9.10** The student shall be permitted to register additional courses over and above the credits prescribed in the curriculum under PC/PE/OE category in student's programme within minimum duration with prior permission from Head of the Department and Head of the Institution. The credits earned shall be printed in the grade sheet and shall not be considered for the CGPA calculation.
- 9.11** *For Online (NPTEL/SWAYAM) Courses*, students shall have the option of registering the courses in online platforms (NPTEL/SWAYAM Portal) in a semester (except VIII semester), subject to prior approval from the Head of the Institution.
- (i) Students shall submit a proposal at least FIFTEEN Days before end of the ongoing semester along with the details of course contents, name and affiliation of the instructor, Mode of evaluation, etc. **for the online courses(s) undergoing in the subsequent semester.** Such proposals shall be placed before the Departmental Committee (DC) for making recommendations. The recommendations of the DC shall be submitted to the Controller of Examinations/Principal for approval, before the last working day of the semester. DC shall be constituted by the Head of the Department consisting of,
1. Head of the Department concerned
 2. 1 senior faculty from the department concerned
 3. Faculty Advisor(s) of the class
- (ii) The DC shall ensure that:
- i. the student has not studied such courses and would not repeat it again as Programme Core/Programme Elective/Open Elective courses.



- ii. the learning platform should have a clear process of awarding grades / marks to the students.
 - iii. The number of courses that can be registered by a student shall not exceed to the maximum credit limit of 36, in a semester.
 - iv. Students shall register only for the online courses approved by Head of the Institute, for the transfer and award of credits in lieu of PE/OE courses.
- (iii) A Coordinator shall be appointed as a Single Point of Contact for coordinating all the activities related to online courses.

9.12 *For TN Skill courses*, a student may earn a maximum of 6 credits by successfully completing three TN Skill courses, and these credits shall be considered in lieu of Programme Elective (PE) and/or Open Elective (OE) courses. In this regard, a student is permitted to drop two PE/OE courses. The credits earned through NM courses shall be applicable from Semester V to Semester VII. If a student earns 2 credits in semester V and then enrolls for another 2 credits in semester VI, then he/she is permitted to drop one Programme Elective and /or open elective course in semester VI. Further if a student earns 4 credits up to semester VI and enrolls for another 2 credits in semester VII, then he/she is permitted to drop an additional programme Elective and / or open elective in the VII semester.

9.13 *For Value-Added (VA) Course(s)*

- (i) Students have the option of registering for Value Added (VA) courses and the credits earned after successful completion of VA courses shall be featured in the Grade sheet. However, credits earned (if any) will not be considered for computation of CGPA. Students shall be allowed to take the courses offered in other departments also, but with the permission of the Head of the Institution.
- (ii) Syllabus content, timetable and faculty for conduct of VA course(s) shall be placed before the Departmental Committee (DC) for making recommendations. The



recommendations of DC shall be sent to CoE office, within 10 working days from the commencement of a semester for offering VA course(s) in the subsequent semester. Once approved by the Head of the Institution, these courses can be offered by the department. Post-facto permissions shall not be entertained under any circumstances.

- (iii) No course shall be offered by a Department unless a minimum of 15 students register for that course.

10. Attendance Criterion

10.1 The institution mandates that students achieve at least 80% 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

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

10.2 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 80% attendance, but has at least 70% 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 70% to 80%) Permission mentioned in 10.2 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/-



- 10.3** Under any circumstances, medical certificate(s) submitted after the due date, as stipulated in Clause 10.2 shall not be accepted.
- 10.4** 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 80%. 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.
- 10.5** The students should get prior approval from the Head of the Institution to attend campus recruitments, seminars, project works, internships, 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.
- 10.6** 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.



11. Provision for withdrawal from End Semester Examinations

A student, if eligible for appearing in the End Semester Examinations shall be allowed to withdraw the course(s) for bona fide reason(s) (such as hospitalization, accident or specific illness only), **with the prior approval of the Head of the Institution**, and such application shall be submitted to the Controller of Examinations; however, in the case of medical emergencies, post-facto approval may be accorded by the Head of the Institution, provided prior intimation has been received from the student or the parent/guardian. Students shall appear for the 'End Semester Examination' in the subsequent semester. The Course(s) withdrawn shall not be considered as an appearance for classification of degree. This provision is also applicable to those who seek withdrawal during VIII semester. Such withdrawal shall be permitted only ONCE during the entire period of study of the Degree Programme.

12. Break of Study

12.1 Students shall be permitted to avail ONE 'Break of Study' for a period of ONE year (Two consecutive semesters) in the entire FOUR years of the programme for bona fide reasons (such as hospitalization / accident / specific illness only). However, Break of Study shall also be granted for above - said bona fide reasons, for a period of SIX months (one semester) to the students who have already completed up to the VII semester of the programme. The student shall apply for Break of Study to the Head of the Institution through the respective Head of the Department. Under any circumstances, student shall not be permitted to request for Break of Study retrospectively and also request for Break of Study will not be accepted after the generation of 'Prevention List'. Duration of the Programme, is as given in Clause 6.2 includes the period of above approved Break of Study.

12.2 Students who are granted 'Break of Study', shall be allowed to appear for the End Semester Arrear Examinations for backlog courses, if any, during the period of Break of Study.



12.3 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 20)

13. Unauthorized Absence

If a student has not reported officially to the Institution for the entire duration of the semester, without any prior written request (hardcopy or email to official ID of the Head of the Institution) for 'Break of Study', Head of the Institute shall send the intimation on unauthorized absence to such Student / Parent / Guardian through email/registered post. Considering students' welfare and the natural justice, Head of the Department shall inform such Student / Parent / Guardian a minimum of TWO times periodically in a semester on the unauthorised absence. If a student has not reported after two intimations, then the Head of Department shall send the list of such student(s) to the Head of the Institution. Upon verifying all relevant records, admission of such student(s) shall be cancelled and this decision shall be communicated to competent state authority for students' admission.

14. Rejoining the Programme

14.1 After the end of approved 'Break of study' period, student shall be permitted to rejoin the programme in that particular semester, for which 'Break of Study' has been granted to the student. Student(s) shall rejoin the programme within TEN working days from the date of commencement of semester. Under any circumstances, the period of rejoining shall not be extended. Regulations & Curriculum in force for the specific semester, at the time of re-joining shall be applicable to such student(s). Appearance of the student (including absence) in the end semester examinations for these courses in that particular semester shall be considered as 'First Appearance'.

