

ElectroCloud Labs

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Best Course for graduating candidate to start their career | curriculum designed by Industry Experts |  
220 Hours of Program | **Hybrid Classes** | World Class Curriculum

# Program's Key Features

- Course Especially designed for Engineering Students (3<sup>rd</sup> /4<sup>th</sup> Year Candidate )
- 220 hours of Program
- 5+ Case Studies and Assignments
- Masterclass from Industry Expert
- Practical Hands-on Capstone Projects
- Life Time Access to eLearning Materials
- Learn Industrial/Job Oriented Skills
- **Hybrid Classes**
- Career Mentorship Sessions(1:1)
- Career Bootcamp
- 100% Job assistance
- AWS Specialization Certification

# Syllabus

<b>Module 1: Introduction to AWS Cloud Computing</b>	<b>Module 2: AWS Fundamentals</b>	<b>Module 3: Networking and Security</b>
<ul style="list-style-type: none"><li>• Understanding Cloud Computing Concepts</li><li>• Overview of AWS Services and Offerings</li><li>• Benefits and Advantages of AWS Cloud</li></ul>	<ul style="list-style-type: none"><li>• Setting Up AWS Account and Access Management</li><li>• Introduction to AWS Management Console</li><li>• Virtual Private Cloud (VPC) and Networking Concepts</li><li>• EC2 Instances: Launching and Managing Virtual Servers</li><li>• Storage Services: S3, EBS, and Glacier</li><li>• Lab: 1</li></ul>	<ul style="list-style-type: none"><li>• Elastic Load Balancing and Auto Scaling</li><li>• AWS Identity and Access Management (IAM)</li><li>• Security Groups and Network ACLs</li><li>• Encryption and Data Protection in AWS</li><li>• Lab: 2</li></ul>

# Syllabus

Module 4: Database Services	Module 5: Compute and Container Services	Module 6: Application Services
<ul style="list-style-type: none"><li>• Amazon RDS: Managed Relational Database Service</li><li>• Amazon DynamoDB: NoSQL Database</li><li>• Amazon Redshift: Data Warehousing</li><li>• Database Migration and Transfer</li><li>• Lab: 3</li></ul>	<ul style="list-style-type: none"><li>• AWS Lambda: Serverless Computing</li><li>• Amazon ECS and EKS: Container Services</li><li>• AWS Batch: Batch Processing at Scale</li><li>• Lab: 4</li></ul>	<ul style="list-style-type: none"><li>• Amazon API Gateway</li><li>• AWS Step Functions: Serverless Orchestration</li><li>• AWS App Runner: Simplified App Deployment</li><li>• Lab: 5</li></ul>

# Syllabus

Module 7: DevOps and CI/CD	Module 8: Monitoring and Logging	Module 9: Advanced Topics
<ul style="list-style-type: none"><li>• AWS CodeCommit, CodeBuild, and CodeDeploy</li><li>• Infrastructure as Code (IaC) with AWS CloudFormation</li><li>• Continuous Integration and Continuous Deployment (CI/CD) Pipelines</li><li>• Lab: 6</li></ul>	<ul style="list-style-type: none"><li>• Amazon CloudWatch: Monitoring and Alerting</li><li>• AWS CloudTrail: Auditing and Compliance</li><li>• Consolidated Billing and AWS Organizations</li><li>• Lab: 7</li></ul>	<ul style="list-style-type: none"><li>• Serverless Application Model (SAM)</li><li>• AWS Well-Architected Framework</li><li>• High Availability and Disaster Recovery Strategies</li><li>• Cost Optimization and Management</li><li>• Lab: 8</li></ul>

# Syllabus

<b>Module 10: Real-world Applications and Case Studies</b>	<b>Module 11: Certification Preparation</b>	
<ul style="list-style-type: none"><li>• Cloud Migration Strategies and Best Practices</li><li>• Building Scalable and Resilient Architectures</li><li>• Case Studies: Successful AWS Implementations</li></ul>	<ul style="list-style-type: none"><li>• Overview of AWS Certifications</li><li>• Tips and Strategies for Exam Preparation</li><li>• Practice Questions and Mock Exams</li></ul>	<p>END OF PROGRAM</p>

# Career Support

## career & Resume Consolation

- Resume Review and Enhancement
- Customization for Job Applications
- Formatting and Design
- Showcasing Achievements
- LinkedIn Profile Optimization
- Networking and Application

## Interview Preparation and Mock Interview

- Understand Your Resume
- Research the Company
- Technical Skills Review
- Practice Answering Common Questions
- Dress and Grooming
- Set Up the Mock Interview

## Job assistance

- Career Assessment
- Job Search Strategies
- Online Presence
- Application Process
- Interview Preparation
- Professional Guidance
- Flexibility and Open-Mindedness

# How can you conduct this program at your Campus (i.e. University/College)

1. Call us 8341957746 to book an meeting with our manager
2. Get the all required details
3. Sign the NDA/MoU with us.



# Frequently Asked Questions (FAQ'S)

- Who is eligible for this program?- Any students from B. Tech/ B.E / M. Tech (2<sup>nd</sup>,3<sup>rd</sup>,& 4<sup>th</sup> Year)
- What is the fee for Program- INR 15,000/- each attendee we expect minimum 30 registration from College/University Site, if registration of candidate increased than we are open to discuss.
- Duration: 220 Hours
- How many online and offline session: 60% online and 40% offline
- Will students get any certification- AWS Certification where our team will help you to get AWS specialization Certificate
- Shall I get the access to the recoding – Yes candidates will get the access to digital classroom