

GOVERNMENT COLLEGE OF ENGINEERING: SALEM 636011

(An Autonomous Institution Affiliated to Anna University, Chennai)

(NAAC ACCREDITED)

REGULATIONS 2018

CHOICE BASED CREDIT SYSTEM

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

(For the students admitted to B.E Programme during the Academic year 2018-2019 and onwards)

1. DEFINITIONS AND NOMENCLATURE

In this regulation, unless the context otherwise specifies

- (i) "Programme" means Degree Programme (i.e) B.E. Degree Programme.
- (ii) "Course" means a Theory or Practical subject that is normally studied in a semester, like Mathematics, Physics, Engineering Graphics, etc.,

2. ELIGIBILITY FOR ADMISSION

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

3. BRANCHES OF STUDY

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

- B.E. Civil Engineering
- B.E. Computer Science and Engineering
- B.E. Electronics and Communication Engineering
- B.E. Electrical and Electronics Engineering
- B.E. Mechanical Engineering
- B.E. Metallurgical Engineering

4. DURATION AND STRUCTURE OF THE PROGRAMME

4.1 The Minimum and Maximum period of the U.G. Full time programme are given below:

The total duration for completion of the programme shall not exceed the maximum duration irrespective of the period of break of study (vide clause 25) or prevention (vide clause 11.6) in order that the student may be eligible for the award of the degree (vide clause 23)

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

7.2 PRACTICAL / MINI PROJECT

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

7.3 PROJECT WORK AND VIVA – VOCE

For the project work and viva – voce examination, the maximum marks shall be 200, comprising 80 marks for internal assessment and 120 marks for the end semester examination. The end semester marks of 120 shall be awarded by both the Internal and External examiners, the project report shall carry a maximum of 40 marks (same mark must be awarded to every student of the project group) The viva-voce examination shall carry 80 marks (awarded to each student of the project group based on the individual performance in the viva-voce examination conducted by External examiner, and the Internal Examiner)

8 CLASS COMMITTEE

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

- Solving problems experienced by the students in the class room and in the laboratories.
- Clarifying the regulations of the degree programme and the details of rules therein particularly clauses 10, 11, 12 and 13 which should be displayed in the college Web site.
- Informing the student representatives the academic schedule including the dates of assessments and the syllabus coverage for each assessment.
- Informing the student representatives the details of Regulations regarding weightage used for each assessment. In the case of practical courses (laboratory / drawing / Project work / seminar etc.) the breakup of marks for each experiment / exercise / module of work, should be clearly discussed in the class committee meeting and informed to the students.
- Analyzing the performance of the students of the class after each test and finding the ways and means of improving the slow learners.

- Identifying slow learner students, if any, and requesting the teachers concerned to provide additional help or guidance or coaching to such students.
- 8.2** The class committee for a class under a particular branch is normally constituted by the head of the department. However, if students of different branches are mixed in a class (like the first semester which is generally common to all branches), the class committee is to be constituted by the Principal.
- 8.3** The class committee shall be constituted within the first week of each semester.
- 8.4** At least 4 student representatives (usually 2 boys and 2 girls) shall be included in the class committee.
- 8.5** The chairperson of the class committee may invite the Faculty adviser(s) and the Head of the department to the meeting of the class committee.
- 8.6** The Principal may participate in any class committee of the institution.
- 8.7** The chairperson is required to prepare the minutes of every meeting, submit the same to Principal within two days of the meeting and arrange to circulate it among the students and teachers concerned. If there are some points in the minutes requiring action by the Head of the Institution the same shall be brought to the notice of Head of the institution by the head of the Department/Chief Faculty advisor.
- 8.8** The first meeting of the class committee shall be held within fifteen days from the date of commencement of the semester, in order to inform the students about the nature and weightage of assessments with the framework of the regulations. Two or three subsequent meeting may be held in a semester at suitable intervals. **The Class Committee Chairman shall put on the Notice Board the cumulative attendance particulars of each course of each student at the end of every such meeting to enable the students to know their attendance details to satisfy the clause 11 of this Regulation.** During these meetings the student members representing the entire class, shall meaningfully interact and express the opinions and suggestions of the other students of the class in order to improve the effectiveness of the teaching-learning process.

9 COURSE COMMITTEE FOR COMMON COURSES

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

10 PROCEDURE FOR AWARD OF MARKS FOR INTERNAL ASSESSMENT

10.1 Theory Courses