

PG - Program In Cloud Computing



GSDC PG - Program in Cloud Computing helps you become an expert in Agile Scrum Master, Azure, and MS AWS. The PG - Program in Cloud Computing helps you to master and develop the skills needed to become a cloud expert.

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ABOUT CERTIFICATION

The GSDC Post Graduate Program in Cloud Computing helps you to become a specialist in the planning, designing & scaling of cloud implementations. In PG Program in Cloud Computing DevOps professionals are responsible for Continuous, Continuous Feedback, Continuous Deployment, Continuous Integration & Continuous Delivery, and Providing the best services for the business.

OBJECTIVES

1. Learn how to monitor resources by using the Azure monitor.
2. Learn to Manage azure objects & assets.
3. Gain Working knowledge with tools preferred by Industry.
4. Knowledge of AWS Cloud Platform for Storage, Replication & Life Cycle Management.
5. Learn to use popular tools to achieve 360-degree automation
6. How to Learn Cloud Security Concepts for best practices.
7. How to use AWS, Azure, DevOps & Agile Scrum Master.
8. Learn SRE best Practices and Management.

Our Accreditation:



The Global Skill Development Council (GSDC) is the leading third-party, Vendor neutral, international credentialing and certification organization. The Global Skill Development Council (GSDC) is proud to be ANSI Accredited Member. The American National Standards Institute (ANSI) is a private, non-profit organization that administers and coordinates the U.S. voluntary standards and conformity assessment system.

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COURSE SYLLABUS



1. Cloud Computing Foundations:

- Pre-Requisites for Cloud Computing
- What to know before starting cloud computing
- The Principles of Cloud Computing
- Implementing and Managing Cloud Computing
- Using the Cloud
- Security and compliance
- Evaluation of Cloud Computing

2. AWS Cloud Platform:

- Overview of AWS Services
- AWS dashboard and budgeting
- Compute, Load Balancing & Auto Scaling
- Storage, Replication, and Life Cycle Management
- Networking and Data migration
- S3, EC2 & EBS
- ELB & Autoscaling
- Cloudwatch, VPC & Databases
- Route 53

3. MS Azure Cloud Platform:

- Manage azure objects & assets
- Manage role-based access control
- Implement and Manage storage accounts
- Configure azure files and azure blob storage
- Configure vms for high availability and scalability
- Automate deployment and configuration of vms
- Create and configure containers
- Secure access to virtual networks
- Integrate an on-premises network with an azure virtual network
- Monitor resources by using azure monitor
- Implement backup and recovery

4. Google Cloud Platform:

- Setting up a cloud solution environment
- Planning and configuring a cloud solution
- Deploying and implementing a cloud solution
- Ensuring successful operation of a cloud solution
- Configuring access and security

5. Cloud Security Concepts:

- Cloud Concepts, Architecture and Design
- Cloud Data Security
- Cloud Platform & Infrastructure Security
- Cloud Application Security
- Cloud Security Operations
- Legal, Risk and Compliance

6. SRE (Site Reliability Engineer) Fundamentals:

- Introduction
- The Production Environment From the Viewpoint of a SRE
- Embracing Risk
- Service-Level Objectives
- Eliminating Toil
- Monitoring Distributed Systems
- The Evolution of Automation
- Release Engineering
- Simplicity
- Practices of SRE
- Management in SRE

7. DevOps & Agile Scrum Master:

- Understanding DevOps basics.
- Managing Cultural Changes.
- Continuous Integration & Continuous Delivery.
- Popular tools to achieve 360-degree automation.
- Implementation Strategies
- What is agile
- Agile Manifesto
- Agile Scrum-Roles
- Agile Scrum Framework-Deep dive
- User Stories and Estimation
- Quality
- Agile Scrum - Planning



GSDC Technical Advisory Board :



The GSDC is the leading certification association which brings together innovative organizations and founding thought-leaders as Technical Advisors from over 40 countries to design curriculum on Blockchain, Devops, Six Sigma & Agile Certifications.

Our Future Information **Target Audience**

- Project manager
- Manager
- Cloud Engineer
- Business Analyst
- Cloud Consultant
- Technical Architect

Pre-requisites

There is no such recommended experience required for getting this certification.

Find out more online at
www.gsdccouncil.org

