AAER's
Asian College of Science and Commerce
Affiliated to SPPU and Approved by Govt of Maharashtra Accredited by NAAC with B+ Grade

Course Outcomes

The examination format consists of continuous assessment, which accounts for 30 marks for internal evaluation and 70 marks for external evaluation

Class : F.Y.Msc(CS) (Semester-I)

Sr. No.	Course Name	Course Outcomes
1.	Paradigm of Programming Language	Separate syntax from semantics
		Compare programming language designs
		Understand their strengths and weaknesses
		Learn new languages more quickly
		Understand basic language implementation techniques
		Learn small programs in different programming Languages
2	Design and Analysis of Algorithms	To design the algorithms
		To select the appropriate algorithm by doing necessary analysis of algorithms
		To learn basic Algorithm Analysis techniques and understand the use of asymptotic notation
		Understand different design strategies
		Understand the use of data structures in improving algorithm performance
		Understand classical problem and solutions
		Learn a variety of useful algorithms
		Understand classification of problems
		To provide foundation in algorithm design and analysis
		To develop ability to understand and design algorithms in context of space and time complexity.
3	Database Technologies	Provide an overview of the concept of NoSQL technology.
		Provide an insight to the different types of NoSQL databases
		Make the student capable of making a choice of what database technologies to use, based on their application needs.
4	Cloud Computing	To understand the principles and paradigm of Cloud Computing
		To appreciate the role of Virtualization Technologies
		Ability to design and deploy Cloud Infrastructure
		Understand cloud security issues and solutions
5	PPL and Database Technologies Practical	To understanding Programming Language Concepts .Students Will Learn the Fundamental Principles and Concepts of Programming Languages ,Such as Syntax ,Semantics, Data Types, Control Structure and Object-Oriented Programming
6	Cloud Computing Practical	To understand the principles and paradigm of Cloud Computing

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Class : F.Y.Msc(CS) (Semester-II)

Sr. No.	Course Name	Course Outcomes
1.	Advanced Operating System	To Deeper Understanding of the Design, implementation an Management of Modern Operating System
2	Mobile Technologies	To impart basic understanding of the wireless communication systems.
		To expose students to various aspects of mobile and ad-hoc networks
		Understand the issues relating to Wireless applications
		Understand the Mobile security
3	Software Project Management	Software Metrics and Project Management covers skills that are required to ensure successful medium and large scale software projects.
		It examines Requirements Elicitation, Project Management, Verification &Validation and Management of Large Software Engineering Projects.
		Students learn to select and apply project management techniques for process modeling, planning, estimation, process metrics and risk management; perform software verification and validation using inspections, design and execution of system test cases.
5	Project	To Comprehensive understanding of advanced operating system and mobile technologies
6	Project related Assignments	To Enhance students Problem-Solving Abilities ,Critical Thinking and Project Management Skills

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Class : S.Y.Mcs(CA) (Semester-III)

Sr. No.	Course Name	Course Outcomes
1.	Software Architecture and Design Patterns	To introduce students to the basic concepts and techniques of SADP.
		To write java programs using Design Pattern and Frameworks to create reusable and flexible software systems.
		Use of patterns and architectures for solving practical problems.
		To understand about design pattern.
		To understand about the process of deploying web apps using specific Frameworks.
2	Machine Learning	To introduce students to the basic concepts and techniques of Machine Learning.
		To write python programs using machine learning algorithms for solving practical problems.
		To understand about Machine Learning Library and use cases.
		To understand about the process of deploying ML model.
3	Web Frameworks	To introduce students for modern web technologies.
		To learn and use server side programming using Node.js
		To understand asynchronous programming.
		To learn and understand web application in Django a Python Web Framework.
4	Digital Image Processing	To Gaining Hands-on Experience :Students Get the Opportunity to apply their theoretical to real-world Scenarios ,there by enhancing their skills and Problem -solving abilities
		To Understanding industry Practices :By Working in an industrial or environment ,students can gain insights into the current practices ,methodologies , and technologies used in the field of computer Science
5	Project	To Experience in applying Advanced Concepts and Techniques in their chosen field of study
6	Practical on CSUT231, CSUT232 and CSUT233	To Applying Theoretical Concepts and Principles to Real-Scenarios
		Developing and Implementing Software Solution Or System

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Class : S.Y.Mcs(CS) (Semester-IV)

Sr. No.	Course Name	Course Outcomes
1.	Industrial Training/On Campus Project	Understanding the fundamentals of Android application development, including the Android operating system architecture, application components, and lifecycle.
		Learning how to use the Android Development Tools (ADT) and other relevant tools for application development.