

SONA COLLEGE OF TECHNOLOGY, SALEM-636 005
AUTONOMOUS COLLEGE UNDER ANNA UNIVERSITY,
CHENNAI
REGULATIONS FOR B.E. / B.TECH DEGREE PROGRAMME
2015 AND ONWARDS

The Regulation 2015 of Sona College of Technology introduces Choice Based Credit System (CBCS). CBCS enables students to

- learn at their own pace
- choose electives from a wide range of courses
- move towards an interdisciplinary approach in learning by choosing open electives
- complete a part of programme in the parent institute and get enrolled in another. This enables inter College/ University credit transfer.

These regulations are applicable to all the students admitted into B.E./B.Tech. programmes from the academic session 2015-2016 onwards.

1. PRELIMINARY DEFINITIONS AND NOMENCLATURE

- 1.1** The regulations hereunder are subject to amendments as may be made by the Academic Council (AC) of the College from time to time, keeping the recommendations of the Board of Studies in view. Any or all such amendments will be effective from the date of amendment and will be applicable to the batches of students who are admitted to the programmes during the year in which amendments are made. They might be applicable even to those who are already undergoing the programmes, as may be decided by the AC.

1.2 DEFINITIONS

- i. “Academic Autonomy” means autonomy granted by the University Grants Commission (UGC) and Anna University, Chennai to Sona College of Technology in all aspects of conducting its academic programmes for promoting excellence;
- ii. “Autonomous College” means a College notified as an autonomous college by the University, as per the Anna University Autonomous College Statute;
- iii. “Commission” means University Grants Commission;
- iv. “Council” means All India Council for Technical Education;
- v. “Statute” means Anna University Autonomous College Statute;
- vi. “University” means Anna University, Chennai;
- vii. “College” means Sona College of Technology, Salem;
- viii. “Programme” means Degree Programme, that is, B.E./B.Tech. Degree Programmes;
- ix. “Branch” means specialization in a programme like B.E. Degree Programme in Civil Engineering, B.Tech. Degree Programme in Information Technology, etc;
- x. “Course” means a subject either theory or practical identified by its course title and code, and which is normally studied in a semester, for example, Multivariable Calculus and Matrices (U14GE102), Vector Calculus Differential Equations and Complex Analysis (U14GE202), etc.

2. ADMISSION

- 2.1** Students seeking admission to the first semester of 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 study under Part-III or any examination of any other University or authority accepted by the Syndicate of Anna University as equivalent thereto.

Students who have acquired a Diploma in Engineering/Technology awarded by the State Board of Technical Education, Tamilnadu or its equivalent and students who possess the Degree in Science (B.Sc.) (10+2+3 stream) with Mathematics as a subject at the B.Sc. Level are eligible for admission to the third semester of the B.E./B.Tech. Degree Programme under lateral entry system. Such B.Sc degree students shall undergo two additional Engineering subject(s) in the third and fourth semesters as prescribed by the College.

3. ACADEMIC PROGRAMMES

3.1 Nomenclature of Programmes

The nomenclature and the abbreviations given below shall continue to be used for the degree programmes under the University, as required by the Council and the Commission:

- i. Bachelor of Engineering (B.E.) and
- ii. Bachelor of Technology (B.Tech.)

The branch/subject of specialization, if any, shall be indicated in brackets after the abbreviation; e.g., B.E. (Mechanical Engineering).

3.2 Bachelor of Engineering (B.E.) degree programmes offered in

- i. Civil Engineering
- ii. Computer Science and Engineering

- iii. Electrical and Electronics Engineering
- iv. Electronics and Communication Engineering
- v. Mechanical Engineering

3.3 Bachelor of Technology (B.Tech.) degree programmes offered in

- i. Fashion Technology
- ii. Information Technology

4. STRUCTURE OF PROGRAMMES

4.1 CLASSIFICATION OF COURSES

Courses are classified as Core Courses, Elective Courses and Foundation Courses.

