

UNIVERSITY DEPARTMENTS

REGULATIONS 2008

(Common to all B.E / B.Tech Degree (8 –Semester) Programmes of  
University Departments)  
(w.e.f.2008 – 2009)

CREDIT SYSTEM

Degree of Bachelor of Engineering / Technology

1. PRELIMINARY DEFINITIONS AND NOMENCLATURE

In these Regulations, unless the context otherwise requires:

- I) **“Programme”** means Degree Programme, that is B.E./B.Tech. Degree Programme.
- II) **“Discipline”** means Branch or specialization or discipline of B.E./B.Tech. Degree Programme, like Civil Engineering, Information Technology, etc.
- III) **“Course”** means a theory or practical subject that is normally studied in a semester, like Mathematics, Physics, Engineering Graphics, etc.
- IV) **“Director, Academic Courses”** means the authority of the University who is responsible for all academic activities of the University Departments for implementation of relevant Rules and Regulations.
- V) **“Controller of Examinations”** means the authority of the University who is responsible for all activities of the End semester Examinations of the University.
- VI) **“Head of the Institution”** means the Dean of the campus.
- VII) **“Chairman”** means Head of the Faculty.
- VIII) **“Head of the Department”** means Head of the concerned Department of the University
- IX) **“University”** means ANNA UNIVERSITY, CHENNAI.

## **2. ADMISSION PROCEDURE**

- 2.1 Candidates for admission to the first semester of the eight semester B.E / B.Tech. Degree Programme shall be required to have passed:

The Higher Secondary Examination of (10 +2) Curriculum (Academic Stream) prescribed by the Government of Tamilnadu with Mathematics, Physics and Chemistry as three of four subjects of the study prescribed under part-III or any other examinations of any University or authority accepted by the Syndicate of the University as equivalent thereto.

- 2.2. The eligibility criteria such as marks, number of attempts and physical fitness shall be as prescribed by the Syndicate of the University from time to time.

## **3. PROGRAMMES OFFERED**

A candidate may be offered any one of the branches of study approved by the University and offered by the various departments of the University.

Branches offered by the University are listed Facultywise in the [Annexure - I](#)

## **4. STRUCTURE OF THE PROGRAMMES**

- 4.1 Every Programme will have a curriculum with syllabi consisting of theory and practical courses such as:

(i) General core courses comprising Mathematics, Basic Sciences, Engineering Sciences, Humanities and Engineering Arts.

(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/NSO/YRC activities for character development

- 4.2 Each course is normally assigned certain number of credits with 1 credit per lecture period per week, 1 credit per tutorial period per week, 1 credit for 2 periods of laboratory or practical or seminar or project work per week and 1 credit for 2 weeks of industrial training during semester vacations.

- 4.3 Each semester curriculum shall normally have a blend of lecture courses not exceeding 7 and practical courses not exceeding 4.

- 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 of study. The minimum will be between 185 and 195 credits depending on the branch.

- 4.5 The medium of instruction, examinations and project report will be English, except for courses on language other than English.

## 5. DURATION OF THE PROGRAMME

- 5.1 A total of 450 periods (each 50 minutes duration) of instruction of class work shall be conducted within 90 working days for a semester as per the Academic Schedule published by the University.

However, the Head of the Department may conduct additional classes for improvement, Special coaching, etc., over and above the Specified periods.

But for the purpose of calculation of attendance requirements for writing the End Semester Examinations (**as per clause 6** ) by the students only 450 periods per semester conducted within the specified academic schedule alone shall be taken into account and the overall percentage of attendance to be calculated accordingly.

The Head of the Department shall ensure that every teacher imparts instruction as per the number of periods specified in the syllabus and that the teacher teaches the full content of the specified syllabus for the course being taught. The University semester examination will ordinarily follow immediately after the last working day of the semester as per academic schedule prescribed from time to time.

- 5.2 A candidate is ordinarily expected to complete the B.E. / B.Tech. Programmes in 8 semesters (four academic years) but in any case **not more than 14 semesters / (7 years)** for HSC candidates and not more than 12 semesters / (6 years) for lateral entry diploma candidates.
- 5.3 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 5.2 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 A 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 earn 100% attendance. However in order to allow provision for certain unavoidable reasons such as medical/ personal grounds/participation in sports, the student is expected to earn a minimum of 75% attendance. Therefore he/she shall secure not less than 75% of overall attendance in that semester taking into account the total number of periods in all courses attended by the candidate as against the total number of periods in all courses offered during that particular semester.

