PAAVAI ENGINEERING COLLEGE, NAMAKKAL – 637 018

(AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai

Accredited by `NAAC with "A" Grade)

REGULATIONS 2023

(CHOICE BASED CREDIT SYSTEM)

B.E./B.Tech. PROGRAMMES

(Approved in the 11th Academic Council Meeting 22-09-2023,

Amended in the 12th Academic Council Meeting 08-06-2024 &

Amended in the 13th Academic Council Meeting 25-01-2025)

(Applicable for the students admitted during the academic year 2023-2024 onwards)

NOTE: *The Regulations hereunder are subject to amendments based on the decisions made by the Academic Council of the College from time to time. Any or all such amendments will be effective from such date and to such batches of students (including those already undergoing the programme as per the decisions by the Academic Council).*

1.0   PRELIMINARY DEFINITIONS AND NOMENCLATURE

In these Regulations, unless the context otherwise requires:

I   **"Programme"** means Degree Programme,(i.e)B.E./B.Tech. Degree Programme offered by the college and approved by the University.

II   **"Discipline"** means specialization or branch of B.E./B.Tech. Degree Programme such as Civil Engineering, Computer Science and Engineering etc.

III   **"Course"** means a theory, practical and theory with laboratory courses that are normally studied in a semester such as Matrices and Calculus, Engineering Graphics, etc.

IV   **"University"** means ANNA UNIVERSITY, CHENNAI.

V   **"College"** means **Paavai Engineering College, Namakkal**, an Autonomous Institution affiliated to Anna University Chennai and approved by AICTE, New Delhi.

VI   **"Head of the Institution"** refers to the Principal of the college,

responsible for the academic administration of the college.

VII **"Dean Academics"** refers to the authority of the college, responsible for all the academic activities of the institution and the implementation of relevant rules of these Regulations pertaining to the academic programmes.

VIII **"Controller of Examinations"** refers to the authority, responsible for all the examination activities conducted by the institution under the autonomous scheme.

IX **"Head of the Department"** means the authority of the department concerned, responsible for all academic activities and administration of the department.

X **"Curriculum**" refers to the various components / courses studied in each and every programme that provides appropriate outcomes (knowledge, skills and attitude/behavior) in the chosen branch of study.

XI **"L-T-P-C"** refers to Lecture, Tutorial, Practical and Credits respectively.

XII **"Credit** "refers to the numerical weightage given to each and every course of study based on the depth of teaching – learning process of that course**.**

XIII **"Grade"** means the alphabet assigned to each course based on the range of marks secured by the student.

XIV "**Grade Point**" means a numerical value (0 to 10) assigned based on the grade secured.

XV **"Department Advisory Committee"** consists of the Principal, the Head of the Department, the senior faculty member(s), a member from an industry and the class coordinators of the departments concerned.

XVI **"Standing Committee"** consists of the Principal, the Dean Academics, the Controller of Examinations and all the Heads of Departments for the smooth functioning of the institution.

XVII **"Review Committee" (RC)** consists of a Supervisor, a senior faculty member and a project coordinator from the department. The review

committee shall review the progress of the project work, design thinking and evaluate Industrial training.

2.0 ADMISSION

2.1 Candidates seeking admission to the **first semester** of the eight semesters **B.E. / B.Tech. Degree Programme**

Should have passed the Higher Secondary Examinations of (10+2) Curriculum (Academic Stream) prescribed by the Government of Tamil Nadu with Mathematics, Physics and Chemistry as three of the four subjects of studies under Part-III or any examination of any other University or authority accepted by the Syndicate of Anna University as equivalent thereto.

(OR)

Should have passed the Higher Secondary Examination of Vocational stream (Vocational groups in Engineering / Technology) as prescribed by the Government of Tamil Nadu.

2.2 Lateral Entry Admission

(i) The candidates who possess the **Diploma in Engineering / Technology** awarded by the State Board of Technical Education, Tamil Nadu or its equivalent are eligible to apply for admission to the third semester of B.E. / B.Tech. Programmes under Lateral Entry Scheme (LES) as per the rules fixed by the Government of Tamil Nadu.
Such candidates, if needed shall undergo two/three bridge courses in Humanities and Social Sciences (HS), Basic Sciences (BS) and Engineering Sciences (ES) either in the third or fourth semester of their period of study.

(OR)

(ii) The candidates who possess the **Degree in Science** (B.Sc.,) (10+2+3 stream) with Mathematics as a subject at the B.Sc. level are eligible to apply for admission to the third semester of B.E./ B.Tech. Programmes

under Lateral Entry Scheme (LES). Such candidates shall undergo two/three additional engineering subjects in the third and fourth semester of the period of study as prescribed by the college.

3.0 PROGRAMMES OFFERED

A student may be offered admission to any one of the programme(s) in any one of the branch of study in the college approved by AICTE and affiliated to Anna University, Chennai as specified in Clause 2.1 and as per the eligibility criteria of DoTE for the candidates under Clause 2.2. A student who had chosen a programme of study should earn the total minimum credits specified to enable him/her to be eligible for the award of degree. Normally it is recommended that the total range of credits for the B.E./B.Tech. Programmes shall be fixed between 165-170 credits. In case of students admitted to the B.E/B.Tech. Programme under Lateral Entry Scheme, the credit range shall be fixed between 125-130 credits.

S.No.	Degree	Branch of Study
1.	B.E.	Aeronautical Engineering
2.	B.E.	Biomedical Engineering
3.	B.E.	Civil Engineering
4.	B.E.	Computer Science and Engineering
5.	B.E.	Computer Science and Engineering (Artificial Intelligence and Machine Learning)
6.	B.E.	Computer Science and Engineering (Internet of Things)
7.	B.E.	Cyber Security
8.	B.E.	Electronics and Communication Engineering
9.	B.E.	Electrical and Electronics Engineering
10.	B.E.	Mechanical Engineering
11.	B.E.	Mechatronics Engineering
12.	B.E.	Robotics and Automation

13.	B.Tech.	Agricultural Engineering
14.	B.Tech.	Artificial Intelligence and Data Science
15.	B.Tech.	Biotechnology
16.	B.Tech.	Chemical Engineering
17.	B.Tech.	Food Technology
18.	B.Tech.	Information Technology
19.	B.Tech.	Pharmaceutical Technology

4.0 DURATION OF THE PROGRAMME

4.1 A student is ordinarily expected to complete the B.E. /B.Tech. Programme in 8 semesters (four academic years) and six semesters (for the Lateral Entry students) but in any case not more than 14 semesters **(seven academic years)** for HSC (or equivalent) student and not more than 12 semesters **(six academic years)** for the Lateral Entry students as per the university guidelines.

