

Programme on

APPLICATION SECURITY

Programme Coordinator: **Dr. Rajarshi Pal**

SEPTEMBER 02 - 04, 2024
(Offline Mode)



Introduction

The Executive Development Program on Application Security is designed for IT and Information Security professionals in the banking and financial sector. Participants will delve into critical aspects of securing applications, from secure coding practices and vulnerability management to advanced topics like API security and DevSecOps. This program offers a comprehensive blend of theory, hands-on labs, and case studies to equip professionals with the skills to safeguard their organizations against evolving threats.

Objectives

The objective of this program is to equip professionals with advanced skills to secure banking and financial applications. With this knowledge, the participants will be able to implement robust security practices throughout the application development lifecycle.

Contents

- ★ OWASP Top 10
- ★ Secure Coding Practices
- ★ Authentication, Authorization, and Session Management for Securing Web Applications
- ★ 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 Hands-on
- ★ API Security
- ★ DevSecOps
- ★ Cloud Application Security
- ★ Application Security in Microservices and Containers
- ★ Secure Software Supply Chain
- ★ Securing Open Source Components (with hands-on vulnerability scanning)
- ★ Capstone Workshop

Who can Participate?

Officials from Information Technology and Information Security 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.

Fee Details

Domestic Participants from

- ★ RRBs & Coop. Banks: Rs. 44, 840/- (Rs. 38, 000/- + 18% GST)
- ★ All other Banks & Fis: Rs. 53, 100/- (Rs. 45, 000/- + 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 **AUGUST 19, 2024** by email to 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.

Contact Us

Please contact our Programme Office for organizing Customized Programmes and/or any other queries related to programmes at program@idrbt.ac.in or call us on +914023294121/22/24/25.

Programmes Scheduled in September 2024

S. No.	Programme	Date	Coordinator
1	Application Security	02 - 04	Dr. Rajarshi Pal
2	Information Systems Control and Audit	09 - 13	Dr. Dipanjan Roy
3	Financial Forecasting with AI/ML	09 - 14	Dr. V. Ravi
4	Quantum Computing	18 - 20	Dr. P. Syam Kumar
5	IT Governance, Risk and Compliance	18 - 20	Dr. Abhishek Thakur
6	Advance AI/ML for Cyber Security	18 - 20	Dr. Mridula Verma
7	Open Source Technologies	23 - 25	Dr. M. V. N. K. Prasad
8	Vulnerability Assessment and Penetration Testing	23 - 27	Dr. Rajarshi Pal
9	Workshop on Registration Authority Operations	Sep 30 - Oct 01	Dr. N. P. Dhavale

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



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