

ALAGAPPA CHETTIAR COLLEGE OF ENGG. & TECH.,KARAIKUDI – 4.
(A GOVT, AUTONOMOUS INSTITUTION)

Regulation – 2011

Degree of Bachelor Engineering (B.E)

The following regulations are applicable to all autonomous under graduate programmes of this Institute affiliated to Anna University.

1. Preliminary Definitions and Nomenclature.

In these regulations, unless the context otherwise requires

- i. 'Programme' means Degree Programme, that is B.E Degree programme
- ii. 'Branch' means Specialization or discipline of B.E Degree programme like Civil Engineering, Electrical & Electronics Engg. etc.,
- iii. 'Course' means a theory or practical subject that is normally studied in a semester, like Mathematics, Physics, Chemistry etc.,

2. Admission

2.1. Candidates seeking admission to the First semester B.E degree programme should have passed the Higher secondary examination of (10+2) curriculum (Academic stream) prescribed by the Govt of Tamilnadu 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 of Technology Chennai as equivalent thereto or should have passed the Higher secondary examinations of vocational stream (Vocational groups in Engg. / Tech.) as prescribed by the Govt. of Tamilnadu.

2.2. Lateral Entry Admission

- i. The candidates who possess the Diploma in Engg. / Technology awarded by the state Board of Technical Education, Tamilnadu or its equivalent are eligible to apply for direct admission to the third semester of B.E degree programme under later entry scheme in the branch corresponding to the branch of study.

Or

- ii. The candidates who possess the Degree of 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 Degree programme.

Such candidate shall undergo two additional engineering subjects in the third and fifth semester or fourth and six semester respectively as prescribed by the respective faculty (Annexure – I)

3. Programmes offered

A candidate may be offered a programme in any one of the branches of study approved by AICTE and it is offered by this Institution

The programmes offered by this Institute are given in Annexure - II)

4. Structure of the Programme

- 4.1 Every Programme will have curricula with syllabi consisting of theory and practicals such as :
- i. General core courses comprising Mathematics, Basic Sciences, Engineering Sciences, Humanities and Engineering.
 - ii. Core courses of Engineering/Technology.
 - iii. Elective courses for specialization in related fields.
 - iv. Workshop practice, computer practice, engineering graphics, laboratory work, industrial training, seminar presentation, project work, educational tours, camps etc.
 - v. NCC / NSS / RRC activities for character development
 - vi. There shall be a certain minimum number of core courses and sufficient number of elective courses that can be opted by the student. The blend of different courses shall be so designed that the student, at the end of the programme, would have been trained not only in his / her relevant professional field but also would have developed as a socially conscious human being.
- 4.2 Each course is normally assigned certain number of credits.
- | | | |
|-------|--|------------------|
| (i) | One lecture period per week | : 1 credit |
| (ii) | One tutorial period per week | : 1 credit |
| (iii) | Two periods of Laboratory Practical/
Seminar / project work | : 1 credit |
| (iv) | 3 or 4 periods of laboratory Practical | : 2 credits |
| (v) | 4 weeks of Industrial Training during
during semester vacations | : 1 or 2 credits |
- 4.3 Each semester curriculum shall normally have a blend of lecture courses not exceeding 7 and practical courses not exceeding 4. However, the total number of courses per semester shall not exceed 10.
- 4.4 For the award of the degree, a student has to earn certain minimum total number of credits specified in the curriculum of the relevant branch.
- 4.5 The medium of instruction is English for all courses, examinations, seminar presentations and project / thesis / dissertation reports.

5. DURATION OF THE PROGRAMME

- 5.1 A student is ordinarily expected to complete the B.E. Programme in 8 semesters (four academic years) but in any case not more than 14 Semesters for HSC candidates and not more than 12 semesters for Lateral Entry Diploma / B.Sc. Candidates.
- 5.2 Each semester shall normally consist of 450 periods of 50 minutes each (90 working days). The Principal shall ensure that every teacher imparts instruction as per the number of periods / week specified in the syllabus and that the teacher teaches the full content of the specified syllabus for the course being taught.

