

Mobile Banking Security and Testing (MBSAT)

September 11 – 15, 2017

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

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Introduction

Mobile Banking Services of data, voice and multimedia are offered through various long range and short range wireless communication channels. SMS, USSD, Tele-banking, IVRS, Mobile Browser, Mobile Application and Mobile Wallet are popular interfaces for customers to access mobile banking services using GPRS, WIFI, Bluetooth, NFC etc. Privacy and Security are important concerns of users and banks. It is important to learn the evolving technologies underlying mobile device and mobile communication 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.

Objective

To provide inputs on the developments and challenges in mobile banking. The best practices of mobile application development, use of APIs and secure coding practices. The various lightweight cryptographic techniques for enabling secure and efficient mobile banking. The techniques and tools of mobile security testing and vetting process. The processes and interfaces for social media banking.

Contents

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

Who Can Participate?

Officials of Banks and Financial Institutions, Interested in Technical Understanding of Mobile Banking, Dealing or Managing Mobile Banking. 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.

Faculty

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

Fee Details

Domestic Participants from

- * RRBs & Coop Banks : Rs. 34,500/- (Rs. 30,000/- + 15% Service Tax)
- * All other Banks & FIs: Rs. 46,000/- (Rs. 40,000/- + 15% Service Tax)

Foreign Participants from

- * SAARC Countries : US \$ 1150/- (US \$ 1000/- + 15% Service Tax)
- * Other Countries : US \$ 1725/- (US \$ 1500/- + 15% Service Tax)

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 28, 2017** by email to program@idrbt.ac.in

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, September 10, 2017.

Check-out : 7.00 AM on Saturday, September 16, 2017.

Other Programmes Scheduled in August 2017

S. No.	Programme	Date	Coordinator
1.	Big Data Analytics With Hadoop and Spark For Banks	04 – 08	Prof. V. Ravi
2.	Cyber Defence for Banks	04 – 08	Dr. Rajarshi Pal
3.	Information Systems Control and Audit	11 – 15	Dr. M.V. Sivakumaran
4.	6 th International Programme on Information Assurance and Management	13 – 23	Dr. B. M. Mehtre
5.	Security Operations Centre	18 – 20	Dr. V. Radha
6.	Letters of Credit, Bank Guarantees & Payment Systems Products using SFMS	18 – 22	Dr. N. V. Narendra Kumar
7.	Cloud Adoption Strategies for Banks	25 – 27	Dr. P. Syam Kumar

Please visit our website for more details on programmes at : www.idrbt.ac.in/upcoming.html

**6th International Programme on
Information Assurance and Management**
at IDRBT and State University of New York, Bufflao, USA
September 13 – 23, 2017

Last Date for Nominations: **June 30, 2017**
Early Bird Discount for Nominations made before **June 15, 2017**
For more information, please contact Prof. B.M. Mehtre at bmmehltre@idrbt.ac.in

Programme Office

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

Dr. M. V. Sivakumaran
Faculty and Coordinator - EEDP

Mr. K. Srinivas
Administrative Executive

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Programme on Mobile Banking Security and Testing (MBSAT)

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