- i. **Core Courses:** These are the ones that are essential for a student pursuing a particular programme to acquire necessary knowledge, technical skills and training in chosen field of study. There are no options available to students with respect to choice of core courses. Core courses are offered from Semester – I to Semester – VII.
- ii. **Elective Courses:** These are the courses offered by the department, dealing with various aspects of application or new development or both related to the chosen branch of study. One departmental elective may be replaced by any an online course or special topics by signing an MoU (Memorandum of Understanding) with the reputed Universities or Professional bodies with the written consent from Anna University.
- iii. **Foundation Courses:** The foundation courses may be of two kinds: compulsory foundation and elective foundation. “Compulsory Foundation” courses are the courses based upon the content that leads to Knowledge enhancement. They are mandatory for all disciplines. Elective foundation

courses are value-based and are aimed at man-making education.

- iv. **Open-Elective Courses:** These are fundamental courses offered across all disciplines. Any student is permitted to register for these courses. There will be a pool of open elective courses for the students to choose from. A maximum of three open electives may be chosen by the student and these may include one or more of the courses listed under open elective courses or even the professional elective (department elective) courses. Only one such time an open elective is allowed to be taken from the professional elective courses.

One *optional* elective called Language Elective and offered by Department of Humanities and Languages gives students a chance to learn languages like German, French, Chinese and Japanese.

Proper choice of professional elective courses or open elective courses across Semesters V to VII will enable students to specialize in an emerging area within their chosen field of study. The concerned Faculty Advisers are to guide the student in making the correct choices.

4.2 MEDIUM OF INSTRUCTION

The medium of instruction, examinations and project report shall be English, except for courses on languages other than English.

5. PROGRAMME DURATION

- 5.1** A student admitted based on the higher secondary score is expected to complete the B.E./B.Tech. Programme in 8 semesters (four academic years) but in any case not more than 12 Semesters. The Lateral Entry Diploma / B.Sc. degree students

are expected to complete the programme in 6 semesters (three academic years) but in any case not more than 10 semesters.

5.2 Each semester shall normally consist of 90 working days or 450 periods, each of 55 minutes duration.

6. CREDIT STRUCTURE

6.1 Each course offered is given a L-T-P structure, depending on the number of lecture periods (L), number of tutorial periods (T) and number of periods for practical (P) required per week for an efficient teaching – learning process. A student is expected to put-in his/her own efforts in proportion with periods spent in classroom, as defined in L-T-P structure. On successful completion of the course a student is said to have earned a specified number of credits defined for each course.

6.2 General Structure of curriculum for each semester (Except for Semesters I and II):

5 Theories + 2 Laboratories or

5 Theories + 3 Laboratories.

Every one hour of Lecture (L) session/week amounts to 1 credit. A minimum of two hour session of Tutorial (T) or Practical (P) session/week amounts to 1 credit. A course of study may have only lectured component or only practical/practice component or combination of any two or all the three components.

6.3 Credit allocation and L:T:P:C composition for the following courses:

Professional Core Course : 2:2:0:3 or 3:0:0:3 or 3:2:0:4

Laboratory Courses : 0:0:2:1 or 0:0:4:2

Professional Elective Courses : 2:2:0:3 or 3:0:0:3 or 2:0:2:3

Open Elective Courses : 2:2:0:3 or 3:0:0:3

- 6.4** The total credits earned by a student at the end of semester are L+T+P. Each semester can have a minimum of 21 credits to a maximum of 25. The regulation allows choice for a student to register for a minimum of 15 credits to a maximum of 24 credits each semester. Total credits should be within the range of 170 – 180 as specified in Table 1.
- 6.5** The students are allowed to do 4 or 6 or 8 weeks of internship between VI and VII semesters during summer vacation and carry 2 or 3 or 4 credits respectively. The industry/organization is to be selected with the approval of the Head of the Department. On submission of a report the knowledge gained through the internship is evaluated by conducting a viva-voce scheduled by COE.
- 6.6** The credits for project work are as follows
- Phase I: 4 credits
 - Phase II: 12 credits

The title of Phase I and Phase II should not change.

