



QJ Technologies

PROPOSAL FOR



Training Workshop

"If someone desires to gain knowledge and the skill for understanding the concepts and working of the world's widely used Operating System Linux, this workshop is the right start."

Contact:

 +91-920-950-5152

 www.qjtechnologies.com  info@qjtechnologies.com

 Off.No-509, Sterling Centre, Opp. Hotel Aurora Towers, MG Road, Camp, Pune.



Workshop Description

Linux Fundamentals workshop by QJ Technologies, provides best and most relative contents required for making the participants comfortable with Linux Operating System. The workshop covers all the fundamental concepts of Linux operating system ensuring that participants will get more friendly with Linux and motivate them to get more deep knowledge of Linux.

Key Features of Workshop

- **Organized Content**

The contents of the workshop are properly organized and arranged for better understanding of the concepts and tools and help them grasp new things faster and enhance their knowledge.

- **Best Illustration**

The concepts, codes and tools are well illustrated by our experts through slides and practical performance which will help the concepts to be cleared faster and solve all the doubts.

- **Optimized and Documented Codes**

Participants will also get an exposure to how the tools are coded and how they can create their own tools by coding them by themselves. The codes demonstrated will be fully documented and are prepared by our team of experts.

- **Guaranteed Satisfaction**

Quality teaching is the most important factor we focus on. At end of the workshop, we will conduct a participant feedback. If the students are not satisfied with the workshop, we will refund 50% of the workshop fees back to the students.

- **Certificate and Toolkit**

The Participants will be provided with Certificate of Participation along with a Tool-kit containing all the workshop material.



Workshop Contents:-

The contents cover all the fundamental concepts to get the participants motivated and comfortable with Linux.

Introduction to Linux	Linux History	Text Editors	Basic editors: gedit & nano
	Linux Community		Advance editors: vi & emacs
	Linux Distribution		
	Linux Installation		
		User Environment	Accounts, Users and Groups
System Startup and Linux Basics	Booting Process		Environment Variables
	Linux Kernel		File Permissions
	Linux Filesystem Basics		
	Linux Services		
		Text Manipulation	cat & echo
Graphical User Interface	Graphical Desktop		sed and awk
	Session Management		grep and strings
	Basic Operations		Miscellaneous Text Utilities
	Network Manager		
	Install Software		
		Network Operation	Network addresses and DNS
Command Line Interface	Command Line Mode		Networking tools
	Working with Files		Network Configurations
	Linux Documentation		GUI and Non-GUI browsers
	Install Softwares		File Transfer (FTP, SSH)
Linux Processes	Processes and Process Attributes	Bash Shell Scripting	Introduction to Scripting
	Process Metrics, Control, Listing		Introduction to Bash Scripts
			Syntax
			Conditional Constructs
			Looping Constructs
			Script Debugging
File Operations	Filesystems	Security Principles	Linux Security
	Filesystem Architecture		Root Privileges
	Files and File Types		Working with passwords
	Backup Data		Securing boot process.
	Compress Data		Securing Hardware Resources.



Target Audience

Linux Fundamentals workshop is specifically designed for computer users for want to get proficient in using Linux Operating System.

Who can Attend?:

Attendee can be any person with basic knowledge of computers.

Duration:

2 Days(10:00 am to 5:00 pm)

Certificate and Toolkit:

Attendees will receive a certificate of participation and toolkit containing all workshop material at the end of Workshop.

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