



**TRUSTED BY 2.5 LAKH+ STUDENTS  
PARTNER WITH 4000+ COMPANIES**

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# TABLE OF CONTENTS

**Why Nexus's Placement Guaranteed Program**

**Why choose us?**

**Program curriculum**

**Who can do this course?**

**Meet the mentors**

**Certificate and goodies**

**Course structure**



# WHY NEXUS'S PLACEMENT GUARANTEED PROGRAM

INDUSTRY STANDARDS  
CURRICULUM BY EXPERTS

**4000+**

PARTNER COMPANIES

**100%**

FULLY REFUNDABLE

**100%**

GUARANTEED  
PLACEMENT

**UPTO 25 LPA**

SALARY JOB

COMPLETELY **LIVE**

TOP INDUSTRY  
EXPERTS



# WHY CHOOSE US ?



## NEXUS

Industry standards curriculum by experts



Completely **Live** Classes



Job Guarantee

upto 12 LPA

100% Refundable



Placement Training

Resume building, Mock Interviews

Partner Companies

Exclusive access to 4000+ Partner companies

Avg. Package

6 LPA

Fee Structure

Rs 38,000 (Most Affordable in the market with Highest ROI)



We are partner with 4000+ companies and  
we are just growing more





## PROGRAM CURRICULUM



# WHO CAN DO THIS COURSE ?

The Linux & AWS Training course is designed for individuals looking to build a strong foundation in system administration and cloud computing. It is ideal for aspiring IT professionals, system administrators, developers, and engineers who want to enhance their technical skills in managing Linux-based systems and working with Amazon Web Services (AWS). This course covers essential topics such as Linux installation, file system management, user permissions, and shell scripting, along with cloud infrastructure, AWS services, and cloud deployment strategies. It provides hands-on experience to help students gain practical knowledge of both Linux and AWS environments. Whether you are looking to advance your career or switch to cloud computing, this training is suitable for beginners as well as experienced professionals who want to deepen their understanding of Linux and AWS.

## WHAT YOU GET ?

- 5 months training on Linux & AWS Training
- Placement starts after 5 months
- 200 hrs of learning | Completely **LIVE**
- 100% Guaranteed placement after program completion
- projects + Capstone projects
- Flexible curriculum + Lifetime access + Certificate

# **Linux & AWS Training**

Nexus is one of its kind Institute which not only equips you in technology skills but will train you for free in Aptitude skills, Soft Skills, Mock Interviews, Interview Skills, Work ethics and Corporate Values that you need to know to get into IT Industry. Our training is given by expert real time development experienced trainers and we enable each and every student of ours to do their own real time projects by the end of the program. We do not buy you a job by bribing companies to secure a place in IT, instead we equip you with the skills needed to get employed in IT and will support you with unlimited number of relevant interview opportunities so that your career in IT becomes assured. Our support will be there until you get placed in an IT Company as that's our mission too. If you want to just have an IT certification, you can do your course anywhere. If you aspire to get into an IT Job, then you should choose Nexus. With Nexus, your IT dream will definitely come into reality. Please go through the long list of our student reviews.

## **Introduction to Operating Systems**

- Introduction to Windows & Linux OS
- Creation of files & folders in Windows & Linux
- Difference between Windows & Linux OS
- Basic commands in Linux

## **Linux Essentials**

- Flavors of Linux
- Advantages of Linux OS
- Components of Linux OS
- Linux File System Hierarchy
- Hard Links & Soft Links
- Job Scheduling by using Cron
- Package Management Tools: yum & rpm
- Commands: cp, mv, tar
- User Management, File Permission, and ACL

## **Linux Shell Scripting**

- Introduction to Scripting
- Importance of Shebang (#!)
- Types of Operators, Variables, Statements, and Loops
- Practical Linux Shell Scripting

## **Cloud Computing Basics**

- Introduction to Cloud Computing
- Characteristics and Types of Cloud
- Cloud Services (IaaS, PaaS, SaaS)
- AWS vs. Azure vs. GCP

## **Load Balancer**

- Introduction to Load Balancer (LB)
- Types of Load Balancers
- TCP & UDP, OSI Model
- LB Strategies and Health Check Parameters
- Application Load Balancer with Header

## **Elastic Cloud Computing (EC2)**

- Introduction to EC2
- Creating Windows & Linux Servers
- Installing Apache HTTPD & IIS Web Servers
- Amazon Machine Image (AMI) & Types
- Security Groups & Key Pairs
- Bootstrap Scripts and Elastic IP Configuration
- Importance of chkconfig Command
- AWS Regions & Zones
- EC2 Instance Types and Purchasing Options

## AWS Monitoring Tools

- CloudWatch: Creating Events and Alarms
- CloudTrail: Monitoring and Differences from CloudWatch

## Identity & Access Management (IAM)

- Introduction to IAM
- Types of Users, Groups, and Roles
- Policies: Creation and Assignment
- IAM Concepts: Edge Locations, TTL, Invalidation Requests

## Networking in AWS

### Route53:

- DNS Concepts, Functions, and Hosted Zones
- DNS Records and Routing Policies

### VPC:

- Subnets, Internet Gateways, and NAT Gateways
- Route Tables and VPC Peering
- CIDR and NACL

## AWS Storage Services

- EBS: Volumes, Advantages/Disadvantages, Adding Extra Volumes
- EFS: Features, Advantages/Disadvantages, Syncing Directories
- S3:
  - Buckets, Objects, Versioning, and Replication
  - Website Hosting and Storage Classes
  - Lifecycle Management

## **Relational Database Services (RDS) & DynamoDB**

- Introduction to RDS: Creating and Managing MySQL Databases
- Queries, Backups, and Restorations
- DynamoDB: Differences from MySQL and Table Creation

## **AWS Scaling & Notifications**

- Auto Scaling: Steps and Components
- SNS: Topic Creation and Subscriber Management



**Fee Structure ₹38,000**

**EMI Options Available (Fill the form & talk to team)**

**Fill the Course Application form**

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**Write to us at team contact@Nexus-ctc-llp**

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**To know more about Nexus's PGP**

**[www.nexusctc.com](http://www.nexusctc.com)**