Table 1: Credit Split-Up for Various Courses

S.No.	Course Area	Range of Credits	Percentage Range of Credits (%)
1	Humanities & Social Sciences (HS) including Management	18	10
2	Basic Sciences (BS) including Mathematics, Physics, Chemistry and Biology	27-36	15 – 20
3	Engineering Sciences (ES) including Materials, Workshops, Drawing, Basics of Electrical / Electronics / Mechanical / Computer Engineering	27-36	15 - 20

4	Professional Core (PC) Courses: relevant to the branch of study	51-66	30-40
5	Professional Elective (PE) Courses : relevant to the branch of study	15-18	10 -15
6	Open Electives (OE) Courses : Core/Elective Courses of other disciplines	9-12	5-10
7	Employability Enhancement Courses (EEC) - Project Works/ Mini-Projects /Technical Seminar /Soft Skills / Industrial Training / Internship, etc.	24 -27	10 – 15
8	Special Interest Courses	-	-
Total		170-180	100

7. CLASS COUNSELOR (CC)

7.1 Each class of students belonging to different sections of all the three years has a Class Counselor (CC) who is a regular faculty member of the department. The Head of the Department (HOD) will appoint CCs for all the sections of their classes. The CCs will hold the responsibility for three years of the same batch of students until the completion of the programme. The CCs will maintain all records of the class of students assigned to them and generally counsel them on maintaining good attendance, discipline and academic performance.

8. FACULTY ADVISER

8.1 To help students plan their courses of study and for general advice on the academic programme, the HODs of individual departments will attach a certain number of students to a teacher of the department who shall function as Faculty Adviser for those students throughout their period of study. Faculty Advisers shall advise the students under their care, monitor the courses undergone by them, check their attendance and progress and counsel them periodically. If necessary, the Faculty Adviser may also convey or discuss information on student academic performance and progress with the parents concerned. Further the Faculty Adviser has to play an active role in deciding the open electives for their students.

9. CLASS COMMITTEE (CCM)

9.1 Each class of various sections shall have a Class Committee which is constituted by Chairperson not teaching the classes, Class Counselors, faculty members teaching the courses for all the sections of that class, and student representatives. It is formed with the overall goal of improving the teaching-learning process. The functions of the Class Committee include

- 9.1.1** solving problems experienced by students in the class room and in the laboratories.
- 9.1.2** clarifying the regulations of the degree programme and the details of rules therein.
- 9.1.3** informing the student representatives about the academic schedule including the dates of assessments and the syllabus coverage for each assessment.
- 9.1.4** informing the student representatives the details of regulations regarding Weightage used for each

assessment. In the case of practical courses (Laboratory experiments /Engineering drawing/project work/seminar/Internship 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.

- 9.1.5** analyzing the performance of the students of the class after each test and finding the ways and means of solving problems, if any.
- 9.1.6** identifying slow learning students, if any, and requesting the teachers concerned to provide some additional help or guidance/ coaching to such students.
- 9.2** The Class Committee for a class under a particular branch is normally constituted by the HOD / Chairperson.
- 9.3** The Class Committee shall be constituted within the first week of each semester.
- 9.4** At least 4 student representatives (usually 2 boys and 2 girls) shall be included in the Class Committee.
- 9.5** The Chairperson of the Class Committee shall invite the Class Counselors, Faculty adviser(s) and the HOD to the meeting of the Class Committee.
- 9.6** The Principal may participate in any Class Committee meeting of the institution.
- 9.7** The Chairperson is required to prepare the minutes of every meeting, submit the same to Principal within two days of the meeting and arrange to circulate it among the students and teachers concerned. If there are any points requiring support and action from the Management, the same shall be brought to the notice of the Management by the Principal.

9.8 Two subsequent meetings may be held in a semester at suitable intervals. During these meetings, the student members representing the entire class shall meaningfully express the opinions and suggestions of the other students of their class to improve the effectiveness of the teaching-learning process.

10. COURSE COMMITTEE (COCM) FOR COMMON COURSES

10.1 Each common theory course offered to more than one discipline or group shall have a “Course Committee” comprising all the teachers teaching the common course with one of them nominated as Course Coordinator. The nomination of the Course Coordinator shall be made by the HOD/Principal depending upon whether all the teachers teaching the common course belong to a single department or to several departments. The ‘Course Committee’ shall meet as often as necessary and ensure uniform evaluation of the tests through a common evaluation scheme. Wherever it is feasible, the Course Committee may also prepare a common question paper for the test(s).

11. ATTENDANCE REQUIREMENTS FOR COMPLETION OF A SEMESTER

11.1 A student who has fulfilled the following conditions shall be deemed to have satisfied the requirements for completion of a semester:

11.1.1 He/she has to his/her credit not less than 75% overall attendance in the current semester. Those students who secure less than 75% are not eligible to appear for the current Semester End Examinations and not permitted to go to the next higher Semester. They are required to repeat the incomplete semester in the next academic year.

