

## ANNEXURE A

### ORDINANCE RELATING TO THE AWARD OF B. TECH DEGREE

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**1. Definitions:**

- 1.1 “Course” means a unit of study offered in a semester.
- 1.2 “Credit” (C) is the weightage assigned to a course in terms of contact hours.
- 1.3 “Grade” means a letter grade assigned to a student based on evaluation of a course on the ten-point scale.
- 1.4 “Grade Point” (g) means the numerical equivalent of a letter grade assigned to a student in the ten-point scale
- 1.5 “Semester Grade Point Average” (SGPA) means index grade point average of a student in a semester calculated in the following manner:

$$SGPA = \frac{\sum_{i=1}^s ci \times gi}{\sum_{i=1}^s ci}$$

ci = Credit of the i<sup>th</sup> course

gi = Grade point secured by the student in the i<sup>th</sup> course

s = Total number of courses offered by the student in a semester

- 1.6 “Cumulative Grade Point Average” (CGPA) means a cumulative index grade point average of a student calculated in the following manner.

$$CGPA = \frac{\sum_{i=1}^n ci \times gi}{\sum_{i=1}^n ci}$$

n = Total number of courses offered by the student up to and including the semester for which cumulative index is required.

CGPA = Cumulative Grade Point Average of the student concerned

- 1.7 “Final Grade Point Average” (FGPA) is the final index of a student at the time of the award of degree
- 1.8 “Final Grade” is the letter equivalent assigned to a student on the basis of his/her final grade point at the time of the award of the degree.
- 1.9 The final grade point average of a student will be worked out on the basis of the formula indicated below:

$$FGPA = \frac{\sum_{i=1}^n ci \times gi}{\sum_{i=1}^n ci}$$

ci = Credit of the i<sup>th</sup> course

gi = Grade point secured by the student in the i<sup>th</sup> course

n = Total number of courses prescribed for the student.

## **2. \*Eligibility for Admission:**

A candidate shall be considered for admission to the Four-year degree programme after 10+2 schooling from any recognized School/Institute through JEE Main ranking.

## **3. Disciplines for B. TECH degree programmes:**

The Programme of study will lead to the award of Bachelor of Technology (B. Tech) Degree. Candidate may seek admission to programmes of studies leading to the award of degree in any of the following disciplines:

- 01 Computer Science and Engineering
- 02 Electronics and Communication Engineering
- 03 Mechanical Engineering

And in such other disciplines as may be decided by the Vice-Chancellor on the recommendation of the Special Committee of the School and notified by the University in the Prospectus/Official website.

## **4. Procedure for Admission:**

The procedure for admission to the B. TECH degree course shall be laid down from time to time by the Special Committee of the School.

## **5. Courses of Study:**

5.1 The School shall prescribe the course(s) and specify the methodology and instructional devices to be used. Every such course shall carry such credits as may be approved by the committee on the recommendations of the school concerned. In any course where an end semester examination is prescribed, a student clears the course only if he/she participated in the sessional work and appeared in the end semester examination and secured a weighted grade higher than 'F'. A student who fails in a course either by not clearing the sessional and consequently being not eligible to appear in the end semester examination, or by failing in the end semester examination, or by absenting from appearing in the end semester examination (for courses having end semester examination) or by failing to secure an overall grade higher than "F" (for course having no end semester examination), shall be required to repeat that course or clear another similar course in lieu thereof irrespective of his/her performance in the sessional work.

5.1.1. If the course that the student has failed by securing a grade "F" in ways mentioned in 5.1 is a core course from the branch, the student shall have to repeat the same course and secure a grade higher than "F". If the course is an elective, the student may opt to clear a similar course in lieu thereof irrespective of his/her performance in the sessional work.

5.2 A student may with the permission of the school be allowed to add/drop or substitute elective course(s) within the permitted period as specified by the university.

## **6. Duration of the B. TECH program:**

The curricular work leading to the award of the B. TECH degree shall be spread over a minimum of eight semesters, 4 monsoon and 4 winter semesters. Provided that a semester or a year may be declared zero semester or zero year in the case of a student if he/she could not continue with the academic programme during that period due to illness and hospitalisation or due to accepting a foreign scholarship/fellowship subject to the fulfilment of requirements as laid down by the regulation. Such zero semester /year shall not be counted for the calculation of the duration of the programme in case of such a student.

## **7. Credit requirement:**

7.1 No student admitted to the programme shall be eligible for the award of B. TECH degree unless he/she secures a minimum of 155 credits in a discipline at the end of the program

7.2 The scheme of instructions of specifying the contact hours inclusive of lecture/tutorial and laboratory work etc, shall be laid down by the academic council on the recommendation of the special committee of the school

7.3 A student may register for the additional credits not exceeding one third of the normal load

7.4 A student shall not be permitted to offer a course if he/she has not previously cleared a course(s) prescribed as per a pre-requisite for the former

## **8. Evaluation:**

8.1 Subject to confirmation by the committee, the method of evaluation in the courses leading to the B. TECH degree shall be prescribed and assessment be conducted by the school

8.2 The pattern hand schedule of sessional work for each course of a semester shall be prescribed by the academic committee on the recommendation of the faculty concerned and shall be made known to the students at the commencement of each semester

8.3 The B. TECH project submitted by a candidate for the award of the B. TECH/degree shall be examined the school.

8.4 The courses and BTP/ dissertation of the student shall be graded on a 10-point scale that is

<b>Grade</b>	<b>Grade Point</b>
A+	9
A	8
A-	7
B+	6
B	5
B-	4
C+	3
C	2
C-	1
F	0

**Note 1: There shall be no rounding off of the SGPA/CGPA/FGPA.**

**2: The SGPA/CGPA/FGPA obtained by a student is out of a maximum possible 9 points**

The Final Grade Point Average obtained by the student shall be classified into the following divisions:

<b>FGPA</b>	<b>Class/Division</b>
8.5 and above	High First Class
7.5 and above but less than 8.5	Middle First Class
6.5 and above but less than 7.5	Lower First Class
5.5 and above but less than 6.5	High Second Class
4.5 and above but less than 5.5	Middle Second Class
4.0 and above but less than 4.5	Lower Second Class

8.5 A student to be eligible for the award of B. TECH degree of the University must have a minimum FGPA of 4.00 (inclusive of project and course work).

**9. \* Grade Point Requirement/Minimum Standard:**

9.1 \* A student will be required to maintain a minimum CGPA of 3.00 in the 1<sup>st</sup> and 3.5 in the 2<sup>nd</sup> semester of 8 semesters program and thereafter 4.00 throughout the program.

9.2 B. TECH degrees may be awarded to all those students who complete the credit requirements for these degrees and who possess the required CGPA of 4.00 and above.

9.3 \*A student with a cumulative index of less than 4.0 at the end of 8 semesters, will be given a maximum of two more semesters to bring up his/ her cumulative index to the prescribed requirement of the B. TECH degree

9.4 A student to be eligible for the award of B. TECH degree of the University must have fulfilled the following requirements:

- (i) He/she has taken and passed all the prescribed courses as laid down:
- (ii) He/she has obtained a minimum CGPA of 4.0 at the end of the program.

10. Notwithstanding what is contained in the Ordinance, the Academic Council may, in exceptional circumstances and on the recommendation of the Special Committee of the School of Engineering as well as on the merits of each individual case, consider at its discretion and for reasons to be recorded, relaxation of any of the provisions except those prescribing CGPA/FGPA requirements.