

GRADING

Award of letter GRADES for UG (B.Tech)

METHOD OF AWARDING LETTER GRADE AND GRADE POINTS FOR B.Tech				
A grade point and letter grade will be awarded to a student in each course based on the performance as per grading system given below.				
Theory/Drawing/Projects / Summer Internship (%) Total (Internal + External)*	Laboratory (%) Total (Internal + External)	Grade Points	Letter Grade	Remark
≥ 80 & < 100	Percentage of Marks ≥ 90	10	O	OUTSTANDING
≥ 70 & < 80	≥ 80 & < 90	9	A+	EXCELLENT
≥ 60 & < 70	≥ 70 & < 80	8	A	VERY GOOD
≥ 55 & < 60	≥ 60 & < 70	7	B+	GOOD
≥ 50 & < 55	≥ 50 & < 60	6	B	ABOVE AVERAGE
≥ 45 & < 50	≥ 45 & < 50	5	C	AVERAGE
≥ 40 & < 45	-	4	P	PASS
< 40	-	0	F	FAIL
-	-	0	Ab	ABSENT
* Subject to special minimums in external exams				

Award of letter GRADES for PG (M.Tech/MBA)

METHOD OF AWARDING LETTER GRADE AND GRADE POINTS FOR PG Courses				
A grade point and letter grade will be awarded to a student in each course based on the performance as per grading system given below.				
Theory/Drawing/Projects / Summer Internship (%) Total (Internal + External)*	Laboratory (%) Total (Internal + External)	Grade Points	Letter Grade	Remark
Percentage of Marks ≥ 90	Percentage of Marks ≥ 90	10	O	OUTSTANDING
≥ 80 & < 90	≥ 80 & < 90	9	A+	EXCELLENT
≥ 70 & < 80	≥ 70 & < 80	8	A	VERY GOOD
≥ 60 & < 70	≥ 60 & < 70	7	B+	GOOD
≥ 50 & < 60	≥ 50 & < 60	6	B	AVERAGE
< 50	< 50	0	F (Fail)	FAIL
Absent		0	Ab	ABSENT
* Subject to special minimums in external exams				

SGPA (SEMESTER GRADE POINT AVERAGE)

The performance of each Student at the end of the each semester is indicated in terms of (SGPA). SGPA is calculated as below:

$$SGPA = \frac{\sum_{i=1}^{n} (CR_i \times GP_i)}{\sum_{i=1}^{n} CR_i}$$

Where CR_i = Credits of the course : GP_i = Grade points awarded for the course; n is the Number of all the course in that particular semester *
SGPA is calculated only for those candidates who passed all the courses in that semester.

CGPA (CUMULATIVE GRADE POINT AVERAGE)

The performance of each Student for the entire course is indicated in terms of (CGPA). CGPA is calculated as below:

$$CGPA = \frac{\sum_{i=1}^{n} (CR_i \times GP_i)}{\sum_{i=1}^{n} CR_i}$$

Where CR_i = Credits of the course : GP_i = Grade points awarded for a course; n is the Number of all courses up to that semester *
CGPA is calculated only for those candidates who passed all the courses up to that semester.

CONVERSION OF GRADE POINT AVERAGE TO PERCENTAGE OF MARKS

$$PERCENTAGE OF MARKS = (GPA - 0.5) \times 10$$

AWARD OF DEGREE AND CLASS

- A student who registers for all the specified Subjects / Courses as listed in the Courses Structure, satisfies all the Courses Requirements, and passes the examinations prescribed in the entire UG / PG Programme (UGP / PGP), and secures the required number of 192/ 88 credits (with CGPS > 5.00 / 6.00), shall be declared to have 'QUALIFIED' for the award of UG / PG Degree in the chosen Branch of Engineering and Technology with specialization as he /she admitted.
- Award of Class : After a student has satisfied the requirements prescribed for the completion of the programme and is eligible for the award of UG / PG Degree, he/she shall be placed in one of the following four classes based on the CGPA.

Class Awarded	CGPA	CGPA
	For UG	For PG
First Class with Distinction	≥ 8.00	≥ 7.75
First Class	≥ 6.50 and < 8.00	≥ 6.75 and < 7.75
Second Class	≥ 5.50 and < 6.50	≥ 6.00 and < 6.75
Pass Class	≥ 5.00 and < 5.50	≥ 5.00 and < 6.00

- A student with the final CGPA (at the end of UGP / PGP) < 5.00 / 6.00 will not be eligible for the Awarded of Degree.