11.1.2 However, those students who have secured attendance 65% and above and less than 75% and their shortage is due to medical reasons or for their participation in College/ University/ State/ National/ International level sports events are eligible to appear for the current Semester End Examinations with prior permission from the Principal and will be allowed to proceed to the next higher Semester. If the same set of students request for exemption of 10% in attendance in every semester, such cases should be reviewed and permitted only based on the discretion of the concerned Head of the Department and Principal.

12. ASSESSMENT PROCEDURE – TESTS AND EXAMINATIONS

12.1 For each theory course, the assessment pattern for CIE shall be as illustrated in Table 2:

Table 2: CIE Assessment Pattern for Theory Courses

S.No.	Assessment	Duration	Syllabus to be covered	Marks	Weightage
1.	CIE Test 1	1 ½ hours	1 ½ units	50	06
2.	CIE Test 2	1 ½ hours	1 ½ units	50	06
3.	CIE Test 3	1 ½ hours	1 ½ units	50	06
4.	Model Examination	3 hours	All units	100	10
5.	*Assignment	-	-	20	06
6.	*Assignment/ Seminar/Quiz	-	-	20	06
Total					40

* Analytical and Design courses/subjects shall be assessed based on Two assignments only. For all other courses, the assessment shall be based on one Assignment and one Assignment or Seminar or Quiz.

12.1.1 A final retest shall be conducted for any one course in which the students did not appear due to Medical leave / Co-curricular and Extra-curricular activities / any other special permission authorized by the Principal. Those students who have to improve their CIE marks on any one course are also permitted to attend the retest with prior permission from the concerned head of the department.

12.2 In each practical course, the assessment pattern will be as follows:

Table 3: Assessment Weightage

Assessment	Marks
CIE	60
SEE	40

12.2.1 The SEE assessment for practical courses will be based on supervision of students' work, their performance in viva-voce examinations and group discussions, the quality of their work as prescribed through practical manual and an SEE that requires the student to perform an experiment and submit its results.

The CIE assessment for practical courses follows the pattern given in Table 4.

Table 4: CIE Assessment for Practical Courses

S.No	Assessment Method	Marks
1.	CIE Test – I	20
2.	Quiz – I	5
3.	CIE Test – II	20
4.	Quiz – II	5
5.	Real Time Problem Solving	10
Total		60

12.2.2 For design and drawing courses, the duration of assessment test/SEE may be different from other theory courses and this will be stated in the respective curriculum.

12.2.3 Project work may be allotted to a single student or to a group of students not exceeding 4 per group. A committee consisting of the Project Coordinator (appointed by the HOD), Project Guide and one senior faculty member from the respective department will carry out the CIE assessment for both Phase – I and Phase – II. In case the Project Coordinator or the HOD happens to be the guide of the students, the HOD will nominate another faculty to carry out the continuous assessment for those students. The student shall make presentation on the progress made by him / her before the committee.

12.2.4 The CIE for project reviews shall carry a minimum of 20 marks and a maximum of 50 marks while for the Project viva-voce SEE shall carry 150 marks. The marks are awarded to each student of a project group based on the individual performance in the reviews. If all the students performed well, equivalent marks shall be awarded to each student within the project group.

Project Work Phase – I shall be reviewed and evaluated as CIE Practical Assessment. Project Work Phase – II should be evaluated through SEE and based on three reviews for 100 marks. The total marks obtained in the three reviews shall be reduced for 30 marks and rounded to the nearest integer and 20 Marks shall be given for project report.

The project report shall be submitted as per the approved guidelines given by Director, Academic Courses, Anna University, Chennai. After the project report is submitted by the student, an evaluation of

the project and viva-voce examination will be conducted as the SEE by a panel consisting of the Project Coordinator, Project Guide and a faculty member from the allied department or an external examiner from an educational institution/industry.

