

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

Department of Information Technology

Course Outcomes

M.Sc. Information Technology – PSIT

Course Name - Mobile Communications		Course Code - P1R1ITCC1
Upon Completion of the course students would be able to		
CO 1	Understand the Mobile Communications.	
CO 2	Create knowledge in WAP.	
CO 3	Improve the details of WLAN.	
CO 4	Understand the Bluetooth concepts	
CO 5	Understand the details of Wireless Communications	
Course Name - Open Source Technology		Course Code - P1R1ITCC2
Upon Completion of the course students would be able to		
CO 1	Create knowledge in UNIX shell Programming	
CO 2	Improve the Knowledge in Shell Utilities	
CO 3	Create the knowledge in filters	
CO 4	Understand the concepts of Shell variables	
CO 5	Understand the concepts of Vi Editor	
Course Name – OOAD and UML		Course Code – P1R1ITCC3
Upon Completion of the course students would be able to		
CO 1	Improve the knowledge in UML concepts	
CO 2	Acquire the Class and Objects concepts	
CO 3	Develop the knowledge in Use Cases	
CO 4	Acquire the knowledge in Object Oriented Model	
CO 5	Gather the ideas in user interface layer	

Course Name - Relational Data Base Management Systems		Course Code – P1R1ITCC4
Upon Completion of the course students would be able to		
CO 1	Develop the knowledge in SQL	
CO 2	Improve the talent in Normalization form	
CO 3	Develop the knowledge in OODB	
CO 4	Understand the knowledge in Transaction Processing	
CO 5	Understand the knowledge in ER Model	
Course Name - Web Technology		Course Code – P1R1ITEC1:1
Upon Completion of the course students would be able to		
CO 1	Understand the Web Technology	
CO 2	Create knowledge in Protocols and E-Commerce	
CO 3	Improve the details of ASP.NET	
CO 4	Understand the knowledge in OSI Model	
CO 5	Understand the knowledge in Dynamic Web Pages	
Course Name – Human computer interaction		Course Code – P1R1ITEC1:2
Upon Completion of the course students would be able to		
CO 1	Understand the concept of HCI	
CO 2	Create knowledge in WIMP	
CO 3	Improve the details of task analysis	
CO 4	Create knowledge in HCI Process model	
CO 5	Understand the concept of Cognitive model	

Course Name - Computer graphics		Course Code – P1R1ITEC1:3
Upon Completion of the course students would be able to		
CO 1	Understand the Computer Graphics	
CO 2	Create knowledge in 2D and 3D images	
CO 3	Improve the details of Color model	
CO 4	Create knowledge in Image transformations	
CO 5	Improve the details of Scaling and Rotation	
Course Name - Advanced Java Programming		Course Code – P2R1ITCC6
Upon Completion of the course students would be able to		
CO 1	Understood the OOPs Concepts	
CO 2	Improve the knowledge in JDBC	
CO 3	Create the knowledge in Servlet	
CO 4	Understand the knowledge in EJB	
CO 5	Create the knowledge in RMI	
Course Name – Client Server Computing		Course Code – P2R1ITCC7
Upon Completion of the course students would be able to		
CO 1	Understand the Client Server Concepts	
CO 2	Create knowledge in COM	
CO 3	Improve the knowledge in EJB Applications	
CO 4	Improve the knowledge in EJB Architectures	
CO 5	Understand the CORBO concepts	

Course Name - Cloud Computing		Course Code – P2R1ITCC8
Upon Completion of the course students would be able to		
CO 1	Understand the Web API	
CO 2	Improve the knowledge in Standard infrastructure	
CO 3	Develop the talent in Cloud	
CO 4	Gather the details in Types of Cloud	
CO 5	Gather the details in Cloud Services	
Course Name - Data Mining and Warehousing		Course Code – P2R1ITCC9
Upon Completion of the course students would be able to		
CO 1	Understand the Data Mining Concepts	
CO 2	Improve the knowledge in Cluster Analysis	
CO 3	Develop depth knowledge in OLAP	
CO 4	Gather the knowledge in Association Mining	
CO 5	Gather the knowledge in Data Warehousing	
Course Name - Network security		Course Code – P2R1ITEC2:1
Upon Completion of the course students would be able to		
CO 1	Understand the concepts Network Security.	
CO 2	Create knowledge in RSA Algorithm	
CO 3	Improve the knowledge in Virus	
CO 4	Create knowledge in Email Security	
CO 5	Improve the knowledge in DES	

