



Subject	Unix Shell Programming												15CS35		
COURSE OUTCOMES															
CO No.	On completion of this course, students will be able to:												Cognitive Level		
15CS35.1	Understand the basic concepts of UNIX Architecture and basic Commands.												L2		
15CS35.2	Understand different types of Files, File system and basic file system commands.												L2		
15CS35.3	Understand the commands related to Shell basics, vi editor and regular expression commands.												L2		
15CS35.4	Understand the concepts of advance file concepts, commands related to Shell script and filter commands.												L2		
15CS35.5	Understand the concepts of process and commands related to Perl script.												L2		
CO-PO-PSO MAPPING															
CO No.	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12	PS O 1	PSO 2	PSO 3
15CS35.1	1	1	-	-	-	-	-	-	-	-	-	1	-	2	-
15CS35.2	1	-	-	-	-	-	-	-	-	-	-	1	-	2	-
15CS35.3	1	2	-	-	-	-	-	-	-	-	-	1	-	2	-
15CS35.4	1	1	-	-	-	-	-	-	-	-	-	1	-	2	-
15CS35.5	1	1	-	-	1	-	-	-	-	-	-	1	-	2	-
15CS35	1.0	1.3	-	-	1.0	-	-	-	-	-	-	1.0	-	2.0	-

CO-PO-PSO JUSTIFICATION

CO No.	PO/PSO	CL	Justification
15CS35.1	PO1	1	understand the basic concept of UNIX architecture and basic UNIX commands.
	PO2	1	Able to analyze the different types of files and commands used in UNIX.
	PO12	1	Students will be use UNIX commands in solving problems.
	PSO2	1	Students will able to use the UNIX commands for implementing shell programs.
15CS35.2	PO1	1	Understanding about the file system, which is the fundamental unit of the operating system and thus applying the principles of computer science engineering to handle the file systems.
	PO12	1	Able to identify the deficiencies with respect to file classes.
	PSO2	2	Understand file systems and Kernel support with respect to Unix operating system.
15CS35.3	PO1	1	Students can understand the concept of shell environment and vi editor.
	PO2	2	Student can able to analyze UNIX commands of vi editor in shell environment.
	PO12	1	Students will be able to design the solutions for a given problem using the concepts of shell basics and regular expressions.
	PSO2	2	Students will be able to design the solutions for a given problem using the concepts of shell basics and regular expressions.
15CS35.4	PO1	1	Students can understand the concept of advance file and shell environment.
	PO2	1	Student can able to analyze UNIX commands of advance file and shell environment.
	PO12	1	Students will be able to design the solutions for a given problem using the concepts of shell scripts.
	PSO2	2	Students will be able to design the solutions for a given problem using the concepts of shell scripts.
15CS35.5	PO1	1	Understand the fundamentals process and basics perl commands for scripting.
	PO2	1	Able to analyze the basic commands of process and commands used in perl scripting.
	PO5	1	Slightly mapped as students use the tools such as editor for perl

			scripting.
	PO12	1	Students will be able to design the solutions for a given problem using the concepts of perl scripts.
	PSO2	2	Students will be able to design the solutions for a given problem using the concepts of perl scripts.

Prepared by:

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Approved by:

(H.o.D)