# Curriculum

Master in Pharmacy (M. Pharm)

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  |                                  |              | Credit |         |       |
|---------|----------------------------------|--------------|--------|---------|-------|
| Code    | Course                           | Credit Hours | Points | Hrs./wk | Marks |
|         | Modern Pharmaceutical Analytical |              |        |         |       |
| MPH101T | Techniques                       | 4            | 4      | 4       | 100   |
| MPH102T | Drug Delivery System             | 4            | 4      | 4       | 100   |
| MPH103T | Modern Pharmaceutics             | 4            | 4      | 4       | 100   |
| MPH104T | Regulatory Affair                | 4            | 4      | 4       | 100   |
| MPH105P | Pharmaceutics Practical I        | 12           | 6      | 12      | 150   |
| -       | Seminar/Assignment               | 7            | 4      | 7       | 100   |
|         | Total                            | 35           | 26     | 35      | 650   |

#### Semester II

| Course  |   | Credit | Credit |         |       |
|---------|---|--------|--------|---------|-------|
| Code    | Course  | Hours  | Points | Hrs./wk | Marks |
| MPH201T | Molecular Pharmaceutics (Nano Tech<br>and Targeted DDS) | 4      | 4      | 4       | 100   |
| MPH202T | Advanced Biopharmaceutics &<br>Pharmacokinetics         | 4      | 4      | 4       | 100   |
| MPH203T | Computer Aided Drug Delivery System                     | 4      | 4      | 4       | 100   |
| MPH204T | Cosmetic and Cosmeceuticals                             | 4      | 4      | 4       | 100   |
| MPH205P | Pharmaceutics 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            |