14.2 If there is any change of Academic Regulations & Curriculum, the student shall undergo additional course(s) or get exemption from undergoing the course(s), as recommended by the Special Committee, for this purpose. Addition/exemption of course(s) if any due



to change of regulations at the time of re-joining shall be prescribed to the student within FIFTEEN working days from the date of rejoining.

15. Teaching and Evaluation

15.1 Each course is conducted by a 'Course Coordinator', who has the overall responsibility for successful conduct of class work. Responsibilities of the Course coordinator include the maintenance of attendance and assessment records for the courses handled.

15.2 Semester-wise performance assessment of the student is evaluated through continuous assessments & end semester examinations, and in some courses through continuous assessments only.

15.3 *For 'Theory (T) Courses'*, evaluation shall be through continuous assessments and end semester examination. Each course, under theory type in the respective curriculum, student's performance shall be evaluated for a maximum of 100 marks. Continuous Assessments shall have the weightage of 40% and end semester examination shall have the weightage of 60%.

- (i) A continuous assessments comprise of two Internal Examination (IE) and activities as prescribed in the syllabus content of the respective course. For each IE, there shall be a minimum of ONE 'activity' which include tutorials, assignments, group assignments, quizzes, etc. as prescribed in the respective course syllabus. Weightage for IE and activities is provided in Table 5. Weighted Average of marks obtained in two assessments, shall be taken as Continuous Assessment marks for a particular course.

Table 5 – Weightage for Continuous Assessment in Theory (T) Courses

Internal Examination-I		Internal Examination -II		Total
Written Test	Activities	Written Test	Activities	
30%	20%	30%	20%	100%

(i) For Test component (60%)

- (a) Test - I : 60 marks
(b) Test - II : 60 marks

(ii) For Activity Component (40%)

- (a) Activity – I : 40 marks
(b) Activity – II : 40 marks

- (ii) End semester examination shall be conducted for 100 marks for a duration of three hours. However, for theory course with ONE credit end semester examinations shall be conducted for a maximum of 50 marks with a time duration of 90 minutes. Marks secured in such ONE credit course shall be subsequently converted to equivalent marks out of 100.

15.4 For 'Laboratory Integrated Theory (LIT) Courses', Evaluation shall be through continuous assessments and end semester examination. Continuous assessments have weightage of 50% and end semester examination shall have the weightage of 50%.

- (i) Continuous assessment comprises of two IEs for theory part and a minimum of one IE for practical portion. For theory part IE, activities such as assignments, group assignments, quizzes, etc. shall be completed as prescribed in the respective course syllabus. The assessment of laboratory practical component shall be based on turn-turn supervision of student work and the performance in Laboratory Practical test. Rubrics for each laboratory course shall be arrived by the course coordinator with the approval of the Head of the Department concerned, at the beginning of the semester. Details of weightage for theory and practical components with respect to credits are presented in Table 6.

Table 6 - Weightage of Continuous Assessment in LIT courses

S.NO	L-T-P-SL	C	Continuous Assessments		
			Theory	Practical	Activities
1.	30-0-15-15	2	30%	10%	10%
2.	45-0-45-30	4	30%	10%	10%
3.	45-0-30-45	4	30%	10%	10%
4.	45-15-45-15	4	30%	10%	10%

(i) For Theory Component (30%)

(a) Test - 1 : 60 marks

(b) Test - 2 : 60 marks

(ii) For Activity Component (10%)

(a) Activity - 1: 40 marks

(b) Activity - 2: 40 marks

**(iii) For Practical Component (10%)**

- (a) Evaluation of student's work, Observation and Record : 100 marks (75%)
 (b) Practical test : 100 marks (25%)

- (ii) End semester examination shall be conducted for 100 marks with a duration of THREE hours with a weightage as provided in the Table 7.

Table 7 - Weightage of End Semester Examination in LIT courses

S.NO	L-T-P-SL	C	End Semester Examination	
			Theory	Practical
1.	30-0-15-15	2	50%	-
2.	45-0-45-30	4	50%	-
3.	45-0-30-45	4	50%	-
4.	45-15-45-15	4	50%	-

15.5 For 'Laboratory (L) Courses', evaluation shall be through continuous assessments and end semester examination. Continuous assessments shall have weightage of 60% and end semester practical examination shall have the weightage of 40%.

- (i) Continuous assessment will be based on turn-turn supervision of the student's work, submission of observation notebooks, activities as prescribed in the syllabus content of the respective course. Rubrics for each laboratory course shall be arrived by the course coordinator at the beginning of the semester. The weightage for continuous assessment is given in Table 8.

Table 8 - Weightage for Continuous Assessment in Laboratory (L) Courses

Evaluation of student's work Observation, Record and Model Test	Activities
75%	25%

(i) For Continuous Assessment

- (a) Evaluation of student's work Observation and Record : 50 Marks
 Model Test: 50 Marks
 (b) Activities : 100 Marks



- (ii) End semester practical examination shall be conducted for laboratory courses for 100 marks and this examination shall be scheduled preferably before the commencement of theory examinations in a particular semester.

15.6 For 'Project Work', evaluation of project shall be through continuous assessments and end semester examination. Continuous assessment shall have the weightage of 60% and end semester examination shall have the weightage of 40%.

- (i) 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 shall work in a topic of Interest, under a faculty, who shall be the Guide and regularly interact (at least twice a week) with the student/group of students. The dates for reviews, submission of reports and Viva-Voce examination are decided by the Controller of Examinations.
- (ii) Evaluation of project shall be through continuous assessments (Three reviews at regular intervals) and end semester examinations (evaluation of project report and the final via-voce examination). Project reviews shall be conducted by a committee constituted by the respective Head of the Department, comprising Project Coordinator, Faculty Advisor and Guide(s).
- (iii) Student(s) shall submit a project report and defend it in front of panel of examiners to evaluate the students' performance. Evaluation of Project thesis report shall have the weightage of 20% and the final Viva-Voce examination shall have the weightage of 20%. Break up of marks with weightage for continuous assessment and end semester examinations is presented in Table 9. For the conduct of end semester examinations, one internal from the respective department and one external examiner shall be nominated by the respective Head of the department and approved by the Controller of Examinations/Head of the Institution.

