Grading System

UGC Policy Document

- We have to provide Gender-Free opportunities for all Living Human Beings, along with Art, Science, Engineering and Other Affiliates.

- Engineering has been the origin of the whole concept of Liaison with Work-place for Training and Job Placements.

- With this as the foundation, the document **Guidelines For Credit Based Courses and Opportunities for Internship with local Industry, Business, Artists, Crafts Persons etc.** has been prepared by an expert committee constituted by the UGC and submitted to them for consideration.

Committee

Prof. (Dr.) T.G. Sitharam (Chairman)
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Members,

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UGC Policy Document

A review of the Evaluation Reforms Document in Light of the Recommendations of NEP-2020.

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GPA and CGPA

- The Grade Point Average (GPA) is computed for one Quarter/ Trimester/ Semester/ Module and even Sandwich System with multiple degrees of variety (Degrees of Freedom/ Independence) and Cumulative Grade Point Average (CGPA) are the measures of performance of students for the work done in a semester and across all semesters, respectively.

- Numerically, it should be expressed up to three decimal places.

GPA (Si) = ∑(Ci x Gi) / ∑Ci

(where Ci is the number of credits of the ith course
and Gi is the grade point scored by the student in the ith course)

GPA and CGPA

- The GPA 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 in a Quarter/ Trimester/ Semester/ Module and the sum of the number of credits of all the courses completed by a student

GPA and CGPA

$$CGPA = \sum(C_i \times S_i) / \sum C_i$$

(where S_i is theSGPA of the ith Quarter/ Trimester/ Semeste/
Module and C_i is the total number of credits in that Quarter/
Trimester/ Semester/ Module)

- Numerically, all GPA computations should be expressed up to three decimal places. This will ensure
  - Greater precision in assigning credit to student's academic achievements
  - Greater precision in discerning differences in achievement
  - More precision in conversions from one format to another

- CGPA is a much better and well-understood concept.

10-Point Grading System

- A 10-Point grading mechanism is in fact the union of two 5-point grading schemes already in vogue at Banaras Hindu University (now BHU-IIT) and other IITs, notably IIT Delhi.

- The 10-point grading is recommended to bring uniformity and to facilitate migration from one University to the other either for higher studies or as lateral transfer.

- It should be used as an index of performance of students undergoing a course.

- **Corresponding letter grading is essentially at the levels, i.e., A, B, C, D and E (Extension) in place of F (Failure).**

- Letter grade A indicates 'Outstanding' performance and going down to letter grade D which indicates 'Pass'.

10-Point Grading System

- Increasing the granularity of letter grades, i.e., to A+, A-, etc. is permissible and can be decided by the respective Academic Council of universities/ IITs.

- A Super/ Honours Grade A++ can also be assigned to reflect extraordinary achievements. Numerically, this would be the same as the letter grade A, however, these may be used for scholarships, awards, special recognition etc.

- **For non-credit courses, only 'Audit' rather than 'Satisfactory' or "Unsatisfactory' shall be indicated instead of the letter grade.**

10-Point Grading System

- All letter grades after D grade should indicate a 'Extension' rather than 'Fail' only.

- However, a 'Extension' rather than 'Fail' grade can also have levels of attendance, for instance, 'Extension' Grade with greater than or equal to 60% attendance and performance in a course can be allowed to register for courses that have this course as a prerequisite.

10-Point Grading System

- Prerequisite courses broadly reflect the skill sets or competencies that must be acquired before registering for a course that requires foundational knowledge.

- Though, 'Extension'/ Audit Grade rather than 'Fail' grade, may reflect unsatisfactory performance in the concerned course, but may not always mean that the student has not acquired the prerequisite skill set for a future course.

- Therefore, to provide benefit, a student may be allowed to register for a course with prerequisites if the performance in the prerequisite course has at least greater than or equal to 60% attendance and the 'Extension'/ Audit grade.

10-Point Grading System

- The respective Academic Council of universities can decide on the grade or percentage of marks required to pass in a course and the CGPA required to qualify for a degree.

- Grades can also be separately awarded for internal and external evaluation in each course.

- The weightage of internal and external evaluation can also be decided by the Academic Council of Universities.

- However, some minimum/ maximum Internal/ external weightage must be decided by them.

10-Point Grading System

- External evaluation is no longer in currency in Recognized Advanced Institutes like IITs, which may also be referred to as HEIs of stipulated quality.