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

12.2.5 EXEMPTION FOR STUDENTS DOING PROJECT INTERNSHIP AT REPUTED COMPANIES

Those students excelling in academic performance by consistently securing more than 8.5 CGPA from I to VI Semesters (without pending arrears) shall avail the opportunity to do projects in reputed companies as full time interns during their period of study in the VIII Semester. Such students after obtaining prior permission from their respective heads of the department and Principal, shall write their Semester VIII SEE as follows:

- Two courses in VII Semester*¹
- One course in VIII Semester*

No CIE tests will be conducted for the three courses and the internal assessment for the above courses shall be conducted and calculated based on the following pattern:

- One Mid-Semester Examination with the syllabus coverage of 3 units conducted for 2 hours.
- The CIE Weightage for the Mid-Semester Examination is 40 marks

* Students shall undergo these courses in self-study mode with the guidance of nominated faculty members.

¹The two courses have to be written along with the VII Semester SEE.

12.2.6 Assessment for Project work and internships

All students are to be involved in doing project work or internship during the entire period of Semester-VIII. There shall be no theory or laboratory courses during this semester.

Internship shall be performed in industry premises. Every effort will be taken by all departments to have as many students as possible for internship.

The project work undertaken by students may be performed in industry or in the college, but it would be preferable to have industry-oriented projects.

Student undergoing in the project work or internship will be evaluated through the review of a detailed report submitted by student and a formal viva-voce by an external examiner.

12.3 DETAILS OF FACULTY PEDAGOGICAL AND STUDENT ASSESSMENT RECORD

12.3.1 Every teacher is required to maintain a Faculty Record Book (FRB) / Course File consisting of the following details as shown below:

Time-table, Course syllabus, Program outcomes, Course outcomes

Details of attendance of each student marked in each theory /practical /project work class.

CIE Test, Model Examination marks, Details of Assignment / Seminar given, Course Delivery details, Corrective and Preventive actions on test performance of students and any other additional details.

The FRB should be submitted to the HOD periodically (at least two times in a semester) for checking the syllabus covered,

the test marks and attendance. The HOD shall put his/her signature and date in the FRB after due verification. At the end of the semester, the FRB shall be verified by the Principal who will also ensure safe custody of the document for at least five years. The University or any inspection team appointed by the University may verify the records of attendance and assessment of both current and previous semesters.

12.4 SEMESTER END EXAMINATIONS (SEE)

12.4.1 The SEE shall ordinarily be conducted between November and January during the odd semesters and between April and June in the even semesters. The maximum marks shall be 100 with the split-up as follows:

- For Theory: 40 marks for CIE and 60 marks for the SEE.
- For Practical: 60 marks for CIE and 40 marks for the SEE.
- For Project work: 50 marks for CIE and 150 marks for the SEE.

12.4.2 Examiners for setting SEE question papers for theory courses, valuating SEE answer scripts, conducting practical examinations and evaluating project works shall be appointed by the Controller of Examinations (COE) after obtaining approval from the AC of the College.

13. PASSING REQUIREMENTS

13.1 A student who secures not less than 50% of total marks prescribed for the course (both in CIE & SEE) with a minimum of 50% of the marks prescribed for the SEE in both theory and practical courses including Project work), shall be declared to have passed the Examination.

13.2 The CIE marks obtained by the student in the first appearance shall be retained and considered valid for all subsequent attempts till the student secure a pass. However, from the 3rd attempt onwards if a student fails to obtain pass marks (CIE + SEE) as per clause 14.1 then the passing requirement shall be as follows:

The student should secure 50% minimum marks prescribed for course in the SEE alone and the Continuous Internal Assessment marks obtained will not be considered and retained thereafter.

14. GRADING

14.1 All assessments of students will be done on the basis of absolute-marks. However, for the purpose of reporting the performance of a student, letter grades, each carrying a certain number of points, will be awarded according to the total marks (out of 100) obtained by the student in each course. The letter grades to be used and the corresponding grade points are as follows:

Table 5: Grades, Grade Points and Range of Marks

Grades	Grade Points	Range of Marks
O	10	90-100
A⁺	9	80-89
A	8	70-79
B⁺	7	60-69
B	6	50-59
U	-	<50

Students scoring less than the passing minimum (decided on relative basic) marks shall be deemed to have failed and be given “U” grade. A student having “U” grade need not redo the course, but can appear for the supplementary examination for the courses organized at the start of the

following semester. The Cumulative Grade Point Average (CGPA) will be revised accordingly. The grade acquired by the student later will be indicated in the grade card of the appropriate semester. A student who earns a minimum of 5 grade points in a course shall be declared to have successfully completed the course.

