

ANNA UNIVERSITY OF TECHNOLOGY MADURAI

REGULATIONS 2010

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REGULATIONS 2010

DEGREE OF BACHELOR OF ENGINEERING / TECHNOLOGY (B.E / B.Tech)

The following Regulations are **applicable to University Departments and to all Engineering Colleges affiliated to Anna University of Technology Madurai and Constituent Colleges other than Autonomous Colleges.**

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. **“Branch”** means specialization or discipline of B.E./B.Tech. Degree Programme, like Civil Engineering, Textile Technology, etc.
- iii. **“Course”** means a theory or practical subject that is normally studied in a semester, like Mathematics, Physics, etc.
- iv. **“Director, Academic Courses”** means the authority of the University who is responsible for all academic activities of the University for implementation of relevant rules of this Regulations.
- v. **“Controller of Examinations”** means the authority of the University who is responsible for all activities of the University Examinations.
- vi. **‘University’** means ANNA UNIVERSITY OF TECHNOLOGY MADURAI.

2. ADMISSION

- 2.1 Candidates seeking admission to the first semester of the eight semester B.E. / B.Tech.

Degree Programme:

Should have passed the Higher Secondary Examination 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 of Technology Madurai as equivalent thereto.

(OR)

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

2.2 Lateral Entry Admission

- I. The candidates who possess the Diploma in Engineering / Technology awarded by the State Board of Technical Education, Tamilnadu or its equivalent are eligible to apply for direct admission to the third semester of B.E. / B.Tech. Under lateral entry scheme in the branch corresponding to the branch of study.

(OR)

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

Such candidates shall undergo two additional Engineering subject(s) in the third and fifth semester or fourth and six semesters respectively as prescribed by the respective Faculty. (See [Annexure – I](#)).

3. PROGRAMMES OFFERED

A candidate may be offered a programme in any one of the branches of study approved by the University (See [Annexure - II](#)), and offered by that college where the candidate is admitted.

Programmes offered in Anna University of Technology Madurai are mentioned in Annexure - II.

4. STRUCTURE OF PROGRAMMES

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 / NSO / YRC / 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 : 1 or 2 credits
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. 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. / B.Tech. 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. The Head of the Institution shall ensure that every teacher imparts instruction as per the number of periods / hours specified in the syllabus and that the teacher teaches the full content of the specified syllabus for the course being taught.

5.3 The Head of the Institution may 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 (as per clause 6) 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 University 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 (vide clause 18.3) 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 attend

atleast 75% of the classes provided not less than 60% in individual courses during **any semester commencing from First semester.**

6.1.1 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, Anna University of Technology Madurai for record purposes.

6.1.2 Candidates who **secure less than 65% of overall attendance** shall not be permitted to write the University examination at the end of the semester 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.

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 of the students 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 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 of the class concerned, student representatives and a chairperson. 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 class room and in the laboratories.
- Clarifying the regulations of the degree programme and the details of rules therein particularly clause 5 and 6 which should be displayed on college Notice-Board.
- 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 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.

- 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 Head of the Institution.
- 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 Head of the Institution 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 Head of the Institution 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 management, the same shall be brought to the notice of the management by the Head of the Institution.
- 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 to satisfy the clause 6 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 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 / Head of the Institution 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 test(s). The committee on common courses, after the evaluation of the end-semester examination papers of common courses shall decide on the range of marks for awarding letter grades as per clause 14.1.

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) University examination at the end of the semester.
- 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 University 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 University examination will carry 160 marks (see also 10.4.1).
- 10.3 The University 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 University 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, the guide of the project group 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 to 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).
- 10.5 For the University examination in both theory and practical courses including project work the internal and external examiners shall be appointed by the University.

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 100 marks shall be conducted during the semester by the Department / College concerned. The total marks obtained in the best 2 tests out of 3, put together shall be reduced to 15 marks and rounded to the nearest integer. The remaining 5 marks shall be distributed for attendance as prescribed in clause 11.3.