Table 9 - Weightage for Continuous Assessment & End Semester Examination for Project Work

Continuous Assessment (60%)			End Semester Examination (40%)			
Review I	Review II	Review III	Project Report Evaluation		Viva-Voce	
10%	20%	30%	Internal	External	Internal	External
			10%	10%	10%	10%

(i) For Continuous Assessment

(a) Review - I (10%) : 100 Marks

(b) Review - II (20%) : 100 Marks

(c) Review - III (30%) : 100 Marks

(ii) For End Semester Examination
(a) Project Report Evaluation (20%)

i. Internal Examiner (10%) : 50 Marks

ii. External Examiner (10%) : 50 Marks

(b) Viva-Voce Examination (20%)

i. Internal Examiner (10%) : 50 Marks

ii. External Examiner (10%) : 50 Marks

15.7 For 'Internship cum Project work' a student or a group of students (not exceeding four) who are selected for the internship, shall work in a project in the industry concerned that mandatorily requires an internal guide & external guide. On receipt of the intimation letter / email regarding the internship, the Head of the Department concerned shall nominate a Guide for smooth progression of the works.

(i) Internal guide is a faculty from the department of the student.

(ii) An external guide shall be identified at the time of offering the internship to the students by the industry concerned and the external guide has to interact with the internal guide at regular intervals for formulation, monitoring and completion of the project work. External guide shall be a review committee member for evaluating the progress of the work and performance of the student(s). Bona fide certificate for the completion of the 'Internship cum Project Work' shall be approved by both internal guide and external guide.



- (iii) Any confidential / Intellectual Property Rights matters related to the industry concerned, shall be discussed by the external guide from the industry, at the beginning of the internship cum project work with the student(s) and the internal guide, in order to arrive at the problem definition & formulation of objective(s) of the Internship cum Project Work.
- (iv) For undergoing 'Internship cum Project Work' in hassle-free manner and also in the large academic interest of the students and also to maintain the quality of the project work, sufficient information and data shall be provided by the industry concerned to the student / group of students and the same shall be ensured by the internal guide at the beginning and at regular intervals, for successful completion of the 'Internship cum Project Work'.
- (v) Students who are undergoing 'Internship cum Project Work' in the industries must attend the review in physical mode.
- (vi) Evaluation of 'Internship cum Project Work' is as per Clause 15.6.

15.8 For 'Mini Project', evaluation shall be through continuous assessment only. This shall be considered as an academic activity as part of the curriculum, a student or a group of students shall undergo the practice of doing theoretical or experimental works for understanding the concepts elaborately. A review committee shall be constituted by the respective Head of the Department, consisting of three faculty members viz. Project Coordinator, Faculty Advisor and respective guide for periodical reviews. Performance of the students is assessed by this committee only through continuous assessments, which include three reviews. Weightage is 25% each for the first two reviews and 50% for the third review as given in Table 10. Student(s) shall submit a report in the prescribed format within the deadline as specified by the Head of the Department. This committee evaluates the project report submitted by the student(s) with a weightage of 30% out of 50% and conduct Viva-Voce examination with a weightage of 20% out of 50%, in the third review.

Table 10 - Weightage for Continuous Assessment for Mini Project

Continuous Assessment (100)			
Review I	Review II	Review III	
		Report	Viva-Voce Examination
25%	25%	30%	20%

Continuous Assessment

(i) Review - I (25%) : 100 Marks

(ii) Review – II (25%): 100 Marks

(iii) Review – III (50%): 100 Marks

a. Report (30%) : 60 Marks

b. Viva-Voce Examination (20%) : 40 marks

15.9 For 'Internship /Industrial Training', evaluation shall be through continuous assessment only. A student shall undergo 'Internship /Industrial Training' in the industry for a period of atleast four weeks either in single spell or in multiple spells of a week each starting from V to VII semester. The Industry in which student propose to undergo internship/ Industrial Training shall involve in Design/ Fabrication / Production / Manufacturing / Testing/ Research & Development /Services, etc. in alignment with the fields related to the programme.

After completion of Internship /Industrial Training, the student shall submit a detailed report on the training undergone, which consists of the following:

- ❖ Description of the work, skills acquired and usefulness
- ❖ Attendance Certificate issued by the Industry concerned
- ❖ Photographs of the students in the industry
- ❖ Completion certificate from the industry / faculty mentor

The evaluation shall be carried out by the committee comprising of three faculty members constituted by the respective Head of the Department and one among the faculty shall be nominated as the coordinator. Marks are awarded to the students based on the evaluation with the weightage of 40% for report evaluation, 30% weightage for

presentation and 30% weightage for Viva-Voce examination, as presented in Table 11.

The internship details of the student' will be submitted to COE by the respective Head of the Department within 10 days from the commencement of VIII semester classes.

The Internship details will appear in the grade sheet.

Table 11 - Weightage for Continuous Assessment of Internship / Industrial Training

Report	Presentation	Viva-Voce
40%	30%	30%

Continuous Assessment (100%)

(a) Report (40%) : 40 Marks

(b) Presentation (30%) : 30 marks

(c) Viva-Voce (30%) : 30 marks

15.10 For ' Online (NPTEL/SWAYAM) Courses',

- (i) Students shall register only for the online courses (vide Clause 9.11) approved by Head of the Institute, for the transfer and award of credits in lieu of PE/OE courses.
- (ii) After completion of the course, the Head of the Department shall submit the following documents to CoE Office for transfer of credits before the end of the semester.
 - ❖ DC minutes showing the approval for online courses for student's registration.
 - ❖ List of students who cleared online courses, with course name, duration, marks scored and credits earned.
- (iii) The students can transfer a maximum of 'THREE' credits in lieu of PE/OE courses during their period of study. 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 in Table 12.

Table 12 - Credits based on duration of NPTEL course

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

- (iv) However, students can opt any number of online courses during their study with the approval of DC, Head of the department and Head of the Institution, but only three credits shall be taken for the calculation of CGPA. However, these courses will be printed in the Grade Sheet under the title additional courses.