- 6.2 However, a candidate who could secure attendance between 65% and less than 75% only in one particular semester due to medical reasons (hospitalization / accident / specific illness) or due to participation in the College / University / State / National / International level Sports events with prior permission from the Head of the Department concerned shall be given exemption from the prescribed attendance requirement and he/she shall be permitted to appear for that particular semester examinations.

- 6.3 Candidates who secure **less than 65%** overall attendance will not be permitted to write the End-Semester Examinations and are not permitted to go to next/subsequent semester. They are required to repeat the incomplete semester in the next academic year.

## **7. FACULTY ADVISER**

To help the students in planning their courses of study and for general advise on the academic programme, the Head of the Department of the student 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. Such Faculty Adviser shall advise the students and monitor the courses taken 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. A class committee consists of teachers of the concerned class, student representatives and a chairperson who is not teaching the 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 students in the classroom and in the laboratories in consultation with HOD / Dean.
- Clarifying the regulations of the degree programme and the details of rules therein.
- 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 performance of the students.
- Identifying the weak students, if any, and requesting the teachers concerned to provide some additional help or guidance or coaching to such weak students.

- 8.2 The class committee is normally constituted by the Head of the Department. However, if the students of different branches are mixed in each class the class committee is to be constituted by the Chairperson of the Faculty.

- 8.3 The class committee shall be constituted within a week from the date of commencement of a semester.

- 8.4 At least 4 student-representatives from the respective class (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 Chairperson of faculty may participate in any class committee meeting.
- 8.7 The chairperson of the class committee 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 arrange to circulate among the concerned students and teachers. If there are some points in the minutes requiring action by the University the same shall be brought to the notice of the Director, Academic Courses.
- 8.8 The first meeting of the class committee shall be held within fifteen days from the date of commencement of the semester. The nature and weightage of internal assessments shall be decided in the first meeting, within the framework of the Regulations and the same shall be communicated to the students. Two or three subsequent meetings in a semester may be held at suitable intervals. During these meetings the student members representing the entire class, shall meaningfully interact and express their opinion and suggestions of the class students 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 of disciplines, shall have a "Common Course Committee" comprising all the teachers teaching the common courses with one of them nominated as Course Coordinator. The nomination of the course Coordinator shall be made by the Faculty Chairperson / Dean / HoD duly approved by the Director, Academic courses, depending upon whether all the teachers teaching the common course belong to a single department or several departments. The 'Common Course Committee' shall meet as often as possible and ensure uniform evaluation of internal assessment tests after arriving at a common scheme of evaluation for the tests (subject to clause 10). Wherever feasible, the course committee may also prepare a common question paper for the test(s) and End Semester Examinations. The committee after the evaluation of the End Semester Examination papers of common courses shall decide on the range of marks for awarding letter grades.

## **10. PROCEDURES FOR AWARDING MARKS FOR INTERNAL ASSESSMENT**

Internal Assessment is fixed as 50 marks for theory courses / theory courses with lab components (consisting of 45 marks for tests and 5 marks for attendance) and 75 marks for practical courses (consisting of 70 marks for tests and experiments and 5 marks for attendance) of study of all B.E.& B.Tech. Programmes. The student shall write End Semester Examinations to score additional 50 marks.

#### **10.1 INTERNAL ASSESSMENT FOR THEORY COURSES:**

The maximum marks for Internal Assessment shall be 50 in case of theory courses.

Three tests each carrying 100 marks shall be conducted by the Department. The Total marks obtained in the best 2 tests out of 3 tests put together should be reduced to 45 marks and rounded to nearest integer. The remaining 5 marks shall be distributed for attendance as prescribed in clause 10.5.

#### **10.2 INTERNAL ASSESSMENT FOR PRACTICAL COURSES:**

The maximum marks for Internal Assessment shall be 75 in case of Practical courses. Every practical exercise / experiment shall be evaluated based on conduct of experiment / exercise and records maintained. There shall be at least one model test. The criteria for arriving at the internal assessment marks of 70 marks shall be decided as, out of 70 marks given for continuous assessments 50 marks shall be awarded for successful completion of all experiments done in the Lab. For model test / viva-voce 20 marks shall be the maximum. The remaining 5 marks shall be distributed for attendance as prescribed in clause 10.5.

