

# Certified Data Centre Professional

## Global Certification Program

- ✓ Globally lifetime Valid Certification
- ✓ Lifetime Valid Certification
- ✓ AI based Roleplay & Simulations
- ✓ Two Exam Attempts



# An Overview

## what you can expect from this program

The Certified Data Centre Professional (CDCP) course provides a comprehensive foundation in data centre design, operations, and maintenance. It covers key concepts such as power, cooling, security, and cabling to ensure high availability and efficiency. Designed for IT, facilities, and data centre professionals, CDCP equips participants with practical knowledge to manage and improve data centre performance.

This globally recognized certification is ideal for those looking to enhance their skills and ensure uptime in mission-critical environments.

	<b>Type</b>	Online self-paced learning, Mocks
	<b>Language</b>	English (including subtitles)
	<b>Access</b>	12 months
	<b>AI based Role play</b>	Prepare yourself for career with AI based roleplay
	Digital certificate upon completion ( 2 Attempts)	
	Card Payment, Bank Transfer	
	Reading materials & Reference Templates	
	100% money back guarantee*	

# GSDC Introduction

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## Welcome to the Global Skill Development Council (GSDC)!

As an independent, vendor-agnostic certification organization, we empower professionals worldwide.

Leading MNC organizations and global universities recognize our certifications. With a diverse portfolio of over 150+ programs, including L&D, HR, SRE, DevOps, Agile, Six Sigma, and Cyber Security, we've certified over 250,000 professionals.

Partnered with 100+ global training organizations, GSDC is your gateway to unlocking endless opportunities.

**Join us today and let your skills soar to new heights!**



# Introduction

## Certified Data Centre Professional

The GSDC Data Centre Certification validates your practical understanding of how modern data centres are planned, managed, and maintained to meet today's critical IT demands.

This certification in data centre operations equips professionals with the knowledge required to handle infrastructure reliability, power and cooling efficiency, risk management, and security.

The Data Centre certificate provides access to implementation-ready templates, checklists, and reference materials that enhance on-the-job performance.

If you're looking to become a certified Data Centre Professional, this credential ensures you're prepared to work with enterprise-grade data centre environments efficiently and securely.



# Learning Objective

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- Maximize uptime via proactive risk management
- Show ability to apply power and cooling strategies
- Use checklists/templates for DC optimization
- Apply structured maintenance and monitoring approaches
- Assess infrastructure efficiency and availability risks
- Learn from practical data centre operations cases
- Validate compliance readiness in facility management
- Strengthen your profile with real-world knowledge

## OBJECTIVES OF DATA CENTRE PROFESSIONAL

# Curriculum

## 1. Fundamentals of Data Centre

- Business organization
- Types of data centres
- Importance of a data centre to business continuity
- Core elements of a data centre
- Common causes of unavailability

## 2. Data Centre Standards

- International vs. national standards and guidelines
- Standards for sub-components (e.g. cabling, racks, fire suppression)

## 3. Location, Building & Construction

- Site-selection criteria (geographic, environmental, risk)
- Facility design considerations
- Supporting infrastructure and utilities

## 4. Raised Access Flooring & Suspended Ceilings

- Relevant standards
- Types of raised-floor systems and loading factors
- Grounding, ramp and landing platform requirements
- Impact on airflow and cooling

## 5. Lighting (Normal & Emergency)

- Illumination measurements and standards (lux levels)
- Fixture types, positioning and control
- Emergency-lighting systems and regulations

## 6. Power Infrastructure

- Power-generation options (onsite, utility, microgrids)
- Transformers, generators, UPS systems and batteries
- Single-phase vs. three-phase distribution
- Automatic Transfer Switch (ATS) & Static Transfer Switch (STS)
- Redundancy levels & power-distribution techniques (busbar, PDU)
- Power-quality parameters and sizing
- Sustainability (BESS, thermographic scanning, PUE considerations)

## 7. Electro-Magnetic Fields (EMF)

- EMF types, units of measurement
- Sources of interference and shielding best practices
- Compliance with EMF-related standards

## 8. Equipment Racks

- Rack standards, dimensions and form factors
- Security features (locks, cages)
- Power-distribution strips and rails

