



Remittance



Regulatory
Technology



Data Security



Loan
Syndication



Interbank
Transactions



Crypto Banking



Record Sharing
& Storage



Clearing &
Settlement



Increasing
Transparency



KYC/AML



Trade
Finance



Regulatory
Reporting



Serving The
Unbanked



Smart Contract
Enforcement

Online Programme on Blockchain Technology in Banking

December 15 – 17, 2020

(Online Course Duration 10 to 12 hours)

Coordinators

Dr Deepankar Roy

Dr Alka Vaidya



National Institute of Bank Management
Pune, India

Background

Blockchain is an innovative technology for the banking and financial sectors. It is serving as a decentralized and dispersed ledger for each, and every kind of transaction carried out through the peer to peer network. Banks and other financial institutions are practicing Blockchain to leverage the efficiencies for the future of the banking industry.

National Institute for Smart Government (NISG) India has prepared a draft strategy on Blockchain in December 2019 which will help define the ecosystem for distributed ledger technology and crypto currency in India. Through a National Permissioned Blockchain the Indian government can offer 'Trust as a Service' to a variety of decentralized applications and any number of permissioned Blockchain applications. The concept of a central bank digital rupee administered through a national permissioned Blockchain that can run decentralized applications and offers trust-as-a-service, was also mentioned in the report.

Reserve Bank of India (RBI) has approved the use of Sandbox environment for implementing and testing new technologies. The RBI lists Blockchain platforms along with mobile-based payment and digital identity software, data analytics, and artificial intelligence or machine learning applications. RBI currently allows banks to provide services to any customer dealing in cryptocurrencies.

Thus, it is imperative that the new innovative technologies like Blockchain are here to stay and they are likely to disrupt the banking and financial services industry in days to come.

Objectives

- To understand Blockchain Technology and its ecosystem within the Banking domain.
- To understand, which areas in banking are more suitable for Blockchain applications and how to deal with tech companies for such implementations.
- To learn, how banking industry worldwide is implementing this technology, through various case studies and examples.

Methodology

This programme will include conceptual discussion on various topics of Blockchain technology followed by case studies and deliberations facilitated by experts.

Content

Overview of Blockchain

- ❑ What is Blockchain, Understanding Blockchain Ledgers
- ❑ How do Blockchain Networks Work
- ❑ What are the Benefits of Blockchain Technology

Functioning of Blockchain

- ❑ Decentralization, Blockchain Architecture
- ❑ Components of the Blockchain Eco-System, Types of Blockchain
- ❑ Blocks, Wallets and Addresses, Cryptography & Blockchain Algorithms
- ❑ Consensus Mechanisms, Mining, Proof of Work, Proof of Stake, SMART Contracts
- ❑ Transaction execution & Distribution

Blockchain Disruption in Financial Services sector

- ❑ Blockchain in Banking, Advantages of Blockchain in Financial Services
- ❑ Strategy for Blockchain, When to use Blockchain & When not to use Blockchain
- ❑ Regulatory challenges in Blockchain Technology & Crypto currencies

Exploring the different Blockchain Platforms for Finance

- ❑ Stellar, Hyperledger Fabric, Hyperledger Indy
- ❑ Corda, Ethereum

Blockchain Use Cases in Banking

- ❑ Cross Border Payments, Clearing & Settlements
- ❑ Trade Finance, Syndicated Loans, Interbank Transactions
- ❑ KYC Identity, Access Management, Anti Money Laundering (AML)
- ❑ Smart Contracts, Mobile Money, Digital Currencies

Target Group

- ❖ This programme is designed for banking professionals, in all the above mentioned area of business. Bank's IT and Digital Banking department officials should also be nominated for this programme. This engagement of business and IT will facilitate joint development of solutions with deep understanding into banking processes with knowledge of Blockchain technology.
- ❖ Professionals working in above domains in NBFC's, Government Departments, Central Banks, Regulatory Institutions, FinTech companies, Consulting firms, etc. can also participate in an individual basis

Modalities

This online course will have 10 to 12 hours of engagement time spread over a maximum 3 days, which includes several self-paced study and live interactions of participants. The courseware will include the following:

- I. Reading material for self-study, Case study or exercise material and Online references
- II. Video sessions comprising of:
 - i. Recorded video sessions.
 - ii. Live video sessions by faculty or guest lecturers, for discussions, clarification of doubt, etc.