4.2 Each semester shall normally consists of 90 working days including continuous assessment test period or 450 periods with each period of 50 minutes duration or the number of periods specified in the curriculum with each period of 50 minutes duration. The Head of the Institution shall ensure that every faculty member delivers the full content of the specified syllabus in the scheduled duration.

4.3 The Head of the department may advise / instruct the concerned faculty members to conduct additional classes for improvement, special and remedial coaching, conduct of model test etc., over and above the specified periods. But, for the purpose of calculation of attendance requirement for writing the End Semester Examinations by the students, the attendance requirement as per Clause 7 should be followed.

4.4 The End Semester Examinations will follow immediately after the last working day of the semester as per the academic schedule prescribed by the college from time to time.

4.5 The total duration for completion of the programme reckoned from the commencement of the first semester to which the student was admitted shall not exceed the maximum duration specified in Clause 4.1 irrespective of the period of break of study (vide Clause 18.4) or prevention from writing the End Semester Examinations due to shortage of attendance (vide Clause 7.3) in order that he/she may be eligible for the award of the degree (vide Clause 15.2).

5.0 STRUCTURE OF THE PROGRAMMES

The curriculum, syllabi and course contents under Regulations 2023 are designed and prepared in accordance with the Outcome Based Education (OBE) to meet out the Program Educational Objectives (PEOs), the Program Outcomes (POs), the Programme Specific Outcomes (PSOs) and the Course Outcomes (COs).

5.1 Every Programme will have a curriculum with syllabi consisting of theory practical and theory with laboratory courses (as decided by the respective Board of Studies) categorized as follows:

5.1.1 **Humanities, Social Sciences and Management (HS)** courses include English Communication, Humanities and Management etc.

5.1.2 **Basic Sciences (BS)** courses include Mathematics, Physics, Chemistry and Biology etc.

5.1.3 **Engineering Sciences (ES)** courses include Engineering Practices, Engineering Graphics, Basics of Electrical / Mechanical / Computer etc.

5.1.4 **Professional Core Courses (PC)** include the core courses relevant to the chosen branch of study.

5.1.5 **Professional Elective Courses (PE)** include the courses relevant to the chosen branch offered and registered by the student for specialization.

5.1.6 **Open Elective Courses (OE)** include the courses offered by any engineering / science departments of the college. The student is permitted to choose and register these courses from the list of courses offered by the different departments. The candidate has to study two courses offered by other departments as open elective courses during the sixth and seventh semester of his/her degree programme. The open elective courses should not have any pre-requisite courses.

5.1.7 **Employability Enhancement Courses (EE)** include courses such as Design Thinking, Project, Professional Development and Industrial Training.

5.1.8 **Mandatory Courses (MC)** include Human Values and Gender Equality, Environmental Science and Engineering and Induction Programme. The credit weightage for such courses are of "0".

5.1.9 **Induction Programme (IP)** is a two week mandatory induction programme comprising of physical activity, creative arts, universal human values, proficiency modules, lectures by eminent people, visits to local areas and familiarization to department/branch and innovations. The students immediately after admission should undergo the induction programme which enables him/her to familiarize with the new environment of the college and to build relationship between the faculty member and a student.

5.2 B.E/B.Tech.(Honours) or B.E./B.Tech.(Honours with specialization) in the same discipline or B.E/B.Tech. Minor with specialization in other disciplines

In addition to the regular B.E./B.Tech. Programme(s), the eligible candidates shall also opt for B.E./B.Tech.(Honours) degree or

B.E./B.Tech.(Honours) degree with specialization in the same discipline or B.E./B.Tech.(Minor) degree with specialization in other disciplines.

The blend of all the above different courses shall be framed in such a manner, that the candidate at the end of the degree programme, shall be trained not only in his/her relevant specialization, but also in other specialized domains.

5.2.1 **Eligibility Criteria:**

B.E/B.Tech.(Honours)

The students shall be permitted to register and earn additionally a minimum of 18 credits from more than one vertical of the same programme from fifth semester onwards, provided the CGPA earned by the students until third semester should be 7.50 and above (in case of lateral entry students, the CGPA earned by the students in third semester should be 7.50 and above) and should have passed all the courses in the first attempt itself.

The students shall be permitted to earn a maximum of 6 credits through online mode (SWAYAM platform).

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

If the student has studied more number of such courses than the number of Professional Elective courses required as per the curriculum, the courses with higher grades shall be considered for the calculation of CGPA.

The remaining courses shall be printed in the mark sheet, however, they will not be considered for calculation of CGPA.

B.E/B.Tech.(Honours) with specialization in the same discipline

The students shall be permitted to register and earn additionally a minimum of 18 credits from one vertical of the same programme from fifth semester onwards, provided the CGPA earned by the students until third semester should be 7.50 and above (in case of lateral entry students, the CGPA earned by the students in third semester should be 7.50 and above) and should have passed all the courses in the first attempt itself.

The students shall be permitted to earn a maximum of 6 credits through online mode (SWAYAM platform).

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

If the student has studied more number of such courses, than the number of Professional Elective courses required as per the curriculum, the courses with higher grades shall be considered for the calculation of CGPA.

The remaining courses shall be printed in the mark sheet, however, they will not be considered for calculation of CGPA.

B.E./B.Tech. (Minor in other specialisation)

The students shall be permitted to register and earn additionally a minimum of 18 credits from the minor courses offered by the other B.E./B.Tech. Programme(s) from fifth semester onwards, provided the CGPA earned by the students until third semester should be 7.50 and above (in case of lateral entry students, the CGPA earned by the students in third semester should be 7.50 and above).

The students shall be permitted to earn a maximum of 6 credits through online mode (SWAYAM platform).

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

If the student has studied more number of such courses, than the number of Open Elective courses required as per the curriculum, the courses with higher grades shall be considered for the calculation of CGPA.

The remaining courses shall be printed in the mark sheet, however, they will not be considered for calculation of CGPA.

5.3 Courses per Semester

The curriculum for each semester shall normally has a blend of theory courses not exceeding 6, the practical courses not exceeding 4 and the theory with laboratory courses not exceeding 5. However, the total number of courses per semester shall not exceed 10. The maximum number of credits assigned per semester, shall not exceed 25, excluding one credit, on-line and reappearance courses.

