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

Department of Information Technology

Course Outcomes – 2022 - 2023

M.Sc. I.T. – PSIT

Course Name – Advanced JAVA Programming		Course Code – P1R3ITCC1	Knowledge Level
After completion of this course, students would be able to			
CO1	Understood the OOPs Concepts		K2
CO2	Improve the knowledge in JDBC		K1
CO3	Create the knowledge in Servlet		K5
CO4	Understand the knowledge in EJB		K2
CO5	Create the knowledge in RMI		K5
Course Name – Cryptography and Network Security		Course Code – P1R3ITCC2	Knowledge Level
After completion of this course, students would be able to			
CO1	Understand the concepts Network Security.		K2
CO2	Create knowledge in RSA Algorithm		K5
CO3	Improve the knowledge in Virus		K6
CO4	Create knowledge in Email Security		K5
CO5	Improve the knowledge in DES		K6
Course Name – Design and Analysis of Algorithms		Course Code – P1R3ITCC3	Knowledge Level
After completion of this course, students would be able to			
CO1	Understand the concept of data structure.		K2
CO2	Create knowledge in divide and conquer.		K5
CO3	Improve the knowledge in the greedy method.		K6
CO4	Create knowledge in dynamic programming.		K5
CO5	Improve the knowledge in backtracking		K6
Course Name – Advanced JAVA Practical		Course Code –P1R3ITCC4P	Knowledge Level
After completion of this course, students would be able to			
CO1	Understand the concept of Java applications.		K2
CO2	Create knowledge of Japplet.		K5
CO3	Improve the knowledge of JDBC.		K6
CO4	Improve the knowledge of servlet.		K5
CO5	Improve the knowledge of java swing and RMI concept.		K6

Course Name – Algorithm Practical	Course Code – P1R3ITCC5P	Knowledge Level
After completion of this course, students would be able to		
CO1	Understand the concept of sorting techniques..	K2
CO2	Improve the knowledge in searching techniques.	K5
CO3	Improve the knowledge in complexity of algorithms.	K6
CO4	Improve the knowledge to solve polynomial addition.	K5
CO5	Improve the knowledge of stack and queue concept..	K6
Course Name – Cloud Computing	Course Code – P1R3ITDSE1:1	Knowledge Level
After completion of this course, students would be able to		
CO1	Understand the Web API	K2
CO2	Improve the knowledge in Standard infrastructure	K6
CO3	Develop the talent in Cloud	K3
CO4	Gather the details in Types of Cloud	K4
CO5	Gather the details in Cloud Services	K4
Course Name – Advanced Computer Networks	Course Code – P1R3ITDSE1:2	Knowledge Level
After completion of this course, students would be able to		
CO1	Understand the computer networks	K2
CO2	Improve the knowledge in wireless transmission	K6
CO3	Develop the talent in protocols	K3
CO4	Gather the details in Types of layers	K4
CO5	Gather the details in network security	K4
Course Name – Advanced Web Technology	Course Code – P2R3ITCC6	Knowledge Level
After completion of this course, students would be able to		
CO1	Understand the basic concept Dot Net Framework	K2
CO2	Improve the knowledge of an ASP Application	K6
CO3	Develop the Knowledge in Working with Data	K3
CO4	Gather the details of web Services Architecture.	K4
CO5	Gather the details of Advanced ASP Dot Net.	K4

Course Name – Distributed Operating System	Course Code – P2R3ITCC7	Knowledge Level
After completion of this course, students would be able to		
CO1	Understand the basic concept of an Operating System.	K2
CO2	Improve the knowledge of Distributed Operating System.	K6
CO3	Develop the Knowledge in Distributed File System.	K3
CO4	Gather the details of Fault Tolerance.	K4
CO5	Gather the details of Multi Processor and Database OS.	K4
Course Name – Machine Learning	Course Code – P2R3ITCC8	Knowledge Level
After completion of this course, students would be able to		
CO1	Understand the basic concept of Machine Learning.	K2
CO2	Improve the knowledge of Neural Network and Genetic Algorithm	K6
CO3	Develop the Knowledge in Bayesian and computational Learning.	K3
CO4	Gather the details of Instant based Learning.	K4
CO5	Gather the details of Advanced Learning.	K4
Course Name – Advanced Database Management Systems	Course Code – P2R3ITCC9	Knowledge Level
After completion of this course, students would be able to		
CO1	Understand the basic concept of relational and parallel database design.	K2
CO2	Improve the knowledge of Distributed Object Based Databases.	K6
CO3	Develop the Knowledge in spatial Databases.	K3
CO4	Gather the details of XML Databases..	K4
CO5	Gather the details of Temporal Databases.	K4
Course Name – Advanced Web Technology Practical	Course Code – P2R3ITCC10P	Knowledge Level
After completion of this course, students would be able to		
CO1	Understand the basic concept of HTML server controls.	K2
CO2	Improve the knowledge of data grid control to access information.	K6
CO3	Develop the Knowledge in spatial Databases.	K3
CO4	Gather the details of E mail registration.	K4
CO5	Gather the details of data list control	K5