- 5.3 The Principal may permit to conduct additional classes for improvement, special coaching, conduct of model test etc., over and above the Specified periods. But for the purpose of calculation of attendance requirement or writing the end semester examinations by the students 450 periods conducted within the specified academic schedule alone shall be taken into account and the overall percentage of attendance shall be calculated accordingly. The End Semester Examination will follow immediately after the last working day of the semester commencing from I semester as per academic schedule prescribed from time to time.
- 5.4 The total period for completion of the programme reckoned from the commencement of the first semester to which the candidate was admitted shall not exceed the maximum period specified in clause (5.1) irrespective of the period of break of study in order that he/she may be eligible for the award of the degree (vide clause 15).

6. REQUIREMENTS FOR COMPLETION OF THE SEMESTER

- 6.1 A Candidate who has fulfilled the following conditions shall be deemed to have satisfied the requirements for completion of a semester. Ideally every student is expected to attend all classes and secure 100% attendance. However, in order to allow for certain unavoidable reasons such as Medical / participation in sports / personal (not exceeding 25%) the student is expected to secure not less than 75% of the attendance during **any semester commencing from First semester**.
- 6.2 However, a candidate who secures overall attendance between 65% and 74% in that current semester due to medical reasons (prolonged hospitalization / accident / specific illness) or Participation in Sports events may be permitted to appear for the current semester examinations subject to the condition that the candidate shall submit the medical certificate for the medical ground reasons or proof certificate for the sports persons, attested by the Head of the Institution. The same shall be forwarded to the Controller of Examinations, for record purposes.
- 6.3 Candidates who **secure less than 65% of overall attendance** shall not be permitted to write the End Semester examination and not permitted to go to the next semester. They are required to repeat the incomplete semester in the next academic year. A candidate who is required to repeat the subjects of a particular semester for want of attendance / progress or who desires to rejoin the course after a period of discontinuance is permitted to repeat the subjects of that semester. Candidates may join the semester (for which he / she is eligible or permitted) only at the time of its normal commencement for the regular batch of students along with readmission order from the Commissioner DOTE, Chennai.

7. FACULTY ADVISER

To help the students in planning their courses of study and for general advice on the academic programme, the Head of the Department will attach a certain class of students to a teacher of the Department who shall function as Faculty Adviser for those students throughout their period of study. Such Faculty Advisers shall advise the students and monitor the courses undergone by the students, check the attendance and progress of the students attached to him/her and counsel them periodically. If necessary, the faculty adviser may also discuss with or inform the parents about the progress of the students.

8. CLASS COMMITTEE

8.1. Every class shall have a class committee consisting of teachers handling the class concerned, student representatives and a chairperson. The objective of the class committee shall monitor overall goal of improving the teaching-learning process. The functions of the class committee include:

- Solving problems experienced by students in the class room and in the laboratories.
- Clarifying the regulations of the degree programme and other details relevant to academic activity.
- Informing the student representatives on 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 series test and finding the ways and means of solving problems, if any.
- Identifying the weak students, if any, and requesting the teachers concerned to provide some additional help or guidance or coaching to such weak students.

Informing the students about the attendance details of the class at every class committee meeting and students with shortage of attendance are advised to attend the class regularly.

8.2. 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 Principal / Chief faculty advisor.

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 Principal, the same shall be brought to the notice of the Principal.