5.4 Credit Assignment

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

Contact period per week	Credits
1 Lecture Period	1
1 Tutorial Period	1
1 Practical Period (Laboratory / Seminar /Project Work/Design Thinking etc.)	0.5
2 Weeks or 40-45 Hours of Industrial Training / Internship	1

5.5 Industrial Training

The students may undergo Industrial Training for a period as specified in the curriculum during the summer vacation of fourth semester. In this

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case, the training has to be undergone continuously for the entire period as specified in the curriculum. The students may undergo Industrial training at a Research organization / University / industry of State/National and International level (after due approval from the Head of the Institution) for the period prescribed in the curriculum during the summer vacation.

In lieu of Industrial training, students may be permitted to travel to the International Universities with the approval of Principal, the Head of the Department for Industrial training. The credits are awarded as per AICTE's Internship policy i.e. 40-45 hours of internship work merits 1 credit.

On the successful completion of the Industrial Training during the summer vacation of fourth semester, the student has to submit the report on the Industrial Training undergone.

MoU with foreign universities

To provide international exposure to the students, the MoUs are signed by Paavai Engineering College with the foreign universities. Students can utilize the opportunity of undergoing industrial training/Internship in foreign universities and shall transfer the credits of industrial training/Internship done for exemption of open elective or professional elective courses. Such industrial training/Internship undergone and used for exemption of open elective or professional elective courses, shall not be specified as in the part of curriculum.

5.6 Online Courses

5.6.1 The students may be permitted to undergo a maximum of three online courses from SWAYAM/NPTEL (which are provided with certificate after examination) of each 3 credits weightage between fourth and seventh semester of their period of study, provided the student has fulfilled the necessary pre-requisites of the course undergone. Such online courses shall be undergone for a minimum of 12 weeks duration and listed in the curriculum as professional

electives. The respective Board of Studies shall approve such online courses for exemption from studying the professional elective courses

5.6.2 After the successful completion of a maximum of three online courses, the students may be exempted from studying a maximum of three professional elective courses listed in the curriculum and in such case, the marks obtained in the respective online course shall be converted to equivalent grade and included for calculation of Cumulative Grade Point Average (CGPA). The Syllabus Review Committee shall submit the necessary equivalent grades for the range of marks obtained in the online courses to the respective Board of Studies for approval and then to the office of the Controller of Examinations.

5.7 Design Thinking Courses

Design thinking courses are part of the curriculum and to be undergone during the sixth semester of the degree programme. The students are made to gain the understanding of the problem they are trying to solve in their field of specialization, accumulate, analyze and synthesize the information's gathered, generate ideas for the innovative solutions and develop prototype models for the problems identified.

5.8 Industrial Visit

Every student is expected to undergo one industrial visit every year starting from the second year of the programme, subject to the approval of the Head of the department and the Principal. The Head of the department shall ensure that necessary arrangements are made in this regard.

5.9 Industry Oriented Courses (IC)

The industry oriented courses are optional. These courses offered by the industry, shall be opted from fifth semester to seventh semester relevant to the specialization of their study. The students can opt maximum of six

credits, each course of three credit weightage. The syllabus shall be approved by the respective Board of Studies. The courses shall be theory, practical and theory with laboratory mode. The duration and evaluation pattern of the courses shall be, as per the Regulations followed. In such cases, the student shall be exempted from the equivalent professional elective courses offered in the respective semester of the curriculum with the approval from the Syllabus Review Committee, and the same shall be forwarded to the office of the Controller of Examinations within one week of the commencement of the classes. The credits earned by the students for industry oriented courses, and not opted for exemption, shall be considered as additional credits earned in the grade sheet.

5.10 Value Added Courses

The value added courses are optional. It is offered from the first semester onwards. A student can opt for maximum of six courses, each course of 1 or 2 or 3 credits (maximum of 6 credits). Those courses offered should not be a course listed in the curriculum of the programme and shall be over and above the topics covered in the curriculum. The credits earned through the Value Added Courses shall be over and above the total credit requirement prescribed in the curriculum for the award of the degree.

COURSE STRUCTURE

The courses with one/two/ three credits shall be offered by a Department with the prior approval from Dean Academics of the college. The syllabus of the value added course along with the schedule for the conduct of the value added course should be communicated to the Dean Academics prior to the commencement of the course. The syllabus (minimum 30 hours), schedule and the details of faculty handling the course should be approved by the Head of Institution. Students shall be allowed to take these courses offered in other Departments also, but with the permission of the concerned Head of the Departments and the Head of the Institution. The value added courses may also be conducted during weekends/vacation period. Industry experts / eminent academicians from other Institutes /

parent institutions are eligible to offer the value added courses. The course shall be offered only if there are at least 20 students opting for it. If there are less than 20 students opted, the concerned Head of the Department should approve the course.

Assessment

The value added course shall carry 100 marks and shall be evaluated through internal assessments only. Two assessments shall be conducted preferably one in the middle and the other at the end of the course by the concerned department. The total marks obtained in the tests shall be converted to 100 marks and rounded to the nearest integer. The passing requirement for the value added courses shall be 50% of the total marks prescribed and should have 75% of attendance. Those students who satisfy the above norms are eligible to get a certificate. The value added courses shall be printed in the grade sheet, whereas the grades obtained in the value added courses shall not be computed for CGPA calculation.

5.11 Fast Track Mode

Fast Track Mode is available to the students to undergo a semester-long internship or special training in industry or project work in department/industry.

A student who secures a minimum CGPA of 8.00 till the fifth semester (first semester to fifth semester for regular category / third semester to fifth semester for Lateral Entry Scheme) and with no standing arrears as on date, shall be eligible to opt for Fast Track Mode and should maintain the CGPA, minimum of 8.00 till the sixth semester without any arrears.

Such student is required to complete the courses available in the eighth semester except project work satisfactorily in the earlier semesters (maximum one per semester or evenly distributed in the sixth semester and seventh semester) as additional courses within the completion of

seventh semester, provided that the prerequisite of the courses should be fulfilled.

Every student shall be required to carry out the project work in the department / industry or by exercising Fast Track Mode during eighth semester on a full time basis in consultation with the faculty guide and submit the project report, in the prescribed format, at the end of the eighth semester for the valuation.

5.12 Medium of Instruction

The medium of instruction is English for all the courses, examinations, seminar presentations and project / thesis / dissertation reports except for the courses on language other than English.

6.0 COURSE REGISTRATION

6.1 Each student, on admission shall be assigned to a Class Coordinator (vide Clause 8) who shall advise / counsel the student about the details of the academic programme and the choice of courses considering the student's academic background and career objectives.

6.2 Every student has to register for all the courses in the curriculum to be undergone of a particular semester with the facility to drop courses to a maximum of six credits per semester (vide clause 6.4.2).

