

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 | | |