8.8. 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 weightage of assessments within the framework of the Regulations. Two or three subsequent meetings may be held in a semester at suitable intervals. **The Class Committee Chairman shall put on the Notice Board the cumulative attendance particulars of each student at the end of every such meeting to enable the students to know their attendance details.** 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 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 Head of the Department / Principal / Chief Faculty Advisor 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. Where ever feasible, the course committee may also prepare a common question paper for the internal assessment of series test

10. SYSTEM OF EXAMINATION

- 10.1 Performance in each course of study shall be evaluated based on (i) continuous internal assessment throughout the semester and (ii) End semester examination.
- 10.2 Each course, both theory and practical (other than project work) shall be evaluated for a maximum of 100 marks. The project work shall be evaluated for a maximum of 200 marks.
 - 10.2.1 For all theory and practical courses other than project work, the continuous internal assessment will carry 20 marks while the End Semester examination will carry 80 marks. Project work may be allotted to a single student or to a group of students not exceeding 4 per group.
 - 10.2.2 For project work, the continuous internal assessment will carry 40 marks while the End Semester examination will carry 160 marks (Oral presentation).
- 10.3 The End Semester examination (theory and practical) of 3 hours duration shall ordinarily be conducted between October and December during the odd semesters and between April and June during the even semesters.
- 10.4 The End Semester examination for project work shall consist of evaluation of the final report submitted by the student or students of the project group (of not exceeding 4 students) by an external examiner followed by a viva-voce examination conducted separately for each student by a committee consisting of the external examiner, and an internal examiner.
 - 10.4.1 The project report shall carry a maximum 60 marks (same mark shall be awarded for the report submitted by every student within the project group) while the viva-voce examination shall carry 100 marks. (Marks are awarded to each student of the project group based on the individual performance in the viva-voce examination oral presentation).
- 10.5 For the End Semester examination in both theory and practical courses including project work the internal and external examiners shall be appointed by the Principal and Chairman, of this institution.

11. PROCEDURE FOR AWARDING MARKS FOR INTERNAL ASSESSMENT

For all theory and practical courses the continuous assessment shall be for a maximum of 20 marks (consisting of 15 marks for tests/experiments and 5 marks for attendance) and for project work, the continuous assessment shall be for a maximum of 40 marks (consisting of 35 marks for project assessment and 5 marks for attendance). The above continuous assessment shall be awarded as per the procedure given below:

11.1.(a) Theory Courses

The maximum marks for internal Assessment shall be 20 marks in case of theory courses. Three tests each carrying 50 marks shall be conducted during the semester by the Department concerned. The total marks obtained in all 3 tests, put together shall be reduced to 15 marks and rounded to the nearest integer. The remaining 5 marks shall be distributed for attendance as follows.

75% ≤ % of attendance ≤ 79 - 1 mark

80% ≤ % of attendance ≤ 84% - 2 marks

85% ≤ % of attendance ≤ 89% - 3 marks

90% ≤ % of attendance ≤ 94% - 4 marks

95% ≤ % of attendance ≤ 100% - 5 marks

(b) Practical Courses:

Every practical exercise / experiment shall be evaluated based on the exercise / experiment prescribed as per the syllabi and the records of work done maintained by the students. There shall be at least one model test for practical during the semester. The criteria for arriving at the internal assessment marks (15 marks) shall be decided based on the performance of the students in the model test and all experiments put together and reduced to 15 marks. The remaining 5 marks shall be awarded for attendance as followed for the theory subject.

(c) Internal Assessment for Theory Courses with Laboratory Component:

The maximum marks for Internal Assessment shall be 20 in case of theory courses with Laboratory component.

If there is a theory course with Laboratory component, there shall be three tests: the first two tests (each 50 marks) will be from theory portions and the third test (maximum mark 50) will be from laboratory component. The sum of marks of first two tests shall be reduced to 15 marks and the third test mark shall be reduced to 15 marks. The sum of these 30 marks may then be arrived at for 15 and rounded to the nearest integer. The remaining 5 marks shall be distributed for attendance as followed in theory subject.

11.2 Project Work:

The HOD shall constitute a review committee for the department concerned for internal evaluation of project. There shall be three review meetings for assessments during the semester by the review committee. The student shall make presentation on the progress made by him / her before the committee. The total marks obtained in the three assessments shall be **reduced for 35 marks** and rounded to the nearest integer. The remaining 5 marks shall be awarded for attendance.

