



**INSTITUTE FOR DEVELOPMENT AND RESEARCH
IN BANKING TECHNOLOGY**
(ESTABLISHED BY RESERVE BANK OF INDIA)
CASTLE HILLS, ROAD No. 1, MASAB TANK, HYDERABAD – 500 057

**CERTIFICATION PROGRAMME FOR
IT AND CYBER SECURITY FOR CXOS**

March 17 – 21, 2025.

BACKGROUND

The Reserve Bank of India has emphasised the need to enhance the management’s awareness in banks, of the IT and Cyber Security issues in a systematic and structured manner and advised that they undergo awareness /certification programmes in this area.

This is a critical need since banks have increasingly become targets for cyberattacks as the criminals eye financial gain. The attackers target banks infrastructure. Recent years have seen a series of malware based attacks like crypto-ransomware and attacks on SWIFT infrastructure. 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. On the 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.

OBJECTIVES

The objective of this programme is to enlighten the participants with the knowledge of cyber defence. In turn, it will help banks to strengthen their cyber security posture. The five-day programme aims to cover several aspects of cyber security and cyber forensics.

Exposure to relevant clauses of IT Acts will also help participants to understand their position in the techno-legal scenario that arises due to cyber-attacks. The programme will strengthen the participants in cyber security and they will be able to leverage appropriate technologies and strategies to counter cyber threats.

COURSE CONTENTS

- Introduction to Cyber Security
- Understanding IT Landscape
- Cyber Security Breaches: Case Studies and Best Practices
- Network Security
- End Point Security
- Cloud Security
- Web Application Security
- API Security and Governance
- Mobile Banking Security
- VAPT
- Cyber Security Drills and Exercises
- Cyber Security Training and Awareness
- Insider Threats and Mitigation Strategies
- Dark Web Monitoring
- AI for Cyber Security and Cyber Security for AI
- Blockchain and Cyber Security
- Quantum Computing and Cyber Security
- Emerging Technologies and Their Impact on Cyber Security
- Deep Fake Phishing and Detection
- Incident Detection and Response
- Security Operations Center
- Cyber Security Governance and Risk Management
- Cyber Insurance
- Regulatory and Compliance Issues
- Cyber Resilience and Business Continuity
- Key Metrics for Cyber Security Posture
- Digital Forensics Investigation and Case Studies
- IT Act, Data Protection and Privacy

PARTICIPANTS PROFILE

CXOs of the banks (viz., Chief Technology Officers – CTOs, Chief Information Officers – CIOs, Chief Information Security Officers – CISOs, Chief Risk Officers –CROs, etc.).

DURATION

This five-day programme will be offered till March 2025 on the following dates:

I. March 17 – 21, 2025

ASSESSMENT AND CERTIFICATION

The Assessment and Certification process would include Group Discussion, Presentations, Case Study, Lab Sessions, Online Quiz, etc. On successful completion, participants would be awarded the “Certificate in IT and Cyber Security”.

The Assessment and Certification of the programmes is done under the guidance of the Certification Programmes Advisory Committee.

VENUE & TIMINGS OF PROGRAMME

Mode : Offline
Venue : IDRBT, Castle Hills, Road No.1, Masab Tank, Hyderabad - 500057
Timings : 9.30 AM to 5.30 PM.

FEE DETAILS

The fee for this non-residential programme is Rs 70,800/- (Rs 60,000 + 18% GST) per participant. The fee can be remitted through NEFT to the following account after receipt of confirmation of nomination from IDRBT:

Account Name : IDRBT
Bank : Axis Bank Limited
Branch : Humayun Nagar (Mehdipatnam Ring Road) Branch, Hyderabad
A/c Number : 426010100018823
IFSC Code : UTIB0000426
GSTIN : 36AAAAI0204K1Z4.

LAST DATE FOR RECEIPT OF NOMINATION

The nominations may please sent to by e-mail to certprogram@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).

The last date of receipt of nomination is 15 days before the commencement of the respective programme. However, in view of limited capacity for each programme, confirmation would be based on first-come first-serve basis.

PROGRAMME CONTACT

For queries, if any, please contact:

Dr. S Rashmi Dev, AGM, IDRBT / Shri D. Chaitanya, Administrative Executive, IDRBT, through certprogram@idrbt.ac.in / dchaitanya@idrbt.ac.in / srdev@idrbt.ac.in or +(040) 2329 4121 / (040) 2329 4184.