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

6.3.1 No course shall be offered by a department unless a minimum of 20 students are registered for that course. However, if the student admitted is less than 30, this minimum criterion shall not be applicable.

6.3.2 The maximum number of credits that can be registered in a semester is 36. However, this does not include the number of

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Reappearance (U) and Withdrawal (W) courses registered by the student for the appearance of the examinations.

6.4 Flexibility to Add or Drop courses

6.4.1 A student has to earn the minimum total number of credits specified in the curriculum of the respective programme of study in order to be eligible to obtain the degree. However, if the student wishes, he/she will be permitted to earn more than the total number of credits prescribed for the semester in the curriculum by opting for additional courses.

6.4.2 From third to eighth semester (from fourth to eighth semester in the case of lateral entry students), the student has the option to register for the additional courses provided that the prerequisite of the courses, should be fulfilled or by dropping the elective courses. The total number of credits of such courses should not exceed 6 credits per semester. However, the maximum number of credits that a student can register in a particular semester shall not exceed 36 credits. In such cases, the attendance requirement as stated in Clause 7 is mandatory.

6.4.3 The student shall register for the project work only in the eighth semester.

6.5 Reappearance Registration

6.5.1 If a student fails in a course, the student shall do reappearance registration for that course in the subsequent semester. The registration of reappearance courses in the subsequent semester is mandatory.

6.5.2 If a student fails in a professional elective or an open elective course, and opts for any other professional elective or open elective course, the previous registration will be cancelled and henceforth it will be considered as a new professional elective or open elective course. The student has to register and attend the classes, earn the

continuous assessment marks, fulfil the attendance requirements as per the Clause 7 and appear for the End Semester Examinations.

If a student is prevented from writing the End Semester Examination for the course(s) available in that semester due to lack of attendance, the student has to re-register for that course again, when offered next, attend the classes and fulfill the attendance requirements as per Clause 7. If the course, in which the student has 'lack of attendance', either in the professional elective or open elective, the student may register for the same or any other professional elective or open elective course(s) respectively in the subsequent semesters and appear for examination as per Clause 7.

7.0   REQUIREMENTS FOR ATTENDANCE

7.1   Eligibility Norms

A student who has fulfilled the following conditions, shall be deemed to have satisfied the attendance requirements for completion of a semester. Ideally, every student is expected to attend all the classes and secure 100% attendance for the specified hours. However, the student should **secure not less than 75%** (after rounding off to the nearest integer) of overall attendance for the prescribed hours.

The student's academic progress should be satisfactory in each and every semester and is ascertained through the appearance and performance in the Continuous Internal Assessment Tests.

The student's character / conduct should be satisfactory.

7.2   However, a student who **secures overall attendance between 65% and 74.9%** in the current semester for the prescribed hours due to medical reasons (prolonged hospitalization/accident/specific illness) /participation in sports events may be permitted to appear for the current semester examinations during the period of study. In such case, the student shall submit the medical certificate/sports participation certificate attested by the Head of Department and approved by the Principal during

the period of medical leave and in advance for participation in sports. The same shall be forwarded to the Controller of Examinations for record purposes.

7.3 Students who **secure less than 65% overall attendance and who do not satisfy the Clause 7.1 and 7.2** shall not be permitted to write the End Semester Examinations at the end of the semester and to move to the next semester. They are required to repeat the incomplete semester in the next academic year, as per the norms prescribed by the Directorate of Technical Education, Chennai and Anna University, Chennai. The student will however be readmitted not more than once during the period of study. However, under specific circumstances, second readmission is permitted for the students on valid medical reasons.

8.0 CLASS COORDINATOR

The class coordinator will be one among the faculty members who are handling the respective classes. He / She will be appointed by the concerned Head of the Department. The responsibilities for the class coordinator shall be:

➢ To act as the channel of communication between the Head of the Department and the students of the respective class.

➢ To collect and maintain various academic and non-academic records of students.

➢ To collect and maintain various statistical details of students.

➢ To help the chairperson of the class committee in planning and conducting the class committee meetings.

➢ To monitor the academic performance of the students including attendance periodically and to inform the Head of the Department and the parents about the student's progress.

➢ To attend the students welfare activities such as awards, medals, scholarships and industrial visits.

9.0   CLASS COMMITTEE

9.1   Every class shall have a class committee consisting of a chairperson who is the senior faculty of the department and not teaching that class, the faculty members of the class concerned, student representatives. The overall goal of the class committee is to improve the teaching-learning process. The functions of the class committee include:

➢ Solving problems encountered by students in the classroom and in the laboratories.

➢ Clarifying the Regulations of the degree programme on the notice board and explaining the details of the rules particularly clause 5, 6 and 7.

➢ Informing the student representatives about the academic schedule including the dates of assessments and the syllabus coverage for each assessment.

➢ Informing the student representatives about the details of Regulations regarding mark details of each assessment. In the case of practical courses, 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 solving problems, if any.

➢ Identifying the slow learning students, if any, and requesting the concerned faculty members to provide some additional help or guidance or coaching to such slow learners.

9.2   The class committee for a class under a particular branch, is normally constituted by the Head of the Department. However, if the students of different branches are mixed in a class (like the first semester which is generally common to all branches), the class committee is to be constituted by the Head of the Institution.

9.3 The class committee shall be constituted within the first week of each semester.

9.4 At least 6 student representatives (usually 3 boys and 3 girls) shall be included in the class committee.

9.5 The Chairperson of the class committee may invite the Class coordinator(s) and the Head of the Department to the class committee meeting.

9.6 The Head of the Institution may participate in any class committee meeting of the class.

9.7 The Chairperson is required to prepare the minutes of every meeting, submit the same to the Head of the Department within two days of the meeting and circulate it among the students and concerned faculty members; a copy of the minutes of meeting should be submitted to the Head of the Institution. If there are some points in the minutes requiring remedial action to be taken by the management, the same shall be brought to the notice of the management by the Head of the Institution for further action.

9.8 The first meeting of the class committee shall be held within one week from the date of commencement of the semester, in order to inform the students about the nature and assessment process within the framework of the Regulations. Three subsequent meetings may be held in a semester at suitable intervals. During these meetings, the students representing the entire class, shall meaningfully interact and express the opinions and suggestions of other students of the class in order to improve the effectiveness of the teaching-learning process.

