

**MSC (CA&IT) - Semester: II**  
(Effective from year 2023-24)

<b>Course Code:</b>	CAIT-407-P	<b>Course Title:</b>	Practical Skills in Linux
<b>Course Credits:</b>	<b>02</b>	<b>Hour of Teaching/Week:</b>	<b>04</b>
<b>Internal Assessment Marks:</b>	<b>25</b>	<b>External Exam Marks:</b>	<b>25</b>
<b>Exam Duration</b>	<b>1Hr</b>		

**Practical based on following linux commands and Shell Scripts:**

**Basic Commands:**

login, logout, date, man, pwd, who, whoami, dir, ls, cd, mkdir, rmdir.

Use of Wild card characters and introduction to vi editor Introduction to environment variable like HOME, PATH, PS1 Types of FAP, use of chmod command.

Basic commands like cp, mv, rm, rev, file redirection, grep, cut, paste, find sort commands with example.

**Introduction to shell script: `**

execution of it, shell script variable, expr, test commands.

Control structure: if, if..else, case structure

Iteration: while, for construct, break, continue, exit commands

**Program based on Shell Script**