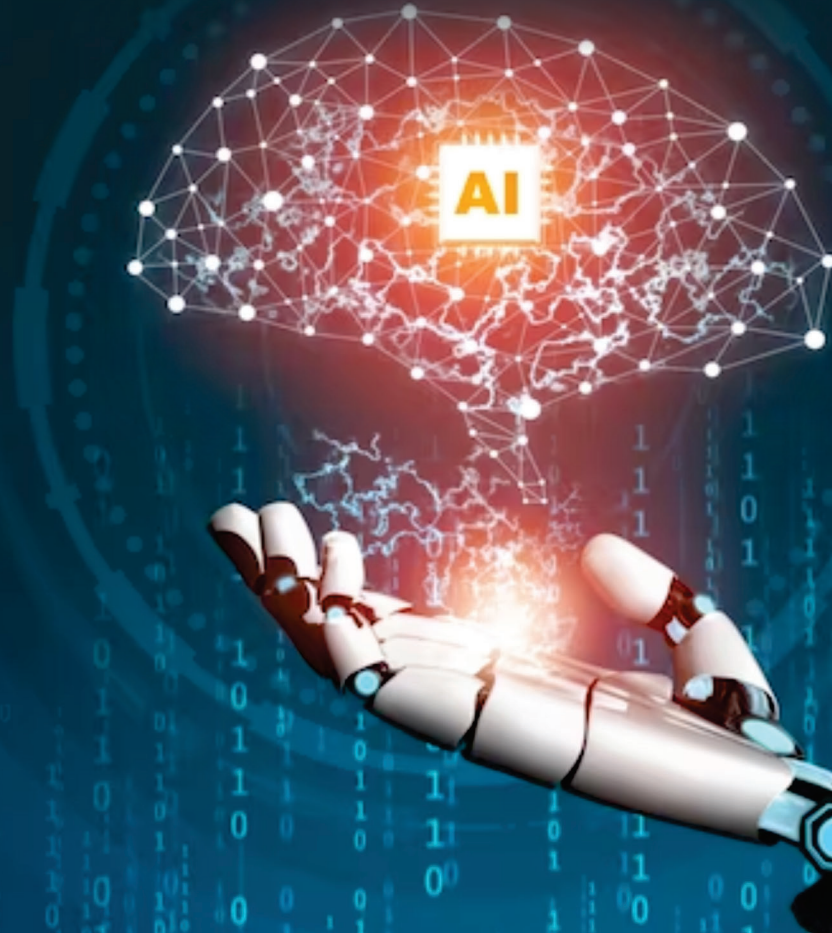


Programme on

# FRAUD ANALYTICS WITH AI/ML

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

**APRIL 22 - 27, 2024**  
(Offline Mode)



## Introduction

Frauds in banks spawn various divisions and activities. To mention a few:

Financial statement fraud, Fraud emanating from want only ignoring the poor quality of asset (operational risk), Fraud emanating from IT systems in banks (cyber frauds such as Phishing, spoofing, identity theft, etc.), Credit card cloning/fraud, Fraud from social engineering/shoulder surfing, etc., Fraud emanating from transactions/ATM cash replenishment, etc. While fraud is usually detected after it is perpetrated, it would be extremely useful if it is detected, red-flagged and prevented in near real-time.

## Objectives

This programme discusses various aspects of fraud in banking and finance. It also introduces various AI/ML models from ground-up and highlights the research studies conducted at IDRBT on fraud analytics through case studies. The programme also brings to the table the various advancements made in the industry through case studies and demos.

## Contents

- ★ Introduction to Fraud Detection through Analytics
- ★ Introduction to Analytics :Statistics
- ★ Introduction to Unified theory of Data Science and AI/ML
- ★ Introduction to Data Science Models
- ★ Rigorous Introduction to Python
- ★ Fraud Detection in Credit Cards –A Case Study
- ★ Fraud Detection in Financial Statement Fraud –A Case Study
- ★ Fraud Detection in Insurance Sector –A Case Study
- ★ Phishing Detection through Analytics –A Case Study
- ★ Few Case Studies from Indian Banks
- ★ Application of social network analysis for detecting fraud

## Who can Participate?

This is specifically meant for Officers and Executives (Manager/Senior Manager/Chief Manager/AGM/DGM) from Inspection, Risk Management, IT and analytics wings of Banks.

## End Use

Participants can utilize the theoretical and applied knowledge acquired in the training programme to predict various frauds and thereby reduce the fallout to a considerable extent.

## 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)

### Foreign Participants from

- ★ SAARC Countries: US\$ 1180/- (US\$ 1000/- + 18% GST)
- ★ All other Banks & Fis: US\$ 1770/- (US\$ 1500/- + 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 **April 16, 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.

## 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.

## Programmes Scheduled in April 2024

S. No.	Programme	Date	Coordinator
1	Workshop on Registration Authority Operations	15 - 16	Dr. N. P. Dhavale
2	IT Project and Partner (Vendor) Management	22 - 26	Dr. Abhishek Thakur
3	DevOps and Cloud Computing	22 - 26	Dr. P. Syam Kumar
4	Fraud Analytics with AI/ML	22 - 27	Dr. V. Ravi
5	Cyber Security Guidelines	24 - 26	Dr. Dipanjan Roy
6	Data Privacy and Security in Financial Services	29 - May 01	Dr. Susmita Mandal
7	Security Operations Centre	29 - May 01	Dr. V. Radha
8	Network Infrastructure Planning & Management	29 - May 01	Dr. Subhrendu C

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



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