

PASSING CRITERIA

In order to pass a semester the following three criteria has to be fulfilled by a student.

- ✓ Minimum Grade 'P' (30% of marks) in each theory paper,
- ✓ Minimum of Grade 'C' (40% of marks) in each practical paper and
- ✓ Minimum Grade 'P' (Grade point of 4.0) in aggregate of all papers of the semester

CALCULATION OF GP, SGPA, CGPA & PERCENTAGE OF MARKS

- Each course carries a specific number of Credit Hours (CH) describing the weightage.
- The Grade Point (GP) in each course is expressed through conversion table.
- The Semester Grade Point Average (SGPA) is awarded at the end of each semester and is calculated as follows.

$$SGPA = \left(\frac{\sum \text{Credit Points in each course}}{\text{Total CH in the semester}} \right)$$

- The Cumulative Grade Point Average (CGPA) is awarded on successful completion of all semesters and is calculated as follows.

Illustration of CGPA

Semester-I	Semester-II	Semester-III	Semester-IV	Semester-V	Semester-VI
Credit-20	Credit-22	Credit-25	Credit-26	Credit-26	Credit-25
SGPA:6.9	SGPA:7.8	SGPA:5.6	SGPA:6.0	SGPA:6.3	SGPA:8.0

$$\text{Thus, } CGPA = \frac{20 \times 6.9 + 22 \times 7.8 + 25 \times 5.6 + 26 \times 6.0 + 26 \times 6.3 + 25 \times 8.0}{144} = 6.73$$

- The CGPA can be converted to percentage of marks as given below.

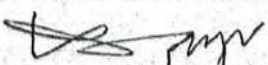
$$\text{Percentage of marks} = (CGPA - 0.5) \times 10$$

CONVERSION TABLE & CLASSIFICATION OF RESULT

% of Marks	Grade Point	Grade Letter	Grade	CGPA / OGPA	Classification of Division
> = 90 – 100	10.0	O	Outstanding	> = 9.5	First Class
> = 80 – < 90	9.0	A+	Excellent	> = 8.5 - < 9.5	
> = 70 – < 80	8.0	A	Very good	> = 7.5 - < 8.5	
> = 60 – < 70	7.0	B+	Good	> = 6.5 - < 7.5	
> = 50 – < 60	6.0	B	Above average	> = 5.5 - < 6.5	Second Class
> = 40 – < 50	5.0	C	Average	> = 5.0 - < 5.5	
> = 30 – < 40	4.0	P	Pass	> = 4.5 – < 5.0	Pass
< 30	0.0	F	Fail	Below 4.5	Fail
		B		> = 5.5	Distinction

ABBREVIATION USED

<p>AECC: Ability Enhancement Course GE: Generic Elective SEC: Skill Enhancement Courses DSE: Discipline Specific Elective</p>	<p>GP: Grade Point TC: Total Credit TCP: Total Credit Points SGPA: Semester Grade Point Average CGPA: Cumulative Grade Point Average</p>
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 15/3/2021
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CALCULATION OF PERCENTAGE OF MARKS IN CORE PAPERS FOR SESSION
2016 AND BEFORE BATCHES

The percentage of marks in Core papers and all papers will be calculated as per the following procedure:-

1.	CGPA in Core Papers (14 papers)	=	$\frac{\text{Credit Points of Core Paper - I + II + III + IV + V + VI + VII + VIII + IX + X + XI + XII + XIII + XIV}}{84}$
2.	Percentage of marks in Core Papers	=	$\{\text{CGPA In Core Papers} - 0.5\} \times 10$
3.	Marks obtained in Core Papers	=	$\text{Percentage of marks in Core Papers} \times 14$
4.	Maximum marks in Core Papers	=	1400
5.	Marks obtained in all papers	=	$\text{Equivalent percentage of marks} \times 24$
6.	Maximum marks in all papers including Core papers	=	2400


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CALCULATION OF PERCENTAGE OF MARKS IN CORE PAPERS FOR SESSION
2017 AND AFTERWARDS

The percentage of marks in Core Papers and all Papers will be calculated as per the following procedure: -

1.	CGPA in Core Papers (14 Papers)	=	$\frac{\text{Credit Points of Core Papers -- I + II + III + IV + V + VI + VII + VIII + IX + X + XI + XII + XIII + XIV}}{84}$
2.	Percentage of marks in Core Papers	=	$(\text{CGPA in Core Papers} - 0.5) \times 10$
3.	Marks obtained in Core Papers	=	$\text{Percentage of marks in Core Papers} \times 14$
4.	Maximum marks in Core Papers	=	1400
5.	Marks obtained in all Papers	=	$\text{Equivalent percentage of marks} \times 26$
6.	Maximum marks in all Papers including Core Papers	=	2600


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No. 1236 /EC.

