

**ST. ANN'S COLLEGE OF ENGINEERING & TECHNOLOGY, CHIRALA
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
LECTURE SCHEDULE**

Subject: UNIX PROGRAMMING
Name: P.VENKATA NARAYANA
No. of Lectures per Week: 5+1* (Tutorial)

Academic Year: 2019 – 2020
Year & Sem/Section: III - I 'A'

S. No.	Date	Unit No.	Topics to be Covered
1	10-06-19	UNIT-1	Introduction to unix -Brief History
2	11-06-19		What is Unix
3	11-06-19		Unix Components
4	12-06-19		Using Unix
5	14-06-19		Commands in Unix
6	15-06-19		Some Basic Commands: echo, tput, tty, who
7	17-06-19		Some Basic Commands: uname, date, cal, calendar,
8	18-06-19		Some Basic Commands: lock, banner,cat, bc,spell
9	18-06-19		Tutorial
10	19-06-19		Command Substitution
11	21-06-19		Giving Multiple Commands.
12	22-06-19		Revision With PPT
13	24-06-19		Slip test -I
14	25-06-19	UNIT-2	The File system -The Basics of Files
15	25-06-19		Tutorial
16	26-06-19		What's in a File
17	28-06-19		Directories and File Names
18	29-06-19		Directories and File Names
19	01-07-19		Permissions
20	02-07-19		I Nodes
21	02-07-19		Tutorial
22	03-07-19		The Directory Hierarchy
23	05-07-19		The Directory Hierarchy
24	06-07-19		The File Command knowing the File Type
25	08-07-19		The Chmod Command Changing File Permissions
26	09-07-19		The Chown Command Changing the Owner of a File
27	09-07-19		Tutorial
28	10-07-19		Chgrp Command Changing the Group of a File
29	12-07-19		Revision With PPT
30	15-07-19		Slip test -II
31	16-07-19	UNIT-3	Using the Shell- Introduction
32	16-07-19		Tutorial
33	17-07-19		Command Line Structure
34	19-07-19		Meta characters
35	20-07-19		Meta characters
36	22-07-19		Creating New Commands
37	23-07-19		Creating New Commands
38	23-07-19		Tutorial
39	24-07-19		Command Arguments and Parameters
40	26-07-19		Program Output as Arguments
41	27-07-19		Shell Variables
42	29-07-19		Looping in Shell Programs
43	30-07-19		Revision With PPT
44	30-07-19		Tutorial
45	31-07-19		Revision
46	02-08-19		Revision
47	03-08-19		Revision
48	05-08-19	MID-I	Revision
49	06-08-19		Revision
50	06-08-19		Revision
51	07-08-19		Revision
52	09-08-19		Revision
53	10-08-19	Revision	
54	13-08-19	UNIT-4	Filters -The grep Family
55	13-08-19		egrep, fgrep
56	14-08-19		Other Filters: ls, sort
57	16-08-19		Other Filters: comm, tr
58	17-08-19		The Stream Editor Sed
59	19-08-19		The AWK Pattern Scanning and processing Language
60	20-08-19		The AWK Pattern Scanning and processing Language
61	20-08-19	Tutorial	

62	21-08-19		The AWK Pattern Scanning and processing Language
63	26-08-19		Good Files and Good Filters.
64	27-08-19		Revision With PPT
65	27-08-19		Tutorial
66	28-08-19		Slip test -III
67	30-08-19	UNIT-5	Shell Programming -Shell Variables
68	31-08-19		The Export Command, The Profile File
69	03-09-19		The First Shell Script
70	03-09-19		Tutorial
71	04-09-19		The read Command
72	06-09-19		Positional parameters
73	07-09-19		The \$? Variable knowing the exit Status- the Set
74	09-09-19		Branching Control Structures, exit command
75	11-09-19		Loop Control Structures
76	13-09-19		The Continue and Break Statement-The Expr Command
77	16-09-19		The here Document(<<)-The Sleep Command-
78	17-09-19		Debugging Scripts-The Script Command
79	17-09-19		Tutorial
80	18-09-19		The Eval Command-The Exec Command
81	20-09-19		Revision With PPT
82	21-09-19		Slip test -IV
83	23-09-19	UNIT-6	The Process -The Meaning
84	24-09-19		Parent and Child Processes
85	24-09-19		Tutorial
86	25-09-19		Types of Processes
87	27-09-19		More about Foreground and Background processes
88	28-09-19		Internal and External Commands
89	30-09-19		Process Creation
90	01-10-19		The Trap Command
91	01-10-19		The Stty Command
92	04-10-19		The Kill Command
93	05-10-19		Job Control
94	07-10-19	MID-II	Revision
95	09-10-19		Revision
96	11-10-19		Revision
97	12-10-19		Revision

TEXT BOOKS:

1. The Unix programming Environment by Brain W. Kernighan & Rob Pike, Pearson.
2. Introduction to Unix Shell Programming by M.G.Venkateshmurthy, Pearson.

REFERENCE BOOKS:

1. Unix and shell programming by B.M. Harwani, OXFORD university press.

FACULTY MEMBER

HEAD OF THE DEPARTMENT