Course Name – Data Mining	Course Code – P2R3ITDSE2:1	Knowledge Level
After completion of this course, students would be able to		
CO1	Understand the Data Mining Concepts	K4
CO2	Improve the knowledge in Cluster Analysis	K3
CO3	Develop depth knowledge in OLAP	K2
CO4	Gather the knowledge in Association Mining	K1
CO5	Gather the knowledge in Data Warehousing	K5
Course Name – Data Science and Big Data Analytics	**Course Code – P2R3ITDSE2:2**	**Knowledge Level**
After completion of this course, students would be able to		
CO1	Understand the concept of big data analytics.	K2
CO2	Create knowledge in big data analytics method using R.	K1
CO3	Improve the details of analytical theory and methods.	K2
CO4	Improve the details of decision tree.	K4
CO5	Improve the details of Advanced Analytics-Tehnology and Tools.	K6
Course Name – Digital Image Processing	**Course Code – P3R3ITCC11**	**Knowledge Level**
After completion of this course, students would be able to		
CO1	Understand the DIP.	K2
CO2	Create knowledge in Line drawing Algorithm.	K3
CO3	Improve the details of 3D image.	K5
CO4	Improve the details of Image Enhancement.	K4
CO5	Improve the details of Image Transformation.	K6
Course Name – Compiler Design	**Course Code – P3R3ITCC12**	**Knowledge Level**
After completion of this course, students would be able to		
CO1	Understand the concept of Lexical Analysis.	K1
CO2	Create knowledge in Syntax Analysis.	K2
CO3	Improve the details of Semantic Analysis.	K3
CO4	Improve the details of Intermediate code Generation.	K5
CO5	Improve the details of Intermediate code Generation and code optimization.	K6

Course Name – Internet of Things		Course Code – P3R3ITCC13	Knowledge Level
After completion of this course, students would be able to			
CO1	Understand the concept of IoT		K1
CO2	Create knowledge in IOT Architecture.		K3
CO3	Improve the details of An IOT protocols.		K2
CO4	Improve the details of web of things.		K5
CO5	Improve the details of applications.		K6
Course Name – Image Processing Practical		Course Code – P3R3ITCC14P	Knowledge Level
After completion of this course, students would be able to			
CO1	Understand the concept of image enhancement.		K2
CO2	Create knowledge in color image processing.		K3
CO3	Improve the details of edge detection using operators.		K5
CO4	Improve the knowledge of 8 bit color versus monochrome.		K4
CO5	Create the knowledge of 2D DFT and DCT.		K6
Course Name – Dot Net Programming		Course Code – P3R3ITSEC1:1	Knowledge Level
After completion of this course, students would be able to			
CO1	Understand the concept of Dot Net Frame Work.		K1
CO2	Create knowledge in VB.Net Applications.		K3
CO3	Improve the details of an ASP.Net Applications.		K2
CO4	Improve the details of C#.Net Applications.		K6
CO5	Improve the details of an ADO.Net.		K4
Course Name – Soft Computing		Course Code – P3R3ITSEC1:2	Knowledge Level
After completion of this course, students would be able to			
CO1	Understand the concept of Soft Computing.		K1
CO2	Create knowledge in Learning Networks.		K2
CO3	Improve the details of Fuzzy sets.		K4
CO4	Improve the details of Fuzzy Arithmetic.		K5
CO5	Improve the details of Genetic Algorithm.		K6

Course Name – Web Services	Course Code – P4R3ITGEC1	Knowledge Level
After completion of this course, students would be able to		
CO1	Understand the concept of PHP scripts	K3
CO2	Gather the knowledge of conditional statement.	K5
CO3	Gather the strong ideas of an array.	K2
CO4	Improve the knowledge in OOP	K6
CO5	Improve the knowledge in MYSQL.	K1

Course Name – Project Work	Course Code – P4R3ITCC15PW	Knowledge Level
After completion of this course, students would be able to		
CO1	Understand the concept of Web Sites	K3
CO2	Gather the knowledge of Project work	K4
CO3	Gather the strong ideas in Modules creations	K2
CO4	Improve the knowledge in Software Testing	K6
CO5	Improve the knowledge in Open Source Software	K5

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