

An Introduction to Linux and FOSS

by J.C.P Laboratory and YouCode

Event Objectives

1. To get students started in Linux
2. Demonstrate the advantages of using Linux
3. Introduce a free and open source software
4. Help students boost their I.T. career

Course Content

Non-Practical

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| 1. What is an Operating System | 15 mins |
| a. The Common OSes | |
| b. Linux | 10 mins |
| 2. What is FOSS | 5 mins |
| 3. Introduction to Linux | 20 mins |
| a. History | |
| b. Usage and applications of Linux | |
| c. The different types of Linux Distributions | |

Practical

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| 4. Getting Started with Kubuntu | 5 mins |
| a. Installation | 30 mins |
| i. First use with Graphical User Interface (KDE) | 45 mins |
| a. Taskbar | |
| b. File Manager | |
| c. File Operations | |
| d. Personalisation | |
| ii. Getting started with the Command-Line Interface | 15 mins |
| a. Privileges and access rights | |
| b. Superuser | |
| c. Sudo | |

d. Terminal emulators	20 mins
e. File Download	
f. Youtube download	
g. File Operations	25 mins
1. Copy	
2. Move	
3. Rename	
4. Delete	
5. Text Editors	
a. Nano	
5. Managing Software and Utilities	5 mins
a. Introduction to Package Managers	20 mins
i. apt	
ii. dpkg	
b. Introduction to software repositories	15 mins
i. Installing first software (VLC)	
ii. Uninstall application	
Wrapping-up	
c. Sum-up	10 mins
d. Questions & Answers	
e. Conclusion	