

Banking Applications of Blockchain Technology

August 16 – 18, 2017

Coordinator: **Dr. S. Nagesh Bhattu**, Assistant Professor, IDRBT

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Introduction

Blockchain Technology(BCT) has recently been envisaged as back-bone technology that can revolutionise the way financial transactions are performed reducing the operational delays through effective dis-intermediation. The technology enables multiple transacting entities to work on a single system through its distributed ledger in a tamper-evident manner. Globally, Banks and other Financial Institutions are actively analysing existing systems to make them more efficient utilising the distributed system characteristics of Blockchain. The technology is still in its infancy and multiple PoCs on Banking Applications are being explored. Some of the applications that are being explored include cross-border payments, loan syndication, C-KYC, trade-finance etc.

Objective

To introduce the fundamental concepts, consensus techniques, security & privacy issues behind the technology and their integration that makes it work. Understand the characteristics of high potential use-cases and their business impact. Explore the features of different BCT platforms.

Contents

- * Crypto Primitives used in BCT
- * Distributed Computing Algorithms
- * Permissioned and Permission-less Blockchains – Illustrative platforms (Ethereum, Hyperledger)
- * Security
- * Consensus
- * Applications

End Use

The program enables participants to develop innovative solutions using Blockchain. The participants get a thorough understanding of the technical underpinnings of Blockchain. The participants would get hand-on experience in latest BCT Platforms.

Who Can Participate?

Members of IT and Innovation Teams

Level of Participants: From Scale I to IV

Faculty

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

Fee Details

Domestic Participants from

- * RRBs & Coop Banks : Rs. 20,700/- (Rs. 18,000/- + 15% Service Tax)
- * All other Banks & FIs: Rs. 27,600/- (Rs. 24,000/- + 15% Service Tax)

Foreign Participants from

- * SAARC Countries : US \$ 690/- (US \$ 600/- + 15% Service Tax)
- * Other Countries : US \$ 1035/- (US \$ 900/- + 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 02, 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 Tuesday, August 15, 2017.

Check-out : 7.00 AM on Saturday, August 19, 2017.

Other Programmes Scheduled in August 2017

S. No.	Programme	Date	Coordinator
1.	Payment Systems – Delivery Channels and New Initiatives	02 – 04	Shri Katuri Srinivasa
2.	IT for Business Executives in Banks	07 – 09	Dr. M. V. Sivakumaran
3.	Workshop on Registration Authority Operations	17 – 18	Dr. N. P. Dhavale
4.	Data Security and Privacy	17 – 18	Dr. N. V. Narendra Kumar
5.	API Development	Aug 28 – Sep 01	Dr. V. Radha

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

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

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