



VIVEKANANDHA COLLEGE OF ENGINEERING FOR WOMEN

[AUTONOMOUS INSTITUTION AFFILIATED TO ANNA UNIVERSITY, CHENNAI]



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Code / Name : U14CS735 / Open Source Software

Class : (IV /B.E / CSE / A & B)

LESSON PLAN

UNIT -1 (INTRODUCTION TO OPEN SOURCES)				
Session No	Topic	Duration in Minutes	Teaching Aid	Book Referred
1	Introduction to Open sources	45	PPT	R1
2	Need of Open Sources	45	PPT	R1
3	Advantages of Open Sources	45	PPT	R1
4	Application of Open Sources	45	PPT	R1
5	FOSS	45	PPT	R1
6	Licensing Models	45	PPT	R1
7	FOSS Licenses	45	PPT	R1
8	FOSS Examples	45	PPT	R1
9	Linux Overview	45	PPT	R1
UNIT -2 (LINUX OPERATING SYSTEM)				
10	Linux system structure	45	PPT	R1
11	Kernel and User mode Operations	45	PPT	R1
12	Process – Signals	45	PPT	R1
13	Cent OS	45	PPT	R1
14	Debian-Fedora	45	PPT	R1
15	Redhat	45	PPT	R1
16	Ubuntu	45	PPT	R1
17	User Management in Linux	45	PPT	R1
18	Configuration Services	45	PPT	R1
UNIT -3 (PHP WITH MYSQL)				
19	Essential PHP	45	PPT	R3
20	Operators and Flow control	45	PPT	R3
21	Strings and Arrays	45	PPT	R3
22	Creating functions	45	PPT	R3
23	Reading data in web pages	45	PPT	R3
24	PHP Browser Handling Power	45	PPT	R3
25	File Handling in PHP	45	PPT	R3
26	Session Handling and Cookies in PHP	45	PPT	R3
27	Introduction to MYSQL	45	PPT	R2
28	Working with Databases	45	PPT	R2
29	Connection with Mysql	45	PPT	R2
UNIT -4 (INTRODUCTION TO PERL)				
30	PERL overview	45	PPT	R4
31	Variables and Data types	45	PPT	R4
32	Arrays	45	PPT	R4
33	Control Structures	45	PPT	R4

34	Subroutines	45	PPT	R4
35	Packages and Modules	45	PPT	R4
36	Error Handling	45	PPT	R4
37	Regular Expressions	45	PPT	R4
UNIT -5 (PERL AND CGI)				
38	Introductions	45	PPT	R4
39	Working with Files	45	PPT	R4
40	Sending Emails	45	PPT	R4
41	Database Access	45	PPT	R4
42	Perl Process Management	45	PPT	R4
43	Perl CGI Programming	45	PPT	R4
44	GET and POST Methods	45	PPT	R4
45	Cookies in CGI	45	PPT	R4