



ZBC

Semester Wise Subjects in the
Entire Curriculum as per NEP 2020

Affiliated to M.J.P Rohilkhand University, Bareilly

ZBC 1st Year

| ZBC 1st Semester (ODD) | ZBC 2nd Semester (EVEN) |
|--|---------------------------------------|
| 1 Cytology, Genetics & Infectious Diseases | 1 Biochemistry & Physiology |
| 2 Fundamentals of Chemistry | 2 Bio-organic & Medical Chemistry |
| 3 Microbiology & Plant Pathology | 3 Architectonics & Plant Architecture |
| 4 Practical | 4 Practical |

ZBC 2nd Year

| ZBC 3rd Semester (ODD) | ZBC 4th Semester (EVEN) |
|---|--|
| 1 Molecular Biology, Bioinstrumentation & Biotechniques | 1 Gene Technology , Immunology & Computational Biology |
| 2 Chemical Dynamics & Coordination Chemistry | 2 Quantum Mechanics & Analytical |
| 3 Flowering Plants Identification & Aesthetic Characteristics | 3 Economic Botany, Ethnocentric & Phytochemistry |
| 4 Practical | 4 Practical |

ZBC 3rd Year

| ZBC 5th Semester (ODD) | ZBC 6th Semester (EVEN) |
|---|---|
| 1 Diversity of Non- Chordates & Parasitology & Economic Zoology | 1 Evolutionary & Development Biology |
| 2 Diversity of Chordates & Comparatives Anatomy | 2 Ecology, Ethology, Environmental Science & Wildlife |
| 3 Organic Synthesis - A | 3 Organic Synthesis-B |
| 4 Rearrangements & Chemistry of Group Element | 4 Chemical Energetics and Radiochemistry |
| 5 Plant Physiology, Metabolism & Biochemistry | 5 Chemical Energetics and Radiochemistry |
| 6 Molecular Biology & Bioinformatics | 6 Analytical Methods - Practical |
| 7 Practicals | 7 Practical |
| 7 Projects | 7 Projects |