Course Name - Embedded systems		Course Code - P2R1ITEC2:2
Upon Completion of the course students would be able to		
CO 1	Understand the Embedded System.	
CO 2	Create knowledge in RTOS.	
CO 3	Improve the details of Hardware and Software Design.	
CO 4	Create knowledge in Devices and Buses	
CO 5	Create knowledge in RTOS Tools	
Course Name - Artificial intelligence and expert system		Course Code - P2R1ITEC2:3
Upon Completion of the course students would be able to		
CO 1	Understand the concepts AI.	
CO 2	Create the knowledge in Expert System.	
CO 3	Improve the details of Decision Making.	
CO 4	Create the knowledge in Searching Techniques	
CO 5	Improve the details of knowledge representation	
Course Name - Distributed technology		Course Code - P3R1ITCC11
Upon Completion of the course students would be able to		
CO 1	Understand the ASP.NET Frameworks	
CO 2	Develop the ASP.NET project	
CO 3	Improve the ADO.NET concepts	
CO 4	Understand the Web Controls	
CO 5	Gather the ideas in provider object and consumer object	

Course Name - Internet of things		Course Code - P3R1ITCC12
Upon Completion of the course students would be able to		
CO 1	Understand the IoT.	
CO 2	Develop the knowledge in IoT.	
CO 3	Improve the knowledge in Python.	
CO 4	Improve the knowledge in M2M.	
CO 5	Improve the knowledge in Domain specific IoT.	
Course Name - Pervasive computing		Course Code - P3R1ITEC3:1
Upon Completion of the course students would be able to		
CO 1	Understand the Pervasive Computing	
CO 2	Create knowledge in PDA	
CO 3	Improve the details of WAP	
CO 4	Understand the details in Device Technology	
CO 5	Understand the details in Device Connectivity	
Course Name - Mobile computing		Course Code - P3R1ITEC3:2
Upon Completion of the course students would be able to		
CO 1	Understand the Android.	
CO 2	Create the knowledge in Android Games.	
CO 3	Improve the details of Android Drawing.	
CO 4	Create the knowledge in Debugging	
CO 5	Understand the SQL Connection	

Course Name - Software testing		Course Code - P3R1ITEC3:3
Upon Completion of the course students would be able to		
CO 1	Understand the Software Testing	
CO 2	Create knowledge in Testing Techniques	
CO 3	Improve the details of Black and White box testing	
CO 4	Create knowledge in Software Life Cycle	
CO 5	Create knowledge in Integration, System and Acceptance Testing	
Course Name - Grid computing		Course Code - P3R1ITEC4:1
Upon Completion of the course students would be able to		
CO 1	Understand the Grid Computing.	
CO 2	Create knowledge in OSGA	
CO 3	Improve the details of Desktop Grid.	
CO 4	Improve the details of Data Grid.	
CO 5	Improve the details of Creating Grid Services.	
Course Name - Digital image processing		Course Code - P3R1ITEC4:2
Upon Completion of the course students would be able to		
CO 1	Understand the DIP.	
CO 2	Create knowledge in Line drawing Algorithm.	
CO 3	Improve the details of 3D image.	
CO 4	Improve the details of Image Enhancement.	
CO 5	Improve the details of Image Transformation.	

Course Name - Big data analytics		Course Code - P3R1ITEC4:3
Upon Completion of the course students would be able to		
CO 1	Understand the Big Data.	
CO 2	Create knowledge in Hadoop.	
CO 3	Improve the details of NoSQL.	
CO 4	Improve the details of Big Data Technology	
CO 5	Improve the details of Big Data Analytics	
Course Name - Software Project Management		Course Code - P3R1ITCC14
Upon Completion of the course students would be able to		
CO 1	Understand the Software Project Model.	
CO 2	Improve the knowledge in Software Testing.	
CO 3	Develop the depth knowledge in Risk analysis.	
CO 4	Improve the knowledge in Software Effort Management.	
CO 5	Improve the knowledge in Software Process Model.	

Course Name – Open Source Technology Practical		Course Code – P1R1ITCC5P
Upon Completion of the course students would be able to		
CO 1	Create the skills in UNIX shell Programming	
CO 2	Improve the Skills in Shell Utilities	
CO 3	Create the knowledge in filters	
CO 4	Understand the concepts of grap	
CO 5	Understand the concepts of Vi Editor commands	
Course Name – Advanced JAVA Programming Practical		Course Code – P2R1ITCC10P
Upon Completion of the course students would be able to		
CO 1	Create the skills in EJB	
CO 2	Improve the Skills in RMI	
CO 3	Create the knowledge in Servlet programming	
CO 4	Understand the concepts of Swing	
CO 5	Understand the concepts of JDBC	

Course Name – Distributed Computing Practical		Course Code – P3R1ITCC13P
Upon Completion of the course students would be able to		
CO 1	Create the ASP.NET programming skills	
CO 2	Develop the ASP.NET project	
CO 3	Improve the ADO.NET concepts	
CO 4	Understand the Web Controls	
CO 5	Gather the ideas in provider object and consumer object	
Course Name – Project Work		Course Code – P4R1ITCC15PW
Upon Completion of the course students would be able to		
CO 1	Create the Frameworks	
CO 2	Create the Online Applications	
CO 3	Gather the Software industry experiences	
CO 4	Create the technical skills in web Applications	
CO 5	Create the Online Real time Projects	