#### **10.3 INTERNAL ASSESSMENT FOR THEORY COURSES WITH LABORATORY COMPONENT:**

The maximum marks for Internal Assessment shall be 50 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 100 marks) will be from theory portions and the third test (maximum mark 100) will be for laboratory component. The sum of marks of first two tests shall be reduced to 25 marks and the third test mark shall be reduced to 20 marks. The sum of these marks shall be reduced to 45 marks (Vide clause 11) and rounded to nearest integer.

#### **10.4 INTERNAL ASSESSMENT FOR PROJECT WORK:**

There shall be three assessments (each 100 marks) during the semester by a review committee. The student shall make presentation on the progress made before the committee. The Head of the Department shall constitute the review committee for each branch of study. The total marks obtained in the three assessments shall be reduced to 70 marks. The remaining 5 marks shall be distributed for attendance as prescribed in clause 10.5.

There will be a viva-voce examination for End-Semester Examination conducted by one internal examiner and one external examiner.

#### **10.5 ATTENDANCE**

The remaining 5 marks for attendance shall be awarded as given below:

Theory / Practical courses and Project Work

76% to 80% of attendance - 1 mark

81% to 85% of attendance - 2 marks

86% to 90% of attendance - 3 marks

91% to 95% of attendance - 4 marks

96% to 100% of attendance - 5 marks

- 10.6** 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 (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. At the end the semester, the record should be verified by the Head of the Department who will keep this document in safe custody (for five years). The University or any inspection team appointed by the University may inspect the records of attendance and assessment of both current and previous semesters.

## **11. EXAMINATIONS**

The examinations shall ordinarily be conducted between November and December during the odd semesters and between April and May in the even semesters. The maximum marks for each theory and practical course (including the Project work and Viva Voce Examination in the Eighth Semester) shall be 100 with the following breakup.

i) Theory Courses

Internal Assessment : 50 Marks  
End-Semester Exams : 50 Marks

ii) For Practical courses and Project Work

Internal Assessment : 75 Marks  
End-Semester Exams : 25 Marks

- 11.1 The Head of the Department with the approval of the Chairman of the Faculty shall appoint Class Advisor, Faculty Advisor, Class Committee Chairman, Internal and External Examiners and Review Committee etc.

## **12. REQUIREMENTS FOR APPEARING SEMESTER EXAMINATION**

- I. A candidate shall normally be permitted to appear for the semester examination of the current semester if he/she has satisfied the semester completion requirements (vide Clause 6) and has registered for examination in all courses of that semester.

However (for students having arrears of the previous semester courses) to write the end semester examination, registration is mandatory for all the courses of the current semester and all arrears courses of the previous semesters, failing which the candidates will not be permitted to move to the higher semester.

### 13. PASSING REQUIREMENTS

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

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 next semester when examination is conducted in that course; he / she should continue to register and reappear for the examination till he / she secures a pass.

The internal assessment marks obtained by the candidate in the first appearance shall be retained and considered valid for all subsequent attempts till the candidate secure a pass as per clause 13.1.

However, from the 3<sup>rd</sup> attempt onwards if a candidate fails to obtain pass marks (IA + End Semester Examination) as per clause 13.1 then the passing requirement shall be as follows:

- 13.2 The candidate should secure 50% and above the maximum marks prescribed for the course in the university examinations alone.

### 14. AWARD OF LETTER GRADES

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 points, will be awarded as per the range of total marks (out of 100) obtained by the candidate, as detailed below:

Letter Grade	Grade Points
S	10
A	9
B	8
C	7
D	6
E	5
U	0
W	0

“U” denotes failure in the course. (This grade will figure both in Marks Sheet as well as in Result Sheet)

“W” denotes withdrawal from the course

The Grade “I” and “W” will Figure only in the Result Sheets. The Grade “I” denotes inadequate attendance (as per Clause 6.1) and hence prevented from writing end semester examination.

The higher and lower limits of grades may be decided in the Final class committee, (excluding the student members) which passes the Results.

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

The list of courses enrolled during the semester and the grades 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 registered and the grade points corresponding to the grades scored in those courses, taken for all the courses, to the sum of the number of credits of all the courses in the semester.

$$\text{CGPA} = \frac{\sum_{i=1}^n C_i \text{ GP}_i}{\sum_{i=1}^n C_i}$$

where  $C_i$  – is the Credits assigned to the course

$\text{GP}_i$  – 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

CGPA will be calculated in a similar manner, considering all the courses enrolled from first semester. “U”, and “W” grades will be excluded for calculating GPA and CGPA.

- 14.1 Whenever students, having arrear subjects, appear for the end semester examination during which there are no regular batch of students writing the same subjects, then, the letter grades for the arrears subjects shall be awarded based on the range of marks approved by the class committee immediately preceding end semester examination in which regular students wrote.

