★ AI-INTEGRATED COURSE

ADVANCE CERTIFICATE IN CLOUD COMPUTING

Launch your career in the booming cloud computing sector!

Duration: 6 Month | **Certificate** · Intermediate | **Eligibility:** Bachelor's degree in any discipline or relevant work experie

OVERVIEW OF THE COURSE

The Advance Certificate in Cloud Computing is designed for professionals seeking to enhance their knowledge and skills in cloud technologies. This comprehensive program covers the fundamental concepts and advanced strategies in cloud computing. Understand cloud architecture and services. Learn about deployment models and cloud s...

- Hands-on experience with leading cloud platforms
- Learn cloud security best practices
- Explore real-world cloud applications
- Understand core cloud concepts
- Design and deploy cloud services



6 Month DURATION

7 SUBJECTS

4 PROJECTS

11 TOOLS

JOIN NOW →

WhatsApp us

WE ARE AVAILABLE AT
600+ LOCATIONS

NOT SURE WHICH COURSE IS RIGHT FOR YOU?
Choose the Best Course for You - Try our AI-Powered Career Counselling for FREE

Start free →

YOUR NEAREST ISDM NxT CENTRE
SMT.SUSHILA DEVI COMPUTER INSTITUTE & IT CENTER
Kasba road Ramkola Near Rao Fitness Club, Uttar Pradesh - 274305
Call / WhatsApp: **8577966544** · atulkharwarrkl@gmail.com

Scan to enquire

COURSE CURRICULUM

What you will learn

01 Subjects → | 02 Projects → | 03 Tools → | 04 AI Integration

01 Subjects & modules

6 subjects with the topics you will learn

01 Introduction to Cloud Computing

- Cloud Concepts And Evolution
- Cloud Service Models
- Cloud Deployment Models
- Major Cloud Providers
- Cloud Adoption Benefits And Challenges
- AWS Free-Tier Setup And Deployment

02 Cloud Infrastructure and Virtualization

- Virtualization, Hypervisors, And Containers
- Cloud Compute Services
- Cloud Storage Services
- Cloud Networking Components
- Elastic Scaling And High Availability
- Hands-On Cloud Infrastructure Deployment

03 Cloud Security and Compliance

- Cloud Security Fundamentals
- Shared Responsibility Model
- Security Principles And Tools
- Identity And Access Management
- Encryption And Key Management
- Cloud Compliance Standards
- Service Model Responsibilities And Practical Labs

04 Cloud Networking and Storage

- VPC Architecture And Core Components
- Subnets, Routing, NAT, VPNs And Peering
- Content Delivery Networks
- Cloud Storage Tiers And Lifecycle Management
- Cloud Backup Principles
- Disaster Recovery Planning
- Cloud Networking And Storage Labs

05 Serverless Computing and DevOps

- Serverless Concepts, Benefits, And Trade-Offs
- Serverless Economics And Operations
- Cloud Provider Functions And Features
- Provider Comparison And Architecture Patterns
- Event-Driven Architecture Design
- DevOps Principles And CI/CD Pipelines
- Infrastructure As Code And Cloud Automation

06 Container Orchestration and Monitoring

- Docker Containers And Images
- Kubernetes Pods Deployments And Services
- Managed Kubernetes Services
- Cloud Monitoring With Prometheus And Grafana
- Monitoring Alerts And Observability
- Cloud Cost Optimization Strategies

02 Projects & assignments

Hands-on work for your portfolio

P1 Build a cloud-based application using AWS services.

P2 Create a multi-tier architecture for a web application on Google Cloud.

P3 Conduct a security audit of a cloud infrastructure.

P4 Develop a cost management strategy for cloud resources.

