

**Other Programmes Scheduled in July 2017**

S. No.	Programme	Date	Coordinator
1.	Data Centre Management	03 – 05	Dr. G. R. Gangadharan
2.	Secure Coding Practices	03 – 07	Dr. V. Radha
3.	Credit Recovery Analytics	10 – 12	Dr. Sagar Koparkar
4.	Cyber Security for Senior Management	12	Prof. B. M. Mehtre
5.	IT Vendor Management	17 – 19	Dr. G. R. Gangadharan
6.	Data Warehousing and Reporting	17 – 19	Dr. S. Nagesh Bhattu
7.	Banking Technologies	17 – 21	Dr. Rajarshi Pal
8.	Vulnerability Analysis and Penetration Testing for Cyber Defence	24 – 28	Prof. B. M. Mehtre
9.	IT Operational Risk Management	Jul 31 – Aug 02	Dr. N. P. Dhavale
10.	UPI / BHIM / Wallets	Jul 31 – Aug 02	Dr. N. V. Narendra Kumar

Please visit our website for more details on programmes at : [www.idrbt.ac.in/upcoming.html](http://www.idrbt.ac.in/upcoming.html)

**Programme Office**

Please contact our Programme Office for organizing Customized Programmes and/or any other queries related to programmes:

**Dr. M. V. Sivakumaran**  
Faculty and Coordinator - EEDP

**Mr. K. Srinivas**  
Administrative Executive

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# Virtualization Technologies in Cloud Computing

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

**JULY 10 – 12, 2017**



# Virtualization Technologies in Cloud Computing

July 10 – 12, 2017

Coordinator: Dr. P. Syam Kumar, Assistant Professor, IDRBT

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## Introduction

Virtualization technologies constitute a key enabling factor for flexible resource management in modern data centres, and particularly in cloud environments. Virtualization can increase automation system agility, flexibility, and scalability with significant cost savings. Virtualization enables centralized management, minimizes or eliminates downtime, reduces development time, and increases overall system efficiency. Cloud providers need to manage complex infrastructures in a seamless fashion to support the highly dynamic and heterogeneous workloads and hosted applications customers deploy.

Various virtualization technologies contribute to the overall picture in different ways. By using virtualization, banks can save on escalating IT costs and improve the utilization of modern computer technology as virtualization provides relief by fundamentally changing the way IT resources are managed and deployed. Hence, it is important to learn role of virtualization technologies in modern data centres.

## Objective

This programme will provide an overview of virtualization technology with a series of hands-on practical exercises on server, storage, network, and desktop virtualization techniques.

## Contents

- \* Basics of Virtualization
- \* Benefits of Virtualization
- \* Challenges of Virtualization
- \* Server Virtualization
- \* Storage Virtualization
- \* Network Virtualization
- \* Desktop Virtualization
- \* Application Virtualization
- \* OS Virtualization
- \* Hands-on Virtualization
- \* VSAN
- \* SDN
- \* Virtualization technology in Modern Data Centres
- \* Overview of Cloud Computing

## End Use

The participants will be able to create their own virtual machines, virtual storage, and desktop, etc. and maintain the modern data centre efficiently.

## Faculty

Faculty of IDRBT, Guest Speakers from the Industry & Practitioners.

## Who Can Participate?

Officials working in IT implementation team at banks from Scale I to IV.

## Fee Details

### Domestic Participants from

- \* RRBs & Coop Banks : Rs. 20,700/- (Rs. 18,000/- + 15% Service Tax)
- \* All other Banks & FIs: Rs. 27,600/- (Rs. 24,000/- + 15% Service Tax)

### Foreign Participants from

- \* SAARC Countries : US \$ 690/- (US \$ 600/- + 15% Service Tax)
- \* Other Countries : US \$ 1035/- (US \$ 900/- + 15% Service Tax)

The fees for our programmes can be remitted through NEFT and the bank account details for fee payment available at: <http://bit.ly/PAYFEES>.

## Nominations

Nominations should be sent to us latest by **June 26, 2017** by email to [program@idrbt.ac.in](mailto:program@idrbt.ac.in)

## Venue & Timings of Programme

**Venue:** IDRBT

**Timings:** 9.30 AM to 5.30 PM

## How to Reach IDRBT

A major landmark near Masab Tank flyover is NMDC. IDRBT is located just behind NMDC. Google Pin: <http://bit.ly/IDRBT>

## Accommodation and Travel Plans

The boarding & lodging arrangements will be made at IDRBT, Hyderabad. The participants will be provided single occupancy a/c rooms.

**Check-in** : From 3.00 PM on Sunday, July 09, 2017.

**Check-out** : 7.00 AM on Thursday, July 13, 2017.