

**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**

## BCA (BACHELOR OF COMPUTER APPLICATIONS) 2017 - 2018

Semester	Category	Course code	Title of the Course	Outcome
<b>I</b>	Part I	17U1CAT1/H1	Tamil-I/Hindi -I	<ul style="list-style-type: none"> <li>To know and get the awareness of recent tamil literature</li> </ul>
	Part II	17U1CAE1	English-I	<ul style="list-style-type: none"> <li>To initiate the Students to understand English through Prose, Poetry and Basic Communicative Grammar.</li> </ul>
	Core	17U1CAC1	Problem Solving and Programming Techniques	<ul style="list-style-type: none"> <li>To understand the basic concepts of problem solving approaches and develop optimal program structure using conditional and iterative control structures and functions.</li> <li>To design, implement, test, and apply the basic C programming concepts.</li> <li>Apply the techniques of structured (functional) decomposition to break a program into smaller pieces and describe the mechanics of parameter passing.</li> </ul>
	Core	17U1CACP1	Lab I C Programming	<ul style="list-style-type: none"> <li>To understand the basic concepts of problem solving approaches and develop optimal program structure using conditional and iterative control structures and functions.</li> <li>To design, implement, test, and apply the basic C programming concepts.</li> <li>Apply the techniques of structured (functional) decomposition to break a program into smaller pieces and describe the mechanics of parameter passing.</li> </ul>
	Allied	17U1CAMAA1	Numerical Analysis and Statistical method	<ul style="list-style-type: none"> <li>Understand and implement various concepts of numerical analysis and statistics to solve real life problems.</li> </ul>

	ES	17U1CAES	Environment Studies	<ul style="list-style-type: none"> <li>To get better awareness of Environmental Condition</li> </ul>
II	Part I	17U2CAT2/H2	Tamil-II/Hindi -II	<ul style="list-style-type: none"> <li>To know and get the knowledge of Literature of the middle ages.</li> </ul>
	Part II	17U2CAE2	English-II	<ul style="list-style-type: none"> <li>To impart language and communicative skills through short stories, one act plays and communicative grammar</li> </ul>
	Core	17U2CAC2	C++ and Data Structures	<ul style="list-style-type: none"> <li>To Understand programming Techniques in C++</li> <li>To understand various data structures and their capabilities</li> </ul>
	Core	17U2CACP2	Lab-II C++ Programming	<ul style="list-style-type: none"> <li>To understand Programming techniques in c++.</li> </ul>
	Allied	17U2CAMAA2	Discrete Mathematics (NS)	<ul style="list-style-type: none"> <li>Describe useful standard library functions, create functions and declare parameters.</li> </ul>
	Allied	17U2CAMAA3	Operation Research	<ul style="list-style-type: none"> <li>This course introduces the concepts, models and problem solving techniques of optimization problems. To enable the students gain knowledge about various optimization techniques like linear programming, duality in linear programming and integer programming.</li> </ul>
	VBE	17U2CAVE	Value Based Education	<ul style="list-style-type: none"> <li>To enhance the understanding of Human physical and mental health and the ability to maintain it well to the life and beyond.</li> </ul>
	SBE	17U2CAS1	Skill Based Elective - New Media - 1	<ul style="list-style-type: none"> <li>Develop self directed projects that synthesize creative, technical and critical approaches.</li> </ul>
	Part I	17U3CAT3/H3	Tamil-III/Hindi -III	<ul style="list-style-type: none"> <li>To understand the differences and importance of Epics ,Essays, History of Tamil literature</li> </ul>
	Part II	17U3CAE3	English-III	<ul style="list-style-type: none"> <li>To introduce the language of the world</li> </ul>

<b>III</b>				renowned dramatist and novelist to enhance the vocabulary and communicative skills of the learners.
	Core	17U3CAC3	Java Programming	<ul style="list-style-type: none"> <li>To understand Programming concepts in Java</li> </ul>
	Core	17U3CACP3	Lab III Java Programming	<ul style="list-style-type: none"> <li>To apply the features of the Java.</li> <li>To apply web technology concepts.</li> </ul>
	Allied	17U3CABAA1	Organizational Behaviour	<ul style="list-style-type: none"> <li>To understand the concepts of organizational behaviour.</li> </ul>
	Allied	17U4CABAAP2	Organizational Dynamics Training lab (NS)	<ul style="list-style-type: none"> <li>The course aims at providing practical experience for the complete personality development.</li> </ul>
	GS	17U3CAGS	Gender Studies	<ul style="list-style-type: none"> <li>To know the differences Understanding Gender to treat other genders with goodness</li> </ul>
<b>IV</b>	Part I	17U4CAT4/H4	Tamil-IV/Hindi -IV	<ul style="list-style-type: none"> <li>To know and get the knowledge of Classical, Sangam, Moral Literatures of Tamil language.</li> </ul>
	Part II	17U4CAE4	English-IV	<ul style="list-style-type: none"> <li>To prepare the learners for competitive examinations and to know the fundamentals of practical communication.</li> </ul>
	Core	17U4CAC4	DataBase Management System	<ul style="list-style-type: none"> <li>To know about concepts and techniques to design DBMS.</li> </ul>
	Core-PL	17U4CACP4	Lab IV - DataBase Management System and Accounting Package	<ul style="list-style-type: none"> <li>To apply the concepts of RDBMS and solving accounting problems using accounting package.</li> </ul>
	Allied	17U4CABAAP2	Organizational Dynamics Training lab	<ul style="list-style-type: none"> <li>The course aims at providing practical experience for the complete personality development.</li> </ul>
	Allied	17U4CABAA3	Financial Accounting	<ul style="list-style-type: none"> <li>To understand the design of computer architecture</li> </ul>
	SBE	17U4CAS2	Skill Based Elective -	<ul style="list-style-type: none"> <li>Evaluate the ethical and legal considerations surrounding the production and distribution of</li> </ul>

