

Program Name: Master of Computer Application (MCA)

Program Code: CS201

Semester / Year : Semester - I / First Year

Effective From Academic Year: 2016-17

| Subject Code | Subject Name | Credit | Hours per week | | | | Theory (Marks) | | Practical (Marks) | | Total (Marks) |
|--------------|--|-----------|----------------|----------|-----------|-----------|-----------------------|-----------------------|-----------------------|-----------------------|---------------|
| | | | L | T | P | Total | University Assessment | Continuous Assessment | University Assessment | Continuous Assessment | |
| 1CS2010101 | Fundamentals of Programming | 6 | 4 | - | 2 | 6 | 60 | 40 | 30 | 20 | 150 |
| 1CS2010102 | Web Technologies | 6 | 4 | - | 2 | 6 | 60 | 40 | 30 | 20 | 150 |
| 1CS2010103 | Discrete Mathematics for Computer Science | 4 | 3 | 1 | - | 4 | 60 | 40 | - | - | 100 |
| 1CS2010104 | Fundamentals of Computer Organization | 5 | 4 | 1 | - | 5 | 60 | 40 | - | - | 100 |
| 1CS2010105 | Communications Skills | 5 | 3 | - | 2 | 5 | 60 | 40 | 30 | 20 | 150 |
| 1CS2010106 | Workshop – I (Introduction to Office Automation Tools) | 4 | - | - | 4 | 4 | - | - | 60 | 40 | 100 |
| | | 30 | 18 | 2 | 10 | 30 | 300 | 200 | 150 | 100 | 750 |

Semester / Year : Semester - II / First Year

Effective From Academic Year: 2016-17

| Subject Code | Subject Name | Credit | Hours per week | | | | Theory (Marks) | | Practical (Marks) | | Total (Marks) |
|--------------|--|-----------|----------------|----------|-----------|-----------|-----------------------|-----------------------|-----------------------|-----------------------|---------------|
| | | | L | T | P | Total | University Assessment | Continuous Assessment | University Assessment | Continuous Assessment | |
| 1CS2010201 | Data Structures | 6 | 4 | - | 2 | 6 | 60 | 40 | 30 | 20 | 150 |
| 1CS2010202 | Object Oriented Programming | 6 | 4 | - | 2 | 6 | 60 | 40 | 30 | 20 | 150 |
| 1CS2010203 | Enterprise Resource Planning | 4 | 3 | 1 | - | 4 | 60 | 40 | - | - | 100 |
| 1CS2010204 | Database Management Systems | 6 | 4 | - | 2 | 6 | 60 | 40 | 30 | 20 | 150 |
| 1CS2010205 | Computer-Oriented Numerical & Statistical Methods | 6 | 4 | - | 2 | 6 | 60 | 40 | 30 | 20 | 150 |
| 1CS2010206 | Workshop – II (Introduction to Simulation and Statistical Tools) | 2 | - | - | 2 | 2 | - | - | 30 | 20 | 50 |
| | | 30 | 19 | 1 | 10 | 30 | 300 | 200 | 150 | 100 | 750 |