**Program Schemes for [M. Pharmacy Pharmacology (MP302)]**

**Cluster:** Health & Allied Sciences

**Institute:** University Institute of Pharma Sciences

**Department:** Pharmacy

**Type of Program:** PG

| SEMESTER-1 | | |
|---|---|---|
| **Course Name** | **Course Category** | **Credits** |
| Modern Pharmaceutical Analytical Techniques | Program Core | 4 |
| Advanced Pharmacology-I | Program Core | 4 |
| Pharmacological and Toxicological Screening Methods-I | Program Core | 4 |
| Cellular and Molecular Pharmacology | Program Core | 4 |
| Pharmacological Practical-I | Program Core | 6 |
| Seminar | Ability Enhancement | 4 |

| SEMESTER-2 | | |
|---|---|---|
| **Course Name** | **Course Category** | **Credits** |
| Advanced Pharmacology II | Program Core | 4 |
| Pharmacological and Toxicological Screening Methods-II | Program Core | 4 |
| Principles of Drug Discovery | Program Core | 4 |
| Clinical research and Pharmacovigilance | Program Core | 4 |
| Pharmacological Practical-II | Program Core | 6 |
| Seminar | Program Core | 4 |
| Elective-1 | Ability Enhancement | 2 |
| Aptitude-I | Ability Enhancement | 1 |
| Soft Skills-I | Skill Enhancement | 1 |

| SEMESTER-3 | | |
|---|---|---|
| **Course Name** | **Course Category** | **Credits** |
| Research Methodology | Program Core | 4 |
| Journal Club | Ability Enhancement | 1 |
| Research Proposal Presentation | Ability Enhancement | 2 |
| Research work | Project | 14 |
| Domain Aptitude | Programme Core | 2 |
| Clinical Posting | Industrial Training | 4 |
| Aptitude-II | Ability Enhancement | 1 |
| Soft Skills-II | Skill Enhancement | 1 |

| SEMESTER-4 | | |
|---|---|---|
| **Course Name** | **Course Category** | **Credits** |
| Research Work | Project | 16 |
| Research Work Final Presentation | Ability Enhancement | 3 |
| Journal Club | Ability Enhancement | 1 |

| Program Electives | | | |
|---|---|---|---|
| **Semester** | **Course Name** | **Course Category** | **Credits** |
| **Elective 1** | | | |
| 2 | Scientific Writing | Ability Enhancement | 2 |
| | Prescription Data Monitoring | Ability Enhancement | |
| | Data Handling and Interpretation | Ability Enhancement | |