



Masterclass: **LINUX SYSTEM ADMINISTRATION BASICS**

INTRODUCTION

This Masterclass introduces the student to the Linux operating system with particular emphasis on command-line tools and shell scripting. The student will learn and apply the various commands and utilities related to file-system management, process management, programme development and data processing.

COURSE-LEARNING OUTCOMES (CLO)

- Discuss features which make Linux a viable and popular operating system
- Understanding basic commands and administer file permissions on directories and regular files
- Analyse the need for security measures and backup recovery for a Linux environment

WHO CAN ATTEND THIS MASTERCLASS?

This is open to all undergraduate students.

CERTIFICATION

Certificate of Completion in Masterclass Linux System Administration Basics.

COURSE OUTLINE

1. Concepts of Operating Systems
2. Concepts of Linux
3. System Configuration and Administration
4. Understanding Files and Directories in Linux
5. Processes
6. Backup and Recovery
7. Security Issues

