

SEMESTER I

| Subject Name | Subject Type | Subject Code | Subject Credit |
|-------------------------------------|---------------------|---------------------|-----------------------|
| INORGANIC CHEMISTRY-I | Regular | MCHE1IOC | 4 |
| ORGANIC CHEMISTRY-I | Regular | MCHE1ORC | 4 |
| PHYSICAL CHEMISTRY-I | Regular | MCHE1PHC | 4 |
| SELECTED SPECTROSCOPIC TECHNIQUES-I | Regular | MCHE1SST | 4 |
| NANO-CHEMISTRY | Elective | MELE1NCH | 2 |
| CHROMATOGRAPHY-I | Elective | MELE1CRG | 2 |
| INDUSTRIAL CHEMISTRY | Elective | MELE1IDC | 2 |
| PRACTICAL MODULE-I | Regular | MCHE1PRA | 6 |

SEMESTER II

| Subject Name | Subject Type | Subject Code | Subject Credit |
|--------------------------------------|--------------|--------------|----------------|
| INORGANIC CHEMISTRY-II | Regular | MCHE2IOC | 4 |
| ORGANIC CHEMISTRY-II | Regular | MCHE2ORC | 4 |
| PHYSICAL CHEMISTRY-II | Regular | MCHE2PHC | 4 |
| SELECTED SPECTROSCOPIC TECHNIQUES-II | Regular | MCHE2SST | 4 |
| RESEARCH METHODOLOGY | Elective | MELE2RMD | 2 |
| CHROMATOGRAPHY-II | Elective | MELE2CRG | 2 |
| INDUSTRIAL CHEMISTRY-II | Elective | MELE2IDC | 2 |
| PRACTICAL MODULE-II | Regular | MCHE2PRA | 6 |

SEMESTER III

| Subject Name | Subject Type | Subject Code | Subject Credit |
|-------------------------------|--------------|--------------|----------------|
| MEDICINAL CHEMISTRY | Regular | MCHE3MDC | 4 |
| ADVANCED ORGANIC CHEMISTRY | Regular | MCHE3AOC | 4 |
| CHEMISTRY OF NATURAL PRODUCTS | Regular | MCHE3CNP | 4 |
| Soft Skills and Development | Open | MOPE3SSD | 2 |
| PRACTICAL MODULE-III | Regular | MCHE3PRA | 6 |
| PROJECT WORK-I | Regular | MCHE3PRO | 8 |

SEMESTER IV

| Subject Name | Subject Type | Subject Code | Subject Credit |
|--------------------------------|--------------|--------------|----------------|
| HETEROCYCLIC CHEMISTRY | Regular | MCHE4HTC | 4 |
| ORGANIC CHEMISTRY REACTION | Regular | MCHE4OCR | 4 |
| DISCONNECTION APPROACH | Regular | MCHE4DSA | 4 |
| INTELLECTUAL PROPERTY RIGHTS | Elective | MELE4IPR | 2 |
| MATERIAL SCIENCE | Elective | MELE4MTS | 2 |
| INDUSTRIAL CATALYTIC CHEMISTRY | Elective | MELE4ICC | 2 |
| PRACTICAL MODULE-IV | Regular | MCHE4PRA | 6 |
| PROJECT WORK-II | Regular | MCHE4PRO | 8 |