10.0 COURSE COMMITTEE FOR COMMON COURSES

Each common theory course offered to more than one discipline or group shall have a "Course Committee" comprising of all the faculty members teaching the common course with one of them nominated as course coordinator. The nomination of the course coordinator shall be made by the Head of the Department / Head of the Institution depending upon

whether all the faculty members teaching the common course belong to a single department or different 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. Wherever feasible, the course committee may also prepare a common question paper for the internal assessment test(s).

11.0 SYSTEM OF EVALUATION

11.1 Performance in each course of study shall be evaluated based on

(i) Continuous Internal Assessment and

(ii) End Semester Examinations at the end of the semester.

11.2 Each theory course including mandatory courses shall be evaluated for a maximum of 100 marks with **40 marks** as internal marks based on the Continuous Internal Assessment and **60 marks** as external marks based on the End Semester Examinations. Similarly, each practical course (including Project Work & Viva Voce Examination) shall be evaluated for a maximum of 100 marks with **60 marks** as internal marks based on the Continuous Internal Assessment and **40 marks** as external marks based on the End Semester Examinations.

The End Semester Examinations for the Theory with Laboratory Course shall be evaluated for a maximum of 100 marks with **50 marks** as internal marks based on the Continuous Internal Assessment and **50 marks** as external marks based on the End Semester Examinations.

11.3 The End Semester Examinations (theory and practical) of 3 hours duration shall ordinarily be conducted between October and December during the odd semester and between April and June during the even semester.

11.4 The End Semester Examinations for Design Thinking, Mini Project, Design project and Project Work shall consist of evaluation of the final report submitted by the student or the students of the project group (of not exceeding 3 students) by an external examiner and an internal examiner,

followed by a viva-voce examination conducted separately for each student by a committee consisting of an external examiner and an internal examiner.

11.5 For the End Semester Examinations in both theory and practical courses including project work, the internal and external examiners shall be appointed by the Controller of Examinations.

12.0 ASSESSMENT SCHEME

12.1 Theory & Practical Courses

Theory Courses		Practical Courses	
Continuous Internal Assessment (CIA)	40 Marks	Continuous Internal Assessment (CIA)	60 Marks
End Semester Examinations	60 Marks	End Semester Examinations	40 Marks
Total	100 Marks	Total	100 Marks
Internal Assessment		**Internal Assessment**	
Continuous Internal Assessment Test 1	7.5 Marks	Preparation & Conduct of Experiment	20
Continuous Internal Assessment Test 2	7.5 Marks	Observation & Results	10
Continuous Internal Assessment Test 3	10 Marks	Record	05
Formative Assessments 1. Seminar presentation 2. Scheduled Test 3. Open Book Test 4. Moodle Assignments 5. Quiz	15 Marks	Viva	05
The course instructor has to choose 3 assessment methods from the given options for their respective theory course and maximum mark for each assessment is 5 marks.		40 Marks for each experiment as specified above will be averaged as the Internal Assessment Marks **40 Marks**	
		Model Practical Examinations	20 Marks
Total	**40 Marks**	**Total**	**60 Marks**
End Semester Examination		**End Semester Examination**	
Examination Duration : 3 Hours **Max. Marks : 100** **(Converted to 60 marks)**		**Examination Duration : 3 Hours** **Max. Marks : 100** **(Converted to 40 marks)**	

12.2 Theory with Laboratory Courses

Theory with Laboratory Course	
End Semester Examinations (Converted to 50 marks)	**Continuous Internal Assessment (Marks : 50)**
Theory Component & Practical component Examination Duration : 3 Hours Max. Marks : 100	Continuous Internal Assessment Test 1 - (Theory) - 10 Marks
	Continuous Internal Assessment Test 2- (Theory) - 10 Marks
	Averaged Practical Assessment Marks - 15 Marks
	Model Practical Examinations – 10 Marks
	Formative Assessments – 5 Marks 1. Seminar presentation 2. Scheduled Test 3. Open Book Test 4. Moodle Assignments 5. Quiz *The course instructor has to choose any 1 assessment method from the given options for their theory with laboratory course.*

12.3 Mandatory Courses

Mandatory Courses such as Human Values and Gender Equality, and Environmental Science and Engineering are of Zero credit weightage. The assessment and evaluation pattern shall be considered of purely **INTERNAL MODE.**

Mandatory Course	
Continuous Internal Assessment (CIA)	100 Marks
End Semester Examinations	-
Total	100 Marks
Internal Assessment	
Continuous Internal Assessment Test 1	100 Marks
Continuous Internal Assessment Test 2	100 Marks
The average of both the CIA test marks out of 200 marks will be considered for result.	

12.4 Industrial Training

Industrial Training which is the part of the curriculum and undergone during the fourth semester of the degree programme shall be evaluated in the subsequent fifth semester through internal assessment only and carry 100 marks. At the end of Industrial Training, the candidate shall submit a report along with the certificate obtained from the organization where he / she had undergone industrial training. The evaluation shall be made based on the report submitted along with the presentation and a Viva voce Examination, conducted internally by a three member Review Committee constituted by the Head of the Institution. The certificates (issued by the organization) submitted by the students along with the marks obtained by the students based on the evaluation shall be sent to the Controller of Examinations by the Head of the Institution. The marks shall be awarded to each student based on the individual performance.

Industrial Training report	Review Committee	20 Marks
	Faculty Mentor	20 Marks
Presentation	Review Committee	15 Marks
	Faculty Mentor	15 Marks
Viva Voce	Review Committee	15 Marks
	Faculty Mentor	15 Marks
Total		100 Marks

12.5 Design Thinking Courses

12.5.1 The student's ideation group may be a single student or a group of students not exceeding 3 per group and a faculty member shall be appointed as mentor by the Head of the Department.

12.5.2 The Head of the Institution shall constitute a Review committee for the evaluation of the design thinking courses for each branch of study. There shall be three reviews during the semester by the review committee along with the mentor. The student shall give presentation on the progress made by him/her before the committee. The ideation report prepared according to the approved

guidelines shall be submitted to the Head of the Department. The total marks obtained in the three reviews and the marks for the ideation evaluation shall be **converted as Continuous Internal Assessment Marks (60 marks)** and rounded to the nearest integer. The marks shall be awarded to every student based on the individual performance within the ideation group for the ideation report.

Review I (10 Marks)	Review Committee	5 Marks
	Faculty Mentor	5 Marks
Review II (20 Marks)	Review Committee	10 Marks
	Faculty Mentor	10 Marks
Review III (30 Marks)	Review Committee	15 Marks
	Faculty Mentor	15 Marks
Ideation Evaluation (40 Marks)	Review Committee	20 Marks
	Faculty Mentor	20 Marks
	Total	100 Marks

12.5.3 The End Semester Viva Voce Examination shall carry 100 marks. Marks are awarded to each student of the ideation group based on the individual performance in the Viva-Voce examination and **converted as external End Semester Examination marks (40 marks)** and rounded to the nearest integer. The evaluation marks for the project report shall be same for all the students of the ideation group.