## 15. ELIGIBILITY FOR THE AWARD OF DEGREE.

- 15.1 A student shall be declared to be eligible for the award of the B.E./B.Tech. Degree provided the student has

- i. Successfully completed the course requirements and has passed all the prescribed examinations in all the 8 semesters within a maximum period of 7 years reckoned from the commencement of the first semester to which the candidate was admitted.
- ii Completed the NCC / NSS / NSO/YRC requirements

iii No disciplinary action pending against the student  
The award of Degree must have been approved by the Syndicate of the University.

## **15.2. CLASSIFICATION OF THE DEGREE AWARDED**

### **15.2.1 FIRST CLASS WITH DISTINCTION:**

The candidates satisfying the following conditions shall be declared to have passed the examinations in first class with distinction.

- (i). A candidate who qualifies for the award of the Degree having passed the examination in all the courses of all the eight semesters within four consecutive years (Eight consecutive semesters) of study in first appearance.
- (ii). The candidate should have secured a CGPA of not less than 8.50 in all the courses prescribed from first semester to eight semesters.

However, for the purpose of classification under clause 15.2.1 (i) &(ii), the authorized withdrawal from appearing for the examination in any one semester in any course or courses in that semester (vide clause 16) will not be construed as an appearance.

### **15.2.2 FIRST CLASS:**

The candidates satisfying the following conditions shall be declared to have passed the examinations in first class:

- (i). A candidate who qualifies for the award of the Degree having passed the examination in all the courses of all the **eight semesters within a maximum period of five consecutive years** (Ten consecutive semesters) reckoned from the commencement of study in the first semester including authorized Break of Study.
- (ii).The candidate should have secured a CGPA of not less than 6.50 in all the courses prescribed for first semester to eight semesters.

### **15.2.3 SECOND CLASS:**

- (i) All other candidates (not covered in clauses 15.2.1 and 15.2.2) who qualify for the award of the degree (vide Clause 16) shall be declared to have passed the examination in **Second Class**.
- (ii). Candidates availing Break of Study facility for the course(s) of 8<sup>th</sup> semester curriculum, during their study in the 10<sup>th</sup> semester and qualifying for the award of degree after the 5<sup>th</sup> year shall be declared to have passed the examination in Second Class.
- (iii). If any student avails withdrawal facility for more than once and unauthorized break of study he / she shall not be considered for the purpose of

classification under 15.2.1 & 15.2.2 and shall be declared to have passed the examination in Second Class.

**15.3.** A candidate 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.

**15.4.** 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 along with prescribed application to the Controller of Examinations through the Head of Departments. The Controller of Examination will arrange for the revaluation and the results will be intimated to the candidate concerned through the Head of the Department. Revaluation is not permitted for practical courses and for project work.

**16. PROVISION FOR WITHDRAWAL FROM EXAMINATION:**

- i) A candidate may, for valid reasons, (medically unfit / unexpected family situations) be granted permission to withdraw from appearing for the examination in any course or courses in any one of the semester examination during the entire duration of the degree programme. Also only one application for withdrawal is permitted for that semester examination in which withdrawal is sought.
- ii) Withdrawal application shall be valid only if the candidate is otherwise eligible to write the examination (Clause 6) and if it is made within TEN days prior to the commencement of the examination in that course or courses and also recommended by the Head of the Department.
- iii) Notwithstanding the requirement of mandatory TEN days notice, applications for withdrawal for special cases under extraordinary conditions will be considered on the merit of the case.
- iv) Withdrawal shall not be construed as an appearance for the eligibility of a candidate for First Class with Distinction and First class.
- v) Withdrawal is NOT permitted for arrears examinations of the previous semesters.

**17. TEMPORARY BREAK OF STUDY FROM A PROGRAMME**

- I. Temporary Break of study shall not be permitted, normally. However, temporary Break of Study shall be granted only once and also for a maximum of one year during the entire period of study of the degree programme. If a candidate intends to temporarily discontinue the programme in the middle, for valid reasons, and to rejoin the programme in a later semester, permission may be granted based on the merits of the case provided he / she applies to the Director, Academic Courses in advance, but not later than the last date for registering for the End Semester Examinations of the semester in question, through the Head of the Department stating the reasons therefor and the probable date of rejoining the programme.

- II. The candidate permitted to rejoin the programme after the break shall be governed by the rules and regulations in force at the time of rejoining.
- III. 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 5.2 irrespective of the period of break of study in order that he/she may be eligible for the award of the degree (vide clause 15.1).
- IV. 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' .