15. REVALUATION OF ANSWER PAPERS

15.1 REVALUATION / PHOTOCOPY-CUM-REVALUATION

A student can apply for revaluation / request of photocopy of his/her SEE answer paper in a theory course, within a week from the declaration of results, on payment of a prescribed fee through proper application to the Controller of Examinations with the approval of Head of Department (in case of photocopy). The Controller of Examinations will arrange for the revaluation and the results will be intimated to the student concerned through the Head of the Department. Revaluation is not permitted for practical courses and for project work.

15.2 REVIEW

A student who did not satisfied with Revaluation can apply for Review of his /her SEE answer paper in a theory course, within the prescribed fee through proper application to the Controller of Examinations with the approval of Head of the Department. Students applying for photocopy-cum-revaluation only are eligible to apply for Review.

16. SUPPLEMENTARY EXAMINATIONS

Supplementary examinations for the failed students of any course will be conducted after the regular SEE result. They

will be conducted only for current semester failures after 15 days of the announcement of revaluation results. However, due to unavoidable circumstances a student who is absent for SEE is eligible to take up the Supplementary Examinations at the discretion of Head of the Department and the Principal. The appearance for the Supplementary Examinations will be considered as an attempt.

17. WITHDRAWAL FROM EXAMINATION

- 17.1** A student may, for valid reasons, and on prior application, be granted permission to withdraw from appearing for the examination of any one course or consecutive examinations of more than one course in a SEE. Such withdrawal shall be permitted only once during the entire period of study of the degree programme.
- 17.2** An application for withdrawal shall be valid only if it is made within 10 days prior to the commencement of the SEE in that course or courses and also recommended by the Principal and approved by the Controller of Examinations.
- 17.3** Notwithstanding the requirement of mandatory TEN days notice, applications for withdrawal for special cases under extraordinary conditions will be considered on merit of the case.
- 17.4** Withdrawal shall not be taken to mean as an appearance for the eligibility of a student for First Class with Distinction.
- 17.5** Withdrawal from the SEE is **NOT** applicable to arrear courses of previous semesters.
- 17.6** The student shall reappear for the withdrawn courses during the examination conducted in the subsequent semester.

17.7 The withdrawal of open electives shall not be taken more than 15 days from the date of choosing the course.

18. AUTHORIZED BREAK OF STUDY FROM A PROGRAMME

18.1 Break of Study shall be granted only once for valid reasons for a maximum of one year during the entire period of study of the degree programme. However, in extraordinary situation the student may apply for additional break of study not exceeding another one year by paying prescribed fee for break of study. If a student intends to temporarily discontinue the programme in the middle of the semester for valid reasons, and rejoin the programme in a subsequent year, permission may be granted based on the merits of the case provided he / she applies to the Principal in advance, but not later than the last date for registering for the SEE of the semester in question, through the Head of the Department 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 Principal in the prescribed format through Head of the Department for prescribed additional courses, if any, at the beginning of the readmitted semester itself, so as to compensate for the shortage of the credits.

18.3 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. However, additional break of study granted will be counted for the purpose of classification.

18.4 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 5.1 irrespective of the period of break of study (vide clause 19.1) in order that he/she may be eligible for the award of the degree.

18.5 If any student is detained for want of required attendance, the period spent in that semester shall not be considered as authorized “Break of Study” is not applicable for this case.

19. GRADE CARDS

19.1 After the results are declared, Grade Cards will be issued to each student and it will contain the list of courses for that semester and the grades obtained by the student. The Grade Point Average (GPA) for each semester will be calculated only for those students who have passed all the courses of that semester. Similarly, CGPA up to any semester will be announced only for those students who have passed all the courses up to that semester. GPA is the ratio of the sum of the products of the number of credits of a course (C_i) and the grade points scored in that course (GP_i), taken for all the courses, to the sum of the number of credits of all the courses (n) in the semester.

$$GPA = \frac{\sum_1^n C_i \times GP_i}{\sum_1^n C_i}$$

where n is the number of courses in that semester.

On successful completion of the programme, the CGPA will be calculated as follows:

$$CGPA = \frac{\sum_1^N C_i \times GP_i}{\sum_1^N C_i}$$

where C_i is the credit and GP_i is the grade point obtained by the student and N is the total number of courses for the entire programme.

