



संख्या/No/Acad/Gen./..... 705

दिनांक/Date..... 03.02.2023

## TO WHOM IT MAY CONCERN

### Calculation of Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA)

The letter Grades awarded to a student in all the courses (except audit courses) shall be converted into a semester and cumulative performance index called the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA), to be calculated as follows:

$$\text{S.G.P.A} = \frac{\sum_{i=1}^n C_i \times P_i}{\sum_{i=1}^n C_i}$$

Where,

$C_i$  = Number of credits of the  $i$  course of a semester for which SGPA is to be calculated

$P_i$  = Grade point obtained in  $i$  course

$i = 1, \dots, n$ , represent the number of courses in which a student is registered in the concerned semester.

$$\text{C.G.P.A} = \frac{\sum_{i=1}^m C_i \times P_i}{\sum_{i=1}^m C_i}$$

Where,

$C_i$  = Number of credits of the  $i$  course, up to the semester for which CGPA is to be calculated. The CGPA shall be calculated taking all the subjects registered including a course in which 'F' grade is awarded till date starting from the beginning but if the student has cleared a course, in which the student had backlog, the new grade will replace the old grade while calculating CGPA.

$P_i$  = Grade point earned in  $i$  course.

$i = 1, \dots, m$ ; represent the number of courses in which a student was registered till date.

### **Conversion of CGPA to Percentage**

The conversion formula for CGPA to equivalent percentage for training and placement purpose is as follows:

CGPA	Equivalent percentage of marks
$4.00 \leq \text{CGPA} \leq 9.00$	$10 * \text{CGPA} + 5.00$
$\text{CGPA} > 9.00$	95.00

*Rajiv*

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