

**List of Pre-Ph.D. Courses**  
**DEPARTMENT OF CHEMISTRY**

**List of Pre-Ph.D. Courses Proposed**

**LTPS: 4-0-0-0 (For all Courses)**

S.No	Paper 1	Subject Code
1	RESEARCH METHODOLOGY	21RES102

S. No	Paper-2		Paper-3	
1	Introduction to Organic Chemistry	21CHE201	Modern Organic Synthesis	21CHE301
2	Analytical Separation Techniques	21CHE202	Modern Instrumental Methods of Analysis	21CHE302
3	Fundamentals of Inorganic Chemistry	21CHE203	Applications in Inorganic Chemistry	21CHE303
4	Chemistry of Nanomaterials	21CHE204	Applied Electrochemistry	21CHE304
5	Principles of Environmental Science	21CHE205	Water Management Techniques	21CHE305
6	Basics of Physical Chemistry	21CHE206		