20. ELIGIBILITY FOR THE DEGREE

20.1 A student shall be eligible for the award of the degree of B.E./B.Tech only if the student:

- i. has undergone the prescribed programme of study by earning the minimum total number of credits specified in the curriculum of the relevant programme of study within the maximum specified duration of time.
- ii. has no dues payable to the Institution, Library, Hostels, etc. and has no disciplinary action pending against him/her.

21. CLASSIFICATION OF DEGREES AWARDED

21.1 First Class with Distinction: A student who qualifies for the award of a degree, having passed all the courses of study of all the eight semesters (six semesters in the case of lateral-entry students) in his/her First Appearance within four years (three years in the case of lateral entry) after the commencement of his/her study and securing a CGPA of **8.45** and above, shall be declared to have passed the examinations in the '**First Class with Distinction**'. For this purpose, withdrawal from any examination will not be construed as an appearance. Further, one year authorized break of study (if availed of) is permitted in addition to four years (three years in case of lateral entry) for award of 'First Class with Distinction'.

21.2 First Class: A student who qualifies for the award of a degree, having passed all the courses of study of all the eight semesters (six semesters in the case of lateral-entry

students) within five years (four years in the case of lateral entry) after the commencement of his/her study and securing a CGPA of **6.5** and above shall be declared to have passed the examinations in the '**First Class**'. Further, one year authorized break of study (if availed of) or prevention from writing the SEE 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'.

21.3 Second Class: All other students below the CGPA mentioned in clauses 22.1 and 22.2 who qualify for the award of a degree shall be declared to have passed in the '**Second Class**'.

21.4 A student who is absent in SEE 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.

22. CONSOLIDATED STATEMENT OF GRADES

22.1 At the end of the programme, all successful students will be furnished with a consolidated statement of grades which will contain the following particulars:

- i. Grades in the courses of all the semesters
- ii. CGPA
- iii. Classification (First Class with Distinction/First Class/Second Class)

22.2 Then, the provisional certificate and the degree certificate will be awarded by Anna University, Chennai.

23. ATTENDANCE, DISCIPLINARY AND GRIEVANCE COMMITTEE

23.1 This committee is constituted for the smooth functioning of the various autonomous under-graduate programmes of

the institute and shall consist of the following members:

Table 6: Attendance, Disciplinary and Grievance Committee

Principal	Convener
All HODs	Member(s)
A Senior Professor (from any department)	Member
A Senior Assistant Professor (from any department)	Member

- 23.2** The Committee will look into matters relating to condonation of attendance shortages of students and all grievances and disciplinary problems of the students relating to malpractices in CIE, SEE, etc. The committee will meet as and when necessary and send its recommendations to the AC/COE for consideration/ratification/approval.

24. MALPRACTICES IN TESTS AND EXAMINATIONS

- 24.1** If a student indulges in malpractice in any of the CIE and SEE, he/she shall be liable for punitive action as prescribed by the college from time to time.

25. INDUSTRIAL TRAINING

- 25.1** The student may undergo industrial training for a minimum total period of 2 weeks during 2nd and 3rd year vacation periods and submit a report on the training to the HOD concerned.

26. INDUSTRIAL VISIT

26.1 Every student is required to undergo one industrial visit (relevant Industries / Research centers of respective departments / IITs / IISc / Technical museums / Planetarium) starting from the third semester of any UG programme. The institution shall take the students out to at least one industrial visit in an academic year. The student representative of concerned class should submit a report on the outcome of knowledge gained from the industry visited within a week after return duly signed by the Head of the Department and Principal.

27. NCC/NSS/NSO/YRC TRAINING

27.1 Further, every student shall be involved in any one of the character development programmes such as NCC/ NSS/NSO/YRC and undergo the training during the first two years of study.

28. DISCIPLINE

28.1 Every student is required to observe proper discipline and decorum 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 Principal shall constitute a Disciplinary Committee consisting of Principal and two HODs, of which one should be from the faculty to which the student belongs, to enquire into the acts of indiscipline and notify the Principal about the disciplinary action recommended, for approval.

29. REVISION OF REGULATION AND CURRICULUM

29.1 The college shall, occasionally, revise, amend or change the regulations, scheme of examinations and syllabi if found necessary.