03 Tools & software you will master

5 industry tools

- AWS
- Azure
- Google Cloud
- Docker
- Kubernetes

04 AI Integration

How AI is used inside the work of this course

AI SUBJECT

AI Fundamentals & Prompt Engineering

- AI Basics and Everyday Uses
- Generative AI: How It Works
- Prompt Engineering Foundations
- AI for Study and Workplace Tasks
- Fact-Checking and Reliable Research
- Privacy, Safety and Responsible Use
- Integrated Practice and Review

AI TOOLS YOU WILL USE

- CH — ChatGPT
- Google Gemini
- MC — Microsoft Copilot
- Claude
- Perplexity
- NotebookLM

CAREER OPPORTUNITIES

Where this course can take you

Cloud Solutions Architect
Fresher salary: ₹4.0-6.0 LPA*

Cloud Engineer
Fresher salary: ₹3.5-5.5 LPA*

DevOps Engineer
Fresher salary: ₹3.0-5.0 LPA*

Cloud Consultant
Fresher salary: ₹3.5-5.5 LPA*

IT Project Manager specializing in cloud technologies
Fresher salary: ₹5.0-7.0 LPA*

Freelancing & own business

- Offer cloud consulting services
- Develop cloud-based applications
- Create and manage cloud infrastructure for clients
- Provide training in cloud technologies

Industries that hire

- Information Technology
- E-commerce
- Finance
- Healthcare
- Telecommunications

Grow further

- Advanced Certificate in Data Science
- Certificate in Cybersecurity
- Professional Diploma in AI and Machine Learning

Certification

Upon passing the final assessment, you will receive an ISDM NxT certificate validating your cloud computing skills.

Practical AI-integrated project | Final online test | Verifiable certificate

JOB SUPPORT

How we help you get a job

1 Resume building workshops

2 Mock interviews for practice

3 Access to job offers

4 Guidance on job applications

* Typical fresher salary ranges in India; the actual salary depends on the employer, the city and your skills.

WHY START NOW

Your future is built by the skills you learn today.

Companies hire people who can do the work. People who use AI well at work are in demand - this course teaches you the job skills and the AI tools together. Every month you practise adds a project to your portfolio - the best time to start is now.

18+	600+	2,708+	390+
Years of training experience	Centres across India	Job offers to our students	Hiring companies

UNIQUE FEATURES AT ISDM NxT

- ✓ Free pre-counselling to choose the right course
- ✓ Study material, attendance, assignments, exams and results online from day one
- ✓ 24x7 AI trainer (ChatNxT) for your doubts
- ✓ Experienced, rated trainers and daily class feedback
- ✓ Practical lab sessions and live projects
- ✓ Monthly online mentorship sessions
- ✓ Resume, mock interviews and job offers in your student dashboard
- ✓ Freelancing and start-up guidance

● LIVE PLACEMENT DATA

Latest job offers to ISDM NxT students

Updated 20 Nov 2026



Gaurav M.
India
Java Software Development Engineer
Health Catalyst



Geeta K.
New Delhi
tellecaller for digital marketing
balajimarketingexperts



Anand S.
Muvattupuzha
Hiring Junior Account Executive J...
CorpZop



Adarsh S.
Ghugus
TGT Computer Science
Adani Foundation



Priyanka Y.
Mumbai
Data Entry Operator (Full-time) -...
CorpZop



Rajan S.
Ahilyanagar
Computer Trainer
Enlearning skill development Ltd

Job offers shared with our students through the ISDM NxT job network. See all at isdmnext.in/latest-placement

LIMITED SEATS · VALID TILL 30 NOV 2026

FREE Ambassador Affiliate Programme

Complete your admission within **10 days** and join the ISDM NxT Ambassador Affiliate Programme free of cost: refer friends, earn referral rewards as per the programme and get featured on the ambassador leaderboard.

CLAIM NOW

TAKE THE FIRST STEP

Book your FREE counselling session today

Meet our counsellor, see the lab, get your doubts answered and know the current fees and offers for your centre.

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Try it FREE → isdmnext.in/course-for-you

01
Counselling
Free guidance to pick the right course

02
Training
Practical classes, labs and projects

03
Mentoring
Experts, AI trainer and feedback

04
Placement support
Resume, interviews and job offers

What you get with this course

- Comprehensive study material
- Practical lab sessions
- Live projects for hands-on experience
- 24x7 AI trainer support
- AI career counselling
- Interview preparation assistance
- Job offers in student dashboard
- Certificate upon completion

ISDM NxT Head Office: 309, Saffron Plaza, Airport Road, Vadodara, Gujarat, 390022 · +916263625594 · inquiry@gmail.com

Fees depend on the centre and current offers - ask your counsellor. Course content may be updated to stay current with industry needs. · isdmnext.in