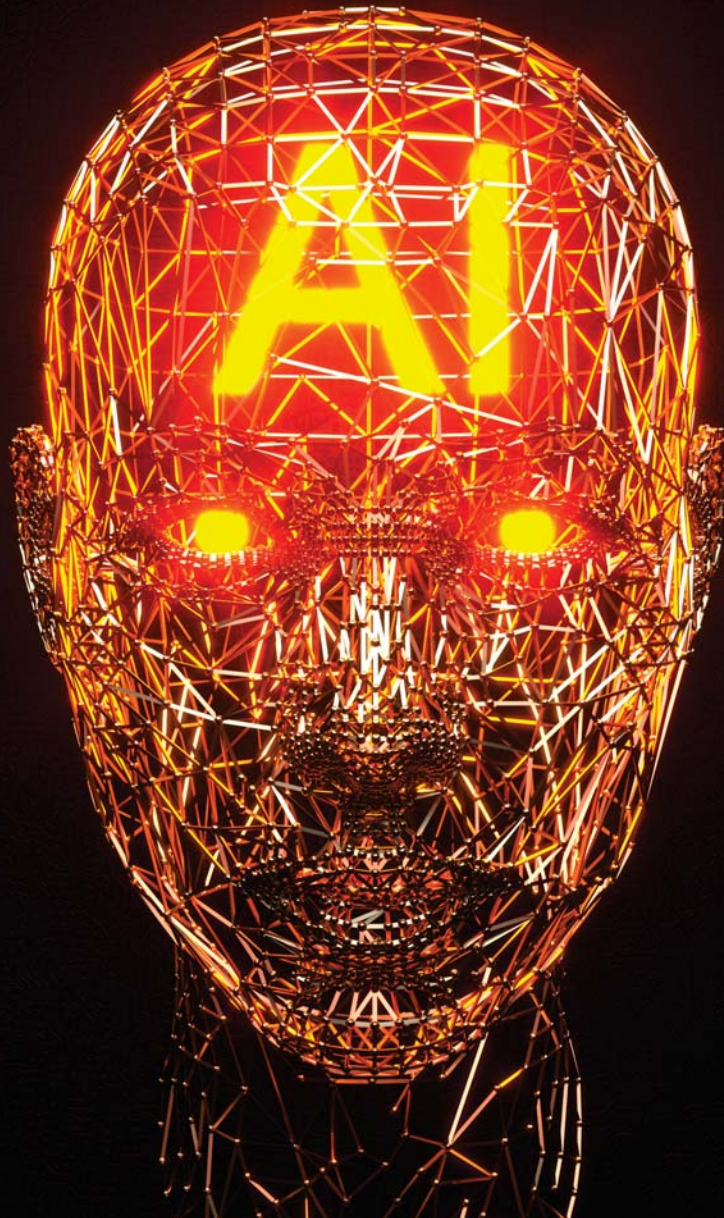


# Programme on **ADVANCED AI/ML IN BANKING**

Programme Coordinator: **Dr. V. Ravi**

**August 05 - 10, 2024 (Offline Mode)**



INSTITUTE FOR DEVELOPMENT AND RESEARCH IN  
BANKING TECHNOLOGY, HYDERABAD  
(ESTABLISHED BY RESERVE BANK OF INDIA)

## Introduction

AI/ML has a pervasive effect in service industries including banking. This field has revolutionized the way business is done in retail marketing and changed the face of all service industries. Banking also has witnessed irreversible changes in the way customer relationships are managed, operations are conducted and risks are mitigated. Data science subsuming AI/ML, big data analytics and social media analytics has solved important use cases in banking viz., customer acquisition, customer churn prediction, fraud detection, credit scoring, loan default prediction, sentiment analysis etc. While making significant inroads into these use case AI/ML has brought in mind boggling transformational changes in the way operations conducted directly with customer, spreading business outlets (branches, ATMs) to newer regions, ATM Cash replenishment, etc. Robotic process automation, chatbots are prime examples of the application of AI apart from the myriad of applications of ML as mentioned above. Network and information security also are also impacted by the onslaught of of AI/ML. Successful implementation of AI/ML and data science makes the digital journey of a bank complete, profitable, sustainable, safe and rewarding.

## Objectives

- ★ To make the participants aware of the new developments in this field and influence them to join the bandwagon for overall growth of the banking industry
- ★ To provide adequate and gentle introduction to the advanced areas of AI/ML, namely, Explainable AI (XAI), Adversarial ML, Federated Learning, Privacy Preserving ML and Reinforcement Learning
- ★ To convince the bankers with use cases, rigorous hands-on sessions, best practices and PoCs conducted at the Centre for AI and ML (formerly Centre of Excellence in Analytics), IDRBT

## Contents

- ★ Introduction to AI/ML
- ★ Introduction to Data Science (subsuming big data and social media analytics)
- ★ Introduction to Python programming
- ★ Rigorous hands-on sessions on the case studies in banking on the important problems of CRM, Fraud Risk prediction, Security and Operations covering the afore-mentioned new areas
- ★ Best practices, critical success factors, framework for AI/ML implementation in banks

## Who can Participate?

Officers and executives up to and including AGM level from analytics wing, credit department, digital banking, transaction banking, marketing, IT, Security, SOC.

## End Use

- ★ Participants shall be introduced gently to this exciting field, several concepts will be demystified
- ★ Participants will have basic understanding on the usefulness AI/ML & Data Science in every sphere of activity of banking
- ★ They can ask the vendors pertinent and pointed questions

## Fee Details

### Domestic Participants from

- ★ RRBs & Coop. Banks: Rs. 70,800/- (Rs. 60,000/- + 18% GST)
- ★ All other Banks & Fis: Rs. 92,040/- (Rs. 78,000/- + 18% GST)

The fees for our programmes can be remitted through NEFT and the bank account details for fee payment are here under:

Account Name : IDRBT  
Bank : Axis Bank Limited  
Branch : Humayun Nagar (Mehdipatnam Ring Road) Branch, Hyderabad  
Account Number : 426010100018823  
IFSC Code : UTIB0000426  
GSTIN : 36AAAAI0204K1Z4.

## Nominations

Nominations should be sent to us latest by **JULY 22, 2024** 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).

## Accommodation

Participants will be provided Air Conditioned Single Occupancy room at IDRBT, Hyderabad, with all cafeteria facilities. The Participants can check-in on the evening of one day before the programme and can check-out after completion of the programme on the same day (or) in the morning of the next day of the programme.

## Programmes Scheduled in August 2024

S. No.	Programme	Date	Coordinator
1	Intelligent Process Automation	05 - 09	Dr. Mridula Verma
2	Advanced AI/ML in Banking	05 - 10	Dr. V. Ravi
3	API Security and Governance	19 - 22	Dr. V. Radha
4	Data Centre Management and Virtualization	26 - 30	Dr. P. Syam Kumar

Please visit our website for more details at : <https://www.idrbt.ac.in/offline-programmes>.

## Contact Us

Please contact our Programme Office for organizing Customized Programmes and/or any other queries related to programmes at [program@idrbt.ac.in](mailto:program@idrbt.ac.in) or call us on +914023294121/22/24/25.



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