



FATIMA COLLEGE(AUTONOMOUS), MADURAI-625018 COURSE OUTCOMES

NAME OF THE PROGRAMME : M.Sc INFORMATION TECHNOLOGY PROGRAMME CODE:PSIT

COURSECODE	COURSETITLE	COURSEOUTCOMES
19PG1IT1	Data Structures And Algorithm Analysis	CO1 :To learn about Linear Data Structures CO2: Develop knowledge on different design techniques CO3: learn about the non-linear data structures – Trees CO4:To Implement appropriate operations for Graphs and sorting CO5: Implement appropriate operations like sorting and searching techniques.
19PG1IT2	Object Oriented Software Engineering	CO1: Differentiate traditional and object oriented software engineering CO2: Explain various SDLC methods of OOSE CO3: Describe techniques used in OOSE

		<p>CO4: Explain OOSE testing methods</p> <p>CO5: Analyze and choose necessary method for a particular project</p>
19PG1IT3	Data Storage And Management	<p>CO1: To understand and apply Outline the features of DBMS and Relational Database design</p> <p>CO2: To Design conceptual models of a database using ER model</p> <p>CO3: To implement normalization techniques in database design</p> <p>CO4: To Retrieve information from database by formulating complex SQL Queries.</p> <p>CO5: To Utilize PL/SQL programming to solve problems</p>
19PG1IT4	Distributed Operating System	<p>CO1: Discuss the core concepts of distributed systems.</p> <p>CO2: Analyze various message passing mechanisms with its model.</p> <p>CO3: Identify the inherent difficulties that arise due to distribution of computing resources.</p> <p>CO4: Explain migration with the process management policies.</p> <p>CO5: Explain the basic concepts, design and structure of the LINUX operating system.</p>
19PG1IT5	Lab I : C++ And Data Structure	<p>CO1: Develop solutions for a range of problems using objects and classes.</p> <p>CO2: implementation of constructors, destructors and operator overloading.</p> <p>CO3: Apply fundamental algorithmic problems including type casting, inheritance, and polymorphism</p> <p>CO4: Understand generic Data structures</p>

		programming like Stack, Queue and Linked List. CO5: Implement the concept of Sorting and Searching techniques
19PG1IT6	LAB II : RDBMS	CO1: Implement Basic DDL, DML and DCL commands. CO2: Develop sub queries and understand their purpose. CO3: Use Aggregate and group functions to summarize data. CO4: Understand the PL/SQL architecture and write PL/SQL code for procedures, triggers, cursors, exception handling etc CO5: Implement the complex queries
19IT1EDC	Business Information System	CO1: understand business organization and role of information technology CO2: To learn about the technology infrastructure CO3: Explain various Intra and Inter organizational system CO4: To learn about Intelligent system for business. CO5: To learn about the Planning, Implementing and Managing strategies of information system
19PG2IT7	Java & J2EE	CO1: To understand the structure and model of the Java programming language. CO2: To explain the concepts of Packages, Interfaces and strings. CO3: To develop software implementing Exception handling mechanisms CO4: To design software for database connectivity and able to design GUI applications CO5: To implement server side programming using SERVLETS
19PG2IT8	Network Security	CO1: To understand the Attacks, Services and

		<p>Mechanisms.</p> <p>CO2: To explain the concepts cryptography</p> <p>CO3: To understand the concepts of Email and IP security</p> <p>CO4: To know about the web security issues and various protocols</p> <p>CO5: To understand the concepts of virus and firewall .</p>
19PG2IT9	Mobile Application Development Using Android Studio	<p>CO1: Design scripts to meet given interface and media control requirements</p> <p>CO2: Utilize variables, properties and other code elements appropriately to implement the code design</p> <p>CO3: Implement and evaluate techniques for the installation of mobile applications</p> <p>CO4: Explain the principles of technologies which support media production and delivery on a variety of platforms</p> <p>CO5: Evaluate alternative mobile frameworks, and contrast different programming platforms</p>
19PG2IT10A	Cloud Computing	<p>CO1: To understand the fundamental principles of cloud computing and its model</p> <p>CO2: To apply concepts of IAAS, SASS, PAAS</p> <p>CO3: To develop business models that underlie Cloud Computing.</p> <p>CO4: To describe the importance of virtualization in distributed computing</p> <p>CO5: To analyse the importance of cloud security</p>
19PG2IT10B	Multimedia Systems	<p>CO1: To identify and use the elements and principles of design in multimedia.</p> <p>CO2: To understand terminology associated with the concepts, techniques, and processes used throughout the multimedia environment.</p>

		<p>CO3: To Demonstrate an advanced knowledge of photo editing including: image manipulation, color correction, compositing, toning, and preparing for distribution.</p> <p>CO4: To explain the concepts of importing, exporting, effects, transitions, color correcting, and flow.</p> <p>CO5: To describe Image compression Standards</p>
19PG2IT10C	Management Information System	<p>CO1: To define an information system from both a technical and business perspective and distinguish between computer literacy and information systems literacy.</p> <p>CO2: To assess the relationship between the electronic commerce, electronic business and internet technology.</p> <p>CO3: To identify the major management challenges to building and using information systems in organizations.</p> <p>CO4: To understand managerial risks related to information system organization processing and utilizing</p> <p>CO5: To evaluate the benefits and limitations of enterprise systems and industrial networks.</p>
19PG2IT11	Lab III : Java Programming	<p>CO1: To understand the concept of Object Oriented Programming & Java Programming Constructs.</p> <p>CO2: To practice the concepts of operators, classes, objects, inheritance, packages ,Enumeration and various keywords</p> <p>CO3: To apply exception handling mechanisms.</p> <p>CO4: To design the applications of Java & Java applet, Swings and JDBC</p> <p>CO5: To Analyze and implement server side</p>

		programming using SERVLETS
19PG2IT12	Lab IV: Android Studio	CO1: Develop enterprise-level mobile solutions. CO2: Install and configure Android application development tools CO3: Demonstrate Save State information across important operating system events CO4: Develop advanced application programs using Android CO5: Design and develop mobile applications
19IT2EDC	Animation Software	CO1: Explain the basic concepts in computer graphics. CO2: understand the Alice Environment CO3: Build a program in Alice. CO4: Apply event handlers CO5: Develop 3D animations