A.V.V.M. SRI PUSHPAM COLLEGE (AUTONOMOUS),

POONDI-613 503, THANJAVUR

1.1.1 Curricula developed and implemented have relevance to the local, national, regional and global developmental needs which is reflected in Programme outcomes (POs), Programme Specific outcomes (PSOs) and Course Outcomes (COs) of the Programmes offered by the Institution

COURSE OUTCOMES

M.C.A.,(2017-2018)

Semester	Category	Paper Code	Title of the Course	Outcome
I	Core	17P1CA1	C and C++ Programming	• To Understand programming Techniques in C and C++
	Core	17P1CA2	Data Structures and Algorithms	• To understand various Data Structures and algorithms design principles.
	Core	17P1CA3	Digital Computer Fundamentals	• To understand the basics of digital electronics.
	Core	17P1CA4	Database Management System	• To know concepts and techniques in DBMS.
	Core	17P1CA5	Computer Graphics	• To understand the various techniques in computer graphics.
	Core-PL	17P1CAP1	C and C++ Lab	• To Understand and apply data structures concepts in C and c++ programming.
	Core-PL	17P1CAP2	RDBMS Lab	• To apply RDBMS features through Oracle.
	Skill Elective-I	17P1CAS1	Grooming & Business Etiquette	• To acquire various expression skills.
II	Core	17P2CA6	Computer Networks	• To know about various layers of computer network architecture.
	Core	17P2CA7	Operating System Design Principles	• To understand the design concepts of Operating system.
	Core	17P2CA8	Computer Architecture	• To know about computer organization and its architecture.
	Core	17P2CA9	Java Programming	• To provide an exposure on network programming in Java, how to interface with swing, the basic database connectivity, how to develop client-server programming model using servlets and JSP and also deals with component programming using Java beans.
	Core	17P2CA10	Microprocessors and their Applications	• To understand concepts and applications of Microprocessors.

	Core-PL	17P2CAP3	Java Programming Lab	• To know concepts and techniques in Java.
	Core-PL	17P2CAP4	Multimedia and Operating Systems Lab	• Learn to use Multimedia technologies • To apply O.S concepts using UNIX Programming.
	Skill Elective-II	17P2CAS2	Presentation Skills	• To acquire skills for facing interviews
III	Core	17P3CA11	Internet and Web Technology	• To Understand HTML, Java script, VB script, ASP, PHP and MYSQL concepts.
	Core	17P3CA12	Accounting and Financial Management	• To present the whole range of book keeping & accountancy and to give comprehensive coverage to management accounts.
	Core	17P3CA13	Mathematical foundations of Computer Science	• To know about Mathematical techniques required for computer science.
	Core	17P3CA14	Organizational Behaviour	• Demonstrate the applicability of the concept of organizational behavior to understand the behavior of people in the organization. • Demonstrate the applicability of analyzing the complexities associated with management of individual behavior in the organization.
	Core	17P3CA15	Software Engineering	• To understand advances in developing software.
	Core-PL	17P3CAP5	Object Oriented Analysis and Design Lab	• Introduction to UML notations and diagrams. • Hands on exposure of “Visual Paradigm software for UML” involving analysis and design with UML diagrams.
	Core-PL	17P3CAP6	Web Design-Python Lab	• To apply Web technology concepts.

	Skill Elective-III	17P3CAS3	Group Communication	• To acquire Dynamic Skills for developing Personality.
	Core	17P4CA16	Optimization Techniques	• To understand different techniques to optimize for decision making
	Core	17P4CA17	Compiler Design	• To know the concepts and techniques for designing compiler.
	Core	17P4CA18	Big Data Analytics	• To provide an overview of an exciting growing field of big data analytics. • To introduce the tools required to manage and analyze big data like Hadoop, NoSql Map- Reduce. • To teach the fundamental techniques and principles in achieving big data analytics with scalability and streaming capability. • To enable students to have skills that will help them to solve complex real-world problems in for decision support.
	Major Elective-1	17P4CAEL1A 17P4CAEL1B 17P4CAEL1C	Distributed Programming using J2EE Ubiquitous Computing Peer-to-Peer Computing	• To impart knowledge about the distributed environment, its architecture, application development with RMI, Java Servlets, Java Server Pages, Struts and EJB using J2EE technologies. (or) • To understand the advances in pervasive computing. (or) • To know about the Peer-to-Peer computing techniquies.

IV	Major Elective-II	17P4CAEL2A 17P4CAEL2B 17P4CAEL2C	Enterprise Resource Planning Management Information System Software Project Management	• To know about the Peer-to-Peer computing techniques. (or) • To know about various information systems required to design MIS. (or) • To know about various information systems required to design MIS.
	Core-PL	17P4CAP7	Data Analytics Lab	• Work with big data tools and its analysis techniques • Design efficient algorithms for mining the data from large volumes • Design an efficient recommendation system • Design the tools for visualization
	Core –PL	17P4CAP8	Distributed Programming using J2EE lab	• To learn the usage and implementation of distributed application development packages.
	Skill Elective-IV	17P4CAS4	Interpersonal Skills	• Apply the concepts of transactional analysis. • Use the principles of persuasion to influence others.
	Core	17P5CA19	Cross Platform - Mobile Applications Development	• Design the right user interface for mobile application. • Implement mobile application using UI toolkits and frameworks. • Design a mobile application that is aware of the resource constraints of mobile devices. • Develop web based mobile application that accesses internet and location data.
	Core	17P5CA20	Dot Net frame work with C# Programming	• To understand Programming techniques in c#.

V	Major Elective–III	17P5CAEL3A 17P5CAEL3B 17P5CAEL3C	Soft Computing Internet of Things Human Computer Interaction	• To Understand Artificial Intellegence, Neural network and Fuzzy system concepts. (or) • To Understand the concepts and techniques of IoT. (or) • To Understand the concepts and techniques for effective interaction between Human and Computers.
	Major Elective-IV	17P5CAEL4A 17P5CAEL4B 17P5CAEL4C	Service Oriented Architecture Semantic Web Cloud Computing	• To understand software architecture and technologies related to SOA • To learn Service oriented Analysis and Design • To know about SOA implementation • To understand metadata management • To know about SOA in mobile research (or) • To know about the Semantic Web Applications. (or) • To understand various types of clouds • To learn cloud computing architecture • To learn Cloud security and its importance to real time applications.
	Core -PL	17P5CAP9	Cross Platform – Mobile Applications Development Lab	• Building mobile applications. • Availing variety of mobile brands and models for testing objectives in same location. • Pushing the innovation in mobile applications.
	Core-PL	17P5CAP10	C# Programming Lab	• To understand Programming techniques in c#.

	Skill Elective-V	17P5CAS5	Business Models - IT Industries	• To Know about industries and to get orientation in standards of quality and process.
VI	Core	17P6CAPR	Project	• To master technical and Software Development Skills. • Students have to undergo industrial Software Development projects using recent technologies.