

Grading System and Evaluation

The grades and their description, along with equivalent numerical points wherever applicable are listed below:

Grade	Grade Points	Description
A+	10	Outstanding
A	9	Very Good
B+	8	Good
B	7	Average
C	6	Below Average
D	5	Marginal
F	0	Fail
R	0	Insufficient Attendance
NP	-	Audit Pass
NF	-	Audit Fail
I	-	Incomplete
W	-	Withdrawal
S	-	Satisfactory Completion
U	-	Unsatisfactory

The norms for the award of the letter grade are as follows:

- No student can be awarded D or better grade without securing at least 30% marks in any course.
- It is also mandatory that the student should secure at least 30% marks in the End Semester examination in the subject for award of D or better Grade.
- The Grading shall be relative grading system.

Description of Grades

'A+' Grade

- The 'A+' grade stands for outstanding achievement. The minimum percentage for the award of an 'A+' grade is 80% at least. However, individual course coordinators may set a higher performance requirement. 'A+' grade may be given to a maximum of 5% students registered in a course.

'A, B+, B, C, D' Grades

- The class average marks (after excluding the marks obtained by students with A+ and F grade) should be in the mid - range of B grade and other grade (A, B+, C and D) ranges are to

be fixed appropriately, so that, the distribution of number of students in the pass grades is a “near normal bell curve”.

‘F’ Grade

- The ‘F’ grade denotes poor performance and indicates failing a course.
- A student has an option to take the course with F grade either in study mode or examination mode when offered next.
- A student with F grade is also eligible to take Make-up Examination (see rule for Make-up examination: point no. 13).
- In case of the elective courses in which F grade has been obtained the student may take the same course or any other course from the same category.
- When a student gets F grade in any subject(s) during a semester, the SGPA of that semester and the CGPA at the end of that semester will be tentatively calculated by taking 'zero point' for these subject(s). After these transitional grades have been converted to appropriate grades, the SGPA for the semester and CGPA at the end of the semester will be recalculated after taking into account the new grades.

‘R’ Grade

- Students not having the mandatory requirement of minimum 75% attendance in any subject(s), shall not be permitted to appear for the end semester examination in that particular subject(s) and is awarded ‘R’ Grade in that subject(s). Such student has to register/repeat in study mode for the subject in which he/she has shortage of attendance, as and when the course will be offered next.
- When a student gets ‘R’ grade in any subject(s) during a semester, the SGPA of that semester and the CGPA at the end of that semester will be tentatively calculated by taking 'zero point' for these subject(s). After these transitional grades have been converted to appropriate grades, the SGPA for the semester and CGPA at the end of the semester will be recalculated after taking into account the new grades.

‘NP and NF’ grades

- The NP Grade denotes completion of the Audit course. The NF grade denotes Audit fail. These grades are awarded in a course that the student opts to audit. Only an elective course can be audited until one week after the mid semester examination. The Audit Pass (NP) is awarded if the student’s attendance is above 75% in the class and he/she has obtained at least a D grade. The Course Coordinator can specify a higher criterion for audit pass at the beginning of the semester. If either of these requirements is not fulfilled, an audit fail (NF) is awarded. The grades obtained in an audit course are not considered for the calculation of SGPA or CGPA.

‘T’ grade

- If a student misses the end-semester examinations due to a compelling reason like serious illness of himself/ herself which necessitates hospitalization or a calamity in the family, he/she may appeal to the Dean Academics before commencement of examination through his/her Head of the Department and Institute Medical Officer for permitting himself/ herself to appear in the subsequent examination(s), when conducted next. A



committee consisting of the following members may, after examining the documents and being convinced about the merit of the case, recommend permitting him/her to appear in the subsequent re-examination(s), when conducted next, condoning his/her absence. In such cases transitory grade 'T' is temporarily awarded to the student in the subject.