15.11 For 'Industry Oriented Courses (IOC)', evaluation shall be through only continuous assessments.

- (i) There shall be 'TWO' Industry Oriented Course (IOC) to be successfully completed by student, as prescribed in the respective curriculum. Students shall also be permitted to register for these courses offered by other departments, provided the student has fulfilled the necessary pre-requisites of the course being offered.
- (ii) Proposal for conduct of IOC shall be submitted by the respective department to the Head of the Institution during the commencement of each semester for conducting IOC(s) in the subsequent semester, as per the curriculum.
- (iii) Title of the course and its content shall be framed by the identified industrial expert in consultation with the department concerned. A faculty member shall be nominated as coordinator by the respective department. Content shall be of trans / multidisciplinary in nature, with practical applications such as case studies, standards, certifications, etc.
- (iv) The proposal shall contain a brief introduction about the expert, title of the course, lesson plan for 30 hours, tentative schedule of the classes and pre-requisite(s), if any, for the students to undergo the IOC.



- (v) The received proposal shall be placed before the DC and with recommendations of DC, proposal shall be forwarded within 15 days before the last working day of the ongoing semester to the Controller of Examination for further action. List of approved IOCs shall be widely published among the students through the website of the Institution, before the last examination date of the ongoing semester. Approved IOCs shall be offered in the subsequent semester.
- (vi) Classes shall be conducted by the industry expert through physical / hybrid mode and slot for these courses shall be allotted depending on the availability of the expert in regular timetable, before or after the working hours. However, time slots on Saturdays may also be decided depending on the convenience of the students and expert. For all sessions, the coordinator shall attend the classes along with the students. Attendance register for IOC shall be maintained by the coordinator.
- (vii) Size of the batch shall be preferably below 75 for both physical and hybrid mode.
- (viii) Classes for IOC shall be held in the Institute premises and the practical classes or case studies / project, if any shall be conducted at the Institute / Industry, which shall be decided by the Industry Expert in consultation with the coordinator.
- (ix) Performance of the students shall be evaluated only through continuous assessments, with 'TWO' IEs viz. First IE in mid-term of the course and second IE at the end of the course. These IEs have equal weightage. Mode of assessment can be Quiz, Multiple Choice Questions, Descriptive type, Assignments, Projects, etc. and it is at the discretion of Industrial Expert and Coordinator. End Semester Examination shall not be conducted for IOC course. Average marks obtained in two assessments shall be taken as continuous assessment marks for the IOC course.
- (x) Students shall also be permitted to attend the IOCs as 'Value Added Courses' over and above the two mandatory IOCs. The result(s) of such VACs shall be printed in the Grade sheet and the credit acquired shall not be considered for computation of CGPA.
- (xi) At the end of each IOC, students' feedback shall be obtained and reviewed by the

respective Head of the Department, for further refinement of the course.

15.12 For Courses offered under ' Skill Development (SD)' category (except Project Work, mini project, Capstone Design Project (CDP), IOC, and sprint courses) shall be evaluated as follows.

- (i) For courses such as TN Skill courses under Laboratory type, the evaluation shall be as prescribed in the Clause 15.5.
- (ii) For courses under Laboratory Integrated Theory type, evaluation shall be as prescribed in the Clause 15.4.

15.13 For 'Sprint Courses' evaluation shall be only through continuous assessments. The evaluation shall be carried out in three levels of L1, L2 & L3 with varying complexity to test in depth knowledge gained by the students.

- (i) L1 shall be MCQ to test the conceptual understanding of the course.
- (ii) L2 shall test the practical application of skills through classroom assignments and activities.
- (iii) L3 shall assess the higher-order cognitive skills in applying the knowledge and skill to solve a problem, design a solution or demonstrate a prototype. The weightage for L1, L2 and L3 levels is given in Table 13.

Table 13 - Weightage for Sprint Courses

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

- (iv) End Semester Examinations shall not be conducted for this course.

15.14 For 'National Cadet Corps (NCC) / National Sports Organization (NSO) / National Service Scheme (NSS) / Youth Red Cross (YRC) / Activities'

- (i) One of the four activities, 'National Cadet Corps (NCC) / National Sports Organization



(NSO) / National Service Scheme (NSS) / Youth Red Cross (YRC)', is a mandatory requirement during the first year of the programme. The choice shall be solely based on the decision of the student at the time of admission and no change shall be permitted at a later stage.

- (ii) These activities are normally conducted during off-working hours and weekends and are designed to build character and to sensitize the students to social / national development. Every student shall put in a minimum of 80% attendance in the training and attend the camp compulsorily. Camp for each activity shall be conducted during vacation period. Training period and camp duration shall be decided by the respective unit, from time to time. These activities shall not carry any credits.
- (iii) In addition to the above mandatory requirements, the student(s) shall be permitted to participate in NSS / NSO / NCC / YRC in subsequent years too, if they have an interest to pursue further. Successful completion of such participation (NSS/NSO/YRC) in at least one event/programme will be given a certificate by the Head of the Institution and the details shall be forwarded to CoE Office. This shall be featured only in the consolidated mark sheet.
- (iv) Successful completion of NCC courses prescribed in curriculum of the respective programme shall be awarded with credits and shall be featured only in the grade sheet. However, the credits earned shall not be considered for computation of CGPA.

15.15 Courses offered under '**Mandatory Courses**' shall be evaluated as follows:

- (i) **Courses with zero credit** shall be evaluated only through continuous internal assessments with minimum of TWO tests. These two tests shall carry equal weightages and total marks obtained these tests shall be 100 marks. End Semester Examination shall not be conducted for these courses.

The pass mark for these courses is 50%. The student must satisfy the minimum attendance requirements and passing criteria as specified for the course. Students who get less than 50% marks must redo the same course in the subsequent semesters.

(ii) ***Courses with credits*** shall be evaluated as prescribed in Clause 15.3.

15.16 In summary, the weightage for Continuous Assessments & End Semester Examination for various type/category of courses is given in Table 14 as follows.

Table 14 - The Weightage for Continuous Assessments & End Semester Examination for various category of courses

S.NO	Type	Continuous Assessments	End Semester Examinations
1.	Theory	40%	60%
2.	Laboratory Integrated Theory	50%	50%
3.	Laboratory	60%	40%
4.	Project work/Internship cum Project work	60%	40%
5.	Capstone Design project	60%	40%
6.	Mini-Project	100%	--
7.	Internship/Industrial Training	100%	--
	Type/Category		
8.	Laboratory/SD	60%	40%
9.	Laboratory Integrated Theory/SD (Other than Capstone Design project & IOC)	60%	40%
10.	Theory & Laboratory Integrated Theory / SD (IOC only)	100%	--

15.17 Passing Criteria in a Course

A Student is declared 'PASS' in a course upon satisfying the following conditions.