(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. There shall be at least one test during the semester. The criteria for arriving at the internal assessment marks (15 marks) shall be decided by the HoD and shall be announced at the beginning of every semester by the Head of the Institution. The remaining 5 marks shall be distributed for attendance as prescribed in clause 11.3.

(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 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 30 marks and the third test mark shall be reduced to 30 marks. The sum of these 60 marks (Vide clause 11) may then be arrived at for 15 and rounded to the nearest integer. The remaining 5 marks shall be distributed for attendance as prescribed in clause 11.3.

11.2 Project Work:

The Head of the Institution shall constitute a review committee for each branch of study. There shall be three 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 distributed for attendance as prescribed in clause 11.3.

11.3 Attendance

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

Theory, Practical courses and Project Work

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

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), 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 of the semester, the record should be verified by the Head of the Institution who will keep this document in safe custody (for 2 years succeeding one Academic year). The University or any inspection team appointed by the University may inspect the records of attendance and assessment of both current and previous semesters.

12. REQUIREMENTS FOR APPEARING FOR UNIVERSITY EXAMINATION

A candidate shall normally be permitted to appear for the University examination of any semester commencing from I semester if he/she has satisfied the semester completion requirements (Subject to Clause 6) 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 University 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 attempts till the candidate secure a pass.

13.2 **Requirement for transferred candidates:** In case of students admitted to colleges affiliated to other Universities and transferred to colleges affiliated to Anna University of Technology Madurai, the student has to undergo complete additional subjects, if necessary, as recommended by a committee headed by the Director – Academic Courses.

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	55 – 59
E	5	50 – 54
RA	0	< 50
I	0	Incomplete
W	0	Withdrawal
AB	0	Absent

“**RA**” denotes **reappearance** and “**AB**” denotes **absence** and hence the result is failure in the subject.

“**W**” denotes **withdrawal** from appearing 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 (as per clause 11) 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 college in which the candidate has studied
- 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. “RA”, “I” and “W” grades will be excluded for calculating GPA and CGPA.

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 Institution. The Controller of Examinations will arrange for the revaluation and the results will be intimated to the candidate concerned through the Head of the Institution. 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 **transparency** and they are permitted to go through the answer scripts on the stipulated time and date. They can apply for revaluation after the transparency, if needed.

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.
- Successfully completed any additional courses prescribed by the Director, Academic courses.
- 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 (vide clause 17) 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 and 16.2) who qualify for the award of the degree (vide Clause 15) 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. (subject to clause 17 and 18)

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 Head of the Institution and approved by the Director, Academic Courses.
- 17.3.1. Notwithstanding the requirement of mandatory THREE working days notice, applications for withdrawal for special cases under extraordinary conditions will be considered on the merit of the case.
- 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 **Director, Student Affairs in advance**, but not later than the last date for registering for the end semester examination of the semester in question, through the Head of the Institution stating the reasons therefore and the probable date of rejoining the programme.
- 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 **Director, Academic courses**.
- 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. (vide Clause 16). 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 in clause 5.1 irrespective of the period of break of study (vide clause 18.3) 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' (Clause 17 and 18.3) is not applicable for this case.

19. INDUSTRIAL VISIT

Every student is required to undergo atleast one Industrial visit for every semester, starting from the second year of the Programme.1

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 / 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.

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

While the training activities will normally be 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 University / College. The Head of the Institution 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 notify the University about the disciplinary action recommended for approval.

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.

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 University 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. Aeronautical Engineering
- B.E. Automobile Engineering
- B.E. Civil Engineering
- B.E. Computer Science and Engineering
- B.E. Electrical and Electronics Engineering
- B.E. Electronics and Communication Engineering
- B.E. Electronics and Instrumentation Engineering
- B.E. Marine Engineering
- B.E. Mechanical Engineering
- B.E. Bio Medical Engineering

B.Tech. Degree Programmes:

- B.Tech. Chemical Engineering
- B.Tech. Biotechnology
- B.Tech. Information Technology
- B.Tech. Textile Technology

