

COURSE AT A GLANCE

SUBJECT: APPLIED CHEMISTRY

ACADEMIC SESSION: **2025-26****First Semester-December, 2025**

Course Number	Course Title	Credit Hour	Mark Distribution	Maximum Marks
411	INORGANIC CHEMISTRY -I	4(Theory)	20+80	100
412	ORGANIC CHEMISTRY -I	4(Theory)	20+80	100
413	PHYSICAL CHEMISTRY-I	4(Theory)	20+80	100
414	INSTRUMENTAL METHODS OF ANALYSIS	4(Theory)	20+80	100
415	INORGANIC CHEMISTRY PRACTICAL	2(Practical)	100	100
416	PHYSICAL CHEMISTRY PRACTICAL	2(Practical)	100	100
417	Environmental Studies and Disaster Management	2	40+60	100

Second Semester-April, 2026

Course Number	Course Title	Credit Hour	Mark Distribution	Maximum Marks
421	INORGANIC CHEMISTRY -II	4(Theory)	20+80	100
422	ORGANIC CHEMISTRY -II	4(Theory)	20+80	100
423	PHYSICAL CHEMISTRY-II	4(Theory)	20+80	100
424	ATOMIC AND MOLECULAR SPECTROSCOPY	4(Theory)	20+80	100
425	ORGANIC CHEMISTRY PRACTICAL	2(Practical)	100	100
426	ANALYTICAL CHEMISTRY PRACTICAL	2(Practical)	100	100
427	Inter Disciplinary Course (IDC)	3	40+60	100

Third Semester-December, 2026

Course Number	Course Title	Credit Hour	Mark Distribution	Maximum Marks
511	INDUSTRIAL POLLUTION AND ITS MANAGEMENT	4(Theory)	20+80	100
512	INDUSTRIAL PROCESS	4(Theory)	20+80	100
513	ANALYTICAL TECHNIQUES IN ORGANIC CHEMISTRY	4(Theory)	20+80	100
514	PROJECT	4(Theory)	20+80	100
515	INDUSTRIAL CHEMISTRY PRACTICAL	2(Practical)	100	100
516	SEMINAR	2(Practical)	100	100
517	Entrepreneurship Development	2	40+60	100

Fourth Semester-April, 2027

Course Number	Course Title	Credit Hour	Mark Distribution	Maximum Marks
521	ENERGY AND MATERIAL BALANCE AND NANOMATERIALS	4(Theory)	20+80	100
522	ADVANCED ANALYTICAL CHEMISTRY	4(Theory)	20+80	100
523	MEDICINAL CHEMISTRY	4(Theory)	20+80	100
524	SURFACTANTS AND DETERGENTS	4(Theory)	100	100
525	COMPUTATIONAL CHEMISTRY PRACTICAL	2(Practical)	100	100
526	COMPREHENSIVE VIVA	2(Practical)	100	100
527	MOOC	3		100

