

Course Code	Course Name	Teaching Scheme (Hrs/week)			Credits Assigned			
		L	T	P	L	T	P	Total
MCAL17	LINUX Lab	--	--	4	--	--	2	2
		Examination Scheme						
		Term Work		Practical		Oral		Total
		40		10		10		60

Prerequisite Course codes	--	
Course Outcomes	CO1	To understand the basic system configuration and installation.
	CO2	To apply linux commands for user administration process management
	CO3	To demonstrate various editors and software management configuration.
	CO 4	To implement network configuration and server

Expt. No.	Experiment Details	Ref.	Marks
1	Introduction to basic system configuration and Installation	1,3,6	5
2	Basic Linux Commands and user Administration	1,3,6	5
3	Linux User Administration and Process Management	1,3,6	5
4	Linux Editors	1,6	5
5	Software Management	1,6	5
6	Linux Network Configuration	1,6	5
7	FTP server	1,6	5
8	DHCP server	1,6	5
Total Marks			40

References:

- [1] Kogent Learning solutions, "Linux Lab: Hands on Linux", dreamtech, edition 2000.
- [2] Yashwant Kanetkar, "Unix Shell Programming", BPB Publications, Second Edition.
- [3] Christopher Negus, "Linux Bible", Wiley Publications, Ninth Edition.
- [4] Richard Blum and Christine Bresnahan, "Linux Command Line and Shell Scripting Bible", Wiley Publications, Third Edition.
- [5] Richard Petersen, "Linux Programming A Beginner's Guide", Tata McGraw Hill Education.
- [6] Red Hat Linux Enterprise Linux 7 System Administrator's Guide.