



# Institute for Development and Research in Banking Technology

(Established by Reserve Bank of India)

Castle Hills, Road No. 1, Masab Tank, Hyderabad-57, India.

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e-Programme on

## RECENT CYBER CRIMES AND DEFENCES

June 02 - 05, 2020

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### Introduction

Banks and other Financial Institutions have increasingly become targets for cyber-attacks as criminals eye financial gain. Attackers target infrastructures of these institutions. Recent years have seen a series of malware based attacks like crypto-ransomware as well as attacks on SWIFT infrastructure. DDoS is also an emerging threat for banks.

There are cyber-attacks exploiting customers too. Examples include phishing/vishing scams or exploiting vulnerabilities of devices that customers are using. Moreover, in the challenging time of COVID-19 pandemic, when employees are working from home, cyber criminals are looking to exploit weaknesses in tools, processes, and human errors to gain illegal access to the systems and causing havoc in organisations. So organisations need to adopt manifold strategies to combat cyber-attacks. On the one hand, they have to arrest the technology vulnerabilities to protect their infrastructure and on the other, they have to conduct awareness initiatives for their employees and customers.

### Objective

The objective of this e-programme is to enlighten the participants with the modus operandi of recent cyber-attacks and make them aware of defence strategies to prevent recurrences. In turn these steps will help organisations strengthen their cyber security posture significantly.

### Contents

- Recent Malware Attacks and Defences
- Backdoor Attacks: On the Rise Once Again
- Enterprise VPN Security in the Context of Widespread Adoption of “Work from Home” Scenario
- Phishing and Countermeasures

### Mode of Teaching

Online teaching plus learning inputs through reading material, videos, webinars, assignments, quizzes, online interactions and clarifications. Each e-Programme will have four live webinars and course material will be made available in advance for study.

### Who Can Participate?

Officers from IT, Information Security, Risk, Audit and Supervision Departments of Banks and Financial Institutions associated with Digital Platforms

### End Use:

This e-Programme will strengthen the knowledge in cyber security and help participants deploy appropriate technologies and strategies to counter cyber threats.

## Programme Coordinator:

**Dr. Rajarshi Pal**, Assistant Professor, IDRBT; e-mail: [prajarshi@idrbt.ac.in](mailto:prajarshi@idrbt.ac.in)

## Fees:

### **For Indian Participants**

- RRBs & Coop Banks: Rs. 8,850/- (Rs. 7,500/- + 18% GST)
- All Other Banks & FI's: Rs. 11,800/- (Rs. 10,000/- + 18% GST)

### **For International participants**

- US \$ 175 (per participant, All inclusive)

## Bank Account Details For Remittance of Fees

The fees for this e-programme can be remitted to the following accounts:

### **For Indian Participants**

Account Name : IDRBT  
Bank & Branch : Axis Bank Limited, Humayun Nagar, Mehdiapatnam, Hyderabad  
Account No. : 426010100018823  
MICR Code : 500211012  
IFSC Code : UTIB0000426

### **For International participants**

Receiver's Correspondent Bank : JP Morgan Chase, New York, USA  
Swift Code : CHASUS33XXX  
Fed Wire Routing Number : ABA 021000021  
Beneficiary Bank & Branch : Axis Bank Ltd., Mumbai, India  
Account Number : 0011407376  
Beneficiary Bank Swift Code : AXISINBB

### **Ultimate Beneficiary**

Account Name : IDRBT  
Customer ID : 030021632  
Account No. : 426010100018823  
Bank & Branch : Axis Bank Ltd., Jubilee Hills, Hyderabad, India. (AXISINBB030)

## Nominations

Banks may nominate any number of participants to these e-Programmes, which may be accepted on a first-cum-first-served basis. While nominating, please provide the details of the participants (Name, Designation, Bank, Mobile No/Phone No, email address, fees billing address, GST No. of the Bank.)

Apart from nominations by banks, staff members of banks can self-nominate themselves for these e-Programmes by providing their employee credentials and paying the programme fee latest by **02-06-2020 (till 12.00 noon)**.

## How to Register

The nominations for these e-Programmes, and queries if any, may please be sent to [eprogram@idrbt.ac.in](mailto:eprogram@idrbt.ac.in). Please visit <https://www.idrbt.ac.in/eprogrammes> for more details about these programmes.

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