

M.SC INFORMATION TECHNOLOGY		
SEMESTER - 1		
Paper No	Subject	Contents Of Syllabus
Paper - I	INTRODUCTION TO INFORMATION TECHNOLOGY - I	Information Technology Understanding Computers Data Representation Memory Organisation Input Devices
Paper - II	COMPUTER MATHEMATICS - I	Elementary Computer Mathematics Introduction to Matrices Differentiation Integration-Different Methods
Paper - III	OPERATING SYSTEMS - I	Operating Systems Functions and Classification of Operating System Process Management Memory Management Virtual Memory File Management
Paper -IV	PROGRAMMING IN C++ - I	C++ A Multi-Paradigm Language Introduction to C++ Programming Tokens, Expression and Variables Control Structures Functions Classes and Objects Arrays and Pointers
Paper - V	DATABASE MANAGEMENT SYSTEMS - I	Database Management System Introduction to Database Management System Data Models Relational Data Models Database Design
SEMESTER - 2		
Paper No	Subject	Contents Of Syllabus
Paper - I	INTRODUCTION TO INFORMATION TECHNOLOGY - II	Output Devices Disk Operating System(DOS) Internet-Connecting the World Information Technology and Society
Paper - II	COMPUTER MATHEMATICS - II	Numerical Integration Measure of Central Tendency Measures of Dispersion Moments, Skewness and Kurtosis
Paper - III	OPERATING SYSTEMS - II	Disk Management Deadlock Resource Management Security
Paper -IV	PROGRAMMING IN C++ - II	Constructors and Destructors Structures, Unions and Enumerations Inheritance Polymorphism and Operators Overloading Virtual Functions Working with Files

Paper - V	DATABASE MANAGEMENT SYSTEMS - II	Database Language –SQL Concurrency, Recovery and Security Distributed Databases
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SEMESTER - 3		
Paper No	Subject	Contents Of Syllabus
Paper - I	INTERNET AND WEB DESIGNING - I	Internet and Web Designing Compute Communication and Networks Internet E-mail Basic Services of Internet WWW and Interactive Web Tools
Paper - II	PRINCIPLES OF MANAGEMENT - I	Nature of Management Managerial Roles, Functions and Skills Evolution and Management Thought Planning and Decision-Making Organizing-I Organizing-II Staffing
Paper - III	E-GOVERNANCE - I	What is E-Governance? IT, People and Digital Divide E-Democracy Electronic Direct Democracy Document Management System E-Participation Open Government in Canada
Paper -IV	SYSTEMS ANALYSIS AND DESIGN - I	System analysis and Design System Concepts System Development Life cycle Feasibility analysis System analysis-information gathering Structured analysis
Paper - V	RDBMS WITH ORACLE - I	Relational Database Management System An Overview of DBMS and DB system Architecture The Normalization Process The Entity-Relationship Model Interactive SQL Viewing the Data
SEMESTER - 4		
Paper No	Subject	Contents Of Syllabus
Paper - I	INTERNET AND WEB DESIGNING - II	Web browsers HTML Multimedia and Graphics Search Engine Internet Security
Paper - II	PRINCIPLES OF MANAGEMENT - II	Motivation Leadership Controlling Coordination Communication

Paper - III	E-GOVERNANCE - II	Electronic Voting Electronic Services Delivery Online Consultation Open sources Governance Identity Document Identity Card policies by Country National E-Governance Plan of India
Paper -IV	SYSTEMS ANALYSIS AND DESIGN - II	Software Designs Input/Output and Forms Design Software Testing Software Implementation and Maintenance
Paper - V	RDBMS WITH ORACLE - II	Sub queries and Joins Views and Indexes Introduction to PL/SQL Advance PL/SQL Database Objects Object types and Varying Arrays User and Privileges
Paper - VI	DISSERTATION	