



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Course Code / Name : U15CS518/ OPEN SOURCE SOFTWARE

Class (Year / Programme / Department / Section): III/BE/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	BB	R2
2	Need of Open Sources	45	BB	R2
3	Advantages of Open Sources	45	BB	R2
4	Application of Open Sources	45	BB	R2
5	FOSS	45	BB	R2
6	Licensing Models	45	BB	R2
7	FOSS Licenses	45	BB	R2
8	FOSS Examples	45	BB	R2
9	Linux Overview	45	BB	R2
UNIT -2 (LINUX OPERATING SYSTEM)				
1	Linux system structure	45	BB	R2
2	Kernel and User mode Operations	45	BB	R2
3	Process	45	BB	R2
4	Signals	45	BB	R2
5	Linux Distributions	45	BB	R2
6	Cent OS	45	BB	R2
7	Debian	45	BB	R2
8	Fedora	45	BB	R2
9	Redhat	45	BB	R2
UNIT-3 (PHP WITH MYSQL)				
1	Essential PHP	45	BB	R1
2	Operators and Flow control	45	BB	R1
3	Strings and Arrays	45	BB	R1
4	Creating functions	45	BB	R1
5	Reading data in web pages	45	BB	R1
6	PHP Browser Handling Power	45	BB	R1
7	File Handling	45	BB	R1
8	Session Handling in PHP	45	BB	R3
9	Cookies	45	BB	R3
UNIT -4 (INTRODUCTION TO PERL)				
1	PERL overview	45	BB	R1
2	Variables and Data types	45	BB	R1
3	Arrays	45	BB	R1
4	Control Structures	45	BB	R1
5	Subroutines	45	BB	R1
6	Packages and Modules	45	BB	R1

8	Regular Expressions	45	BB	R1
9	Control Structures	45	BB	R1
UNIT -5 (PERL AND CGI)				
1	Working with Files	45	BB	R1
2	Sending Emails	45	BB	R1
3	Database Access	45	BB	R1
4	Perl Process Management	45	BB	R1
5	Perl CGI Programming	45	BB	R1
6	GET and POST Methods	45	BB	R1
7	Cookies in CGI.	45	BB	R1
8	Database Access	45	BB	R1
9	GET and POST Methods	45	BB	R1