CREDIT FRAMEWORK FOR F.Y.B.Sc. CHEMISTRY, SEMESTER – I and II (Level 4.5 / 100)

Credit Framework for Under Graduate (2024-25) (3 Subjects) for

Faculty of Science and Technology

First Year (Certificate)

Level	Sem	Subject-1	Subject-2	Subject-3	GE/OE	SEC	IKS	AEC	VEC	CC	Total
4.5/100	I	2(T) + 2(P)	2(T) + 2(P)	2(T) + 2(P)	2(T)	2(T/P)	2(T) (Generic)	2(T)	2	--	22
	II	2(T) + 2(P)	2(T) + 2(P)	2(T) + 2(P)	2(T/P)	2(T/P)	--	2(T)	2	2(T)	22
										Total	44

Exit Option: Students on exit shall be awarded Undergraduate Certificate in Chemistry after securing the requisite 44 credits after completion of Semester II, followed by an exit 4-credit core NSQF Course(s) or Internship.

Continue Option: Student will select one subject as a major and one subject as a minor. One subject will be dropped.

List of courses Chemistry Courses

A. List of Discipline Specific Core (DSC) Courses (Major Core)

    I. Major Core (Semester-I) (4 Credits) (T + P)

      1. CHE-101-T: Fundamentals of Chemistry-I

      2. CHE-102-P: Chemistry Practical-I

    II. Major Core (Semester-II) (4 Credits) (T + P)

      1. CHE-151-T: Fundamentals of Chemistry-II

      2. CHE-152-P: Chemistry Practical -II

B. List of Generic Elective (GE)/Open Elective (OE) Courses

    I. Open Elective (Semester-I) (2 Credits) (T)

      1. OE-101-CHE (A)-T: Kitchen and Daily Life Chemistry

        OR

        OE-101-CHE (B)-T: Chemistry for Competitive Examination - I

    II. Open Elective (Semester-II) (2 Credits) (P)

      1. OE-151-CHE (A)-T: Chemistry for Competitive Examination – II

OR

OE-151-CHE (B)-P: General Chemistry Practical-I

C. List of Skill Enhancement Courses (SEC)

    I. **Skill Enhancement Courses (Semester-I) (2 Credits) (T)**

1. SEC-101-CHE (A)-T: Chemistry Laboratory Skills – I

   OR

2. SEC-101-CHE (B)-P: Chemistry Laboratory Skills – I (Practical)

    II. Skill Enhancement Courses (Semester-II) (2 Credits) (T/P)

1. SEC-151-CHE (A)-T: Chemistry Laboratory Skills – II

   OR

2. SEC-151 CHE (B)-P: Basics in Computer for Chemistry (Practical)