Other Programmes Scheduled in April 2019

S. No.	Programme	Date	Coordinator
1.	IT Operational Risk Management	15 – 17	Dr. N. P. Dhavale
2.	Blockchain Technology	15 – 17	Dr. N. V. Narendra Kumar
3.	Technologies for Financial Inclusion	15 – 17	Dr. M. V. N. K. Prasad
4.	Secure Web Application Development	22 – 24	Dr. Rajarshi Pal
5.	Payment Systems - Current Tredns and New Initiatives	22 – 24	Dr. N. V. Narendra Kumar
6.	Big Data Analytics with Hadoop and Spark for Banks	22 – 27	Dr. V. Ravi
7.	Security Operations Centre	Apr 29 – May 03	Dr. V. Radha

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

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*

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

Programme on
Mobile Governance, Mobile Financial Services & Mobile Application Development

Coordinator: Dr. V. N. Sastry

APRIL 29, 2019 – MAY 03, 2019

Institute for Development and Research in Banking Technology
Castle Hills, Road No. 1, Masab Tank, Hyderabad - 500 057, India.
Phone: +91-40-2329 4121 **Fax:** +91-40-2329 4123
Web: www.idrbt.ac.in **E-mail:** program@idrbt.ac.in

Institute for Development and Research in Banking Technology, Hyderabad
(Established by Reserve Bank of India)

Mobile Governance, Mobile Financial Services & Mobile Application Development
April 29, 2019 – May 03, 2019

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

e-mail: *vnsastry@idrbt.ac.in*

Introduction

Mobile Phone has become the most important interface for accessing Banking and Financial Services from anywhere and anytime. Organizations are focusing on providing all types of business and management services onto a mobile phone to their customers, employees and other entities. It requires robust, adaptable, scalable, usable and secure development of mobile applications with proper backend integration. Classification of services as per the business lines of a bank, development of proper interfaces and standard APIs for integration with m-Governance services, payment gateways etc. are necessary. Mobile Applications can be native, browser based and Hybrid. Development of Mobile Applications as per the Mobile OS and security requirements is a challenging task. It requires proper choice of tools for cross platform development. It is necessary to design mobile website of banks, which are adaptive to mobile device characteristics and lightweight in content. The functional and security testing of mobile banking and mobile wallet applications are necessary to plug the vulnerabilities.

Objectives

* To discuss the developments and challenges in mobile services including mobile governance, mobile banking and mobile payments
* To explain the best practices of mobile application development, cross platform development, use of APIs and secure coding practices
* To explore lightweight cryptographic techniques such as ECC for enabling secure and efficient mobile financial services and mobile banking
* To familiarize the techniques and tools of mobile security testing and vetting process.

Contents

* Mobile Services-Mobile Governance, Mobile Financial Services, Mobile Banking and Mobile Payments.
* Operational Risks in Mobile Services
* Internals of Mobile Phone & Mobile Operating Systems.
* Mobile Communication Channels.
* Light Weight Cryptography, ECC, E-Sign & Mobile PKI.
* Mobile Application Design and Development Tools

* Usability and Customer Awareness,
* Application Programming Interfaces (API).
* UPI, BBPS, E-Locker
* Payment Gateways and Mobile Service Delivery Gateway (MSDG)
* Mobile PoS and Micro ATMs
* Secure Coding Practices.
* Mobile Application Security Testing.
* Mobile Cloud Computing, Mobile Crowd Sourcing and Sensing.
* Social Media Banking

Who Can Participate?

Officials of Banks and Financial Institutions dealing with Mobile Service Delivery Channel, Design, Development and Security Testing of Mobile Banking and Mobile Payment Applications.

End Use

By learning the developments and challenges in mobile application development life cycle phases and tools, one would be in a position to upgrade and improve their mobile service offerings and solutions. The knowledge on security of mobile applications, APIs, Mobile Wallets, UML design, light weight cryptography techniques, security testing and vetting process etc. would help in strengthening mobile banking offerings.

Faculty

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

Fee Details

Domestic Participants from

✶	RRBs & Coop Banks :	Rs. 38,350/- (Rs. 32,500/- + 18% GST)
✶	All other Banks & FIs:	Rs. 50,150/- (Rs. 42,500/- + 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 **April 15, 2019** by email to ***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

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, April 28, 2019.
Check-out : 7.00 AM on Saturday, May 04, 2019.