

### Other Programmes Scheduled in January 2019

S. No.	Programme	Date	Coordinator
1.	Data Warehousing and Reporting	07 – 09	Dr. Mridula Verma
2.	Cyber Defence for Banks	07 – 11	Dr. Rajarshi Pal
3.	IT Vendor Management	28 – 30	Dr. N. P. Dhavale
4.	Fraud Analytics	28 – 31	Dr. V. Ravi
5.	Data Centre Management	Jan 30 – Feb 01	Dr. P. Syam Kumar

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

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Senior Domain Expert and Coordinator - EEDP

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Programme on

# Mobile Technologies, Social Media, and Internet of Things

Coordinator: Dr. V. N. Sastry

**JANUARY 07 – 11, 2019**



# Mobile Technologies, Social Media, and Internet of Things

January 07 – 11, 2019

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

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## Introduction

Mobile phones have revolutionized the online business and service sector globally. Banks and Financial Institutions are leveraging the potential of smart phones and high mobile subscriber base to offer best banking services to their customers round the clock and from anywhere in a customized manner. As people are getting more connected to Social Media, it is convenient to reach to customers in real time and in a cost effective manner for spreading awareness and promoting various services. Developments in Internet of Things (IoT) prove to be useful to Banks and Financial Institutions to offer improved services to customers at their touch point locations such as Branches, ATMs, Merchant PoS, Banks Kiosks etc. This programme is designed to enrich the knowledge on recent developments of mobile, social media and IoT technologies and their applications.

## Objectives

- \* To discuss the latest developments in mobile technologies and security in mobile services including mobile communication, mobile governance and mobile payments
- \* To analyze the potential use and issues of Social Media by Financial Institutions in advertisement, promotions, awareness, payments, etc.
- \* To explore the usage of Sensors, trends in Sensor Technologies and applicability of Internet of Things in offering Smart Banking Services.

## Contents

- \* Internals of a mobile phone
- \* Short-range mobile communication channels such as NFC, Bluetooth, BLE, RFID, WIFI and Zig-Bee
- \* Long range mobile communication channels such as DTMF, SMS, USSD and GPRS
- \* Developments in Mobile services, mobile governance, mobile banking and mobile payments
- \* Mobile Security – Standards, Secure Coding Practices and Mobile Application Security Testing
- \* Light Weight and Elliptic Curve Cryptography (ECC) Protocols
- \* Voice and Biometric Authentication
- \* Bharat QR Code, Bar code, OTP, MMID, Captcha Generation
- \* Social Media : Trends, Business Models and Applications

- \* Sensors. Wireless Sensor Networks and their Applications
- \* Internet of Things (IoT) developments and practical scenarios of implementation
- \* Smart Banking and Robotic Services.

## Who Can Participate?

Officials of Banks and Financial Institutions interested in mobile banking and payments/ Social Media/ Internet of Things, IT Security, Security Policy, New Delivery Channels.

## End Use

By learning the current developments, trends and practical challenges in mobile financial services, sensors, sensor networks, Internet of Things and Social Media, one would be in a position to promote and implement suitable solutions in the organization for efficient and smart services.

## Fee Details

### Domestic Participants from

- \* RRBs & Coop Banks : Rs. 38,350/- (Rs. 32,500/- + 18% GST)
- \* All other Banks & Fls: 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 **December 24, 2018** 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

## 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, January 06, 2019.

**Check-out** : 7.00 AM on Saturday, January 12, 2019.