

MCA 3 YEARS

SN	TYPES OF COURSE	SEM I	SEM II	SEM III	SEM IV	SEM V	SEM VI
1	CORE COURSES	Programming in C++	MS .Net PART I	Programming in Core JAVA	Web Programming and Extensible Markup language	Programming in Advance Java – J2EE	SYSTEM DEVELOPMENT PROJECT
2		Algorithms and Data Structure using C++	Relational Database Management Systems	Web designing and Scripting Language	Image processing	MS .Net PART II	
3		Discrete Mathematics and Numerical Analysis	Research Methodology	Elective I	Elective II	Elective III	
4	DSE (DISCIPLINE SPECIFIC ELECTIVES)	Computer Organization and Architecture	Mini Project I	Operations Research	Summer Internship	Industrial/Company/ Professional Training	
5		Operating System Architectures and Concepts	Data Communication and Networking	Theory of Computation	Artificial Intelligence	Research paper publication in the field of specialization	
1	LAB COURSES	Programming in C++ Lab	MS .Net PART I LAB	Programming in Core JAVA LAB	Web Programming and Extensible Markup language Lab	Programming in Advance Java – J2EE – Lab	
2		Algorithm and Data Structures using C++ Lab	RDBMS Lab	Web designing and Scripting Language Lab	Image Processing Lab	MS .Net PART II LAB	

DSE (DISCIPLINE SPECIFIC ELECTIVES)		
SEM III	SEM IV	SEM V
ELECTIVE I	ELECTIVE II	ELECTIVE III
ADVANCED DBMS	Data Warehousing and Data Mining	Advanced Data Warehousing and Mining
PRINCIPLE OF COMMUNICATION SYSTEMS	MANET and Wireless Sensor Network	Neural Networks