

Curriculum

Master in Pharmacy (Pharmacology)

Affiliated to

Assam Science and Technology University

Tetelia Road, Near Assam Engineering College,
Jalukbari, Guwahati, Assam 781013



Girijananda Chowdhury Institute of Pharmaceutical Science

Hatkhowapara, Azara, Guwahati-17, Assam, India

Approved by Pharmacy Council of India (PCI) and
All India Council for Technical Education (AICTE)

Semester I

| Course Code | Course | Credit Hours | Credit Points | Hrs./wk | Marks |
|-------------|---|--------------|---------------|---------|-------|
| MPL101T | Modern Pharmaceutical Analytical Techniques | 4 | 4 | 4 | 100 |
| MPL102T | Advanced Pharmacology-I | 4 | 4 | 4 | 100 |
| MPL103T | Pharmacological and Toxicological | 4 | 4 | 4 | 100 |
| MPL 104T | Cellular and Molecular | 4 | 4 | 4 | 100 |
| MPL 105P | Pharmacology Practical-I | 12 | 6 | 12 | 150 |
| - | Seminar/Assignment | 7 | 4 | 7 | 100 |
| | Total | 35 | 26 | 35 | 650 |

Semester II

| Course Code | Course | Credit Hours | Credit Points | Hrs./wk | Marks |
|-------------|--|--------------|---------------|---------|-------|
| MPL 201T | Advanced Pharmacology II | 4 | 4 | 4 | 100 |
| MPL 202T | Pharmacological and Toxicological Screening Methods-II | 4 | 4 | 4 | 100 |
| MPL | Principles of Drug Discovery | 4 | 4 | 4 | 100 |
| MPL | Experimental Pharmacology practical- II | 4 | 4 | 4 | 100 |
| MPL 205P | Pharmacology Practical II | 12 | 6 | 12 | 150 |
| - | Seminar/Assignment | 7 | 4 | 7 | 100 |
| | Total | 35 | 26 | 35 | 650 |

Semester III

| Course Code | Course | Credit Hours | Credit Points |
|-------------|---|--------------|---------------|
| MRM 301T | Research Methodology and Biostatistics* | 4 | 4 |
| - | Journal club | 1 | 1 |
| - | Discussion / Presentation (Proposal Presentation) | 2 | 2 |
| - | Research Work | 28 | 14 |
| Total | | 35 | 21 |

*Non-University Exam

Semester IV

| Course Code | Course | Credit Hours | Credit Points |
|-------------|-------------------------------|--------------|---------------|
| - | Journal Club | 1 | 1 |
| - | Research Work | 31 | 16 |
| - | Discussion/Final Presentation | 3 | 3 |
| Total | | 35 | 20 |