11.3.1 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 (topic covered), for each course. This should be submitted to the Head of the Department periodically (at least three times in a semester) for checking the syllabus coverage and the records of test marks and attendance. The Head of the Department will put his signature and date after due verification and the same may be submitted to the Principal for monitoring the assessment of the students. The HOD of the concerned department may keep the document of attendance and class records in safe custody for submission to the inspection team of NBA / AICTE as and when needed.

12. REQUIREMENTS FOR APPEARING FOR END SEMESTER EXAMINATION

A candidate shall normally be permitted to appear for the End Semester examination of any semester commencing from I semester if he/she has satisfied the semester completion requirements (clause 16) and has registered for examination in all courses of the semester. Registration is mandatory for semester examinations as well as arrears examinations failing which the candidate will not be permitted to move to the higher semester.

A candidate already appeared for subjects or any subject in a semester and passed the examination is not entitled to reappear in the same subject or subjects of the semester for improvement of grades / marks.

13. PASSING REQUIREMENTS

13.1 A candidate who secures not less than 50% of total marks prescribed for the courses with a minimum of 45% of the marks prescribed for the end-semester Examination in both theory and practical courses (including Project work), shall be declared to have passed the examination. The evaluation for the end semester shall be 100 marks.

13.1.1 If a candidate fails to secure a pass in a particular course, it is mandatory that he/she shall register 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.

13.1.2 The internal assessment marks obtained by the candidate in the first appearance shall be retained and considered valid for all subsequent examination till the candidate pass the subjects

14. AWARD OF LETTER GRADES

14.1. All assessments of a course will be done on absolute marks basis. However, for the purpose of reporting the performance of a candidate, letter grades, each carrying certain number of points, will be awarded as per the range of total marks (out of 100) obtained by the candidate in each subject as detailed below:

Letter Grade	Grade Points	Marks Range
S	10	90 – 100
A	9	80 – 89
B	8	70 – 79
C	7	60 – 69
D	6	56 – 59
E	5	50 – 55
U	0	< 50
I	0	Prevented
W	0	Withdrawal
AB	0	Absent

“U” denotes **Fail** and “AB” denotes **absence** in the subject

“W” denotes **withdrawal** from appearing for the examination in the subject. (This grade will figure both in Marks Sheet as well as in Result Sheet.)

The Grade “I” denotes inadequate attendance and hence prevention from writing the end semester examination.

The Grade “I” and “W” will figure only in the Result Sheets.

Grade sheet

After results are declared, Grade Sheets will be issued to each student which will contain the following details:

- The name of Institution
- The list of courses enrolled during the semester and the grade scored.
- The Grade Point Average (GPA) for the semester and
- The Cumulative Grade Point Average (CGPA) of all courses enrolled from first semester onwards.

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

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

“C” Credits allotted for the subjects.

“GP” Grade points earned.

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

14.2 REVALUATION

A candidate can apply for revaluation of his/her semester examination answer paper in a theory course, within 2 weeks from the declaration of results, on payment of a prescribed fee through proper application to the Controller of Examinations through the Head of the Department. A candidate can apply for revaluation of answer scripts for not exceeding 5 subjects at a time. The Controller of Examinations will arrange for the revaluation and the results will be intimated in the institution website as well as through Head of the Department. Revaluation is not permitted for practical courses, seminars, practical training and for project work.

- 14.2.1 After the examination results, the students are allowed to apply for **photocopy of the answer script** in the relevant subject if the student is willing to apply for the same with prescribed fee.

15. ELIGIBILITY FOR THE AWARD OF THE DEGREE

15.1 A student shall be declared to be eligible for the award of the Degree if he/she satisfies the following conditions:

- Successfully gained the required number of total credits as specified in the Curriculum corresponding to his/her Programme within the stipulated time.
- No disciplinary action is pending against him/her.
- The award of the degree must be approved by the Syndicate of the University to which the Institution is affiliated.
- No dues to the institute, Library and Hostels.

