



# 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

## **BLOCKCHAIN AND DISTRIBUTED LEDGER TECHNOLOGY**

**November 08 – 11, 2021**

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### Introduction

It is widely accepted that blockchain technology has great potential to cause major disruptions to the way businesses operate. There has been a lot of effort in building varieties of blockchain platforms with distinct characteristics that leverage this potential in a variety of ways, and a lot of use-cases experimented with. Despite all these efforts in the past 5 years, there is very little in production. This makes it clear that use-cases need to be chosen with great care, and blockchain platform that is best suited for the use-case to derive maximum business benefit. This program aims to clearly bring out an approach for getting the best business benefit out of blockchain technology.

### Objective

To provide sound understanding of the concepts of blockchain technology and their use-cases in the BFSI sector. Also, to provide insights into what makes a good use-case for blockchain technology.

### Contents

- Concepts and components of blockchain technology
- Blockchain platforms and their characteristics
- Survey of blockchain use-cases in BFSI, and experiences
- Choosing a good use-case for blockchain, and choosing the right platform for the use-case

### 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?

Officers in innovation team, or any function where the objective is to design new products or improve existing products leveraging the distributed ledger technologies such as blockchain.

### End Use:

Participants will have a better understanding of all aspects of blockchain technology from basic concepts to platforms to potential use-cases, benefits, and precautions needed. This will help them to choose use-cases for making the best use of blockchain technology.

### Programme Coordinator:

**Dr. N. V. Narendra Kumar**, Assistant Professor, IDRBT; e-mail: [nvnarendra@idrbt.ac.in](mailto:nvnarendra@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 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	Introduction to Authentication Techniques	09 – 12	Dr. M.V.N.K. Prasad & Dr. N.P. Dhavale	<b>Nov 08, 2021</b>
3	Secure Financial Infrastructure	09 – 12	Dr. Susmita Mandal	<b>Nov 08, 2021</b>
4	5G & Internet of Things (IoT) for Banks	15 – 18	Dr. V. N. Sastry	<b>Nov 12, 2021</b>
5	Introduction to Technologies for Customer Lifecycle Management	15 – 18	Dr. V. Ravi	<b>Nov 12, 2021</b>
6	Proactive Cyber Defence Strategies	16 – 19	Dr. Dipanjan Roy	<b>Nov 15, 2021</b>
7	Data Centre Management	22 – 25	Dr. P. Syam Kumar	<b>Nov 19, 2021</b>
8	Cyber Security for Remote Working Scenario	23 – 26	Dr. Rajarshi Pal	<b>Nov 22, 2021</b>
9	Dark Web Monitoring for Threat Intelligence	23 – 26	Dr. B. M. Mehtre	<b>Nov 22, 2021</b>
10	Emerging AI/ML Technologies	Nov 30 – Dec 03	Dr. Mridula Verma	<b>Nov 29, 2021</b>
11	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>