

Branch: B.Sc(IT)	Semester-I
Subject Code: 1202	Lecture: 04 Credit: 04
Course Opted	Core Course 2 - Practical
Subject Title	UNIX/LINUX- Operating Systems – LAB

Module s	Sr.No .	Topic and Details	No. of Lectures/Practicals Assigned	Marks Weigh tage %
UNIT-I	1	Getting started –Commands	3	6
	2	The Unix Architecture and command usage – Commands ,General-purpose utilities	2	4
UNIT- II	3	The File system –Commands	2	4
	4	Handling ordinary files, Basic file attributes	2	4
UNIT- III	5	The vi Editor	5	10
	6	Simple Filters, Filters using regular expressions - use of grep command	3	6
UNIT- IV	7	Introduction to shell concept and writing shell script	5	10
	8	Essential Shell Programming	3	6
Total			25	50

Text and reference Books:

1. The Linux Kernel Book Rem Card, Eric Dumas and Frank Mevel Wiley Publications sons, 2003
2. Unix Concepts and Applications by Sumitabha Das, Fourth Edition, TMH, 2017
3. MySQL Bible Steve Suehring John Wiley sons, 2002
4. Programming PHP Rasmus Lerdorf and Levin Tatroe O'Reilly Publications, 2002
5. Terry Collings, Kurt Wall, "Red Hat Linux Network and System Administration" 3rd edition Wiley.
6. Neil Mathews, "Beginning Linux Programming" 4th edition, Wrox Press, 2007
7. P.Koparkar, "Unix For You", Tata McGraw-Hill, 2001
8. Y.P.Kanetkar, "Unix Shell programming", BPB publications , 1st Edition 2013