

Programme on

APPLICATION SECURITY & DEV-SEC-OPS

Programme Coordinator: **Dr. Abhishek Thakur & Dr. Dipanjan Roy**

DECEMBER 01 - 05, 2025



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



Introduction

The Executive Development Program on App-Sec & Dev-Sec-Ops is specifically designed for managers in cross-functional teams in the banking and financial sectors. While the core-focus is on IT and security team, the business, risk, audit and compliance teams also benefit by adopting the learning from the program

Participants will engage in an in-depth learning of vital aspects related to application security, encompassing secure coding practices, vulnerability management, and advanced subjects such as API security and Dev-Sec-Ops. It also enables teams that are starting out with dev-sec-ops by introducing the concepts of automation (in all stages of projects), deployment of dev-sec-ops pipeline and ensuring observability of the solutions. This program offers a comprehensive integration of theoretical frameworks, practical labs, and relevant case studies, thereby equipping professionals with the essential skills required to protect their organizations against emerging threats and effectively and efficiently utilize their investments in micro-services and private cloud environments.

Objectives

The objective of this program is

- ★ To provide IT professionals with management and strategic skills necessary for securing banking and financial applications.
- ★ The participants will be equipped to implement effective security practices throughout the application development lifecycle.
- ★ The participants will be able to increase efficiency for the bank by implementing efficient dev-sec-ops framework in context of their banks IT strategy.

Contents

- ★ OWASP Top 10
- ★ Secure Coding Practices
- ★ Authentication, Authorization, and Session Management for Securing Web Applications
- ★ Role of Automation in Dev-Sec-Ops
- ★ Overview of Application Security Testing Methods (SAST, DAST, IAST and RASP)
- ★ Hands-on Exercises on Static and Dynamic Application Security Testing Penetration Testing Hands-on
- ★ Mobile Application Security Testing
- ★ API Security
- ★ SSDLC
- ★ DevSecOps
- ★ Application Security in Microservices and Containers
- ★ Secure Software Supply Chain
- ★ Securing Open-Source Components
- ★ Manageability, auditability and compliance by design
- ★ Use cases and scenario-based exercises

Who can Participate?

Officials from Information Technology, Information Security, Cyber Security, System Audit, SoC, FRM, Digital-Banking, Reconciliation and other business departments of banks and other financial organizations are invited to participate in this program.

End Use

Participants will be empowered to enhance application security, protect sensitive data, and implement effective security measures within their organizations' IT infrastructure. They will be enabled to improve efficiency and effectiveness of the resources and effectively measure and monitor the outcomes.

Programme Coordinator

Dr. Abhishek Thakur, Assistant Professor; e-mail: abhishekt@idrbt.ac.in.

Dr. Dipanjan Roy, Assistant Professor; e-mail: droy@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 **NOVEMBER 15, 2025** 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 +914023294121/61/64/65.

Forthcoming Programmes of December 2025

S. No.	Programme	Date	Coordinator
1.	IT Supply Chain Risk Management	01 - 03	Dr. N. P. Dhavale
2.	Application Security & Dev-Sec-Ops	01 - 05	Dr. Abhishek Thakur Dr. Dipanjan Roy
3.	Operational Risk Management, Measures and Compliance for Banks	03 - 05	Dr. V. N. Sastry
4.	Emerging Payment & Lending Systems	08 - 12	Dr. M.V.N.K. Prasad Dr. Susmita Mandal
5.	Data Center Management - IT & Non IT	08 - 12	Dr. Abhishek Thakur
6.	Quantum Computing	10 - 12	Dr. P. Syam Kumar
7.	Financial Forecasting with AI/ML	15 - 19	Dr. V. Ravi & Dr. Mridula Verma
8.	Micro Services - Scaling IT Applications	17 - 19	Dr. V. Radha Dr. N P Dhavale

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