## 9. Cooling Infrastructure

- Cooling principles: temperature vs. humidity management
- Raised-floor vs. non-raised-floor cooling
- Supplemental and containment strategies
- Liquid-cooling options & Seasonal Thermal Energy Storage (STER)

## **10. Water Supply**

- Importance of reliable water supply
- Backup and redundancy strategies

## **11. Designing a Scalable Network Infrastructure**

- Planning cabling infrastructure for growth
- Copper vs. fibre cabling (categories, connectors, testing)
- TIA-942 cabling topologies and verification
- Redundancy and site-to-site connectivity

## **12. Fire Protection**

- Fire-risk causes and classes
- Suppression-system requirements (water, gas-based)
- Detection technologies and alarm design
- Handheld extinguishers, signage and regulatory compliance

## **13. Physical Security & Safety**

- Access-control measures (badges, biometrics, mantraps)
- Surveillance, intrusion detection and perimeter security
- Safety protocols and signage requirements

## **14. Auxiliary Systems & Monitoring**

- Environmental Monitoring Systems (EMS)
- Building Management Systems (BMS)
- Data Centre Infrastructure Management (DCIM)
- Leak-detection, alarm panels and notification workflows
- Best practices for proactive issue resolution

# Unleash Unlimited Potential

All GSDC certifications come with a lifetime membership, offering you a world of benefits to fuel your professional growth.



## Expert Created Learning Material

Learn from knowledge shared by Top Industry Experts with 15+ yrs of experience.



## Access to Global Conferences

Be a part of GSDC thriving learning community around the world, sharing knowledge from across the world.



## Speaker invites @ GSDC Webinar Series

Share your knowledge with world at GSDC global webinar series, share your expertise and learn from others.



## Downloadable Resources

Get access to templates and reference documents which will help you to do your day to day tasks easier.



## Certificate Upgrades

Get complimentary certificate upgrades to keep up with the latest updates in processes and frameworks.



## Newsletters, blogs with industry insights

Get newsletters, announcements and articles curated by experts direct to your inbox.



## AI Based Role Play

Learn to implement applicability of knowledge with real life simulation based games.

# What You Get In this Certification Program?

- Engaging digital learning videos
- Exclusive access to Global thought leader sessions & case studies
- Downloadable and implementable resources to support practical application
- Two mock exams with unlimited attempts for comprehensive preparation
- Certification exam voucher with 1-year validity
- Two attempts for certification exam

# What our Candidates Saying?

We greatly appreciate the feedback from our program participants on Trustpilot. With an impressive average rating of 4.7 out of 5, their reviews highlight the positive experiences and value they have gained from our program.



**Global Skill Development Council - GSDC**  
Reviews 178 • Excellent  
4.7  
VERIFIED COMPANY



**chandrasekaran j**  
2 reviews • IN  
Jul 18, 2023  
★★★★★  
**I had a experience with GSDC with their...**  
I had a experience with GSDC with their SRE course and it was very good. The speakers were very knowledgeable and kept it very interactive. Thanks the GSDC team for this!  
Date of experience: April 13, 2023  
Useful Share



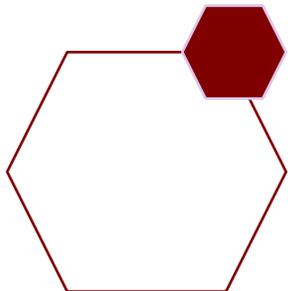
**Tosin Olaniyi**  
1 review • NG  
Jul 11, 2023  
★★★★★  
**The learning portal was so seamless**  
The learning portal was so seamless, and user friendly. The course are so detailed, easy to understand, great lecturers. Safe to say the best learning platform I've used so far. I would recommend learning from GSDC to anyone. You sure will get a value for your money.  
Date of experience: July 08, 2023  
Useful Share



**Majid**  
1 review • IN  
Sep 25, 2023  
★★★★★  
**GSDC has been doing a great job in making learners gain knowledge!**  
GSDC has been doing a great job in making the learners find right opportunities to gain knowledge for business! These two days were filled with knowledge and insights!  
Date of experience: September 25, 2023  
Useful Share



