

# MASTER OF COMPUTER APPLICATION

## SEMESTER –I

S. No.	Subject Code	Subject
1	MCA 27101	Object Oriented Programming With ‘C++’
2	MCA 27102	Mathematical Foundations Of Computer Science
3	MCA 27103	Essentials of Information Technology
4	MCA 27104	Data Structure through algorithms With ‘C’
5	MCA 27105	Computer System Architecture
6	MCA 27106	Financial Management & Accountancy
7	MCA 27107	Programming Lab 'C++’
8	MCA 27108	Data Structure through Algorithms “Lab”

## SEMESTER –II

S. No.	Subject Code	Subject
1	MCA 27201	Program Based Numerical Analysis in C++
2	MCA 27202	Computer Network & Data Communication
3	MCA 27203	RDBMS & ORACLE
4	MCA 27204	Operating System
5	MCA 27205	Interactive Computer Graphics
6		<b>Elective-I</b>
7	MCA 27207	RDMS & Oracle Lab
8	MCA 27208	Computer Graphics Lab

**SEMESTER –III**

<b>S. No.</b>	<b>Subject Code</b>	<b>Subject</b>
1	MCA 27301	Operation Research
2	MCA 27302	A.I. & Expert System
3	MCA 27303	Advanced Programming Tools- Java
4	MCA 27304	Software Engineering
5	MCA 27305	Unix / Linux
6		Elective – II
7	MCA 27307	Programming in Java Lab
8	MCA 27308	Unix / Linux Lab

**SEMESTER – IV**

<b>S. No.</b>	<b>Subject Code</b>	<b>Subject</b>
1	MCA 27401	Internship (Seminar on Project)

	<b>Subject Code</b>	<b>Subject</b>
<b>Elective – I (Semester II)</b>	MCA 27206a	System Analysis Design & MIS
	MCA 27206b	Compiler Designing
	MCA 27206c	Advanced Computer Architecture

	<b>Subject Code</b>	<b>Subject</b>
<b>Elective – II (Semester III)</b>	MCA 27306a	Data Mining and Data Warehouse
	MCA 27306b	Soft Computing
	MCA 27306c	OOAD
	MCA 27306d	Artificial Neural Network & fuzzy logic