End Semester Examinations				
Report Evaluation (60)		Viva-Voce (40)		Total Marks
Internal	External	Internal	External	
30	30	20	20	100

12.5.4 If a student fails to submit the ideation report on or before the submission date, he/she will be deemed to have failed in the course and shall re-enroll for the same in the subsequent semester.

12.5.5 If a candidate fails to secure 50% of the Continuous Internal Assessment marks in the course, he / she shall not be permitted to submit the report for that particular semester and shall have to reappear in the subsequent semester and to fulfill the course requirements.

12.6 Tamil Courses

	Assessment Pattern	
Tamil	Continuous Internal Assessment (CIA)	40 Marks
	End Semester Examinations	60 Marks
	Total	100 Marks
	Continuous Internal Assessment	
	Continuous Internal Assessment Test 1	15 Marks
	Continuous Internal Assessment Test 2	15 Marks
	Formative Assessments – 10 Marks 1. Seminar presentation 2. Scheduled Test 3. Open Book Test 4. Moodle Assignments 5. Quiz *The course instructor has to choose any 2 assessment method from the given options for their respective integrated theory and practical course.*	
	Total	40 Marks
	End Semester Examinations	
	Examination Duration : 3 Hours Max. Marks : 100 (Converted to 60 marks)	

12.7 Online Courses (MOOC)

On successful completion of any 3 credits MOOC courses, the student shall submit the digitally signed / verified certificate (after examination) to the Head of the department. The grade equivalence shall be approved by the respective Board of Studies and the same shall be forwarded to the Controller of Examinations.

12.8 Mini project/Project Work / Project Work (Phase I)/(Phase II)

Project work may be allotted to a single student or to a group of students not exceeding three per group. The eight semester project work may or may not be a continuation of seventh semester project work. If the eighth semester project work is not a continuation of the seventh semester project work, then the topic and the constitution of the project team members need not be the same.

The project work may be carried out in industry/academic institute of repute/research institutions. In such cases the project work shall be jointly supervised by a supervisor of the department and an expert as a joint supervisor from the organization. The students shall be instructed to meet the supervisor periodically and to attend the review committee meetings for evaluating the progress.

Project Work II shall be registered only after successful completion of Project Work I by the students

12.8.1 The Head of the Institution shall constitute a Review committee for project work for each branch of study. There shall be three reviews during the semester by the Review committee. The student shall make presentation on the progress made by him / her before the committee. The project report shall be submitted as per the approved guidelines of Anna University, Chennai. The total marks obtained in the three reviews and the marks for the project evaluation shall be **converted as Continuous Internal Assessment Marks (60 marks)** and rounded to the nearest

integer. The marks shall be awarded to every student based on the individual performance within the project group.

Review I (10 Marks)	Review Committee	5 Marks
	Supervisor	5 Marks
Review II (20 Marks)	Review Committee	10 Marks
	Supervisor	10 Marks
Review III (30 Marks)	Review Committee	15 Marks
	Supervisor	15 Marks
Project Evaluation	Review Committee	20 Marks
	Supervisor	20 Marks
	Total	100 Marks

12.8.2 The End Semester Viva Voce Examination shall carry 100 marks. The marks are awarded to each student of the project group based on the individual performance in the Viva-Voce examination and **converted as external End Semester Examination marks (40 marks)** and rounded to the nearest integer. The evaluation marks for the project report shall be same for all the students of the project group.

End Semester Examinations				
Report Evaluation (60)		**Viva-Voce (40)**		**Total Marks**
Internal	**External**	**Internal**	**External**	
30	30	20	20	100

12.8.3 If a student fails to submit the project report on or before the submission date, he/she will be deemed to have failed in the Project Work and shall re-enroll for the same in the subsequent semester.

12.8.4 If a candidate fails to secure 50% of the Continuous Internal Assessment marks in the project work, he / she shall not be permitted to submit the report for that particular semester and shall

have to reappear in the subsequent semester and satisfy the project work requirements.

12.8.5 The reviews may be conducted in online mode, if the student cannot travel to college to attend the reviews and this shall be approved by concerned Head of the Institution and the Head of the Department and such reviews have to be recorded.

12.9 Internal marks approved by the Head of the Institution shall be displayed in the notice board by the respective Head of the departments within 5 days from the last working day.

12.10 Attendance Record

Every teacher is required to maintain an 'ATTENDANCE AND ASSESSMENT RECORD' which consists of attendance marked in each lecture or practical or project work class, the test marks and the record of class work (topics covered), separately for each course. This should be submitted to the Head of the Department periodically (15 days once to a maximum of 5 times per semester) for checking the syllabus coverage and the records of test marks and attendance. The Head of the Department will sign with date after due verification. At the end of the semester, the record should be verified by the Head of the Institution and submitted to the Controller of Examinations who will keep this document in safe custody (for five years). The inspection team appointed by the College / University may verify the records of attendance and assessment of both current and previous semesters.

12.11 Malpractice

If a student indulges in malpractice in any of the End Semester / Continuous Internal Assessment tests, he / she shall be liable for punitive action as prescribed by the university from time to time.

13.0 REQUIREMENTS FOR APPEARING AND PASSING THE EXAMINATIONS

13.1 APPEARING REQUIREMENTS

13.1.1 A student shall normally be permitted to appear for the End Semester Examinations of the current semester if he/she satisfies the semester completion requirements (subject to Clause 7) and registers for examination in all courses of the semester.

13.1.2 Registration is mandatory for current semester examinations as well as arrear examinations failing which the students will not be permitted to move to the higher semesters.

13.1.3 A student who has already appeared for any course in a semester and passed the examination is not entitled to reappear in the same course for improvement of grades.

13.2 PASSING REQUIREMENTS

13.2.1 A student who secures not less than 50% of total marks prescribed for the course [Internal Assessment + End Semester Examinations] with a minimum of 45% of the marks prescribed for the End Semester Examinations, shall be declared to have passed the course and acquired the relevant number of credits. This is applicable for both theory and practical courses (including project work).

13.2.2 If a student fails to secure a pass in a particular course, it is mandatory that he/she shall regis   ter and reappear for the examination in that course during the subsequent semester when examination is conducted in that course; he/she should continue to register and reappear for the examinations in the failed subjects till he/she secures a pass.