- (i) ***For ' Theory, Laboratory Integrated Theory & Laboratory Courses'***, student shall secure a minimum 45% of marks in the end semester examination and also obtain a minimum 50% marks in total, combining both Continuous assessments and End semester examination.
- (ii) ***For ' Project Work / Internship cum Project Work'***, student shall secure a minimum 45% of marks in the end semester examination (Project report evaluation & Viva-Voce examination) and also obtain a minimum 50% marks in total combining both Continuous assessments and End semester examination.



- (iii) **For 'Mini Project'**, student shall secure a minimum 50% of marks in the continuous assessments through three reviews, as given in Clause 15.8.
- (iv) **For Courses on 'Heritage'**, student shall secure a minimum 45% of marks in the end semester examination and also obtain a minimum 50% marks in total, combining both Continuous assessments and End semester examination.
- (v) **For 'Industry Oriented Courses and Sprint courses'** under SD Category, student shall secure a minimum 50% of marks in continuous assessments.
- (vi) **For 'LIT and L type courses'** under SD Category (other than capstone design project & IOC), student shall secure a minimum 45% of marks in the end semester practical examination and also obtain a minimum 50% of marks in total, combining both Continuous assessments and End semester practical examination.
- (vii) **For 'Internship / Industrial Training'**, student shall secure a minimum 50% of marks in the continuous assessments.
- (viii) **For 'Online Courses'**, the student shall secure a minimum 40% of marks. Published result of the online courses obtained from the source of learning shall be submitted by student to the Controller of Examinations, through the respective Head of Department after completion of the course. Marks obtained by a student in the online course shall be converted to an equivalent grade, adopting the procedure as prescribed in Clause 18.2 of this regulation.
- (viii) **For 'Value Added Courses'**, a student shall secure a minimum 50% marks, as per the evaluation processes, prescribed by the Firm / Company offering the VAC. Grade shall be awarded as prescribed in Clause 18.2 of the regulations. Credits earned shall not be considered for computation of CGPA.
- (ix) 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 various branches of study is provided in Table 15.

Table 15 - Minimum number of credits to be earned for various branches

Branches of study	For regular entry	For lateral entry
Civil Engineering	163	117
Computer Science and Engineering	165	121
Computer Science and Engineering (AIML)	166	122
Electronics and Communication Engineering	169	126
Electrical and Electronics Engineering	170	123
Mechanical Engineering	168	125
Metallurgical Engineering	167	124

15.18 Publication of Results and Revaluation

- (i) Publication of examination results shall be within TWENTY working days from the date of completion of end semester examinations of a particular programme.
- (ii) After Publication of end semester examinations results, student shall be permitted to go through the end semester examination answer scripts of the courses under Theory and Laboratory Integrated Theory only on ' OPEN DAY '. The open day is organized only for students currently enrolled in the Institution.
- (iii) The OPEN DAY shall be conducted within TEN working days after the publication of results, adhering to the guidelines in force, as prescribed by the COE, from time to time, to address the doubts raised by the students, if any. No claim for revaluation shall be entertained under any circumstances later, if the student has not reported for the ' OPEN DAY '.
- (iv) The passed out students shall apply for revaluation of the answer script(s), as per the guidelines prescribed by the Controller of Examinations from time-to-time.
- (v) Student shall not be permitted to apply for revaluation of the answer script(s) for the course(s) in which the students' performance is evaluated only based on continuous assessment.



(vi) Student shall not be permitted to apply for revaluation of the answer script(s) for the course(s) offered under SD category and Laboratory Courses.

(vii) The COE will arrange for the revaluation and the results of revaluation shall be published within 10 days after the completion of OPEN DAY.

15.19 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 Examinations, Government College of Engineering, Salem.

15.20 Procedure for using Scribe

If a candidate has a disability of 40% or more, 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 of one-hour extra time will be permitted. The scribe shall be a non-engineering student/graduate.

15.21 Not Satisfying '*Passing*' Criteria

A student who has not satisfied the passing conditions in,

- (i) ***Theory, Laboratory Integrated Theory and Laboratory courses***, has to reappear in the 'End Semester Examination' in the subsequent semester(s). In such case, the continuous assessment marks obtained 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 (Continuous Assessments + End Semester Examination) as per Clause 15.17. (i), then the student shall be declared to have passed the examination if the student secures a minimum 50% of total marks in the end semester examinations alone.

If a student fails to secure a pass in a theory course / laboratory course 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.

- (ii) ***Project Work, Internship cum Project Work, Mini Project, Internship/ Industrial Training***, has to repeat the course in the ensuing semester.
- (iii) ***Industry Oriented Courses*** , shall register for the same IOC / any other IOC, in the ensuing semester.

16. Honours Degree

16.1 Students always have a passion or fascination for a particular field or a line of thinking or study and Honours Degree option enables the student to nurture this interest. Students shall obtain Honours degree by successful completion of additional courses in the 'FIRST APPEARANCE' itself. These additional courses are over and above the courses prescribed in the respective curriculum from ' FIFTH ' semester onwards. Additional courses shall be either a 'CAPSTONE DESIGN PROJECT ' or ' SIX ELECTIVE COURSES'.

- (i) Students shall earn '**EIGHTEEN**' credits and split up of credits shall be given in the respective curriculum.
- (ii) Eligibility for any student admitted under Clause 4.1 of this regulation to opt for the Honours degree is that, the student should earn a minimum CGPA of 7.00 in 'THIRD' and 'FOURTH' semesters together and also students should not have any history of arrears from first semester.
- (iii) Eligibility for any student admitted under Clause 4.2 of this regulation to opt for the Honours degree is that, the student should earn a minimum CGPA of 7.00 in 'THIRD' and 'FOURTH' semesters together without any backlog arrears in third and fourth



semesters.

