



# 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

## **DIGITAL FORENSICS FOR CYBER DEFENSE – A PROACTIVE APPROACH**

**December 28 - 31, 2020**

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### Introduction

Digital Forensics and Cyber Security are the two faces of the same coin. As cyber security is becoming increasingly critical in day-to-day operations, digital forensics is not getting its share of importance. To have healthy (secure) systems there is a need for developing digital forensics skills for achieving robust Cyber Defence.

This eProgram aims to highlight key aspects of digital forensic techniques in banking sector.

### Objectives

- To give basic introduction to digital forensics
- Underline its use for cybercrime investigation, pro-active approach and reactive approach for dealing with security incidents.
- Global average duration for detection of cyber-attacks is 180-200 days. This duration can be reduced by effectively leveraging the digital forensic techniques.

### Contents

- Introduction to digital forensics – terminology and related terms
- Basic techniques of monitoring cyber attacks
- Detecting stealth programs/malware
- Some exercises

### 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?

Bank officials working in IT Department, cyber Security Operations Centre, Network operations Center and related activities.

### End Use:

Monitoring of cyber-attacks, pro-active approach for preventing cyber-attacks and strengthen Cyber Defence.

### Programme Coordinator:

**Dr. B. M. Mehtre**, Professor, IDRBT; e-mail: [bmmehre@idrbt.ac.in](mailto:bmmehre@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 **December 27, 2020**.

## 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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