



Institute for Development and Research in Banking Technology

(Established by Reserve Bank of India)

Castle Hills, Road No. 1, Masab Tank, Hyderabad-57, India.

e-Programme on

VIDEO ANALYTICS IN BANKING & FINANCE

February 23 - 26, 2021

Introduction

The availability of huge dataset and high performance computers lead the light to data analytics. Among the various data sources which contribute to terabytes of big data, video surveillance data is having much social relevance in today's world. For banks, video surveillance is used for monitoring corporate headquarters, individual branches, critical infrastructure buildings, ATMs, and parking lots. Continuous manual monitoring of hours of footage is difficult and tiresome. Artificial intelligence-backed video analysis software enables banks to overcome these and other challenges. Analysis of surveillance videos involves a series of modules like object recognition, action recognition and classification of identified actions into categories like anomalous or normal.

The aggregated video data across the branches might help in understanding the broader behavioral trends in order to optimize customer service, create more secure building layouts, generate better security protocols, and many more. For the financial institutions, these capabilities can save hundreds of thousands of man-hours each year and considerably improve loss prevention.

Objective

To demystify the basic concepts of Video analytics and its modules, discuss multiple use cases and success stories, and provide updates of new technological trends across other industries.

Contents

- Introduction to Video Analytics
- Basic concepts and latest advancements in different modules such as object recognition, action recognition, etc.
- Use cases of video analytics in Banking and Finance sector
- Demo with open-source tools

Mode of Teaching

Online teaching plus learning inputs through reading material, videos, webinars, assignments, quizzes, online interactions and clarifications. Each e-Programme will have four live webinars and course material will be made available in advance for study.

Who Can Participate?

A mix of Senior Executives (up to AGM level) and Junior Officers (up to SM level) from cross-functional areas like digital banking, marketing, planning, and IT Divisions.

End Use:

Participants would have a better understanding of basic concepts, use cases and potential technologies involved in Video analytics in banking as well as in other industries.

Programme Coordinator:

Dr. Mridula Verma, Assistant Professor, IDRBT;

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Fees:

For Indian Participants

- RRBs & Coop Banks: Rs. 8,850/- (Rs. 7,500/- + 18% GST)
- All Other Banks & FI's: Rs. 11,800/- (Rs. 10,000/- + 18% GST)

For International participants

- US \$ 175 (per participant, All inclusive)

Bank Account Details for Remittance of Fees

The fees for this e-programme can be remitted to the following accounts:

For Indian Participants

Account Name : IDRBT
Bank & Branch : Axis Bank Limited, Humayun Nagar, Mehdiapatnam, Hyderabad
Account No. : 426010100018823
MICR Code : 500211012
IFSC Code : UTIB0000426

For International participants

Receiver's Correspondent Bank : JP Morgan Chase, New York, USA
Swift Code : CHASUS33XXX
Fed Wire Routing Number : ABA 021000021
Beneficiary Bank & Branch : Axis Bank Ltd., Mumbai, India
Account Number : 0011407376
Beneficiary Bank Swift Code : AXISINBB

Ultimate Beneficiary

Account Name : IDRBT
Customer ID : 030021632
Account No. : 426010100018823
Bank & Branch : Axis Bank Ltd., Jubilee Hills, Hyderabad, India. (AXISINBB030)

Nominations

Banks may nominate any number of participants to these e-Programmes, which may be accepted on a first-cum-first-served basis. While nominating, please provide the details of the participants (Name, Designation, Bank, Mobile No/Phone No, email address, fees billing address, GST No. of the Bank).

Apart from nominations by banks, staff members of banks can self-nominate themselves for these e-Programmes by providing their employee credentials and paying the programme fee latest by **February 22, 2021**.

How to Register

The nominations for these e-Programmes, and queries if any, may please be sent to eprogram@idrbt.ac.in. Please visit <https://www.idrbt.ac.in/eprogrammes.html> for more details about these programmes.

e-Programmes in February 2021

S. No.	Name of the e-Programme	e-Programme Date	e-Programme Coordinator	Last Date for Nomination
1	Automated Testing of Software Applications	Feb 02 - 05, 2021	Dr. V. Radha	Feb 01, 2021
2	Security in Cloud Computing	Feb 02 - 05, 2021	Dr. P. Syam Kumar	Feb 01, 2021
3	Introduction to Doorstep Banking	Feb 09 - 12, 2021	Dr. M. V. N. K. Prasad	Feb 08, 2021
4	5G and Internet of Things for Banks	Feb 09 – 12, 2021	Dr. V. N. Sastry	Feb 08, 2021
5	Re-envisioning Digital Banking Systems	Feb 15 – 18, 2021	Dr. Susmita Mandal	Feb 14, 2021
6	Detection of Residual Cyber Attacks	Feb 16 – 19, 2021	Dr. B. M. Mehtre	Feb 15, 2021
7	Workshop on RA Operations	Feb 16 – 19, 2021	Dr. N. P. Dhavale	Feb 15, 2021
8	RBI Guidelines on Cyber Security	Feb 22 – 25, 2021	Dr. Dipanjan Roy	Feb 21, 2021
9	Video Analytics in Banking & Finance	Feb 23 – 26, 2021	Dr. Mridula Verma	Feb 22, 2021
10	Recent Cyber Crimes and Defences	Feb 23 – 26, 2021	Dr. Rajarshi Pal	Feb 22, 2021