16.2 Capstone Design Project for ' *HONOURS* ' Degree

- (i) Capstone Design project provides an opportunity to work in a team to design and develop a product, focusing to evolve solutions for real-time problems, starting from Problem definition, Specification formulation within given constraints, Review of design process and design ideation, Human factors, Market research, Product and patent research, fabrication considerations, Safety and risk assessment, Liability and ethics, Environmental and sustainability considerations, Proof-of-concept methods, Codes and Standards, etc. and finally to test prototype(s).
- (ii) A group comprising of 4 to 6 students, spread over minimum of two departments and maximum of three departments, shall opt for Capstone Design Project in 'THREE PHASES' from V to VII semester, in addition to the courses as prescribed in the curriculum. It is mandatory that students from at least TWO departments shall be a part of the project group and the number of students from each department shall be at least TWO.
- (iii) A Mentor shall be identified by the students from any one of the participating Department. Head of the Department of the Mentor's Department with approval of the Head of the Institution, shall constitute a Project Review Committee (PRC) consisting of Mentor, one faculty – from the department of the students (other than the Mentor's Department) in the group and one expert from industry in the relevant field. Student shall also identify Co-Mentor(s) from the participating department(s).
- (iv) During the Capstone Design Project, the student groups are encouraged to participate in events such as Hackathon, Industrial Expo to showcase and pitch their inventions.
- (v) Evaluation of Capstone Design Project is by continuous assessment (Three periodical reviews) in each semester by the PRC and Viva-Voce examination at the end of each semester. Viva-Voce examination shall be conducted with panel of Internal examiners (PRC) and ONE external examiner. Weightage for Continuous assessment is 60% and



for project report evaluation along with Viva-Voce examination is 40%. The breakup of marks with weightage for continuous assessment and end semester examination is as per Clause 15.6 (Table 9).

- (vi) Every student in the group shall secure a minimum 45% of marks in Project report evaluation & Viva-Voce examination and also obtain a 50% of total marks in the Continuous assessments + (Project report evaluation & Viva-Voce examination) for getting 'PASS' in the particular phase of Capstone Design Project. Upon successful completion of the particular phase, the students shall be allowed to proceed to the next phase. In case, if any student in the group is not able to secure 'PASS' as prescribed above, the student shall discontinue from the Capstone Design Project and shall not associate with the Capstone Design Project furthermore.
- (vii) After earning '**EIGHTEEN**' credits through the successful completion of the Capstone Design Project (CDP), 'HONOURS' shall be conferred along with 'Certificate of Appreciation' to the students, who secure 8.50 or higher CGPA, without any history of arrears. If the student in the group, after successful completion of Capstone Design Project secures less than 8.50 CGPA, 'HONOURS' degree shall not be conferred. However, the result of Capstone Design Project shall feature in the Grade sheet and a 'Certificate of Appreciation' shall be issued to those students.

16.3 Six Elective Courses for ' *HONOURS* ' Degree

- (i) Students shall opt for the Honours Degree by undergoing six additional elective courses from the basket of courses listed separately for Honours in the respective curriculum. The credit distribution shall be prescribed in the curriculum. The student shall earn '**EIGHTEEN**' additional credits through the course works, which are related to the major discipline of study. Evaluation and 'PASS' requirement of these courses is as per Clauses 15.3 and 15.17.
- (ii) On successful completion of six elective courses, 'HONOURS' shall be conferred to the students, who secure a CGPA of 8.50 or higher, without any history of arrears. If the



student after successful completion of 'SIX' courses secures less than 8.50 CGPA, 'HONOURS' degree shall not be conferred.

- (iii) If the student decides to opt out of Honours Degree, after successful completion of certain number of course work(s), these course(s) shall be treated as equivalent to PE Course(s). In such case, the student shall be permitted to drop the equal number of PE Course(s).
- (iv) If the student successfully completes more number of PE Course(s), over and above the mandatory PE course(s) as prescribed in the curriculum, the courses with higher grades shall be considered for the calculation of CGPA. Remaining courses shall be only printed on the grade sheet and grade obtained in these courses shall not be considered for computation of CGPA.
- (v) 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.

17. Minor Degree

- (i) Students always have a passion to acquire knowledge apart from the discipline of the programme, making students more versatile. Students shall be awarded with minor degree upon successful completion of additional courses over and above the courses as prescribed in the respective curriculum from 'FIFTH' semester onwards.
- (ii) Students shall earn 'EIGHTEEN' credits and split up of credits shall be prescribed in the respective curriculum.
- (iii) Eligibility for any student admitted under Clause 4.1 of this regulation to opt for the Minor degree is that, the student should earn a minimum CGPA of 7.0 in 'THIRD' and 'FOURTH' semesters together and also students should not have any history of arrears from first semester.
- (iv) Eligibility for any student admitted under Clause 4.2 of this regulation to opt for the Minor degree is that, the student should earn a minimum CGPA of 7.0 in 'THIRD' and



'FOURTH' semesters together without any backlog arrears in third and fourth semesters.

- (v) A student shall register for a 'Minor' degree, from the V semester by registering basket of courses listed separately for minor in the curriculum of other B.E programmes. Evaluation and 'PASS' requirement of these courses is as per Clauses 15.3 and 15.17.
- (vi) In order to get a Minor Degree, a student shall successfully complete the basket of courses as prescribed in the curriculum of the Department offering the Minor Degree and earn 'EIGHTEEN' additional credits. Grades obtained in the basket of courses shall also be considered for computation of CGPA, along with the courses in the curriculum for the programme (mainstream).
- (vii) If the student decides to opt out of Minor Degree, after successful completion of certain number of course(s), these course(s) can be treated as equivalent to OE Course(s). In such case, the student shall be permitted to drop the equal number of OE course(s).
- (viii) If the student successfully completes more number of OE Course(s) over and above the courses prescribed in the curriculum, the courses with higher grades shall be considered for the computation of CGPA. Remaining courses shall be only printed on the grade sheet and grade obtained in these courses shall not be considered for computation of CGPA.
- (ix) 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.
- (x) Minor Degree shall be reflected in the degree certificate as "B. E. in XYZ Engineering with Minor in ABC", where 'XYZ' is the Major Discipline of study and 'ABC' is the Discipline in which Minor Degree is offered.

Note: (i) The students shall be permitted to opt for only either 'Honours' or 'Minor' Degree, during the programme.

- (ii) If a student successfully completes all the requirements of the programme and also meets the requirements of B. E (Honours) 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.