13.2.3 The internal assessment marks obtained by the student in the first appearance shall be retained and considered valid for all subsequent registration for the courses till the student secures a pass. However, from the third registration onwards if a student fails to obtain pass marks (Internal Assessment + End Semester Examination) as per clause 13.2.1, then the student shall be declared to have passed the

examination if he/she secures a minimum of 50% marks prescribed for end semester examination alone.

13.2.4 The passing requirement is essential for completing mandatory courses which are assessed by internal assessments.

13.2.5 If a student is absent during the viva - voce examination, it would be considered as fail. If a student fails to secure a pass in Project Work-I, the student shall register for the course again in the subsequent semester and can do Project Work-I and II together.

14.0 AWARD OF GRADES

The award of letter grades will be decided using relative grading principle except laboratory and project related courses. However, for the purpose of reporting the performance of a student, letter grades, each carrying certain number of points, will be awarded as per the range of total marks (out of 100) obtained by the student in each course as detailed below:

Range of Marks	Letter Grade	Grade Point	Description
91 -100	O	10.0	Outstanding
81 - 90	A+	9.0	Excellent
71 -80	A	8.0	Very Good
61 - 70	B+	7.0	Good
56 - 60	B	6.0	Average
50 – 55	C	5.0	Satisfactory
0-49	U	0.0	Re-appearance
	SA	0.0	Shortage of Attendance
	W	0.0	Withdrawal
	SATISFACTORY	0.0	Pass in mandatory non-credit course
	NOT SATISFACTORY	0.0	Fail in mandatory non-credit course

Mandatory courses shall be indicated as "SATISFACTORY" or "NOT SATISFACTORY" instead of grades as a student is deemed/ registered to

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get satisfactory in the mandatory course, in order to be declared for eligible for the award of the degree.

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

'**SA**' denotes **shortage of attendance** (as per 7.3) and hence prevented from writing the End Semester Examinations. 'SA' will appear only in the result sheet.

"**W**" denotes withdrawal from the exam for the particular course. (The grades U will figure both in Grade Sheet as well as in Result Sheet)

Grade Sheet

After the declaration of results, the grade sheet will be issued to each student which will contain the following details:

➢ The college in which the student has studied

➢ The list of courses enrolled during the semester, grade scored and Grade points earned.

➢ The Grade Point Average (GPA) for the semester.

➢ The Cumulative Grade Point Average (CGPA) of all courses enrolled from first semester onwards.

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

CGPA will be calculated in a similar manner, considering all the courses registered from the first semester to the eighth semester. "W" grade will be excluded for calculating GPA and CGPA.

The GPA / CGPA will be available in the grade sheets only if the student has passed all the courses registered for that particular semester.

$$\textbf{GPA / CGPA} = \frac{\sum_{i=1}^{n} C_i G_i}{\sum_{i=1}^{n} C_i}$$

Where

C_i is the credits assigned to the course

G_i is the point corresponding to the grade obtained for each course

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

The equivalent marks to the CGPA will be printed in the grade sheet.

15.0 AWARD OF THE DEGREE – ELIGIBILTY & CLASSIFICATION

15.1 Eligibility

A student shall be declared to be eligible for the award of the B.E. / B.Tech. Degree if he/she has

❖ successfully gained the required number of total credits as specified in the Curriculum corresponding to his/her programme within the stipulated time.

❖ successfully completed the course requirements, appeared for the End – Semester Examinations and passed all the subjects within the period as prescribed in the Clause 4.1.

❖ successfully completed the mandatory courses.

❖ successfully completed any additional courses prescribed by the Dean Academics of the college, whenever any student is readmitted under Regulations other than Regulations 2023 based on the recommendations of the Academic Council of the college.

❖ no disciplinary action pending against him/her.

❖ been recommended by the Academic Council of the college to the University, which in turn shall award the degree.

15.2 Classification of the Degree Awarded

15.2.1 FIRST CLASS WITH DISTINCTION

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

- ➢ Should have passed the End Semester Examinations in all the courses of all the eight semesters (six semesters in the case of lateral entry) in his/her **FIRST APPEARANCE** within five years (four years in the case of lateral entry).
- ➢ Withdrawal from examination (vide Clause 17) will not be considered as an appearance.
- ➢ One year authorized break of study (if availed of) is included in the five years (four years in the case of lateral entry) for award of First Class with Distinction.
- ➢ Lack of Attendance will not be considered.
- ➢ Should have secured a CGPA of not less than 8.50
- ➢ The above conditions are also applicable for the students opting the B.E/B.Tech.(Honours) or B.E./B.Tech.(Honours with specialization) in the same discipline or B.E/B.Tech. (Minor with specialization) in other disciplines.

15.2.2 FIRST CLASS

A student who satisfies the following conditions shall be declared to have passed the examination in **First Class** if she/he satisfies the following conditions.

- ➢ Should have passed the End Semester Examinations in all the courses of all the eight semesters (six semesters in the case of lateral entry) within five years (four years in the case of lateral entry).
- ➢ One year authorized break of study (if availed of) or prevention from writing the End Semester Examinations due to lack of attendance (if applicable) is included in the duration

of five years (four years in the case of lateral entry) for award of First Class.

➢ Should have secured a CGPA of not less than 6.50

➢ The students opting the B.E/B.Tech.(Honours) or B.E./B.Tech.(Honours with specialization) in the same discipline or B.E/B.Tech. (Minor with specialization) in other disciplines should have secured a CGPA of not less than 7.50

15.2.3 **SECOND CLASS**

➢ All other students (not covered in Clauses 15.2.1 and 15.2.2) who qualify for the award of the degree (vide Clause 15) shall be declared to have passed the examination in **Second Class**.

➢ The above conditions are also applicable for the students opting the B.E/B.Tech.(Honours) or B.E./B.Tech.(Honours with specialization) in the same discipline or B.E/B.Tech. (Minor with specialization) in other disciplines.

15.3 A student who is absent in semester examination in a course / project work after having registered for the same shall be considered to have appeared in that examination for the purpose of classification. (subject to Clause 17 and 18)

15.4 Conversion of GPA / CGPA into Percentage of Marks

Percentage of Marks = GPA / CGPA * 10

16.0 REVALUATION

16.1 A student can apply for photocopy of his/her semester examinations answer script of a theory course, within 1 week from the declaration of results on payment of a prescribed fee through proper application to the

Controller of Examination through the Head of Institution. The answer script is to be valued and justified by a faculty member who handled the course, and shall recommend for revaluation with breakup of marks for each question. Based on the recommendation, the candidate can register for the revaluation through proper application to the Controller of Examination. The Controller of Examination will arrange for the revaluation and the results will be intimated to the student concerned through the Head of the institution. Revaluation is not permitted for practical courses and employability enhancement courses.

