



Institute for Development and Research in Banking Technology

(Established by Reserve Bank of India)

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

e-Programme on
MOBILE BANKING, SOCIAL MEDIA BANKING AND MOBILE APP SECURITY TESTING
AUGUST 10 – 13, 2021

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

The program will have four live webinars. One webinar will be held at each day of the program. Duration of each webinar will be one hour. Additional study materials will be made available in the form of text and video lectures. Participants can go through those materials offline.

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 Uses:

- 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 Coordinator:

Dr. V. N. Sastry, Professor, IDRBT; E-mail: 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 **AUGUST 09, 2021**.

How to Register

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

e-Programmes in AUGUST 2021

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	IT Project Management	02 – 05	Dr. Abhishek Thakur	Aug 01, 2021
2	Technologies for Financial Inclusion	03 – 06	Dr. M. V. N. K. Prasad	Aug 02, 2021
3	IT Vendor Management	03 – 06	Dr. N. P. Dhavale	Aug 02, 2021
4	Recent Cyber Crimes and Defences	09 – 12	Dr. Rajarshi Pal	Aug 08, 2021
5	Mobile Banking, Social Media Banking and Mobile Application Security Testing	10 – 13	Dr. V. N. Sastry	Aug 09, 2021
6	Introduction to Fraud Analytics	10 – 13	Dr. V. Ravi	Aug 09, 2021
7	Security in Cloud Computing	23 – 26	Dr. P. Syam Kumar	Aug 22, 2021
8	Proactive Cyber Defence Strategies	24 – 27	Dr. Dipanjan Roy	Aug 23, 2021
9	Targeted Attacks – Detecting in Early Stages	24 – 27	Dr. B. M. Mehtre	Aug 23, 2021
10	Security Operations Centre	Aug 30 – Sep 02	Dr. V. Radha	Aug 29, 2021
11	Smart Banking with AI and ML	Aug 31 – Sep 03	Dr. Mridula Verma	Aug 30, 2021
12	Secure Financial Infrastructure	Aug 31 – Sep 03	Dr. Susmita Mandal	Aug 30, 2021