18. Grading of Courses

18.1 The grades and corresponding grade points are given in Table 16.

Table 16 - Grades and Grade Points

Grade	Description	Grade Points
S	Outstanding performance with respect to course learning objectives; exhibits original and creative thinking, and demonstrates the ability to analyze critically and synthesize information	10
A+	Excellent performance with respect to course learning objectives and creative thinking	9
A	Very Good achievement with respect to course learning objectives	8
B+	Good achievement with respect to course learning objectives	7
B	Above average achievement with respect to course learning objectives	6.5
C+	Average achievement with respect to course learning objectives	6
C	Satisfactory achievement	5
U	Re-appearance	0
SA	Shortage of Attendance	0
WC	Withdrawal of Course	0
WH	Withheld	0

18.2 Absolute grading system shall be followed for all category of courses. Range of marks for corresponding grades is presented in Table 17.

Table 17 - Range of marks for Grades

S	A+	A	B+	B	C+	C	U
91-100	81-90	71-80	66-70	61-65	56-60	50-55	<50

For SWAYAM/NPTEL courses alone, absolute grading system shall be followed and

corresponding range of marks for each grade is presented as given in Table 18.

Table 18 - Range of marks for grading of SWAYAM/ NPTEL courses

S	A+	A	B+	B	C+	C	U
91-100	81-90	71-80	61-70	51-60	46-50	40-45	<40

18.3 For the Co-curricular activities such as National Service Scheme (NSS) / SPORTS / YRC, a **satisfactory / not satisfactory grading** will appear in the mark sheet. A satisfactory grade in the above co-curricular activities is compulsory for the award of degree.

18.4 For the students who completed the Mandatory zero credit courses satisfying the attendance requirements, course title shall be featured in Grade Sheet along with grading as given in Table 19.

Table 19 - Range of Marks for grading of Mandatory Courses

Excellent (Ex)	Good (GD)	Satisfactory (SF)
91-100	71-90	51-70

19. Calculation of Grade point Average (GPA) & Cumulative Grade point Average (CGPA)

19.1 Two parameters, Grade Point Average (GPA) and Cumulative Grade Point Average (CGPA) are used to evaluate the academic performance of the student.

19.2 The GPA is the weighted average of the grade points obtained in all the courses registered by the student during the semester and is computed to two decimal places. For example, if a student passes five courses (Theory / Laboratory /LIT/ Project / Seminar etc.) in a semester with credits C_1, C_2, C_3, C_4 and C_5 and the students' grade points in these courses are g_1, g_2, g_3, g_4 and g_5 respectively, then GPA of the student is calculated as:

$$GPA = \frac{(C_1 \times g_1) + (C_2 \times g_2) + (C_3 \times g_3) + (C_4 \times g_4) + (C_5 \times g_5)}{(C_1 + C_2 + C_3 + C_4 + C_5)}$$

19.3 At the end of each semester, the student is given with a semester wise grade sheet. This is a consolidated list of courses registered and grades obtained in that particular



semester along with the appropriate GPA calculation.

- 19.4** The CGPA indicates the overall academic performance of a student and is computed to two decimal places in the same manner as the GPA, except that all the courses registered up to and including the latest completed semester. Grades obtained after successful completion of additional courses, that are not mandatory for minimum requirement for award of degree, shall not be considered for computation of CGPA. However, results of these courses will be printed only in the grade sheet.
- 19.5** For the students who have successfully completed the requirements of Honours Degree, grades obtained in the additional courses / Capstone Design project shall be taken into account for the computation of CGPA.
- 19.6** For the students who have successfully completed the requirements of Minor Degree, grades obtained in these additional courses shall be taken into account for the computation of CGPA.
- 19.7** If the student is absent for the registered course in the End Semester Examination(s) or Viva-Voce Examinations or absent for the assessments in case of courses evaluated only through continuous assessments, this absence shall be considered as an appearance for the purpose of classification of degree.
- 19.8** 'U', 'SA' and 'WC' grades will be excluded for calculating GPA and CGPA. These grades shall figure in the Grade Sheet as well as in the Result Sheet. In all cases, the student has to reappear for the End Semester Examinations.
- 19.9** If the grade "U" is given to Theory Courses/LIT/Laboratory Courses, it is not required to satisfy the attendance requirements, but has to reappear for the end semester examination in subsequent semesters and fulfill the passing requirements to earn a pass in the respective courses.
- 19.10** If the grade "U" is given to the courses, which are 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 to be satisfied.

19.11 'SA' denotes shortage of attendance and hence prevented from writing the end semester examinations. 'SA' will appear both in the Grade Sheet as well as in the Result. The student shall attend the classes and fulfil the attendance requirements as per Clause 10, earn continuous assessment marks and appear for the end semester examinations.

19.12 Individual Grade Sheet for each semester shall be issued through the Head of the Department concerned, after the publication of the results with following details.

- (i) The courses enrolled during the semester and their respective grades scored.
- (ii) Courses studied for Honors, Minors and any other additional courses in which the student has passed with the grades under the title additional courses, if any.

19.13 After successful completion of the courses as required for the award of degree, as per the curriculum, a consolidated grade sheet shall be printed and issued to all the students through respective Head of the Department.

19.14 The percentage of marks shall be printed in the consolidated grade sheet from the CGPA earned using,

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

20. Award of Degree

20.1 A student is deemed to have completed the requirements for the award of the degree, if the student has:

- ❖ Successfully completed all courses as per the respective curriculum of the discipline satisfying the minimum credit requirement and other academic requirements for the programme within the maximum specified duration of time.
- ❖ Successfully completed NCC/NSS/YRC/NSO requirements.
- ❖ No dues payable to the institution, Library, Hostels, etc.
- ❖ No disciplinary action pending against student.



20.2 Student, who fulfils the following criteria shall be declared to have successfully completed the degree programme with '**Honours**' and classified **under 'First Class with Distinction'**.

- (i) Should have passed the examination of all the courses prescribed in curriculum of the respective programme in the 'FIRST APPEARANCE' itself, within the prescribed duration as per Clauses 6.2 (i), 6.2 (ii), and 6.2 (iii) of this regulations.
- (ii) Should have passed all additional courses prescribed in curriculum of the respective programme, adhering to Clause 16 in the 'FIRST APPEARANCE' itself, within the prescribed duration as per Clauses 6.2 (i), 6.2 (ii), and 6.2 (iii) of this regulations.
- (iii) The student shall have secured a CGPA of atleast 8.50 in the criteria prescribed in Clause 20.2(i) and also CGPA of atleast 8.50 in the criteria prescribed in the Clause 20.2(ii).
- (iv) Should not have been prevented from appearing for any end semester examination(s), for the courses prescribed in the curriculum.

