

Programme on

# DATA CENTER MANAGEMENT AND VIRTUALISATION

**DECEMBER 18 - 22, 2023 (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
- ★ 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. 70,800/- (Rs. 60,000/- + 18% GST)

### Foreign Participants from

- ★ SAARC Countries: US\$ 1180/- (US\$ 1000/- + 18% GST)
- ★ All other Banks & Fis: US\$ 1770/- (US\$ 1500/- + 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 **DECEMBER 12, 2023** by email to [program@idrbt.ac.in](mailto: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 December 2023

S. No.	Programme	Date	Coordinator
1	Digital Payment Security Controls	04 - 06	Dr. N. P. Dhavale
2	Emerging Technologies for Cyber Security	04 - 08	Dr. Dipanjan Roy
3	Payment Systems - New Initiatives	11 - 13	Dr. M. V. N. K. Prasad
4	Emerging AI/ML Technologies for Smart Banking	11 - 15	Dr. Mridula Verma
5	Security Operations Centre	18 - 20	Dr. V. Radha
6	Vulnerability and Penetration Testing for Cyber Defence	18 - 20	Dr. B. M. Mehtre
7	Data Centre Management and Virtualization	18 - 22	Dr. P. Syam Kumar
8	Blockchain for Banking	18 - 22	Dr. Susmita Mandal

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](mailto:program@idrbt.ac.in) or call us on +914023294121/22/24/25.



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