

Programme on

DATA CENTER MANAGEMENT AND VIRTUALISATION

JANUARY 20 - 24, 2025 (Offline Mode)

Programme Coordinator: **Dr. P. Syam Kumar**



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

Introduction

With the implementation of Core Banking Solution, every bank has set up a data center. Most of the banks are now passing through a stabilization phase. A business typically relies heavily on the applications, services and data contained within a data center, making it a critical asset for daily operations. With growth in business, the focus is more on scalability, efficiency, and improved performance of the data center.

Data centre virtualization is the process of transforming physical data centre to virtual data centres using Virtualization technologies, which constitute a key enabling factor for flexible resource management and cost savings in modern data centres, particularly in cloud computing environments with data centre virtualization products, Banks can increase IT agility and create a seamless foundation to manage private and public cloud services alongside traditional on-premises infrastructure. Moreover, Virtual data centres are highly scalable, available and secure.

In this context, this programme helps managers of various data centers to improve the operations of their data centres to the optimum level. Further, this program also helps create and management of Virtual data centres using virtualization technologies.

Objectives

- ★ To understand the concepts and intricacies of data centers
- ★ To explore and experience data center management practices to improve efficiency and effectiveness in this crucial area of operation.
- ★ Virtualization technologies for creating virtual data centres and efficient resource management in virtualized data centers

Contents

- ★ Data Centre Design and operations
- ★ Data Centre Infrastructure Management (Building, Power, HVAC, Cable, physical layer)
- ★ Business Continuity Planning and Disaster Recovery
- ★ Greening Data Centre
- ★ Data Centre Auditing
- ★ Data Centre Security
- ★ Virtualization technologies
- ★ Hypervisors and tools
- ★ Containers
- ★ Container Orchestration
- ★ Data Centre Virtualization
- ★ Building virtual data centres
- ★ Cloud Datacentre management
- ★ Hands on

Who can Participate?

Officers of Banks / Financial Institutions / Insurance Sector who are working in and/or managing data centres.

End Use

Participants will gain comprehensive understanding of how to effectively manage the data centre environments physically and virtually.

Fee Details

Domestic Participants from

- ★ RRBs & Coop. Banks: Rs. 59,000/- (Rs. 50,000/- + 18% GST)
- ★ All other Banks & Fis: Rs. 76,700/- (Rs. 65,000/- + 18% 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 **JANUARY 06, 2025** by email to program@idrbt.ac.in

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, Fees billing address, GST No. of the bank).

Accommodation

Participants will be provided Air Conditioned Single Occupancy room at IDRBT, Hyderabad, with all cafeteria facilities. The Participants can check-in on the evening of one day before 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.

Programmes Scheduled in January 2025

S. No.	Programme	Date	Coordinator
1	Cyber Security Guidelines	01 - 03	Dr. Dipanjan Roy
2	Digital Payment Security Controls	01 - 03	Dr. N. P. Dhavale
3	Continuous Security Validation	06 - 08	Dr. V. Radha
4	IT Project and Vendor Management	06 - 10	Dr. Abhishek Thakur
5	Blockchain Technology for Banking	20 - 24	Dr. Susmita Mandal
6	Data Centre Management and Virtualization	20 - 24	Dr. P. Syam Kumar
7	Serverless Compute Platforms	27 - 29	Dr. Subhrendu C
8	Data Privacy and Security in Financial Services	27 - 29	Dr. Susmita Mandal
9	Emerging Technologies in Banking	27 - 31	Dr. M. V. N. K. Prasad
10	Emerging AI/ML Technologies for Smart Banking	27 - 31	Dr. Mridula Verma

Please visit our website for more details at : <https://www.idrbt.ac.in/offline-programmes>.

Contact Us

Please contact our Programme Office for organizing Customized Programmes and/or any other queries related to programmes at program@idrbt.ac.in or call us on +914023294121/22/24/25.



Institute for Development and Research in Banking Technology
Castle Hills, Road No. 1, Masab Tank, Hyderabad - 500 057, India.

Phone: +91-40-2329 4121 / 22 / 24 / 25

Web: www.idrbt.ac.in E-mail: program@idrbt.ac.in