Sub - committee:

- i. Dean-Academic, Chairman.
- ii. Dean- Student welfare, Member.
- iii. Concerned Head of the Department, Member.
- iv. The Institute Medical officer, Member.

The Assistant Registrar (Academic) - will assist the committee.

When a student gets I Grade for any subject(s) during a semester, the SGPA of that semester and the CGPA at the end of that semester will be tentatively calculated ignoring this (these) subjects. After these transitional grades have been converted to appropriate grades, the SGPA for the semester and CGPA at the end of the semester will be recalculated after taking into account the new grades.

• **'W' Grade**

The 'W' grade is awarded in a course where the student has opted to withdraw from the course.

• **S and U grades**

The S grade denotes satisfactory performance and completion of a course. The U grade denotes unsatisfactory performance of a course and if it is a mandatory course, the student will have to register for the course until he/she obtains the S grade. The specific courses in which S/U grades are awarded are NCC/NSO/NSS, Extra Curricular Activity.

SGPA & CGPA Calculation

Semester Grade Point Average (SGPA) will be computed for each semester. The SGPA will be calculated as follows:

$$SGPA = \frac{\sum_{i=1}^n C_i GP_i}{\sum_{i=1}^n C_i}$$

where C_i =credit for the course.

GP_i =the grade point obtained for the course.

n =number of subject register for the semester.



Starting from second semester a Cumulative Grade Point Average (CGPA) will be computed for every student at the end of every semester. The CGPA would give the Cumulative performance of the student from the first semester up to the end of the semester to which it refers and calculated as follows:

$$CGPA = \frac{\sum_{i=1}^n S_i C_i}{\sum_{i=1}^n C_i}$$

where S_i =SGPA of the semester.

C_i =total number of credits register for during a particular semester.

n =number of semester under consideration.

The CGPA, SGPA and the grades obtained in all the subjects in a semester will be communicated to every student at the end of every semester except eighth semester. In its place a consolidated grade sheet is issued. This consolidated grade sheet supersedes all the earlier grade sheets.

Both SGPA and CGPA will be rounded off to the second place of decimal and recorded as such. Whenever these grade point averages are to be used for the purpose of determining the inter se merit ranking of a group of students, only the rounded off values will be used.

Assessment of Academic Performance

(a) **Theory Course:** 100 marks with the following weightages:

Continuous Evaluation	20 Marks
Mid Semester Examination	25 Marks
Marks due to Course Attendance	5 Marks (Maximum)
End Semester Evaluation	50 Marks

- Continuous evaluation comprises of class tests/surprise tests/assignments/quizzes, which will be decided by course coordinators.
- Maximum 5 marks for course attendance is distributed as follows:

Attendance to be rounded off to nearest integer.

Attendance (in %)	Marks
75% Above	3
80% and Above	4
90% and Above	5



(b) Laboratory Course: 100 marks with the following weightages:

Continuous Evaluation	50 Marks
End Semester Examination	50 Marks

The components of continuous evaluation, may be taken as following example for evaluation:

- For Every laboratory course there will be 5 marks. Suppose number of labs conducted is 14 in that semester then 70 marks will be scaled down to 50 for continuous evaluation and if number of labs conducted is 8 then the 40 marks will be scaled up to 50.
- 5 marks of each laboratory will be given on following breakups by scaling down of total 50 marks.
 1. Laboratory Report of Previous Experiment - 10 marks
 2. Viva Voce of Present experiment - 20 marks
 3. Performance in Present experiment - 20 marks

The mode and nature of the evaluation and the corresponding weightages, for the subcomponent shall be intimated to the students at the beginning of the semester along with the lecture schedule.

(c) Theory Course with Laboratory

A course having theory as well as laboratory component, will be evaluated with 60% weightages to theory and 40 % weightages to laboratory for overall grading, with independent marking system given above for theory and laboratory courses.

- Details of project work evaluation is provided in Appendix -I.
- Guidelines for preparation of project report is provided in Appendix VI.

=====

