

M.Sc. Computer Science – I,II,III & IV Semesters

Code	Course Name	Course Outcomes
M.Sc.Computer Science – I Semester		
PCST11	Advanced Java Programming	<p>After successful completion of this course, the students shall be able to</p> <p>CO1: Design and Create Java Applications using OOPs concept K6</p> <p>CO2: Utilise the features of exception handling, threads & util package in Java. K3</p> <p>CO3: Simplify the communication between client & server using database connectivity. K2</p> <p>CO4: Build Java applications that include GUIs and event driven programming K3</p>
PCST12	Data Structures And Algorithms	<p>After successful completion of this course, the students shall be able to</p> <p>CO1: Analyse the space and time complexities for an algorithm K2</p> <p>CO2: Identify and use appropriate data structure to solve problems K3</p> <p>CO3: Use Hashing Techniques to solve real time Problems K3</p> <p>CO4: Implement and Handle various searching and sorting algorithms K3, K4</p>
PCST13	Mathematical Foundations Of Computer Science	<p>After successful completion of this course, the students can be able to</p> <p>CO1: Construct simple mathematical proofs and possess the ability to verify them. K6</p> <p>CO2: Utilise Algebraic Structures and Recurrence</p>

		<p>FunctionK3</p> <p>CO3: Know various graphs and its algorithms in computer programs. K2</p> <p>CO4: Describe computer programs in a formal mathematical manner K2</p>
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Code	Course Name	Course Outcomes
M.Sc.Computer Science – II Semester		
PCST21	Advanced Operating System	<p>Students will be able to gain:</p> <p>CO1:Knowledge about advanced concepts in OS K4</p> <p>CO2:Able to rectify the designing concepts of OS K4</p> <p>CO3: Ability to develop OS for distributed systems K3</p> <p>CO4:Understand the Mutual exclusion, Deadlock detection and file sharing in Distributed operating system K2</p>
PCST22	Relational Database Management System	<p>After successful completion of the course, Student shell be able to:</p> <p>CO1:Create E/R models from application descriptions. K6</p> <p>CO2:Improve the database design by normalization. K4</p> <p>CO3: Students can create database structure K3</p> <p>CO4: Create databases in an RDBMS and enforce data integrity constraints and queries using SQL K3, K4</p>
PCST23	Computer Networks	After successful completion of the course, Student

		<p>shall be able to:</p> <p>CO1: Have a good understanding of the OSI Reference Model K2</p> <p>CO2: Students can understand TCP/IP Model and in particular have a good knowledge of Layers. K2</p> <p>CO3: Identify the different types of network devices and their functions within a network K4</p> <p>CO4: Students will Analysis the requirements for a given organizational structure. K4</p>
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Code	Course Name	Course Outcomes
M.Sc.Computer Science – III Semester		
PCST31	Compiler Design	<p>Understand the working process of the compiler. K2</p> <p>CO1: Learn the various parsing techniques and different levels of translation. K4</p> <p>CO2: Have a good understanding of specific object code from source language. K2</p> <p>CO3: Learn to optimize the code and schedule for optimal performance. K4</p>
PCST32	Software Engineering	<p>After successful completion of the course, Student shall be able to:</p> <p>CO1: Understands the process to be followed in the software development life cycle K2</p> <p>CO2: Understand fundamental concepts of requirements engineering. K1</p> <p>CO3: Find the practical solutions to the problems. K4</p>

		CO4: Student can work as an individual and as part of a multidisciplinary team to develop and deliver quality software K5,K6
PCST33	Web Programming	<p>1. Students will learn to design web pages using HTML. K6</p> <p>2. Able to gain knowledge on creating interactive web pages using JavaScript, Query. K2,K4</p> <p>3. Able to write a program and to use Cascading Style Sheets (CSS) and DOM. K3</p> <p>4. Able to develop server side scripting using PHP K3</p>

Code	Course Name	Course Outcomes
M.Sc.Computer Science – IV Semester		
PCST41	Digital Image Processing	<p>After completion of the course, Student shall be able to</p> <p>CO1. Understand how digital images are represented and manipulated in computer K2</p> <p>CO2. Develop a broad range of image processing techniques and their applications. K3</p> <p>CO3: Understand the different types of image transformations and image features. K4</p> <p>CO4: Understand the advancements in Computer Vision of Images. K4</p>
PCST42	Mobile Computing	<p>After successful completion of the course, Student shall be able to:</p> <p>CO1:. Understand the characteristics and limitations of mobile hardware devices including their user-interface modalities K2</p> <p>CO2. Design and develop context-aware solutions for</p>

		<p>mobile devices. K3</p> <p>CO3. have clear idea about Satellite Systems K2</p> <p>CO4. develop their knowledge in mobile computing system and how to interact with servers and database systems. K3</p>
PCSE11	Computer Graphics	<p>After successful completion of the course, Student shall be able to:</p> <p>CO1: Explain Graphic primitives and the working of I/O devices K2</p> <p>CO2. Apply geometric transformations in objects K3</p> <p>CO3.: Implement Graphic modeling process K3</p> <p>CO4: Create interactive graphics applications in C++ using graphics application programming interfaces. K6</p>
PCSE22	Data Warehousing and Data Mining	<p>After successful completion of this course, the students shall be able to</p> <p>CO1: Identify the characteristics of data warehousing. K4</p> <p>CO2: Identify the association rules for mining applications. K4</p> <p>CO3: Design appropriate classification/clustering techniques for data mining problems K3</p> <p>CO4: Select appropriate tools for various data mining applications. K4</p>
PCSE22	Cryptography And Network Security	<p>After completion of the Course, students shall be able to</p> <p>CO1: Learn and operate secure programming techniques K2</p>

		<p>CO2: Understand the design issues in Network Security K2</p> <p>CO3: Identify security threats, security services and mechanisms to counter them. K4</p> <p>CO4: Be familiar with security applications in wireless environment K3</p>
PCSE33	Software Project Management	<p>After completion of the Course, Students shall be able to</p> <p>CO1: Learn how to estimate the cost associated with a project K2</p> <p>CO2:Plan and monitor projects for the risk management K4</p> <p>CO3:Learn the process of monitoring and controlling K2</p> <p>CO4:Gain the in-depth knowledge about software development standards and to know how to manage people and organization of teams with their own. K4</p>
PCSE33	Big Data Analytics	<p>After completion of the Course, students shall be able to</p> <p>CO1:Know the fundamental concepts of big data and analytics. K1</p> <p>CO2:utilise the tools and practices for working with big data K3</p> <p>CO3: understand about the research that requires the integration of large amounts of data. K2</p> <p>CO4:Gain the In depth knowledge in stream computing K2</p>