

### Other Programmes Scheduled in August 2019

S. No.	Programme	Date	Coordinator
1.	Machine Learning, Deep Learning	05 – 06	Dr. V. Ravi
2.	Banking Technologies	05 – 09	Dr. Rajarshi Pal
3.	API Development	05 – 09	Dr. V. Radha
4.	IT Operational Risk Management	19 – 21	Dr. N. P. Dhavale
5.	Payment Systems Current Trends & New Initiatives	26 – 28	Dr. N. V. Narendra Kumar
6.	Banking Application – Lifecycle Management	26 – 28	Dr. Abhishek Kumar Thakur

Please visit our website for more details on programmes at : [www.idrbt.ac.in/upcoming.html](http://www.idrbt.ac.in/upcoming.html)

### Bank Account Details for Remittance of Fees

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

### Programme Office

Please contact our Programme Office for organizing Customized Programmes and/or any other queries related to programmes:

**Dr. M. V. Sivakumaran**  
 Senior Domain Expert and Coordinator - EEDP

**Mr. K. Srinivas**  
 Administrative Executive

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# Programme on Mobile Banking Security and Testing (MBSAT)

Coordinator: Prof. V.N. Sastry

AUGUST 19 – 23, 2019



## Mobile Banking Security and Testing (MBSAT)

August 19 – 23, 2019

Coordinator: Prof. V. N. Sastry, Professor, IDRBT

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### Introduction

Mobile Banking Services of data, voice and multimedia are offered through (a) various long range wireless communication channels as SMS, USSD, Tele-banking, IVRS, GPRS (Mobile Browser, Mobile Application and Mobile Wallet) and (b) various short range wireless communication channels as WIFI, GIF, IR, Bluetooth, NFC etc. Mobile Payments are offered through various modes as IMPS, AEPS, NEFT, UPI etc.. It is important to address the Privacy, Security, Multi-lingual Support, Awareness and User Experience which are prime concerns of customers of banks. Providing Banking and Financial Services in a customized way ensuring security is essential. It is important to learn the evolving technologies underlying mobile device, mobile communication and mobile security in order to provide customized services. Use of design standards, proper development and security testing of mobile banking applications are necessary for banks and financial institutions.

### Objectives

- ★ To enrich on the developments and challenges of mobile banking and payments
- ★ To learn the best practices of development of mobile application and API
- ★ To explore the use of lightweight cryptographic techniques, m-PKI and Secure Coding practices for enabling secure and efficient mobile banking
- ★ To learn the techniques and tools of mobile security testing and vetting process.

### Contents

- ★ Mobile Financial Services, Mobile Banking, Mobile Payments
- ★ Mobile Cloud Computing
- ★ Mobile Communication Channels, NFC & Wi-Fi
- ★ Internals of Mobile Phone, Mobile Operating systems
- ★ Light Weight Cryptography
- ★ Mobile PKI, Secure Coding,
- ★ Mobile Security and Mobile App Security Testing,
- ★ Use and Integration of API, Social Media Banking,
- ★ Usability and Customer Awareness,
- ★ Mobile Crowd Sourcing and Sensing

### Faculty

Faculty of IDRBT, Guest Speakers from the Industry & Practitioners.

### Who Can Participate?

Officials of Banks and Financial Institutions, Technical Personnel dealing with Delivery Channels, Operational Risks, Mobile Banking, Mobile Payments, Mobile Security, Testing and Audit. Level: Scale I to IV.

### End Use

The official would be in a position to implement some of the latest mobile technologies in Banks. It would help in using appropriate lightweight cryptography techniques in the development of securing mobile banking applications. The participant would be in a position to guide the organization in mobile application development, security testing and vetting process. It would help to strengthen mobile banking and social media integration.

### Fee Details

#### Domestic Participants from

- ★ RRBs & Coop Banks : Rs. 41,300/- (Rs. 35,000/- + 18% GST)
- ★ All other Banks & FIs: Rs. 53,100/- (Rs. 45,000/- + 18% GST)

#### Foreign Participants from

- ★ SAARC Countries : US \$ 1180/- (US \$ 1000/- + 18% GST)
- ★ Other Countries : US \$ 1770/- (US \$ 1500/- + 18% GST)

The fees for our programmes can be remitted through NEFT and the bank account details for fee payment available at: <http://bit.ly/PAYFEES>.

### Nominations

Nominations should be sent to us latest by **August 05, 2019** by email to [program@idrbt.ac.in](mailto:program@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).

### Venue & Timings of Programme

Venue: IDRBT Timings: 9.30 AM to 5.30 PM

### How to Reach IDRBT

A major landmark near Masab Tank flyover is NMDC. IDRBT is located just behind NMDC. Google Pin: <http://bit.ly/IDRBT>

### Accommodation and Travel Plans

The boarding & lodging arrangements will be made at IDRBT, Hyderabad. The participants will be provided single occupancy a/c rooms.

**Check-in** : From 3.00 PM on Sunday, August 18, 2019.

**Check-out** : 7.00 AM on Saturday, August 24, 2019.