

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

DEPARTMENT OF IT

Name of the faculty member : B. Ramesh Naaidu CLASS : M.Tech
M. APPA RAO

BRANCH : IT

Subject : ADS of UNIX

YEAR : I

SEM : \mathcal{I}

TEACHERS DIARY				
Date of Lecture	Contact Hour No.	Unit	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 system 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 into it and then removes it	BSW
19/11	2,3,4	4	Implement the following binary tree traversal algorithms a) In order b) pre order c) post order	BSW
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 "CHILD" on the screen.	BSW
			Implement the following binary search tree operations a) Searching b) Insertion c) deletion	BSW

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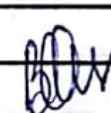
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BRANCH :

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YEAR :

SEM :

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 program that illustrate 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 illustrate interprocess comm using shared memory	