★ 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 | 7 | 4 | 11 |
|---|---|---|---|
| DURATION | SUBJECTS | PROJECTS | 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
**ISDM COMPUTER INSTITUTE SIWAN**
RAMDEV NAGAR MAHADEVA ROAD, NEAR BANK OF BARODA/LIC OFFICE/DRCC OFFICE, DISTRICT-SIWAN,BIHAR,841226, Bihar - 841226
Call / WhatsApp: **8434980980** · ranjeetisdm@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.

YOUR ISDM NxT CENTRE

## ISDM COMPUTER INSTITUTE SIWAN

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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