Participants enrolled to the programme will be provided with login id and password to enter into the learning management platform of the institute. Guidance will be provided for navigating through the various activities in the platform such as accessing courseware, viewing video sessions, participating in live sessions, etc.

Live session schedule will be provided at the start of the programme.

Executives attending the programme would need internet access on a desktop or laptop preferably with Google Chrome browser and Windows 10 platform to enable access to live and recorded sessions.

Completion Certificate

A completion certificate will be given to the participant at the end of the programme.

Nominations and Enquiries

Nominations are invited from both Institutions and Individuals from India and Abroad. Executives working in Banks/Financial Institution/Consulting Firms/Technology Firms in the Banking and Financial Services domain can apply for the programme in their individual capacity.

Please address your enquiries and nominations to:

Dr Deepankar Roy

Dr Alka Vaidya

Programme Coordinators

National Institute of Bank Management

NIBM Post Office, Kondhwe Khurd

Pune 411 048 (INDIA)

Tel. : 0091-20-26716000 (EPABX)

E-mail : d_roy@nibmindia.org

0091-20-26718283 (Mobile: +91 9890448546)

alka@nibmindia.org

0091-20-26716207, (Mobile : +91 9922902140)

Website : www.nibmindia.org

Last Date for Receiving Nominations: December 13, 2020

Programme Fee (per participant) for 10 to 12 hours programme

US \$ 500 for foreign participant

	Fee	GST	Fee+GST	TDS
Member Banks :	8400	1512	9912	840
Non-Member Banks :	10500	1890	12390	1050
Individual Nominee :	10500	1890	12390	----

The fee includes the cost of tuition, access to reading material and recorded videos, etc. (Central Goods and Services Tax (GST) @ 18%, and TDS @ 10%. Kindly send the TDS Certificate on priority to NIBM).

Mode of Payment for Indian Participants

- The fee may preferably be transferred by RTGS/NEFT/ECS to our A/c No. 20002400021 with Bank of Maharashtra, NIBM Branch, Pune (IFSC Code MAHB0001124). NIBM PAN No. AAATN0040P and GSTIN No. 27AAATN0040P1ZJ.
- National Institute of Bank Management
NIBM Post Office, Kondhwe Khurd, Pune 411 048, INDIA.

Mode of Payment for Foreign Participants

Mode of Remittance: SWIFT*

1. Name & Address of our Bankers : Oriental Bank of Commerce
C-2, Shop No. 4-5, Bramha Estate
Kondhwe Khurd, Pune 411 048
Maharashtra, India
2. Name of the Account : National Institute of Bank Management
3. NIBM's Bank Account No. with Oriental Bank of Commerce : Current A/C 11281131004402
4. Bank's Swift Code : ORBCINBBFCP
5. Oriental Bank of Commerce A/c No. with Correspondent Bank : 36152559
6. Preferred currency : USD
7. Correspondent Bank : CITIBANK N.A.
8. Swift code for Citi Bank : CITIUS33

*** The Foreign Bank Charges/ SWIFT charges/Commission is to be borne by the remitter. The fees mentioned in the invoice/brochure is to be paid to NIBM, net of all bank charges.**

***Payments will be accepted only through electronic mode.
Cheques/DDs/Pay Orders will not be accepted.**

- **For all electronic remittances, kindly send a confirmatory e-mail at: accounts@nibmindia.org giving details of the remitter and participant, name and dates of programme, etc.**