

KADI SARVA VISHWAVIDYALAYA, GANDHINAGAR
HIGHLIGHTS OF BACHELOR OF ENGINEERING (B. E.)
RULES AND REGULATIONS

TITLE AND DURATION OF THE COURSE:

- The course shall be called the degree course in Bachelor of Engineering, abbreviated as B.E.
- The course shall be of four academic years duration divided into eight semesters.
- Each semester having duration of 15 weeks.
- The calendar of events in respect of the course shall be fixed by the University from time to time.
- The examination in all the subjects shall be conducted at the end of each semester for all the eight semesters.
- A student should complete the B. E. programme within a period of 8 years (i.e. 16 semesters) from the date of admission.

Rules for Grading - B.E. Programme

1. Theory Subjects and Practical Subjects are allotted credits as per the hours allocated to them per week. (i.e. For theory/Tutorial 1 hr = 1 Credit, For practical 2 hrs = 1 Credit).
2. To pass a subject in any semester a candidate must obtain a minimum of 40% of marks under each head of the subject and minimum of 40% in the individual subject head.

Courses	University Theory Exam		Mid-Semester Test		Continuous Internal Assessment (CIA)		Practical / Viva	
	Max. Marks	Passing Marks (40%)	Max. Marks	Passing Marks (40%)	Max. Marks	Passing Marks (40%)	Max. Marks	Passing Marks (40%)
B.E.	70	28	30	12	20	08	30	12

3. If a candidate fails in any heads of a subject, he has to appear for that particular head to pass. (That is, for example if candidate fails in midterm exam of a subject, he has to reappear for midterm of that subject.)
4. The performance of each candidate in all the subjects will be evaluated on 7-point scale in term of grades as follow:

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Grading Scheme		%age according to Grade	Grade Points	Qualitative Meaning of Grade
1	A+	90-100	10	Outstanding
2	A	80-89	9	Excellent
3	A-	70-79	8	Very Good
4	B+	60-69	7	Good
5	B	50-59	6	Average
6	B-	40-49	5	Fair
7	F	Less than 40	0	Fail
8	I	Incomplete		

Award of class:

The class awarded to a student with his/her B.E course is decided by his/her final CPI as per the following table:

Distinction	CPI not less than 7.5
First Class	CPI less than 7.5, but not less than 6.5
Second Class	CPI less than 6.5, but not less than 5.5
Pass Class	CPI less than 5.5

SEMESTER PERFORMANCE INDEX (SPI)

- The performance of a student in a semester is expressed in terms of the Semester Performance Index (SPI).
- The Semester Performance Index (SPI) is the weighted average of course grade points obtained by the student in the courses taken in the semester. The weights assigned to course grade points are the credits carried by the respective courses.

$$SPI = \frac{g_1c_1 + g_2c_2 + \dots}{c_1 + c_2 + \dots}$$

Where g_1, g_2, \dots are the grade points obtained by the student in the semester, for courses carrying credits c_1, c_2 respectively.

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CUMULATIVE PERFORMANCE INDEX (CPI)

- The cumulative performance of a student is expressed in terms of the Cumulative Performance Index (CPI). This index is defined as the weightage average of course grade points obtained by the students for all courses taken since his admission to the program, where the weights are defined in the same way as above.
 - If a student repeats a course, only the grade points obtained in the latest attempt are counted towards the Cumulative Performance Index.
- For any Semester the maximum marks for the internal and external assessments shall be shown in the teaching and examination scheme. For the purpose of internal assessment, tests, quizzes, assignments or any other suitable methods of assessment may be used by a department.

Semester Promotion Scheme:

A candidate will be promoted to the subsequent Semester according to the following scheme:

Promotion to	Condition for Promotion
Semester - II	Term of semester – 1 is granted
Semester - III	Term of semester 1 and 2 is granted
Semester - IV	Pass in all subject of semester – 1 and Term of semester 2 and 3 both are granted
Semester - V	Pass in all subject of semester – 1, 2 and Term of semester 3 and 4 both are granted
Semester - VI	Pass in all subject of semester – 1, 2, 3 and Term of semester 4 and 5 both are granted
Semester - VII	Pass in all subject of semester – 1, 2, 3, 4 and Term of semester 5 and 6 both are granted
Semester - VIII	Pass in all subject of semester – 1, 2, 3, 4, 5 and Term of semester 6 and 7 both are granted

The final degree would be awarded to the student on successful completion, of all the Semester.