ADITYA INSTITUTE OF TECHONOLOGY AND MANAGEMENT (AITAM)
TEKKALI, College Code (A5)

DEPARTMENT OF IT

Name of the faculty member : B. Ramesh Naidu, M. Appa Rao CLASS : M.Tech BRANCH : IT

Subject : ADS of UNIX YEAR : I SEM : I

Date of Lecture	Contact Hour No.	Unit	TEACHERS DIARY Topic	Remarks
22/10	2,3,4	1	Write a C program that counts number of blanks in a text file a) Using standard I/O b) Using system calls	
			Implement the Stack ADT and Queue ADT using arrays & Linked Lists	
29/10	2,3,4	2	Implement in C the following UNIX commands using systems calls. a) cat b) LS c) MOve	
			Implement the Quick sort and merge sort algorithms.	

TEACHERS DIARY

Date of Lecture	Contact Hour No.	Unit	Topic	Remarks
5/11	2,3,4	3	Write a C program that creates a directory and puts a file in it and then removes it	
19/11	2,3,4	4	Implement the following binary tree traversal algorithms a) Inorder b) Preorder c) Post order	
26/11	2,3,4	5	Write a C program to create a child process and allow the parent to display "PARENT" and "child to display "CHAILD" on the screen.	
			Implement the following binary search tree operations a) Searching b) Insertion c) deletion	

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TEACHERS DIARY

Date of Lecture	Contact Hour No.	Unit	Topic	Remarks
3/12	2,3,4	6	Implement the following AVL tree operations 1) Insertion 2) Deletion	
10/12	2,3,4	7	Write a c Program that illustrate how to execute two commands concurrently with a command pipe	
			Write a c prosram that illistruate suspending and resuming Process using signals.	
17/12	2,3,4	8	Implement heap sort algorithm	
24/12	2,3,4	9	Implement Priority Queue Operations	
31/12	2,3,4	10	Write a c Programming that illistruate Interprocess comm using shared memory	