

Programme on

DATA CENTRE MANAGEMENT IT & NON IT

Programme Coordinator: **Dr. Abhishek Thakur**

December 08 - 12, 2025



INSTITUTE FOR DEVELOPMENT AND RESEARCH IN
BANKING TECHNOLOGY, HYDERABAD
(ESTABLISHED BY RESERVE BANK OF INDIA)

Introduction

Data centers are one of the most rapidly expanding domains worldwide with India likely to emerge as a global hub for data centers and data center operations.

It is important that banks manage and optimize the data centers to drive efficiency for the sector, be it On-Premise or Co-Located sites. There are multiple, sometimes conflicting goals for data center management. This programme covers from basic to advanced aspects of data center technologies and its management for the banking and financial sector.

Objective

The participants would gain an understanding of the varied Information and Communication Technologies as well as non-IT Technologies that enable the modern day data centers.

They would also be able to learn how to efficiently manage the data center to deliver optimal outcome for the business. The participants would be able to understand the Key Performance Indicators and the RACI matrix while engaging with multiple and diverse stakeholders including Business Teams, OEMs, Partners, Service Providers and System Integrators.

Contents

- ★ IT and business strategy linkages with data centers strategy
- ★ Design, build and operation for a typical Data Center
 - Basic design principles for Data Centers
 - Standards and Tier Levels
 - Mapping of Business Needs
 - Risk Management
 - Various architectural and Deployment Alternatives
- ★ Physical components in Data Center
 - Location, Safety and Security
 - ICT Elements
 - Non-IT Elements
- ★ Electrical Architecture
 - Redundancy and Safety
 - Earthing, Grounding, Switchgear, Circuit Breakers, Arc Management, Xformers
 - UPS and Standby Generators
 - UPS Systems, Battery Types, Space and Load
- ★ Mechanical and Environmental aspects
 - HVAC, Liquid Cooling, Corrosion / Dust etc.
 - Smart Racks and Cold/hot air Separation
 - Fire, Flood and other Safety
 - Transportation and Movement: Human and device access, Staging, Commissioning and Decommissioning

- ★ DC operations and Capability Maturity
 - BMS
 - Access controls
 - Partner and Supply Chain Management
 - BCP and Drills
- ★ IT tools, Technologies and Framework enabling Data Center: {SHC} BOM, Dashboards, NOC, SOC, Risk Management, Incidence Management, Automation and Playbooks, Enabling AI Workloads in Data Center.

End Use

This program will enable bankers with some IT exposure to manage and optimize their data centers for enhanced business outcomes.

Programme Coordinator

Dr. Abhishek Thakur, Assistant Professor. e-mail: abhishekt@idrbt.ac.in.

Accommodation

Participants will be provided Air Conditioned Single Occupancy accommodation in IDRBT, Hyderabad, with all cafeteria facilities. The Participants can check-in on the evening of the day before the commencement of the programme and can check-out after completion of the programme on the same day (or) in the morning of the next day of the programme.

Fee Details

Domestic Participants from

- ★ RRBs & Coop. Banks : Rs. 50,000/- + Applicable GST
- ★ All other Banks & FIs : Rs. 65,000/- + Applicable GST

The fees for our programmes can be remitted through NEFT and the bank account details for fee payment are here under:

Account Name	:	IDRBT
Bank	:	Axis Bank Limited
Branch	:	Humayun Nagar (Mehdipatnam Ring Road) Branch, Hyderabad
Account Number	:	426010100018823
IFSC Code	:	UTIB0000426
GSTIN	:	36AAAAI0204K1Z4.



Nominations

Nominations should be sent to us latest by **NOVEMBER 21, 2025** by email to hunar@idrbit.ac.in. Please note that no nominations will be accepted after this date. This measure is envisaged to further improve the quality and learning outcomes of the programmes based on participants' profile and requirements.

While nominating, please provide the details of the participants (Name, Designation, Bank, Mobile No / Phone No., email address) along with the nominating authority details (Name, Designation, Bank, Mobile No / Phone No., email address, Fee billing address, GST No. of the bank).

Contact Us

Please contact our Programme Office for organizing Customized Programmes and/or any other queries related to programmes at hunar@idrbit.ac.in or call us on +914023294121/61/63/64/65.

Forthcoming Programmes of December 2025

S. No.	Programme	Date	Coordinator
1.	IT Supply Chain Risk Management	01 - 03	Dr. N. P. Dhavale
2.	Application Security & Dev-Sec-Ops	01 - 05	Dr. Abhishek Thakur Dr. Dipanjan Roy
3.	Operational Risk Management, Measures and Compliance for Banks	03 - 05	Dr. V. N. Sastry
4.	Emerging Payment & Lending Systems	08 - 12	Dr. M.V.N.K. Prasad Dr. Susmita Mandal
5.	Data Center Management - IT & Non IT	08 - 12	Dr. Abhishek Thakur
6.	Quantum Computing	10 - 12	Dr. P. Syam Kumar
7.	Financial Forecasting with AI/ML	15 - 19	Dr. V. Ravi & Dr. Mridula Verma
8.	Micro Services - Scaling IT Applications	17 - 19	Dr. V. Radha Dr. N P Dhavale

Please visit our website for more details on programmes at
<https://www.idrbit.ac.in/executive-development-programmes/>