16. CLASSIFICATION OF THE DEGREE AWARDED

16.1 First Class With Distinction:

Candidate who qualifies for the award of the Degree (vide clause 15) having passed the examination in all the courses in his/her first appearance within the specified minimum number of semesters securing a **CGPA of not less than 8.50** shall be declared to have passed the examination in **First Class with Distinction**.

Lateral entry candidates have to pass all the six semesters in the first appearance within six consecutive semesters securing a CGPA of not less than 8.5.

16.2 First Class:

A candidate who qualifies for the award of the Degree (vide clause 15) having passed the examination in all the courses within the specified minimum number of semesters plus one year (two semesters), securing a **CGPA of not less than 6.50** shall be declared to have passed the examination in **First Class**. For this purpose the withdrawal from examination will not be construed as an appearance. Further, the authorized break of study (vide clause 18) will not be counted for the purpose of classification.

Lateral entry candidates have to pass all the subjects in the last six semesters within a maximum period of eight consecutive semesters from first semester of lateral entry securing a CGPA of not less than 6.5.

16.3 Second Class:

All other candidates (not covered in clauses 16.1 & 16.2) who qualify for the award of the degree shall be declared to have passed the examination in **Second Class**.

- 16.4. A candidate who is absent in semester examination in a course / project work after having enrolled for the same shall be considered to have appeared in that examination for the purpose of classification.

17 PROVISION FOR WITHDRAWAL FROM END-SEMESTER EXAMINATION

- 17.1. A candidate, may for valid reasons and on prior application, be granted permission to withdraw from appearing for the examination of any one course or consecutive examinations of more than one course in a semester examination.
- 17.2. Such withdrawal shall be permitted only once during the entire period of study of the degree programme.
- 17.3. Withdrawal application is valid only if it is made within 3 working days prior to the commencement of the examination in that course or courses and recommended by the Principal.
- 17.4. Withdrawal shall not be construed as an appearance for the eligibility of a candidate for First Class with Distinction. This provision is not applicable to those who seek withdrawal during VII semester.
- 17.5. Withdrawal from the End semester examination is **NOT** applicable to arrears subjects of previous Semesters.
- 17.6. The candidate shall reappear for the withdrawn courses during the examination conducted in the subsequent semester.

18. PROVISION FOR AUTHORISED BREAK OF STUDY

- 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 candidate may apply for additional break of study not exceeding another one year by paying prescribed fee for break of study. If a candidate intends to temporarily discontinue the programme in the middle of the semester for valid reasons, and to rejoin the programme in a subsequent year, permission may be granted based on the merits of the case provided he / she applies to the **Principal and Chairman well in advance**, along with readmission order from **DOTÉ** but not later than the last date for registering for the end semester examination of the semester.
- 18.2. The candidate permitted to rejoin the Programme after the break shall be governed by the Curriculum and Regulations in force at the time of rejoining. **If the Regulations is changed**, then, those candidates may have to do additional courses as prescribed by the **Principal and Chairman**.
- 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 candidate was admitted shall not exceed the maximum period specified irrespective of the period of break of study in order that he/she may be eligible for the award of the degree.
- 18.5 If any student is detained for want of requisite attendance, progress and good conduct, the period spent in that semester shall not be considered as permitted „Break of Study“ or „Withdrawal“ is not applicable for this case.
- 18.6 Once TC issued for any reason during the course of study,he/she is not permitted to rejoin to course.

19. INDUSTRIAL VISIT

Every student is required to undergo at least one Industrial visit for every semester, starting from the second year of the Programme. Every teacher shall take the students at least for one industrial visit in a semester.

20. PERSONALITY AND CHARACTER DEVELOPMENT

All students shall enroll, on admission, in any one of the personality and character development programmes (the NCC / NSS / NSO / YRC / RRC) and undergo training for about 80 hours and attend a camp of about ten days. The training shall include classes on hygiene and health awareness and also training in first-aid.

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

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

National Sports Organization (NSO) will have sports, Games, Drills and Physical exercises.

