



# 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

## **MOBILE BANKING, SOCIAL MEDIA BANKING AND MOBILE APP SECURITY TESTING**

**January 19 - 22, 2021**

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### Introduction

This programme focuses on the recent developments in Mobile Technologies and Mobile Banking Regulations. How Banks can use the various Mobile Communication channels such as WIFI, 5G etc. would be discussed. How Social Media, where most of the people are hooked to, can be leveraged by Banks would be analysed. Security aspects which are most important for Mobile Banking Services, APIs, Mobile Wallets etc. would be discussed. Multiple language support, localization and usability aspects would be discussed. Mobile Security and Mobile App Security testing Approach would be presented.

### Objectives

- To learn the recent developments in Mobile Technology, Mobile Banking and Mobile Payments.
- To learn the Standards and Regulations of Wireless, Sensor and Mobile Service for effective Mobile Banking and Mobile Payments.
- To know how to leverage the Social Media for greater outreach, marketing and customized Banking Services.
- To learn about the various security threats of mobile and social media banking and procedure of mobile app security testing.

### Contents

- Developments in Mobile Technology, Mobile Banking and Mobile Payments.
- Mobile Communication Channels
  - Long Range - SMS, USSD, GPRS, Voice
  - Short Range - WiFi, BT, NFC, BLE, IR
- Mobile Payments Modes – IMPS, AEPS, UPI, NEFT
- Mobile Banking Application and Mobile Wallet Issues
- APIs, User Interfaces, Multi-lingual and location based services
- Mobile Security Threats and Security Testing of Mobile Banking Apps.
- Procedure of Mobile Forensics.
- Social Media: Types, Issues and how Banks can leverage.
- Case study

### 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 handling any of the Mobile Banking, Mobile Payments, Mobile Wallets, e-Banking, delivery channels, Mobile app and API testing, Mobile security and Social Media.

## End Use:

- Learning recent developments in Mobile Banking and Social Media would help to improve Mobile Banking Services.
- Exposure to Mobile Security Testing would help to overcome Security Threats and create awareness.
- Participants would be able to explore emerging mobile communication channels to offer mobile banking services to all categories of mobile users in a customized way.

## Programme Coordinators:

**Dr. V. N. Sastry**, Professor, IDRBT; e-mail: [vnsastry@idrbt.ac.in](mailto:vnsastry@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 **January 18, 2021**.

## 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.html> for more details about these programmes.

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### e-Programmes in January 2021

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	Security Operations Centre	04 - 07	Dr. V. Radha	Jan 03, 2021
2	Targeted Attacks – Detecting in early stages	05 – 08	Dr. B. M. Mehtre	Jan 04, 2021
3	Banking Preparedness and Digital Growth Amidst Pandemic	05 – 08	Dr. Susmita Mandal	Jan 04, 2021
4	Proactive Cyber Defence Strategies	11 – 13	Dr. Dipanjan Roy	Jan 10, 2021
5	Re-imagining customer engagement with conversational Chatbots	11 – 13	Dr. Mridula Verma	Jan 10, 2021
6	Introduction to Authentication Techniques	11 – 13	Dr. M.V.N.K. Prasad & Dr. N.P. Dhavale	Jan 10, 2021
7	Data Centre Management	18 – 21	Dr. P. Syam Kumar	Jan 17, 2021
8	Mobile Banking, Social Media Banking and Mobile App Security Testing	19 – 22	Dr. V. N. Sastry	Jan 18, 2021
9	Workshop on Registration Authority Operations	19 – 22	Dr. N. P. Dhavale	Jan 18, 2021
10	Emerging Technologies for Banking	27 – 29	Dr. Rajarshi Pal	Jan 26, 2021
11	Introduction to Governance, Risk and Compliance	27 – 29	Dr. Abhishek Kumar	Jan 26, 2021