CREDIT AND GRADING SYSTEM

"Credit defines the quantum of content/syllabus prescribed for a course and determines the number of hours of instruction required"

The College resolved to implement Credit/Grade system w.e.f 2017-18 admitted batch of students in all degree programmes with the following guidelines keeping in view the present semester system and CBCS pattern.

Objectives:

➤ The theory allocation and work load for degree programmes is as follows:

2 hours/week	1 Credit
2-3 hours/week	2 credits
4-5 hours/week	3 Credits
6-7 hours/week	4 Credits

➤ For all theory courses 40% of marks are allotted for internal assessment and the remaining 60% of marks are allotted for external evaluation from the academic year 2017-18 onwards.

➤ For the Practical courses 50% of marks are allotted for internal assessment and the remaining 50% of marks are allotted for external evaluation for the academic year 2017-18 onwards

➤ Minimum pass % is 40% out of 40 marks   for internal assessment i.e.16/40

➤ 40% is the pass minimum for external examination i.e. 24/60.

➤ 40% is the pass minimum for practical examination out of 50 marks i.e. 20/50.

> Grades shall be awarded on the basis of marks secured on a 6 point scale as indicated below

Grade	Explanation	% of Aggregate Marks	Grade Point
O	Outstanding	90-100	10
A	Very Good	80-89	9
B	Good	70-79	8
C	Average	60-69	7
D	Pass	50-59	6
E	Pass	40-49	5
F	Fail	Below 40	0

CALCULATION OF CGPA AND SGPA

Cumulative performance of all the semesters together will reflect performance in the whole programme and it is known as Semester Grade Point Average (SGPA), Cumulative Grade Point Average (CGPA) respectively. Thus SGPA/CGPA are the real indicators of a students' performance of the programme. CGPA is computed as the ratio of total credits points secured by a student in various courses in all semesters and sum of the total credits of all courses in all semesters. SGPA, CGPA may be computed up to two decimal places.

The UGC recommends the following procedure to compute the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA):

The SGPA is the ratio of sum of the product of the number of credits with the grade points scored by a student in all the courses taken by a student and the sum of the number of credits of all the courses undergone by a student, i.e

$$\textbf{SGPA (S}_i\textbf{)} = \sum(\textbf{C}_i \textbf{ x G}_i) / \sum \textbf{C}_i$$

where C_i is the number of credits of the ith course and G_i is the grade point scored by the student in the ith course.

The CGPA is also calculated in the same manner taking into account all the courses undergone by a student over all the semesters of a programme, i.e.

$$\text{CGPA} = \sum(Ci \times Si) / \sum Ci$$

where Si is the SGPA of the ith semester and Ci is the total number of credits in that semester.

Illustration for SGPA

Course	Credit	Grade letter	Grade point	Credit Point (Credit x Grade
Course 1	3	A	9	3 X 9 = 27
Course 2	4	B	8	4 X 8 = 32
Course 3	3	C	7	3 X 7 = 21
Course 4	3	O	10	3 X 10 = 30
Course 5	3	D	6	3 X 6 = 18
Course 6	4	E	5	4 X 5 = 20
	20			148

Thus, SGPA =148/20 =7.4

Illustration for CGPA

Semester 1	Semester 2	Semester 3
Credit : 20	Credit : 22	Credit : 25
SGPA: 6.9	SGPA:7.8	SGPA: 5.6
Semester 4	**Semester 5**	**Semester 6**
Credit : 26	Credit: 26	Credit : 25
SGPA: 6.0	SGPA: 6.3	SGPA: 8.0

Thus, **CGPA** = 20 x 6.9 + 22 x 7.8 + 25 x 5.6 + 26 x 6.0 + 26 x 6.3 + 25 x 8.0 = **6.73**

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