

calculations of SGPA & CGPA

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The calculations of SGPA and CGPA is illustrated below as an example:

Table-5: SGPA and CGPA calculation

Course	Credit m_i	Grade Letter	Grade Point o_i	Credit Point (Credit $\times$ Grade)	SGPA (Credit Point/Credit)
Semester-I					
MJC 1	06	A	8	48	6.75 (135/20)
MIC1	03	B+	7	21	
MDC1	03	B+	7	21	
AEC-1/MIL	02	B	6	12	
SEC-1	03	B	6	18	
VAC-1	03	C	5	15	
Total	20			135	
Semester-II					
MJC-2	06	A	8	48	6.75 (135/20)
MIC-2	03	B+	7	21	
MDC-2	03	B+	7	21	
AEC-2/EVS	02	B	6	12	
SEC-2	03	B	6	18	
VAC-2	03	C	5	15	
Total	20			135	
Semester-III					
MJC-3	05	A	8	40	7.2 (144/20)
MJC-4	04	A	8	32	
MIC-3	03	B+	7	21	
MDC-3	03	B+	7	21	
AEC-3	02	B	6	12	
SEC-3	03	B	6	18	
Total	20			144	
Semester-IV					
MJC-5	05	A	8	40	7.4 (148/20)
MJC-6	05	A	8	40	
MJC-7	05	B+	7	35	
MIC-4	03	B+	7	21	
AEC-4/NCC	02	B	6	12	
Total	20			148	

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Semester-V					
MJC-8	05	A	8	40	6.9 (138/20)
MJC-9	05	B+	7	35	
MIC-5	03	B+	7	21	
MIC-6	03	B	6	18	
INT	04	B	6	24	
Total	20			138	
Semester-VI					
MJC-10	04	A	8	32	7.2 (144/20)
MJC-11	05	B ⁺	7	35	
MJC-12	05	B ⁺	7	35	
MIC-7	03	B	6	18	
MIC-8	03	A	8	24	
Total	20			144	
Semester-VII					
MJC-13	05	A	8	40	7.1 (142/20)
MJC-14	05	A	8	32	
MJC-15	06	B ⁺	7	42	
MIC-9	04	B ⁺	7	28	
Total	20			142	
Semester-VIII					
MJC-16	04	A	8	32	8.4 (168/20)
MIC-10	04	B ⁺	7	28	
Research Project/ Dissertation	12	A ⁺	9	108	
Total	20			168	

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5	Semester 6	Semester 7	Semester 8
Credit :20; SGPA :6.75	Credit :20; SGPA :6.75	Credit :20; SGPA :7.2	Credit :20; SGPA :7.4	Credit :20; SGPA :6.9	Credit :20; SGPA :7.2	Credit :20; SGPA :7.1	Credit :20; SGPA :8.4
CGPA	$(20 \times 6.75 + 20 \times 6.75 + 20 \times 7.2 + 20 \times 7.4 + 20 \times 6.9 + 20 \times 7.2 + 20 \times 7.1 + 20 \times 8.4) / 160 = 7.2125$						

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The award sheet of the students will show the grades obtained in all courses/papers offered in each semester, the SGPA/CGPA and the promotion status.

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- The student shall have to obtain a minimum CGPA = 4.5 for the award of Bachelor Degree.
- If a candidate got CGPA less than 4.5 but earned required credits and pass in all papers/courses then 0.5 will be added in actual CGPA obtained but total CGPA should not exceed 4.5.
- If a student fails in any semester a grace of maximum 05 Marks in split manner may be provided to make clear the subjects / Course in which the student is fail.

The following formula shall be used to find percentage equivalent to CGPA;

$$\% \text{ of marks} = (\text{CGPA}) \times 10$$

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