

**Magnum Net**

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# Basic Linux Course

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(Anyone who wish to learn Linux is eligible)

25, Saikrupa Apt., Central Excise Colony, Near Chhatrapati Square, Ring Road, Nagpur 440015

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## Target Audience

1. Beginners With No Linux Experience
2. College Students
3. Desktop Support Engineers
4. It Support Engineers
5. Freshers Entering System Administration
6. Anyone Preparing For A Linux Administrator Role

## Course Content

### Session 1: Introduction to Linux

- What is Linux?
- History of Linux
- Linux Distributions
- Linux Architecture
- Linux File System Hierarchy (FHS)
- Linux Login Methods

### Session 2: Installing AlmaLinux 9

- Download ISO
- Create Bootable USB
- Installation Process
- Disk Partitioning
- Root Password
- User Creation
- First Login

### Session 3: Linux Command Line

- Understanding the Terminal
- Command Syntax
- Using Help
  - man
  - help
- Basic Commands
  - pwd
  - ls
  - cd
  - clear

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history

date

cal

hostname

whoami

uname

## **Session 4: File & Directory Management**

Create Files

Create Directories

Copy Files

Move/Rename Files

Delete Files

View File Contents

Hidden Files

Wildcards

Search Files

## **Session 5: File Compression & Archiving**

tar

gzip

bzip2

zip

unzip

## **Session 6: Users & Groups**

Root User

Standard Users

Groups

Password Management

## **Session 7: File Permissions**

- Read
- Write
- Execute
- Numeric Permissions
- Symbolic Permissions
- Ownership
- Default Permissions (umask)

## **Session 8: Process Management**

- Running Processes
- Foreground & Background Processes
- Killing Processes
- System Monitoring

## **Session 9: Networking Basics (1 Hour)**

- IP Address
- Hostname
- DNS
- Gateway
- Network Testing

## **Session 10: DNF Package Management**

- Introduction to DNF
- What is DNF?
- Software Repositories
- DNF Commands
- dnf check-update
- dnf update
- dnf install
- dnf remove

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dnf reinstall  
dnf search  
dnf info  
dnf repolist  
dnf provides

## Session 11: System Services

Managing Services  
systemctl status  
systemctl start  
systemctl stop  
systemctl restart  
systemctl enable  
systemctl disable  
systemctl is-active  
systemctl list-units

## More About Course

Teaching Mode : Online Live Zoom Class  
Course Duration : Two Days (Total 8 Hours)  
Course Recording : Zoom Recording Shared On Google Drive  
Course Fee : Rs.199/-  
Payment Mode : Via QR or Bank Transfer






UPI ID: sharad1611-1@okhdfcbank  
Amount: ₹199.00

### SBI Bank Details :

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