Date 05.10.2018 /

TO WHOM IT MAY CONCERN

It is for the information of all concerned that the following procedure is adopted in the calculation of CGPA and its equivalent percentage under CBCS course pattern.

Sl. No.	Name of the course	Examination conducted with maximum marks in the examination	Marks converted to 100%	Range of marks obtained	Assignment of letter grade and grade points	Credit assigned to the course	Total credit points (Grade Point x Credit)
1.	AECC - I & II	50	100	< 30	F - 0	2	0
				> = 30 - < 40	P - 4	2	8
				> = 40 - < 50	C - 5	2	10
				> = 50 - < 60	B - 6	2	12
				> = 60 - < 70	B+ - 7	2	14
				> = 70 - < 80	A - 8	2	16
				> = 80 - < 90	A+ - 9	2	18
				> = 90 - 100	O - 10	2	20
2.	SEC - I & II	50	100	< 30	F - 0	2	0
				> = 30 - < 40	P - 4	2	8
				> = 40 - < 50	C - 5	2	10
				> = 50 - < 60	B - 6	2	12
				> = 60 - < 70	B+ - 7	2	14
				> = 70 - < 80	A - 8	2	16
				> = 80 - < 90	A+ - 9	2	18
				> = 90 - 100	O - 10	2	20
3.	GE with practical (Theory)	75	100	< 30	F - 0	4	0
				> = 30 - < 40	P - 4	4	16
				> = 40 - < 50	C - 5	4	20
				> = 50 - < 60	B - 6	4	24
				> = 60 - < 70	B+ - 7	4	28
				> = 70 - < 80	A - 8	4	32
				> = 80 - < 90	A+ - 9	4	36
				> = 90 - 100	O - 10	4	40

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4.	GE with practical (Practical)	25	100	< 30	F - 0	2	0
				> = 30 - < 40	P - 4	2	8
				> = 40 - < 50	C - 5	2	10
				> = 50 - < 60	B - 6	2	12
				> = 60 - < 70	B+ - 7	2	14
				> = 70 - < 80	A - 8	2	16
				> = 80 - < 90	A+ - 9	2	18
				> = 90 - 100	O - 10	2	20
5.	GE without practical (Theory)	100	100	< 30	F - 0	6	0
				> = 30 - < 40	P - 4	6	24
				> = 40 - < 50	C - 5	6	30
				> = 50 - < 60	B - 6	6	36
				> = 60 - < 70	B+ - 7	6	42
				> = 70 - < 80	A - 8	6	48
				> = 80 - < 90	A+ - 9	6	54
				> = 90 - 100	O - 10	6	60
6.	Core & DSE with practical (Theory)	75	100	< 30	F - 0	4	0
				> = 30 - < 40	P - 4	4	16
				> = 40 - < 50	C - 5	4	20
				> = 50 - < 60	B - 6	4	24
				> = 60 - < 70	B+ - 7	4	28
				> = 70 - < 80	A - 8	4	32
				> = 80 - < 90	A+ - 9	4	36
				> = 90 - 100	O - 10	4	40
7.	Core & DSE with practical (Practical)	25	100	< 30	F - 0	2	0
				> = 30 - < 40	P - 4	2	8
				> = 40 - < 50	C - 5	2	10
				> = 50 - < 60	B - 6	2	12
				> = 60 - < 70	B+ - 7	2	14
				> = 70 - < 80	A - 8	2	16
				> = 80 - < 90	A+ - 9	2	18
				> = 90 - 100	O - 10	2	20
8.	Core & DSE without practical (Theory)	100	100	< 30	F - 0	6	0
				> = 30 - < 40	P - 4	6	24
				> = 40 - < 50	C - 5	6	30
				> = 50 - < 60	B - 6	6	36
				> = 60 - < 70	B+ - 7	6	42
				> = 70 - < 80	A - 8	6	48
				> = 80 - < 90	A+ - 9	6	54
				> = 90 - 100	O - 10	6	60


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