

J.J. College of Arts & Science (Autonomous), Pudukkottai

Department of Information Technology

Course Outcomes

B.Sc. Information Technology – USIT

Course Name - Principles of Information Technology		Course Code - U1R1ITCC1
Upon Completion of the course students would be able to		
CO 1	Understand the Parts of the Computer	
CO 2	Understand the System Languages and Operating System	
CO 3	Acquire the knowledge of Internet and Networks	
CO 4	Understand the types of Networks	
CO 5	Gather the strong ideas in Programming Languages	
Course Name - Programming in C		Course Code - U2R1ITCC3
Upon Completion of the course students would be able to		
CO 1	Understand the High Level Language and Compilation.	
CO 2	Gather the strong ideas using Pointers.	
CO 3	Improve the Knowledge using Files.	
CO 4	Develop the knowledge in Control Statement	
CO 5	Gather the ideas in Operators	
Course Name – Computer Hardware and Troubleshooting.		Course Code – U2R1ITAC2
Upon Completion of the course students would be able to		
CO 1	Improve the Hardware Knowledge	
CO 2	Gather the Troubleshooting Knowledge	
CO 3	Understand the Memory concept	
CO 4	Gather the knowledge in Input devices	
CO 5	Gather the knowledge in Output devices	

Course Name - Fundamentals of Data Structures		Course Code – U3R1ITCC5
Upon Completion of the course students would be able to		
CO 1	Gather the practical knowledge about Stack and Queue.	
CO 2	Understand the practical knowledge in Dijkstra’s Algorithm.	
CO 3	Understand the shortest path problems	
CO 4	Understand the Sorting techniques	
CO 5	Understand the concepts in Graph	
Course Name - Object Oriented Programming with C++		Course Code – U3R1ITCC6
Upon Completion of the course students would be able to		
CO 1	Create the depth knowledge in Virtual function	
CO 2	Create the practical knowledge in Inheritance	
CO 3	Gather the depth knowledge in Polymorphism	
CO 4	Create the ideas in Exception handling	
CO 5	Understand the IO Stream classes	
Course Name – JAVA Programming		Course Code – U4R1ITCC8
Upon Completion of the course students would be able to		
CO 1	Create the practical knowledge in JAVA.	
CO 2	Create the depth knowledge in Applet.	
CO 3	Gather the practical knowledge in Threads.	
CO 4	Understand the class and object	
CO 5	Create knowledge in Package	

Course Name - Digital Computer Fundamentals		Course Code – U4R1ITAC5
Upon Completion of the course students would be able to		
CO 1	Improve the knowledge in Number System	
CO 2	Gather the depth knowledge in K-Map	
CO 3	Create the knowledge in Sequential and Combination circuits.	
CO 4	Create the knowledge in Multiplex and De-multiplexer.	
CO 5	Create the knowledge in Coder and Decoder	
Course Name - LINUX and Shell Programming		Course Code – U4R1ITAC6
Upon Completion of the course students would be able to		
CO 1	Understand the security level of UNIX O.S.	
CO 2	Gather the depth knowledge of Shell Program	
CO 3	Create the knowledge in UNIX Utilities	
CO 4	Create the basic ideas in Shell programming	
CO 5	Understand the concepts in filter	
Course Name – Web Technology		Course Code – U4R1ITSBE1
Upon Completion of the course students would be able to		
CO 1	Understand the details of Internet.	
CO 2	Develop the knowledge in HTML Web program.	
CO 3	Create the Web User Interaction	
CO 4	Provide the basic knowledge in web design	
CO 5	Gather the knowledge in HTML Tag	

Course Name - Operating System		Course Code – U5R1ITCC10
Upon Completion of the course students would be able to		
CO 1	Create the Knowledge in Memory Management	
CO 2	Gather the depth knowledge in Device Management	
CO 3	Create the Knowledge in Processor Management	
CO 4	Provide the details in Dead lock	
CO 5	Improve the knowledge in Files	
Course Name - DBMS		Course Code – U5R1ITCC11
Upon Completion of the course students would be able to		
CO 1	Understand the SQL Queries	
CO 2	Improve the PL/SQL Programming knowledge	
CO 3	Understand the Normalizations form.	
CO 4	Provide the details of DBA	
CO 5	Create a knowledge in Sub-Queries	
Course Name - Dot Net Technology		Course Code – U5R1ITMBE1
Upon Completion of the course students would be able to		
CO 1	Understand the ASP.NET website creation.	
CO 2	Understand the ASP.NET control.	
CO 3	Create the depth knowledge in ADO.NET.	
CO 4	Develop the programming skills in OLEDB	
CO 5	Develop the dynamic web pages using ASP.NET	

