



# Institute for Development and Research in Banking Technology

(Established by Reserve Bank of India)

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

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e-Programme on

## RE-ENVISIONING DIGITAL BANKING SYSTEMS

November 08 – 11, 2021

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### Introduction

The COVID-19 pandemic has shaken entire world and causing tremors across all industries including banking sector. This has invoked the rush to make a digital transformation and optimizing the bank's backend operations. Digital banking means the full digitization of banks and all its activities, programs and functions. And becoming a digital bank means delivering a compelling and relevant customer and execution experience through an open, integrated and flexible architecture. The goal is to understand the merits of a digitally enabled bank to address the challenges faced by bank and customers.

### Objectives

- To understand the ways to address the key technical challenges faced by banks and customer.
- To understand the future technologies to survive even after the crisis.

### Contents

- Need for digital banking amidst Covid-19
- Key features for digital transformation
- Architecture of the future of core banking
- Enhancing customer experience
- Focus on new technologies
- Web Security
- Security Risks and Challenges in digital payment
- EASE Reform Agenda

### Mode of Teaching

Online teaching plus learning inputs through reading material, videos, webinars, assignments, quizzes, online interactions and clarifications. Each e-Programme will have four live webinars and course material will be made available in advance for study.

### Who Can Participate?

Officials/Executives from IT department, business wings of Banks and Financial institutions associated with digital platforms for financial solutions.

### End Use:

This program will help the participants, to gain in-depth knowledge on key technological solutions for adopting digital banking to overcome present crisis. This program will enable banks to understand the opportunities for future growth.

### Programme Coordinator:

**Dr. Susmita Mandal**, Assistant Professor, IDRBT; e-mail: [msusmita@idrbt.ac.in](mailto:msusmita@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 **November 05, 2021**.

### How to Register

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

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### e-Programmes in October 2021

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	Awareness on Payment Systems Vision 2021	04 – 07	Dr. N. V. Narendra Kumar	<b>Oct 03, 2021</b>
2	Fundamentals of Open Source Technologies	04 – 07	Dr. Mridula Verma	<b>Oct 03, 2021</b>
3	AI/ML and Data Science for Banking	04 – 07	Dr. V. Ravi	<b>Oct 03, 2021</b>
4	Secure Coding Practices	05 – 08	Dr. V. Radha	<b>Oct 04, 2021</b>
5	Technologies for Financial Inclusion	05 – 08	Dr. M. V. N. K. Prasad	<b>Oct 04, 2021</b>
6	Threats to Digital Payment Ecosystem	11 – 14	Dr. Susmita Mandal	<b>Oct 10, 2021</b>
7	Workshop on Registration Authority Operations	11 – 14	Dr. N. P. Dhavale	<b>Oct 10, 2021</b>
8	Virtualization and Cloud Computing	25 – 28	Dr. P. Syam Kumar	<b>Oct 24, 2021</b>
9	Introduction to Governance, Risks and Compliance	25 – 28	Dr. Abhishek Kumar	<b>Oct 24, 2021</b>
10	AI/ML for Cyber Security	26 – 29	Dr. Rajarshi Pal	<b>Oct 25, 2021</b>
11	Insider Threats - Monitoring, Analysis and Detection	26 – 29	Dr. B. M. Mehtre	<b>Oct 25, 2021</b>

### e-Programmes in November 2021

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	Blockchain and Distributed Ledger Technology	08 – 11	Dr. N. V. Narendra Kumar	<b>Nov 05, 2021</b>
2	Re-envisioning Digital Banking Systems	08 – 11	Dr. Susmita Mandal	<b>Oct 03, 2021</b>
3	Introduction to Authentication Techniques	09 – 12	Dr. M.V.N.K. Prasad & Dr. N.P. Dhavale	<b>Nov 08, 2021</b>
4	Secure Financial Infrastructure	09 – 12	Dr. Susmita Mandal	<b>Nov 08, 2021</b>
5	5G & Internet of Things (IoT) for Banks	15 – 18	Dr. V. N. Sastry	<b>Nov 12, 2021</b>
6	Introduction to Technologies for Customer Lifecycle Management	15 – 18	Dr. V. Ravi	<b>Nov 12, 2021</b>
7	Proactive Cyber Defence Strategies	16 – 19	Dr. Dipanjan Roy	<b>Nov 15, 2021</b>
8	Data Centre Management	22 – 25	Dr. P. Syam Kumar	<b>Nov 19, 2021</b>
9	Cyber Security for Remote Working Scenario	23 – 26	Dr. Rajarshi Pal	<b>Nov 22, 2021</b>
10	Dark Web Monitoring for Threat Intelligence	23 – 26	Dr. B. M. Mehtre	<b>Nov 22, 2021</b>
11	Emerging AI/ML Technologies	Nov 30 – Dec 03	Dr. Mridula Verma	<b>Nov 29, 2021</b>
12	Security Operations Centre	Nov 30 – Dec 03	Dr. V. Radha	<b>Nov 29, 2021</b>

### e-Programmes in December 2021

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	Re-imagining Customer Engagement with Conversational Chatbots	06 – 09	Dr. Mridula Verma	<b>Dec 03, 2021</b>
2	Awareness on Payment Systems Vision 2021	06 – 09	Dr. N.V.Narendra Kumar	<b>Dec 03, 2021</b>
3	Explainable AI/ML for Banking	06 – 09	Dr. V. Ravi	<b>Dec 03, 2021</b>
4	Introduction to Hardware Security for Banks	07 – 10	Dr. Dipanjan Roy	<b>Dec 06, 2021</b>
5	Technologies for Financial Inclusion	14 – 17	Dr. M. V. N. K. Prasad	<b>Dec 13, 2021</b>
6	Security in Cloud Computing	14 – 17	Dr. P. Syam Kumar	<b>Dec 13, 2021</b>
7	Workshop on Registration Authority Operations	20 – 23	Dr. N. P. Dhavale	<b>Dec 17, 2021</b>
8	Privacy and Security Risks in Machine Learning	21 – 24	Dr. Rajarshi Pal	<b>Dec 20, 2021</b>
9	Targeted Attacks - Detecting in early stages	21 – 24	Dr. B. M. Mehtre	<b>Dec 20, 2021</b>
10	API Development	27 – 30	Dr. V. Radha	<b>Dec 24, 2021</b>
11	Basics of IT Vendor Management	28 – 31	Dr. Abhishek Thakur	<b>Dec 27, 2021</b>