

Subject Code	Subject
MCA 111	Professional Communication
MCA 112	Accounting and Financial Management
MCA 113	Computer Concepts and Programming in C
MCA 114	Discrete Mathematics
MCA 115	Organizational Behaviour
Practicals	
MCA-151	Programming Lab
MCA-152	Language Lab
GP-101	General Proficiency
MCA-211	
MCA-211	Environmental Science and Ethics
MCA-212	Computer Based Numerical & Statistical Techniques
MCA-213	Data Structures using C
MCA-215	Computer Organization
Practicals	
MCA-251	Data Structure Lab
MCA-252	Computer Based Numerical & Statistical Techniques Lab
GP-201	General Proficiency
MCA-311	
MCA-311	Operating System
MCA-312	Design & Analysis of Algorithms
MCA-314	Internet & Java Programming
MCA-315	Computer Based Optimization Techniques
Practicals	
MCA-351	DBMS Lab
MCA-352	Java Programming Lab
GP-301	General Proficiency
MCA-411	
MCA-411	Management Information Systems
Elective-I	
MCA-413	Fundamentals of E-Commerce
MCA-414	Computer Networks
Practicals	
MCA-451	Object Oriented Systems Lab
MCA-452	Mini Project
GP-401	General Proficiency
List of Elective - I	
MCAE11	Compiler Design

MCAE12	Client Server Computing
MCAE13	Data Warehousing & Mining
MCAE14	Cryptography & Network Security
MCAE15	Theory of Automata & Formal Languages
MCA-551	WEB Technology
List of Elective - II	
MCA-512	Do Net Frame Work & C#
MCA-513	Software Engineering
List of Elective - III	
Practicals	
MCA-551	Web Technology
MCA-552	Do Net Lab
GP-501	General Proficiency