16.2 A student can apply for revaluation of answer scripts for not exceeding 5 courses at a time.

16.3 Review revaluation

A student who is not satisfied with revaluation can apply for Review of his /her answer script for a particular theory course, on payment of a prescribed fee through proper application to the Controller of Examinations with the recommendation of Head of the Department and the approval of the Head of Institution. Students who have applied for revaluation only are eligible to apply for Review revaluation.

17.0 WITHDRAWAL FROM END SEMESTER EXAMINATION

17.1 A candidate may be granted permission to withdraw from appearing for the examination of any regular course(s) in **ANY ONE** of the End Semester Examinations. Such withdrawal is permitted **only once during the entire period of study** of the degree programme.

Sports Exemption

A candidate who had involved in sports activities and representing and participating in the state level, national level and international level tournaments shall be permitted to withdraw from the End Semester Examinations for MAXIMUM OF FOUR times during the entire period of study of the degree programme.

17.2 The withdrawal application shall be valid only if the student is otherwise eligible to write the examination and if it is made prior to the commencement of the examination in that course or courses in normal circumstances and also recommended by the Head of the Department, otherwise the applications shall not be considered. In case of accidents or unforeseen circumstances, the withdrawal will be considered even after the conduct of examinations; however the application is made within a week after the date of examination subjected to the approval of the Head of Institution.

17.3 Withdrawal shall not be construed as an appearance for the eligibility of a student for First Class with Distinction. Withdrawal from the End Semester Examinations is **NOT** applicable to arrear subjects of previous semesters. The student shall reappear for the withdrawn courses during the examination conducted in the subsequent semester.

17.4 Withdrawal is permitted for the End Semester Examinations in the final semester, as per clause 15.2.1.

17.5 If a student applies for withdrawal from Project Work, he/she will be permitted for the withdrawal only after the submission of project report before the deadline. However, the student may appear for the viva voce examination within 30/60 days after the declaration of results for Project Work I and II respectively and the same shall not be considered as reappearance.

18.0 AUTHORISED BREAK OF STUDY

18.1 Break of Study shall be granted **only once** for valid reasons for a maximum of one year as a single spell during the entire period of study of the degree programme. However, in extraordinary situation the student may apply for additional break of study not exceeding another one year. If a student intends to temporarily discontinue the programme in the middle of the semester for valid reasons, and to rejoin the programme in a subsequent year, permission may be granted based on the merits of the case provided he/she applies to the Dean Academics of the college in

advance, but not later than the last date for registering for the End Semester Examinations of the semester through the Head of the Institution stating the reasons therefore and the probable date of rejoining the programme.

18.2 The students permitted to rejoin the programme after break of study / prevention due to lack of attendance, shall be governed by the Curriculum and Regulations in force at the time of rejoining. The students rejoining in new Regulations shall apply to the Dean Academics of the college in the prescribed format through Head of the Institution at the beginning of the readmitted semester itself for prescribing additional courses, if any, from any semester of the Regulations in-force, so as to bridge the curriculum in-force and the old curriculum and the same may be approved by the Dean Academics of the college. In such cases, the total number of credits to be earned by the student may be more than or equal to the total number of credits prescribed in the curriculum in force.

18.3 The authorized break of study is included in the duration specified for passing all the courses for the purpose of classification (vide Clause 15.2). The total period for completion of the Programme, reckoned from the commencement of the first semester to which the student was admitted, shall not exceed the maximum period specified in Clause 4.1 irrespective of the period of break of study in order that he/she may be eligible for the award of the degree.

18.4 If any student is prevented for want of required attendance, the period of prevention shall not be considered as authorized 'Break of Study' (Clause 18.1)

18.5 If any student wants to take up a job / start-up / entrepreneurship during the period of study, he/she shall apply for authorized break of study for a period of one year. The student shall join the job / start-up / entrepreneurship only after getting approval of the same by the Dean-Academics of the college with due proof to that effect.

19.0 CO-CURRICULAR DEVELOPMENT

Every student being admitted to any undergraduate degree programme should undergo and involve in any of the co-curricular activities / events during the period of study.

In plant Training will equip the students with the latest ongoing trends in the industries**.**

Technical Workshops / Seminars / Skill Development Courses will enhance the skills and knowledge of the students.

Publications in National and International Journals / Conferences and symposiums will improve higher order thinking and presentation skills.

20.0 PERSONALITY AND CHARACTER DEVELOPMENT

All students shall enroll, on admission, in any of the personality and character development programmes (NSS / YRC) and undergo training for stipulated hours and in case of NSS, a special camp for about seven days. The training shall include classes on hygiene and health awareness and also training in first-aid.

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

Youth Red Cross (YRC) will have activities related to social services in and around college.

Sports & Games activities will include preparation for inter-collegiate, state and national sports events.

Yoga for training the body and mind.

Club Activities initiate the Corporate Social Responsibility**.**

The training activities will normally be conducted during the weekends and the camps during the vacation period.

21.0 DISCIPLINE

Every student is required to observe discipline and decorous behavior both inside and outside the college and not to indulge in any activity which will

tend to bring down the prestige of the college. The Head of Institution shall constitute a disciplinary committee consisting of the Heads of Department of which one should be from the faculty of the student to enquire into acts of indiscipline and notify to the Head of the Institution about the disciplinary action recommended for approval.

22.0 STANDING COMMITTEE

The standing committee of the college is constituted for the effective functioning of all the academic activities pertaining to various programmes of the college. The committee shall meet periodically and also in necessitate to discuss the academic matters, its implementation and developments and to review the overall performance of the students. The committee shall submit the decisions and recommendations taken to the Academic Council of the college for approval, consideration and ratification.

23.0 REVISION OF REGULATIONS, CURRICULUM AND SYLLABI

The college may, from time to time, revise or amend or change the Regulations, Curriculum, Syllabus and Scheme of examinations, if deemed necessary, based on the approval of Academic council of the college.

24.0 AUDIT ON THE EXAMINATION SYSTEM

An audit on the examination system such as verification of the standard of question papers prepared by the examiners, valuation of answer scripts and methods adopted in awarding marks will be conducted by the team of expert members from IIT/NIT/Government Engineering Colleges and reputed autonomous engineering colleges, appointed by the Head of the Institution, after the completion of all the End Semester Examinations activities of the semester.