20.3 A student who fulfils the following criteria shall be declared to have successfully completed the degree programme as '**First class with Distinction**'.

- (i) Should have passed the examination of all the courses prescribed in curriculum of the respective programme in the 'FIRST APPEARANCE' itself, within the prescribed duration as per Clauses 6.2 (i), 6.2 (ii), and 6.2 (iii) of this regulations.
- (ii) Should have secured a CGPA of at least 8.50.
- (iii) Should not have been prevented from appearing for any end semester examination.
- (iv) Should have opted for Honours, not fulfilled the criteria for conferring Honours degree as per Clause 20.2 (iii) upon successful completion of additional courses under Honours vertical in the first appearance itself, but fulfilled the criteria prescribed in Clause 20.3 (i), Clause 20.3 (ii) and Clause 20.3 (iii) of this regulation.



- (v) Should have opted for Minor degree and secured CGPA of 8.5 without inclusion of additional SIX courses under MINOR vertical for computation of CGPA, but successfully completed all these SIX additional courses in the first appearance itself. In addition, student should full fill the criteria prescribed in Clause 20.3 (i), Clause 20.3 (ii) and Clause 20.3 (iii) of this regulation.

20.4 A student who fulfils the following criteria shall be declared to have successfully completed the degree programme as '**First class**'

- (i) Should have passed the examination of all the courses prescribed in curriculum of the respective programme, within the prescribed duration as per Clauses 6.2 (i), 6.2 (ii), and 6.2 (iii) of this regulations.
- (ii) However, students shall be permitted to complete all arrear courses in the immediately succeeding regular semester(s), and the maximum duration for the award of First Class shall therefore be extended to 'NINE' consecutive semesters for first-year admitted students and 'SEVEN' consecutive semesters for lateral entry students.
- (iii) Should have secured a CGPA of at least 6.50.
- (iv) Should not have been prevented from appearing for any end semester examination.

20.5 A student who fulfils the following criteria shall be declared to have successfully completed the degree programme as '**Second class**'

- A. (i) Should have passed the examination of all the courses prescribed in curriculum of the respective programme, within the prescribed duration as per Clauses 6.2 (i), 6.2 (ii), and 6.2 (iii) of this regulations.
- (ii) Should have secured a CGPA below 6.50.

(OR)

- B. Should have passed the examination of all the courses prescribed in curriculum of the respective programme, within the prescribed duration as per Clauses 6.2 (iv) and 6.2 (v) of this regulation.

20.6 A student who fulfils the criteria as prescribed in 'Minor Degree' as per Clause 17, shall be declared to have successfully completed the degree programme with '**Minor**' and shall be classified appropriately as per Clause 20.3 or Clause 20.4 or Clause 20.5.

21. 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 minimum duration prescribed as in Clause 6.2 (i) and (ii) 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 CGPA attained by the student from III semester to VIII semester end semester examinations. Students transferred from other Institutions to Government College of Engineering, Salem and lateral entry students are also eligible for rank.

22. Special Committee for Academic Matters

22.1 This committee is constituted for the smooth functioning of the various autonomous programmes of the institute and shall consist of the following members as given in Table 20.

Table 20 - Special Committee

Principal	Convener
All HoDs	Member(s)
Controller of Examinations	Member
Assistant Controller of Examinations	Member(s)

22.2 The Committee shall meet periodically to discuss addition/exemption of course(s) for lateral students, transferred students and readmitted students, if any change of academic regulations and curriculum, progress and status of the students and other academic related matters. The committee will meet as and when necessary and send its recommendations to the Academic Council for consideration / ratification / approval.



23. Disciplinary Proceedings

Students faced with disciplinary action for any serious offence (For example: ragging, misbehavior, etc.), the disciplinary committee of the Institute shall conduct a detailed inquiry within SEVEN working days from the date of cognizance of such incident(s). Disciplinary committee of the institute shall be constituted by the Head of the Institution consisting of following members;

- (i) Head of the Department of the student (s) concerned - Member 1
- (ii) Head of the Department from other department – 2 Members

Head of the Institution shall in turn forward the committee report with remarks to the Director, Centre for Student Affairs. If the recommendations of the committee suspension more than one week or debarring for a semester or issuance of Transfer Certificate, then Committee report shall be placed in the Students' Grievance Redressal committee of the University and appropriate disciplinary action shall be taken against the student, if charges are proved. Representation of the students shall be considered, in all the stages of the enquiry, before imposing any penalty to the student(s).

24. Academic Audit

24.1 The Controller of Examinations/IQAC shall initiate the academic audit process once in every semester, by inviting external expert(s) approved by the Principal of the Institution.

24.2 The Controller of Examinations/IQAC shall make the arrangements for the conduct of Academic Audit. Academic audit shall cover (not limited to):

(i) Internal Quality Assurance Cell (IQAC)

- a. Course delivery and adherence to the course plan, syllabus coverage, quality of question papers used for continuous assessments, practical assignments and conduct of practical classes and the evaluation.
- b. Co-curricular and extra-curricular activities available for students, the monitoring mechanism of activity points to be earned by the students.



- c. Academic functioning of the Institute encompassing students, faculty and administration covering punctuality, attendance, discipline, academic environment, learning ecosystem, academic achievements and benchmarking.
- d. The quality criteria prescribed by statutory bodies.

(ii) Controller of Examinations (COE)

- a. Quality and compliance of End Semester Examination question papers with the prescribed syllabus, Course Outcomes (COs), and question paper pattern.
- b. Scrutiny of End Semester Examination question papers by internal and external faculty before the conduct of examinations.
- c. Evaluation of answer scripts by both internal and external examiners as per the prescribed regulations.
- d. Conduct of Open Day, redressal of student grievances, and submission of the Open Day report.
- e. Adherence to the Academic Schedule for examination scheduling, valuation, result publication, and other examination-related activities in accordance with Anna University Academic Schedule.

24.3 Academic documents of UG programmes for a particular batch of students shall be kept for a period of 'FIVE' years after the end of programme duration.

24.4 Academic audit report and subsequent action taken in every academic year shall be placed in Academic Council meeting for continuous improvement towards the academic excellence.

25. 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 through the Academic council.
