



VALUE ADDED COURSE ON “UNIX/LINUX OS ESSENTIALS “

Syllabus

Introduction to UNIX and Linux Environments

1. Overview of the UNIX and Linux Operating Systems
2. Executing Commands from the Command Line

Working with Files and Directories

1. Determining Where You Are in the Directory Structure
2. Viewing File Content
3. Copying Files and Directories
4. Creating and Removing Files and Directories
5. Searching Files and Directories

Using the vim Editor

1. Introducing the vim editor
2. Modifying Files with the vim editor

Using Features within the Bash Shell

1. Using Shell Expansion
2. Using Variables in the Bash Shell
3. Displaying the Command History
4. Redirecting Commands
5. Working with User Initialization Files

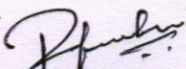
Using Basic File Permissions

1. Viewing File and Directory Permissions
2. Changing Ownership and Permissions
3. Modifying Default Permissions

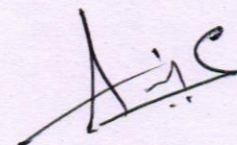
Assessment:

Students should obtain:

- Min 80% of attendance
- Min 80% Participation in practice session
- Quiz


Coordinator


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