

Programme on **CLOUD SECURITY AND PRIVACY**

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

June 16 - 20, 2025



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

Introduction

Cloud Computing is a way of delivering IT-enabled capabilities to users in the form of 'services' with elasticity and scalability, where users can make use of resources, platform, or software without having to possess and manage the underlying complexities of technology. Cloud Computing also has attractive benefits including relief on storage and computation fronts, apart from fine-grained data sharing and cost savings in terms of hardware and software, etc. Though the benefits of Cloud Computing are huge, the Cloud Computing environment poses Security and Privacy Challenges, and these challenges have severely delayed the practical adoption of Cloud technologies. This is also the reason behind the slow adoption of Cloud Computing in the Banking and Financial Sector. Given its many advantages, there is a clear need to understand Cloud-Computing technologies, the security and privacy issues involved, how to address them and also the best practices for adopting Cloud in the Banking and Financial Sector.

Objective

This programme discuss various security and privacy issues in cloud computing, provides best practices on the effective use of cloud services in banks

Contents

- * Overview of Cloud Computing
- * Security Threats in cloud computing
- * Virtualisation Security
- * Infrastructure Security
- * Host Security in Cloud
- * Data Security and Privacy in Cloud
- * Application Security in Cloud
- * Container Security in Cloud
- * Identity Access Management,
- * Authorization and Authentication
- * Incidence Response
- * Governance and Risk Management
- * Regulatory Compliance and Audit Management
- * Shared Security Responsibility
- * Trusted Environments and Zero Trust Architectures

Who can Participate?

Officials working in IT implementation team and security management team in Banks and Financial Institutions

End Use

At the end of this programme, the participants would gain the knowledge on cloud computing security and privacy issues and solutions for these issues. They will also be able to evaluate the security of cloud service providers before adopting cloud in banks.

Fee Details

Dr. P. Syam Kumar, Assistant Professor. e-mail: psyamkumar@idrbt.ac.in.

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 the programme 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 **JUNE 02, 2025** by email to program@idrbt.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).

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.

Contact Us

Please contact our Programme Office for organizing Customized Programmes and/or any other queries related to programmes at hunar@idrbt.ac.in or call us on 040 2329 4121/4124/4125.