## 18 INDUSTRIAL VISIT / INDUSTRIAL TRAINING

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

18.1 Industrial Training has been included as an optional Elective subject in the list of Electives in curricula of all UG Engineering/Technology degree programmes.

- The students may undergo industrial training for a total period of not less than 6 weeks during summer /winter vacation between IV and VI semesters of study.

DURATION OF TRAINING	CREDITS
Industrial Training (2 Weeks)	1
Industrial Training (4 Weeks)	2
Industrial Training (6 Weeks)	3

- At the end of the industrial training if the student accumulates 3 credits as per the following credit allocation, then the 3 credits so gained, can be adjusted against any one of the electives to be studied, in the subsequent V, VI and VII Semesters based on the following procedure:
  - The Student can accumulate the credits by undergoing training in each semester starting from IV semester onwards but before the VII semester.
  - The student can undergo 6 week training at a stroke or in a distributed schedule during the summer or winter vacation of IV, V and VI semesters.
  - Completion of six weeks training is mandatory to claim 3 credits against an elective slot available in the curriculum of V or VI or VII semester of study.
  - If the candidate completes 6 week Industrial training during summer / winter vacation of IV / V semester, then the student can register for Industrial Training as an Elective subject during VI semester or VII semester.
  - If the student completes 6 week Industrial Training during V/ VI semester winter / summer vacation then the student can register for Industrial Training as one of the elective subjects in the VII semester.

After registration of the Industrial Training as an elective during VI / VII semester the candidate has to follow the procedure given below:-

1. Two seminar presentations based on the Industrial Training and the marks obtained during seminar can be computed as per norms for the internal assessment.
2. A report on 6 weeks Industrial Training undergone by the student during the previous semesters duly attested by a responsible person in the industry in which the student has undergone training and the Head of the Department concerned, shall be submitted at the end of the semester and this report has to be evaluated by the Internal Examiner appointed by the Head of the Department and marks / letter grades have to be given accordingly.
3. For evaluation purpose this elective industrial training shall be treated as practical subject.

## **19. 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) 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 a 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 / Institution.

**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 college/institutions.

While the training activities will normally be during weekends, 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.

## **20. DISCIPLINE**

Every student is required to observe disciplined and decorous behaviour both inside and outside the college and not to indulge in any activity which will tend to bring down the prestige of the University / College.

If a student indulges in malpractice in any of the University / internal examination he / she shall be liable for punitive action as prescribed by the university from time to time.

## **21. REVISION OF REGULATION AND CURRICULUM**

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

## ANNEXURE – I

A candidate may be offered one of the following programmes of study approved by the University

- 1. Faculty of Civil Engineering**
  - i) B.E. Civil Engineering
  - ii) B.E. Geo informatics
  - iii) B.E. Agriculture & Irrigation Engineering (SS)
  
- 2. Faculty of Mechanical Engineering**
  - i) B.E. Aeronautical Engineering
  - ii) B.E. Automobile Engineering
  - iii) B.E. Industrial Engineering
  - iv) B.E. Manufacturing Engineering
  - v) B.E. Mechanical Engineering
  - vi) B.E. Mining Engineering
  - vii) B.E. Printing Engineering
  - viii) B.E. Production Engineering
  - ix) B.E. Material Science and Engineering (SS)
  
- 3. Faculty of Electrical Engineering**
  - i) B.E. Electrical and Electronics Engineering
  - ii) B.E. Electronics and Instrumentation Engineering
  
- 4. Faculty of Information and Communication Engineering**
  - i) B.E. Computer Science and Engineering (Regular & SS)
  - ii) B.E. Electronics and Communication Engineering (Regular & SS)
  - iii) B.Tech. Information Technology (SS)
  - iv) B.E. Biomedical Engineering (SS)
  
- 5. Faculty of Technology**
  - i) B. Tech. Chemical Engineering
  - ii) B. Tech. Textile Technology
  - iii) B. Tech. Leather Technology
  - iv) B. Tech. Industrial Bio-Technology (Regular & SS)
  - v) B. Tech. Ceramic Technology (SS)
  - vi) B. Tech. Food Technology (SS)
  - vii) B.Tech Rubber & Plastics Technology
  - viii) B.Tech Petroleum Refining & Petro-Chemicals (SS)
  - ix) B.Tech Pharmaceutical Technology (SS)
  - x) B.Tech Apparel Technology (SS)

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