

**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

B.Sc. COMPUTER SCIENCE (2017-2018)

Semester	Category	Course code	Title of the Course	Outcome
I	Part I	17U1CST1/H1	Tamil-I/Hindi -I	<ul style="list-style-type: none"> To know and get the awareness of recent tamil literature
	Part II	17U1CSE1	English-I	<ul style="list-style-type: none"> To initiate the Students to understand English through Prose, Poetry and Basic Communicative Grammar.
	Core	17U1CSC1	Problem Solving and Programming Techniques	<ul style="list-style-type: none"> To understand the basic concepts of problem solving approaches and develop optimal program structure using conditional and iterative control structures and functions. To design, implement, test, and apply the basic C programming concepts. Apply the techniques of structured (functional) decomposition to break a program into smaller pieces and describe the mechanics of parameter passing.
	Core	17U1CSCP1	Lab-I C Programming	<ul style="list-style-type: none"> To understand the basic concepts of problem solving approaches and develop optimal program structure using conditional and iterative control structures and functions. To design, implement, test, and apply the basic C programming concepts. Apply the techniques of structured (functional) decomposition to break a program into smaller pieces and describe the mechanics of parameter passing.

	Allied	17U1CSMAA1	Allied Mathematics I	<ul style="list-style-type: none"> To introduce the basic concepts of summation of series, theory of equations, special types of matrices, trigonometry and calculus.
	ES (SS)		Environment Studies	<ul style="list-style-type: none"> To get better awareness of Environmental Condition
II	Part I	17U2CST2/H2	Tamil-II/Hindi -II	<ul style="list-style-type: none"> To know and get the knowledge of Literature of the middle ages.
	Part II	17U2CSE2	English-II	<ul style="list-style-type: none"> To impart language and communicative skills through short stories, one act plays and communicative grammar
	Core	17U2CSC2	C++ and Data Structures	<ul style="list-style-type: none"> To Understand programming Techniques in C++ To understand various data structures and their capabilities.
	Core	17U2CSCP2	Lab-II C++ Programming	<ul style="list-style-type: none"> To understand Programming techniques in c++.
	Allied	17U2CSMAA2	Discrete Mathematics (NS)	<ul style="list-style-type: none"> Describe useful standard library functions, create functions and declare parameters.
	Allied	17U2CSMAA3	Allied Mathematics III	<ul style="list-style-type: none"> To study vector differentiation and vector integration with application. To study ordinary Differential equation and partial differential equation To study Fourier series and Laplace transforms.
	VBE	17U2CSVE	Value Based Education	<ul style="list-style-type: none"> To enhance the understanding of Human physical and mental health and the ability to maintain it well to the life and beyond.
	SBE	17U2CSS1	Skill Based Elective - New Media - 1	<ul style="list-style-type: none"> Develop self directed projects that synthesize creative, technical and critical approaches.
	Part I	17U3CST3/H3	Tamil-III/Hindi -III	<ul style="list-style-type: none"> To understand the differences and importance of Epics ,Essays, History of Tamil literature

III	Part II	17U3CSE3	English-III	<ul style="list-style-type: none"> To introduce the language of the world renowned dramatist and novelist to enhance the vocabulary and communicative skills of the learners.
	Core	17U3CSC3	Java Programming	<ul style="list-style-type: none"> To understand Programming concepts in Java
	Core	17U3CSCP3	Lab-III Java Programming	<ul style="list-style-type: none"> To apply the features of the Java.
	Allied	17U3CSPHA1	Allied Physics I	<ul style="list-style-type: none"> To understand the basic properties of materials. To acquire the knowledge about acoustics.
	GS	17U3CSGS	Gender Studies	<ul style="list-style-type: none"> To know the differences Understanding Gender to treat other genders with goodness
IV	Part I	17U4CST4/H4	Tamil-IV/Hindi -IV	<ul style="list-style-type: none"> To know and get the knowledge of Classical, Sangam, Moral Literatures of Tamil language.
	Part II	17U4CSE4	English-IV	<ul style="list-style-type: none"> To prepare the learners for competitive examinations and to know the fundamentals of practical communication.
	Core	17U4CSC4	Database Management Systems	<ul style="list-style-type: none"> To know about concepts and techniques to design DBMS.
	Core	17U4CSCP4	Lab-IV RDBMS	<ul style="list-style-type: none"> To apply RDBMS features through Oracle.
	Allied	17U4CSPHA2	Allied Physics II	<ul style="list-style-type: none"> To introduce the concepts of Dynamics, Friction. To introduce the knowledge about Relativity.
	Allied	17U4CSPHAPL	Allied Physics Lab (NS)	<ul style="list-style-type: none"> Students acquire skills in doing experiments related to properties of matter and sound.
	SBE	17U4CSS2	Skill Based Elective- New Media - 2	<ul style="list-style-type: none"> Evaluate the ethical and legal considerations surrounding the production and distribution of digital media.
	Core	17U5CSC5	Distributed Programming using	<ul style="list-style-type: none"> To an introduce the .NET architecture and its applications.