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

Red Ribbon Club (RRC) will have activities related to awareness of AIDS among youngsters

While the training activities will normally conducted during week ends. The camp will normally be during vacation period.

Every student shall put in a minimum of 75% attendance in the training and attend the camp compulsorily. The training and camp shall be completed during the first year of the programme. However, for valid reasons, the Head of the Institution may permit a student to complete this requirement in the second year.

21. DISCIPLINE

Every student is required to observe disciplined 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 Institution. The Principal shall constitute a disciplinary committee consisting of Head of the Institution, Two Heads of Department of which one should be from the faculty of the student, to enquire into acts of indiscipline and inform about the disciplinary action recommended for approval by the Principal.

If a student indulges in malpractice in any of the End Semester examination Theory / Practical End Semester examination, the candidate shall be liable for punitive action as per decision of malpractice committee.

Ragging in any dimension is a criminal and non-bailable offence in our country. The current State and Central legislations provide for stringent punishment including imprisonment. Once the involvement is established in ragging, the offending student will be dismissed from the institution and will not be admitted into any other institution. Avenues also exist for collective punishment, if individuals can not be identified in this inhuman act. Every senior student of the Institute, along with the parent, shall give an undertaking every year in this regard and this should be submitted at the time of enrolment.

22. REVISION OF REGULATION AND CURRICULUM

The institution may from time to time revise, amend or change the Regulations, scheme of examinations and syllabi if found necessary.

ANNEXURE-I

ADDITIONAL COURSES TO BE STUDIED BY THE B.Sc. GRADUATES ADMITTED TO III SEMESTER B.E. / B.TECH. (R-2010) UNDER LATERAL ENTRY SCHEME

THE FOLLOWING TWO ADDITIONAL COURSES ARE PRESCRIBED FOR THE B.Sc. GRADUATES

a. The First course to be studied either in their III semester or V semester of study.

SL. No.	COURSE CODE	COURSE TITLE	L	T	P	M	C
1.		Engineering Graphics	2	2	0	100	4

b. The Second course to be studied during the IV or VI semester of their study.

The student can register for any ONE of the following courses as applicable to their Branch of study.

i. For Non-Circuit Branches: (Any one of the Following)

SL. No.	COURSE CODE	COURSE TITLE	L	T	P	M	C
1.		Engineering Mechanics	3	1	0	100	4
2.		Basic Electrical & Electronics Engineering	4	0	0	100	4

ii. For Circuit Branches:

a. For Branches under Electrical Faculty (Any one of the Following)

SL. No.	COURSE CODE	COURSE TITLE	L	T	P	M	C
1.		Circuit Theory (For branches under Electrical Faculty)	3	1	0	100	4
2.		Basic Civil & Mechanical Engineering	4	0	0	100	4

b. For Branches under I & C Faculty (Any one of the Following)

SL. No.	COURSE CODE	COURSE TITLE	L	T	P	M	C
1.		Electric Circuits and Electron Devices (For branches under I & C Faculty)	3	1	0	100	4
2.		Basic Civil & Mechanical Engineering	4	0	0	100	4

Non-Circuit Branches are:

Civil Engineering, Mechanical Engineering, Aeronautical Engineering, Automobile Engineering, Marine Engineering, Production Engineering, Chemical Engineering, Biotechnology, Polymer Technology, Textile Technology, Textile Technology (Fashion Technology), Petroleum Engineering, Plastics Technology.

Circuit Branches are:

- a. **Electrical Faculty:** Electrical and Electronics Engineering, Electronics and Instrumentation Engineering and Instrumentation and Control Engineering.
- b. **Information and Communication Engineering Faculty:** Computer Science and Engineering, Electronics and Communication Engineering, Information Technology and Biomedical Engineering.

ANNEXURE – II

B.E. Degree Programmes :

B.E. Civil Engineering

B.E. Computer Science and Engineering

B.E. Electrical and Electronics Engineering

B.E. Electronics and Communication Engineering

B.E. Mechanical Engineering

