



Evaluation and Grading

UG

1. Internal Evaluation

20% of the total marks in each course are for internal evaluation. The colleges shall send only the marks obtained for internal examination to the university. The internal assessment shall be based on a predetermined transparent system involving written test, classroom participation based on attendance, assignment and seminar/viva in respect of theory courses. For practical courses it is based on lab involvement and records.

Table 1: Components of Evaluation

Sl no.	Component	Marks
1	Class room participation based on attendance (20%)	3
2	Test papers I (40%)	6
3	Assignment (20%)	3
4	Seminar/ Viva (20%)	3
	Total Marks	15

*Viva: CHE1B01, CHE2B02, CHE3B03, CHE4B04, CHE5B06, CHE6B10, CHE6B11, CHE6B12 and elective course; Seminar: CHE5B07, CHE5B08 and CHE6B09.

Table 2: Percentage of attendance based on class room participation and Eligible Marks

% of attendance	Marks
85% and above	3
75 <85%	2
50-<75%	1

Table 3: Pattern of Test Papers

Duration	Pattern	Total number	Number of questions to be answered	Marks for each question	Ceiling of Marks
1 hour	Short answer	6	Upto 6	2	10
	paragraph	4	Upto 4	5	15
	essay	2	1	10	10
Total marks					30

*85% and above = 6, 65 to below 85% = 5, 55 to below 65% = 4, 45 to below 55% = 3, 35 to below 45% = 2, below 35% = 1



External Evaluation

External evaluation carries 80% marks. Partical examinations along with viva-voce will be conducted at the end of IVth and VIth Semesters.

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The evaluation scheme for each course shall contain two parts

- (a) Internal evaluation
- (b) External evaluation.

Its weightages are as follows:

Evaluation	Weightage
Internal	1 (or 20%)
External	4 (or 80%)

Both internal and external evaluation will be carried out using Direct Grading System, in 6 point scale.

Internal evaluation (must be transparent and fair):

Theory: 5 weightages

- (a) Internal Examinations- weightage = 2 (2 internal exams, both should be considered)
- (b) Assignments and Exercises- weightage = 1
 - i. Seminars/Viva Voce- weightage = 1
 - ii. Attendance –weightage = 1

Practical: 10 weightages

- a) Attendance – weightage = 2
- b) Lab. skill/quality of their results- weightage = 2 c) Model practical test-weightage = 2 (Best one, out of two model exams is considered)
- d) Record-weightage = 2
- e) Viva Voce- weightage = 2

Project: 10 weightages



- a) Literature survey and data collection-weightage = 2
- b) Interpretation of data & Preparation of Project report – weightage = 2
- c) Research attitude - weightage = 2
- d) Viva Voce- weightage = 4 Project internal evaluation of each student should be done by the supervising faculty assigned by the department. **Viva Voce:** No internal evaluation for viva voce examinations (at the end of the 4th semester).

Attendance: Above 90 %: A+, 85 – 89.99 %: A, 80 – 84.99 %: B, 75 -79.99 %: C, 70– 74.99%: D, < 70%: E

External evaluation:

- a) **Theory:** In all semesters the theory courses have 30 weightage each. The pattern of Question Papers for theory courses is as follows Total weightage in question paper 30

Division	Type	No.of Questions	Weightage	Total Weightage
Section A	Short Answer	8 out of 12	1	8
Section B	Short Essay	4 out of 7	3	12
Section C	Essay	2 out of 4	5	10
TOTAL WEIGHTAGE IN QUESTION PAPER				30

- b) **Practicals:** At the end of II and IV semesters, there will be three practical examinations. Each examination has 30 weightage and 3 credits
- c) **Comprehensive Viva Voce:** At the end of IV semester on a separate day (2credits). Vivavoce will be based on both the theory and practical courses of the programme

Component	Weightage
Physical & Theoretical Chemistry – theory courses	5
Physical Chemistry – practical courses	5
Inorganic Chemistry – theory courses	5
Inorganic Chemistry – practical courses	5
Organic Chemistry – theory courses	5
Organic Chemistry – practical courses	5
Total weightage	30



d) Project Evaluation: End of IV semester on a separate day. Evaluation is based on: a)

Significance and relevance of the project-weightage = 5

b) Project report – weightage = 8

c) Presentation- weightage = 5

c) Viva Voce- weightage = 12

Total weightage 30 and credit for the project is 4.