V			.net	<ul style="list-style-type: none"> To learn features of C# , ASP.NET and ADO.NET programming. To develop an applications in the .NET platform.
	Core	17U5CSC6	Data Mining and Data Warehousing	<ul style="list-style-type: none"> To know about the architecture and application areas of Data ware housing and Mining.
	Core	17U5CSC7	Cloud Computing	<ul style="list-style-type: none"> To understand the basic concepts of Cloud Computing To learn the cloud services and developing cloud in different platforms To study the various applications of cloud.
	Core	17U5CSCP5	Lab-V Distributed Programming using .net Lab	<ul style="list-style-type: none"> To develop an application using C#, ADO.net and ASP.net
	Elective-I	17U5CSEL1A 17U5CSEL1B	Computer Graphics/ Multimedia Technologies	<ul style="list-style-type: none"> To understand concepts and techniques in Graphics. <p>(OR)</p> <ul style="list-style-type: none"> To know about design principles of multimedia system.
	Elective-II	17U5CSEL2A 17U5CSEL2B	Software Engineering UML Programming	<ul style="list-style-type: none"> To understand various phases in developing a Software. <p>(OR)</p> <ul style="list-style-type: none"> To understand the basic concepts of UML Programming.
	NME	17U5CSNME	Non Major Elective- Internet basics	<ul style="list-style-type: none"> Describe connections that need to be made in order to access the internet.
	SSD	17U5CSSSD	Soft Skill Development	<ul style="list-style-type: none"> Developing organizational behavior and employment skills to the employment organizations
	Core	17U6CSC8	Computer architecture and Microprocessor	<ul style="list-style-type: none"> To understand the programming techniques in Microprocessors.

VI	Core	17U6CSC9	Data Communication Network	<ul style="list-style-type: none"> To understand various layers and protocols for networks.
	Core	17U6CSC10	Operating System	<ul style="list-style-type: none"> To know about design principles of Operating System with different cases.
	Core	17U6CSC11	Mobile Applications	<ul style="list-style-type: none"> To provide thorough introduction to Android. To learn the basic concepts of Android Development tools and Life cycle. To impart knowledge about user interfaces To have an exposure about databases and content providers To understand the principles of graphics, messaging, sound , video and publishing the application
	Elective-I	17U6CSEL3A 17U6CSEL3B	Web Design Open Source Technology	<ul style="list-style-type: none"> To understand the basic concepts of HTML To give insight for JavaScript To imbibe the programming concepts of PHP To imbibe the necessary knowledge of the tools useful for creating dynamic website It also introduces the client server technology by integrating the technologies of HTML,Java Script, PHP and MySQL. <p>(OR)</p> <ul style="list-style-type: none"> To know about the techniques and concepts of Open source technology.
	Elective-II	17U6CSEL4PA 17U6CSEL4PB	Lab-VI Web Design & Mobile Lab Open Source Technology-Lab	<ul style="list-style-type: none"> To provide in depth programming practical knowledge in Web Technology and Mobile Lab
	CN	17U6CSCN	Comprehensive test	<ul style="list-style-type: none"> To better for the preparations of Competitive Exams in advance.
	GK	17U6CSGK	General Knowledge	<ul style="list-style-type: none"> To make awareness of GK in Competitive World.