Course Name - Human Resource Management		Course Code - U5R1ITSBE2
Upon Completion of the course students would be able to		
CO 1	Create the knowledge of Human Resource Management.	
CO 2	Improve the knowledge in Compensation Management.	
CO 3	Improve the talent in Human relations.	
CO 4	Improve the talent in Procurement.	
CO 5	Improve the talent in HR Planning.	
Course Name - Basics of Information Technology		Course Code - U5R1ITDC1
Upon Completion of the course students would be able to		
CO 1	Understand the Parts of the Computer.	
CO 2	Understand the System Languages and Operating System.	
CO 3	Create knowledge in Networks.	
CO 4	Improve the ideas in WWW	
CO 5	Gather the knowledge in Internet	
Course Name - PHP Programming		Course Code - U6R1ITCC13
Upon Completion of the course students would be able to		
CO 1	Understand the PHP Programming.	
CO 2	Create the knowledge of PHP Array and String functions.	
CO 3	Develop the knowledge of Files and MYSQL.	
CO 4	Gather basic ideas in Cookies	
CO 5	Gather basic ideas in Sessions	

Course Name - Computer Networks		Course Code - U6R1ITMBE2
Upon Completion of the course students would be able to		
CO 1	Create the depth knowledge in Computer Networks.	
CO 2	Gather the knowledge in Routing and Congestion Algorithm.	
CO 3	Understand the knowledge of Email and WWW.	
CO 4	Improve the skills in OSI model	
CO 5	Understand the concepts in TCP/IP	
Course Name - Software Engineering		Course Code - U6R1ITMBE3
Upon Completion of the course students would be able to		
CO 1	Understand the Software Development Concepts.	
CO 2	Create the depth knowledge in Validation.	
CO 3	Create the knowledge in Software testing.	
CO 4	Gather the basic knowledge in SDLC	
CO 5	Improve the skills in White-Box and Black-Box Testing	
Course Name - Microprocessor and ALP		Course Code - U6R1ITSBE3
Upon Completion of the course students would be able to		
CO 1	Create the knowledge of ALP.	
CO 2	Improve the knowledge in Intel 8085 Microprocessor.	
CO 3	Gather depth knowledge in Peripheral devices in Intel 8085.	
CO 4	Understand the Addressing Modes in Intel 8085	
CO 5	Understand the Instruction set in Intel 8085	

Course Name - Management Information System		Course Code - U6R1ITDC2
Upon Completion of the course students would be able to		
CO 1	Create depth knowledge in MIS.	
CO 2	Provide the knowledge about E-Commerce.	
CO 3	Create the knowledge in Enterprise System.	
CO 4	Gather the knowledge in DSS	
CO 5	Improve the ideas in EDI	

Course Name – Digital Document Preparation Practical		Course Code – U1R1ITCC2
Upon Completion of the course students would be able to		
CO 1	Gather the knowledge in MS-Word	
CO 2	Gather the knowledge in MS-Excel	
CO 3	Gather the knowledge in MS-Power Point	
CO 4	Gather the knowledge in MS-Access	
CO 5	Gather the knowledge in HTML	
Course Name – Programming in C Practical		Course Code – U2R1ITCC4P
Upon Completion of the course students would be able to		
CO 1	Gather the knowledge in Operators	
CO 2	Gather the knowledge in Control Structures	
CO 3	Gather the knowledge in Array	
CO 4	Gather the knowledge in Structures	
CO 5	Gather the knowledge in Pointers	

Course Name – Object Oriented Programming with C++		Course Code – U3R1ITCC6P
Upon Completion of the course students would be able to		
CO 1	Gather the knowledge in class and object	
CO 2	Gather the knowledge in Constructors	
CO 3	Gather the knowledge in Virtual function	
CO 4	Gather the knowledge in function overloading	
CO 5	Gather the knowledge in Operator overloading	

Course Name – JAVA Programming Practical		Course Code – U4R1ITCC9P
Upon Completion of the course students would be able to		
CO 1	Create the knowledge in API	
CO 2	Gather the knowledge in Applet	
CO 3	Create the knowledge in Package	
CO 4	Create the knowledge in Interface	
CO 5	Create the knowledge in Threads	
Course Name – DBMS Practical		Course Code – U5R1ITCC12P
Upon Completion of the course students would be able to		
CO 1	Gather the knowledge in DML Queries	
CO 2	Gather the knowledge in DDL Queries	
CO 3	Gather the knowledge in DCL Queries	
CO 4	Create the knowledge in Cursor and Trigger	
CO 5	Create the knowledge in PL/SQL	

Course Name – PHP Programming Practical	Course Code - U6R1ITCC14P
Upon Completion of the course students would be able to	
CO 1	Gather the knowledge in Operators
CO 2	Gather the knowledge in Control Statements
CO 3	Gather the knowledge in Cookies and Sessions
CO 4	Create the knowledge in File Processing
CO 5	Create the knowledge in MySQL