

Outline of MSc (Information Technology)

Semester I

| Prog. Code | Subject Name | Credits |
|-------------------|----------------------------------|----------------|
| MCA-101 | Programming Fundamentals using C | 4 |
| MCA-102 | Computer Architecture | 4 |
| MCA-103 | Database Management System | 4 |
| MCA-104 | Msoffice | 4 |
| MCA-105 | Practical Lab-I | 2 |

Semester II

| Prog. Code | Subject Name | Credits |
|-------------------|---|----------------|
| MCA-201 | Computer Networks & Data Communications | 4 |
| MCA-202 | Operating Systems | 4 |
| MCA-203 | Data Structures & Algorithms | 4 |
| MCA-204 | Visual Programming | 4 |
| MCA-205 | Practical Lab-II | 2 |

Semester III

| Prog. Code | Subject Name | Credits |
|-------------------|--------------------------------|----------------|
| MSCIT-301 | UNIX & Shell Programming | 4 |
| MSCIT-302 | Distributed Computing | 4 |
| MSCIT-303 | Artificial Intelligence | 4 |
| MSCIT-304 | Computer Graphics & Multimedia | 4 |
| MSCIT-305 | Practical Lab-III | 2 |

Semester IV

| Prog. Code | Subject Name | Credits |
|-------------------|--|----------------|
| MSCIT-401 | Advance Architecture & Parallel Processing | 4 |
| MSCIT-402 | Neural Networks | 4 |
| MSCIT-403 | Software Project Management | 4 |
| MSCIT-404 | Practical Lab-IV | 2 |
| MSCIT-405 | Minor Project | 6 |