**Master of Information and communication Technology/**

**Master of Information Technology**

**Road Map + List of Courses (Fall-18 & onward)**

No. of Courses = 20x3 = 60 credit hours

Final Project = 06 credit hours

Total Credit hours = 66

|  |  |  |
| --- | --- | --- |
| **Sr. No** | **Title of the Course** | **Credit Hours** |
| **Semester 1** | | |
| XI-310 | Management of Organization | 3 |
| XI-315 | Management Application of ICT | 3 |
| XI-325 | Communication for Managers | 3 |
| XI-330 | Financial Accounting Analysis | 3 |
| XI-335 | Marketing Management | 3 |
| **Semester II** | | |
| XC-350 | Introduction to Computer Programming | 3 |
| XI-340 | Entrepreneurship and Managing SMEs | 3 |
| XC-360 | Computer Networks | 3 |
| XC-355 | Database System | 3 |
| XI-345 | Building Sustained Competitive Advantage | 3 |
| **Semester III** | | |
| XI-480 | Research Methods | 3 |
| XC-365 | Software Engineering | 3 |
| XC-430 | Operating Systems | 3 |
| XC-385 | Web Programming | 3 |
| XC-421 | Object oriented Programming | 3 |
| **Semester IV** | | |
|  | (Elective) | 3 |
|  | (Elective) | 3 |
|  | (Elective) | 3 |
|  | (Elective) | 3 |
|  | (Elective) | 3 |
| XI-499 | Final Project | 6 |

**Electives**

* Distributed Database Systems
* Software Quality Assurance
* Software Project Management
* IT Infrastructure
* Information and Network Security
* Android Application Development
* Management Information System
* Data ware House and Analytics
* Advance Computer Networks
* Data Mining
* Information and Network Security
* Advance Software Development Techniques
* Information Retrieval
* Artificial Intelligence
* Machine Learning
* Advance Database Systems
* Human Computer Interaction
* Data and File Structure
* Data Ware House and Analytics
* Programming Language Concepts
* Advance Web Programming
* Algorithm Analysis and Design