

**ST. ANN'S COLLEGE OF ENGINEERING & TECHNOLOGY: CHIRALA
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

LECTURE SCHEDULE

Subject: UNIX PROGRAMMING

Name: Y.SOWJANYA KUMARI

No. of Lectures per week : 5+1* (Tutorial)

Academic Year: 2019-20

Year & Sem/Section: III-I-SEM 'C'

S.No	DATE	UNIT.NO.	TOPICS TO BE COVERED
1	11-06-2019	I	Introduction to unix -Brief History
2	11-06-2019		What is Unix
3	12-06-2019		Unix Components
4	13-06-2019		Using Unix
5	14-06-2019		Commands in Unix
6	15-06-2019		Some Basic Commands: echo, tput, tty, who
7	18-06-2019		Some Basic Commands: uname, date, cal, calendar, passwd,
8	18-06-2019		<i>Tutorial</i>
9	19-06-2019		Some Basic Commands: lock, banner, cat, bc, spell
10	20-06-2019		Command Substitution, Giving Multiple Commands.
11	21-06-2019		<i>Revision with PPT</i>
12	22-06-2019		<i>Slip test -I</i>
13	25-06-2019	II	The File system –The Basics of Files
14	25-06-2019		<i>Tutorial</i>
15	26-06-2019		What's in a File
16	27-06-2019		Directories and File Names
17	28-06-2019		Permissions, Permissions
18	29-06-2019		I Nodes
19	02-07-2019		The Directory Hierarchy
20	02-07-2019		<i>Tutorial</i>
21	03-07-2019		The File Command knowing the File Type
22	04-07-2019		The Chmod Command Changing File Permissions
23	05-07-2019		The Chown, Chgrp Command Changing the Owner of a File
24	06-07-2019		<i>Revision with PPT</i>
25	09-07-2019		<i>Slip test -II</i>
26	09-07-2019		<i>Tutorial</i>
27	10-07-2019		III
28	11-07-2019	Meta characters	
29	12-07-2019	Meta characters	
30	16-07-2019	Creating New Commands	
31	16-07-2019	<i>Tutorial</i>	
32	17-07-2019	Command Arguments and Parameters	
33	18-07-2019	Program Output as Arguments	
34	19-07-2019	Shell Variables	
35	20-07-2019	More on I/O Redirection	
36	23-07-2019	Looping in Shell Programs	
37	23-07-2019	<i>Tutorial</i>	
38	24-07-2019	<i>Revision with PPT</i>	

S.No	DATE	UNIT.NO.	TOPICS TO BE COVERED
39	25-07-2019	IV	Filters -The grep Family
40	26-07-2019		egrep, fgrep
41	27-07-2019		Other Filters: ls, sort
42	30-07-2019		Other Filters: comm, tr
43	30-07-2019		<i>Tutorial</i>
44	31-07-2019		The Stream Editor Sed
45	01-08-2019		The Stream Editor Sed
46	02-08-2019		The AWK Pattern Scanning and processing Language
47	03-08-2019		The AWK Pattern Scanning and processing Language
48	06-08-2019		<i>Revision</i>
49	06-08-2019		<i>Revision</i>
50	07-08-2019		<i>Revision</i>
51	08-08-2019		<i>Revision</i>
52	09-08-2019		<i>Revision</i>
53	10-08-2019		<i>Revision</i>
54	13-08-2019		The AWK Pattern Scanning and processing Language
55	13-08-2019		<i>Tutorial</i>
56	14-08-2019		The AWK Pattern Scanning and processing Language
57	16-08-2019		Good Files and Good Filters.
58	17-08-2019		<i>Revision with PPT</i>
59	20-08-2019	<i>Slip Test-III</i>	
60	20-08-2019	<i>Tutorial</i>	
61	21-08-2019	V	Shell Programming -Shell Variables
62	22-08-2019		The Export Command, The Profile File
63	27-08-2019		The First Shell Script
64	27-08-2019		<i>Tutorial</i>
65	28-08-2019		The read Command
66	29-08-2019		Positional parameters
67	30-08-2019		The \$? Variable knowing the exit Status- the Set Command
68	31-08-2019		Branching Control Structures, exit command
69	03-09-2019		Loop Control Structures
70	03-09-2019		<i>Tutorial</i>
71	04-09-2019		The Continue and Break Statement-The Expr Command
72	05-09-2019		The here Document(<<)-The Sleep Command-
73	06-09-2019		Debugging Scripts-The Script Command
74	07-09-2019		The Eval Command-The Exec Command
75	11-09-2019		<i>Revision with PPT</i>
76	12-09-2019		<i>Slip Test-IV</i>
77	13-09-2019	VI	The Process -The Meaning
78	17-09-2019		Parent and Child Processes
79	17-09-2019		<i>Tutorial</i>
80	18-09-2019		Types of Processes
81	19-09-2019		More about Foreground and Background processes
82	20-09-2019		Internal and External Commands
83	21-09-2019		Process Creation
84	24-09-2019		The Trap Command, The Stty Command
85	24-09-2019		<i>Tutorial</i>
86	25-09-2019		The Kill Command, Job Control

S.No	DATE	UNIT.NO.	TOPICS TO BE COVERED
87	26-09-2019		<i>Revision with Ppt</i>
88	27-09-2019		<i>Revision</i>
89	28-09-2019		<i>Revision</i>
90	01-10-2019		<i>Revision</i>
91	01-10-2019		<i>Revision</i>
92	03-10-2019		<i>Revision</i>
93	04-10-2019		<i>Revision</i>
94	05-10-2019		<i>Revision</i>
95	09-10-2019		<i>Revision</i>
96	10-10-2019		<i>Revision</i>
97	11-10-2019		<i>Revision</i>
98	12-10-2019		<i>Revision</i>

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