**Amani**  
1 review • AE  
Aug 15, 2023  
★★★★★  
**Certified Learning & Development Professional CLDP**  
I took the certification course "Certified Learning & Development Professional CLDP" approved by the GSDC - Global Skill Development Council. So grateful to the professional team at the GSDC for this enlightening opportunity; namely, Ruguzeno, for her dedication, responsiveness, and constant support throughout this learning journey. And very special thanks to the amazing trainer and coach Deepak Sharma for the great weekly live sessions which I believe are the highlight of this certification programme. His knowledge, expertise, and outstanding skills have made the course very insightful, engaging, and enjoyable!  
Date of experience: July 21, 2023



## Expert-Led Generative AI: Learn, Connect, Grow



### **Interactive Learning Experience:**

Ask questions, discuss case studies, and receive implementation guidelines directly from expert, enhancing your understanding of complex AI topics

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### **Lifelong Learning Journey:**

Enjoy lifetime access to these sessions, ensuring you stay updated with the latest trends and continuously grow your AI expertise

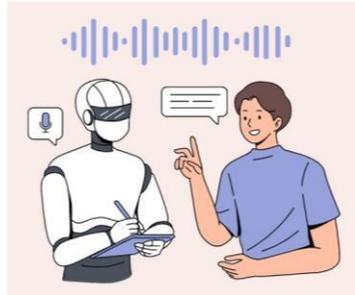
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### **Career-Boosting Network:**

Connect with fellow professionals in the field, creating valuable relationships that can propel your career in the world of Generative AI

## AI-Based Interview Practice Platform



- Engage With Real Time AI Interview Questions.
- Practice Questions Tailored with Your Expertise.
- Validate your Knowledge of subject Matter.

## Capstone Project



- Apply Your Skills in Real World Scenario.
- Learn Methodologies Aligned to Your Expertise.
- Validate Skills and Knowledge Gained through the Certification.
- Showcase Expertise via a Capstone Project.

# Enrollment-Options

## Option-1

### **Certified Data Centre Professional With E-Learning**

**Fast-track your career by learning a new skill and earning a certificate**

- ✓ Access expert videos and weekend 2-hour live sessions every Saturday with lifetime access
- ✓ 1 Certification Program
- ✓ Two Exam Attempts
- ✓ Lifetime Valid Certification
- ✓ E-Learning Library Access
- ✓ Downloadable Resources-Book of Knowledge, Templates
- ✓ GSDC Membership

**ENROLL NOW**

## Option-2

### **Bundle**

**Create your own bundle with  
3 certification program**

- ✓ 3 Certification Program
- ✓ Access expert videos and weekend 2-hour live sessions every Saturday with lifetime access
- ✓ Two Exam Attempts
- ✓ Lifetime Valid Certification
- ✓ E-Learning Library Access
- ✓ Downloadable Resources-Book of Knowledge, Templates
- ✓ GSDC Membership

**ENROLL NOW**

## Option-1 Certified Data Centre Professional With E-Learning

### Certified Data Centre Professional with Digital Learning

Fast-track your career by learning a new skill and earning a certificate

- ✓ E-Learning from Industry Experts
- ✓ 1 Certification Program
- ✓ Two Exam Attempts
- ✓ Lifetime Valid Certification
- ✓ Downloadable Resources



## Option-2

### Make Your Own Certified Data Centre Professional Bundle

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**Enrich your skills and advance your career with our exclusive bundle.  
Get certified in the following:**

- Certified ISO 20000:2018 Lead Auditor
- Certified ISO 31000:2018 Risk Manager
- Certified ISO 22301:2019 Lead Auditor
- Certified ISO 9001:2015 Lead Auditor
- Certified ISO 27001:2022 Lead Auditor

**Expand your expertise, design impactful learning experiences, and master your skills.**

**BUY ANY**

**3**

**CERTIFICATIONS**

**[Claim Bundle Here !!!](#)**

## *Unlock Workforce Potential Through Skill Validation!*

Enroll now with the code **UPSKILL10** To avail 10% discount.

**Register Now**



**100%**  
**MONEY BACK**

**GUARANTEE**

## **100% Money Back Guarantee!**

At GSDC, quality is our top priority. Our certification programs are designed to foster professional growth and ensure learning satisfaction. If you do not pass the certification exam after two attempts, we offer a 100% money-back guarantee.

- No Questions Asked\*
- 100% Amount Refund\*
- No Processing Fees\*

# Thank You



**Follow Us**

