



क्र: MANIT/ACE/ S- 65-3.1/7242A

दिनांक: 15.07.2026

CLARIFICATION

Subject: - Clarification on CGPA calculation as per UG Ordinance.

Reference: - Senate resolution on item S-65.2026-III-3.1 dt.17-06-2026.

This is to clarify that "mean" in the formula used in UG Ordinance 2016 clause 8.4 given below signifies "Weighted Average", as credit in each semester are different.

UG Ordinance 2016, Clause 8.4:

8.4 COMPUTATION OF THE SEMESTER GRADE PERFORMANCE AVERAGE (SGPA) AND CUMULATIVE GRADE PERFORMANCE AVERAGE (CGPA)

The SGPA is an indicator of the overall academic performance of a student in all the courses he/ she has registered during a given semester.

Formulas for Calculation of SGPA, CGPA and GGPA are as follows:

$$SGPA = \frac{\sum(\text{number of credits earned in each subject} \times \text{grade points of respective subject})}{\text{Total number of credits in that semester}}$$

$$CGPA = \text{Mean of ODD and EVEN Semester SGPA's.}$$

$$GGPA = \text{Mean of all CGPA's.}$$

UG Ordinance 2024, Clause 6.2:

g) **Semester Grade Point Average (SGPA):** The Semester Grade Point Average (SGPA) is a weighted average of the grade points earned by a student in all the courses credited and describes his/her academic performance in a semester.

$$SGPA = \frac{\sum_{\text{Semester}}(\text{Course credits} \times \text{Grade point})}{\sum_{\text{Semester}}(\text{Course credits})}$$

h) **Cumulative Grade Point Average (CGPA) -** The Cumulative Grade Point Average (CGPA) indicates the overall academic performance of a student in all the courses registered up to and including the latest completed semester. It is computed in the same manner as the SGPA, considering all the courses, and is given by

$$CGPA = \frac{\sum_{\text{All Semesters}}(\text{Course credits} \times \text{Grade point})}{\sum_{\text{All Semesters}}(\text{Course credits})}$$

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