			New Media - 2	digital media.
<b>V</b>	Core	17U5CAC5	Operating System	<ul style="list-style-type: none"> <li>To know about design principles of Operating System.</li> </ul>
	Core	17U5CAC6	Computer Networks	<ul style="list-style-type: none"> <li>To know about various layers of computer network architecture.</li> </ul>
	Core	17U5CAC7	Cloud Computing	<ul style="list-style-type: none"> <li>To understand the basic concepts of Cloud Computing</li> <li>To learn the cloud services and developing cloud in different platforms</li> <li>To study the various applications of cloud</li> </ul>
	Core	17U5CACP5	Lab V- Operating System and Web Design	<ul style="list-style-type: none"> <li>To apply O.S concepts using Linux Programming.</li> <li>To apply web technology concepts.</li> </ul>
	Major Elective-1	17U5CAEL1A/ 17U5CAEL1B	E-Business Management Information System	<ul style="list-style-type: none"> <li>To understand the use of Internet for business processes.</li> </ul> <p>(OR)</p> <ul style="list-style-type: none"> <li>To know about various information systems required to design MIS.</li> </ul>
	Major Elective-2	17U5CAEL2A 17U5CAEL2B	XML and Web Services Web Technology	<ul style="list-style-type: none"> <li>To understand the basic concepts of XML Programming.</li> </ul> <p>(OR)</p> <ul style="list-style-type: none"> <li>To understand the basic concepts of HTML</li> <li>To give insight for JavaScript</li> <li>To imbibe the programming concepts of PHP</li> <li>To imbibe the necessary knowledge of the tools useful for creating dynamic website</li> </ul>
	SSD	17U5CASSD	Soft Skill Development	<ul style="list-style-type: none"> <li>Developing organizational behavior and employment skills to the employment organizations</li> </ul>
	NME	17U5CANME	Internet basics	<ul style="list-style-type: none"> <li>Describe connections that need to be made in order to access the internet.</li> </ul>
	Core	17U6CAC8	Distributed Programming using .net	<ul style="list-style-type: none"> <li>To an introduce the .NET architecture and its applications.</li> <li>To learn features of C# , ASP.NET and ADO.NET</li> </ul>

<b>VI</b>				<p>programming.</p> <ul style="list-style-type: none"> <li>To develop an applications in the .NET platform.</li> </ul>
	Core	17U6CAC9	Software Engineering	<ul style="list-style-type: none"> <li>To understand various phases in developing a Software.</li> </ul>
	Core	17U6CAC10	Data mining & Data Warehousing	<ul style="list-style-type: none"> <li>To know about the architecture and application areas of Data ware housing and Mining.</li> </ul>
	Core	17U6CACP6	Lab VI - Distributed Programming using .net lab	<ul style="list-style-type: none"> <li>To develop an application using C#, ADO.net and ASP.net</li> </ul>
	Major Elective-3	17U6CAEL3A 17U6CAEL3B	Multimedia Mobile Applications	<ul style="list-style-type: none"> <li>To know about design principles of multimedia system.</li> </ul> <p>(OR)</p> <ul style="list-style-type: none"> <li>To provide thorough introduction to Android.</li> <li>To learn the basic concepts of Android Development tools and Life cycle.</li> <li>To impart knowledge about user interfaces</li> <li>To have an exposure about databases and content providers</li> <li>To understand the principles of graphics, messaging, sound , video and publishing the application</li> </ul>
	Major Elective-4	17U6CAEL4PA 17U6CAEL4PB	Multimedia lab Mobile Applications lab	<ul style="list-style-type: none"> <li>Building mobile applications.</li> <li>Availing variety of mobile brands and models for testing objectives in same location.</li> <li>Pushing the innovation in mobile applications.</li> </ul>
	GK	17U6CAGK	General Knowledge	<ul style="list-style-type: none"> <li>To make awareness of GK in Competitive World.</li> </ul>
	CN	17U6CACN	Comprehensive test	<ul style="list-style-type: none"> <li>To better for the preparations of Competitive Exams in advance.</li> </ul>