Programme on

END TO END IMPLEMENTATION OF
AI/ML IN BANKING

Programme Coordinator: **Prof. V. Ravi**

February 16 - 20, 2026

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

Introduction

AI/ML has a phenomenal impact on how business is conducted and operations are performed in a bank. 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, has solved important use cases in banking viz., customer acquisition, customer churn prediction, fraud detection, credit scoring, loan default prediction, sentiment analysis etc. Network and information security also are also impacted by the onslaught of AI/ML. Successful implementation of data science (AI/ML subsumed) makes the digital journey of a bank complete, profitable, sustainable, safe and rewarding.

However, the crunch issue not very often addressed is the end-to-end implementation of these advanced models right from the business problem definition, to data preparation to model building, evaluation and finally deploying the model so that the banks gets full benefit of the whole exercise. MLOPS developed and retrofitted on the lines of DevOps has some drawbacks, which will be discussed. The entire framework of CRISP-DM can be seamlessly retrofitted to the AI/ML strategy too because essentially, AI/ML models, apart from statistical methods, are the techniques employed for data mining purposes.

Objective

* To make the participants aware of the role played by AI/ML models for overall growth of the banking industry
* To provide adequate introduction to AI/ML, and CRISP-DM, MLOPS, Dockers, containers, Kubernetis
* To conduct rigorous hands-on sessions on the afore-mentioned use cases using the Kunernetis at the Centre for AI and ML (formerly Centre of Excellence in Analytics)

Contents

* Introduction to AI/ML
* Introduction to Data Science (subsuming big data and social media analytics)
* Introduction to Python programming, CRISP-DM, MLOPS, Dockers, containers, Kubernetis
* Rigorous hands-on sessions on the case studies in banking using the Kubernetis

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 implement AI/Ml models end-to-end, i.e. from data pre-processing to model building to deployment.

Programme Coordinator

Prof. V. Ravi, Professor; e-mail: vravi@idrbt.ac.in

Fee Details

Domestic Participants from
* RRBs & Coop. Banks : Rs. 50, 000 + Applicable GST
* All other Banks & Fis : Rs. 65, 000 + Applicable GST

The fees for the programme 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,Hyd.
Account Number : 426010100018823
IFSC Code   : UTIB0000426
GSTIN   : 36AAAAI0204K1Z4.

Nominations

Nominations may please be sent to us latest by **January 31, 2026** by email to *hunar@idrbt.ac.in.* Please note that no nominations will be accepted after this date. This measure is envisaged to further improve the quality and learning outcomes of the programme based on participants' profile and requirements.

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 accommodation at IDRBT, Hyderabad, with all cafeteria facilities. The Participants can check-in on the evening of the day before the commencement of 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.

Contact Us

Please contact our Programme Office for organising Customised Programmes and/or any other queries related to programmes at *hunar@idrbt.ac.in* or call us on +914023294121/61/63/64/65.

Forthcoming Programmes of February 2026

S. No.	Programme	Date	Coordinator
1.	Intelligent Process Automation	02 - 06	Prof. V. N. Sastry & Dr. Mridla Verma
2.	Application Security & Dev-Sec-Ops	04 - 06	Dr. Abhishek Thakur & Dr. Dipanjan Roy
3.	Quantum Computing	04 - 06	Dr. P. Syam Kumar
4.	Customer Identity and Digital Personal Data Protection Compliance for Banks and Financial Institutions	11 - 13	Prof. V. N. Sastry
5.	Innovations in Payment Systems	11 - 13	Dr. M. V. N. K. Prasad & Dr. Susmita Mandal
6.	End to End Implementation of AI/ML in Banking	16 - 20	Dr. V. Ravi
7.	Information Systems Controls & Audit	23 - 27	Dr. Dipanjan Roy
8.	AI/ML Red Flags: Challenges in Privacy, Security & Governance	23 - 27	Dr. Mridula Verma

Please visit our website for more details on programmes at
https://www.idrbt.ac.in/executive-development-programmes/