

Programme on

# CYBER DEFENCE

Coordinator: **Dr. Rajarshi Pal**

**MARCH 03 - 07, 2025 (OFFLINE MODE)**



## Introduction

Banks have increasingly become targets for cyber attacks as the criminals eye for financial gain. The attackers target banks infrastructure. Recent years have seen a series of malware based attacks like attacks on core banking system. DDoS is also envisaged as an emerging threat for banks. There are attacks exploiting customers too. Examples include phishing/vishing scams or exploiting vulnerabilities of the devices that customers are using. Hence, banks are required to adopt manifold strategies to combat cyber attacks. At one hand, they have to embrace new technologies to protect their infrastructure. On the other side, they have to take awareness initiatives for their employees and customers.

## Objective

The objective of this program is to enlighten the participants with the knowledge and hands-on experience on cyber defence. In turn, it will help banks and other financial institutions to strengthen their cyber security posture. The five-day program aims to cover several aspects of cyber security and cyber forensics. A little bit knowledge of relevant clauses of IT Acts also help participants to understand their position in the techno-legal scenario that arises due to cyber attacks.

## Contents

- ★ Defence against APTs
- ★ Network Packet Inspection
- ★ Authentication techniques
- ★ Security Operations Center
- ★ Web/Mobile Application Security
- ★ API Security
- ★ Phishing and countermeasures
- ★ PKI
- ★ Malware analysis
- ★ Defence against DDoS
- ★ Transaction analysis
- ★ Legal coverage under IT Acts
- ★ Mobile Banking Security
- ★ VAPT
- ★ Threat Intelligence
- ★ Cyber Forensics

## Who can Participate?

Staffs from IT/Information Security/Audit/Risk department of banks and other financial institutions can attend the program.

## End Use

The program will strengthen the participants in cyber security. They will be able to deploy appropriate technologies and strategies to counter cyber threats.

## 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 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 **FEBRUARY 17, 2025** by email to [program@idrbt.ac.in](mailto: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](mailto:program@idrbt.ac.in) or call us on +914023294121/22/24/25.

### Programmes Scheduled in March 2025

S. No.	Programme	Date	Coordinator
1	Digital Payment Security Controls	03 - 05	Dr. N. P. Dhavale
2	Cyber Defence	03 - 07	Dr. Rajarshi Pal
3	Fintech and Financial Inclusion	10 - 12	Dr. M. V. N. K. Prasad
4	Information Systems Audit and Control	10 - 14	Dr. Dipanjan Roy
5	Workshop on Registration Authority Operations	17 - 18	Dr. N. P. Dhavale
6	Advance AI/ML for Cyber Security	17 - 19	Dr. Mridula Verma
7	Post Quantum Security	24 - 26	Dr. P. Syam Kumar

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



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