

Programmes Scheduled in May 2023

S. No.	Programme	Date	Coordinator
1	Fraud Analytics with AI/ML	15 - 19	Dr. V. Ravi
2	Role of Micro Services in Developing Scalable Applications	22 - 24	Dr. V. Radha
3	Security in Cloud Computing	22 - 26	Dr. P. Syam Kumar
4	Workshop on Registration Authority Operations	29 - 30	Dr. N. P. Dhavale

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

Programme Office

Please contact our Programme Office for organizing Customized Programmes and/or any other queries related to programmes:

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Administrative Executive

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Fraud Analytics with AI/ML

Coordinator: **Dr. V. Ravi**

MAY 15 - 19, 2023



Fraud Analytics with AI/ML

May 15 - 19 2023

Coordinator: **Dr. V. Ravi**, Professor, IDRBT
e-mail: v ravi@idr bt.ac.in

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.

Objective

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. 59,000/- (Rs. 50,000/- + 18% GST)
- ★ All other Banks & FIs: Rs. 70,800/- (Rs. 60,000/- + 18% GST)

Foreign Participants from

- ★ SAARC Countries : US\$ 1180/- (US\$ 1000/- + 18% GST)
- ★ Other Countries : US\$ 1770/- (US\$ 1500/- + 18% GST)

The fees for our programmes can be remitted through NEFT and the bank account details for fee payment available at: <https://bit.ly/3PXGK35>.

Bank Account Details for Remittance of Fees

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 **MAY 09, 2023** by email to program@idr bt.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).

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 Sunday, May 14, 2023.

Check-out : 7.00 AM on Saturday, May 20, 2023.