Programme on
DATA PRIVACY AND CLOUD SECURITY

Programme Coordinators: Dr. P. Syam Kumar & Dr. Susmita Mandal

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

Introduction

Data privacy and security in financial services is a critical area of concern for both financial institutions and their customers. With the increasing use of technology in financial services, there is a growing risk of data breaches and cyber-attacks, which can result in the theft of sensitive financial information and identity theft. In today's digital era, the explosive growth of cloud computing and global data flows has made data privacy and cloud security critical for individuals, enterprises, and governments. Data privacy ensures the ethical and lawful handling of personal and sensitive data, while cloud security focuses on protecting information as it traverses, resides, and is processed in distributed cloud environments. Emerging privacy-enhancing technologies (PETs) and evolving global regulations are reshaping this landscape, especially as organizations migrate critical workloads and personal data to public, private, and hybrid clouds. This professional course bridges theory with real-world best practices, latest compliance frameworks, and practical case studies to empower security practitioners, auditors, compliance leaders, and IT professionals to protect cloud-hosted data and foster trust in modern digital operations.

Objective

The objective is to

* Enlighten participants with a foundational understanding of data privacy principles, including essential regulatory frameworks, consent management, and the significance of data privacy for institutional trust and business reputation.
* Practical solutions to emerging privacy and security risks, including current and advanced privacy-enhancing technologies (PETs).
* Discuss various security and privacy issues unique to cloud computing and equiping participants with best practices for the effective use of cloud services in banks and financial institutions.

Contents

* Foundations of Data Privacy
* Global and Regional Data Privacy Laws
* Consent management and Core Privacy Principles
* Introduction to Cloud Computing & Security Challenges
* Cloud Security Architectures & Frameworks
* Cloud Data Lifecycle & Data Protection Mechanisms
* Privacy by Design & Data Minimization in Cloud Environments
* Cloud Identity, Access, and Key Management
* Incident Response, Forensics in the Cloud
* Vendor, Third-Party & Supply Chain Risk Management
* Introduction to Privacy-Enhancing Technologies
* Use Cases of PETs in Cloud and AI for Banking
* Compliance, Audit Readiness & Future Trends

Who can Participate?

Officials/Executives from IT department, IT implementation team and security practitioners, Auditors, Compliance leaders, Officers associated with data workflow management in payment systems, transaction processing systems, delivery channels, business model development for payment system, and innovation technologies in banks and financial institutions (across all levels in the hierarchy).

End Use

This programme will enable participants

∗ To understand ways in protecting sensitive data with leading technologies.

∗ Gain knowledge of regulatory policies and guidelines to bring efficiency and effectiveness in data management.

∗ Gain the knowledge on cloud computing security and privacy issues and solutions for these issues.

∗ Able to evaluate the security of cloud service providers before adopting cloud in banks.

Programme Coordinators

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Dr. Susmita Mandal, Assistant Professor. e-mail: **msusmita@idrbt.ac.in.**

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 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 **JANUARY 31, 2026** by email to *hunar@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 4121/61/63/64/65.

Forthcoming Programmes of February 2026

S. No.	Programme	Date	Coordinator
1.	Intelligent Process Automation	02 - 06	Prof. V. N. Sastry & Dr. Mridla Verma
2.	Application Security & Dev-Sec-Ops	04 - 06	Dr. Abhishek Thakur & Dr. Dipanjan Roy
3.	Quantum Computing	04 - 06	Dr. P. Syam Kumar
4.	Customer Identity and Digital Personal Data Protection Compliance for Banks and Financial Institutions	11 - 13	Prof. V. N. Sastry
5.	Innovations in Payment Systems	11 - 13	Dr. M. V. N. K. Prasad & Dr. Susmita Mandal
6.	End to End Implementation of AI/ML in Banking	16 - 20	Dr. V. Ravi
7.	Information Systems Controls & Audit	23 - 27	Dr. Dipanjan Roy
8.	AI/ML Red Flags: Challenges in Privacy, Security & Governance	23 - 27	Dr. Mridula Verma

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