

Other Programmes Scheduled in August 2019

| S. No. | Programme | Date | Coordinator |
|--------|--|---------|---------------------------|
| 1. | Banking Technologies | 05 – 09 | Dr. Rajarshi Pal |
| 2. | API Development | 05 – 09 | Dr. V. Radha |
| 3. | IT Operational Risk Management | 19 – 21 | Dr. N. P. Dhavale |
| 4. | Mobile Banking Security and Testing | 19 – 23 | Dr. V. N. Sastry |
| 5. | Payment Systems Current Trends & New Initiatives | 26 – 28 | Dr. N. V. Narendra Kumar |
| 6. | Banking Application – Lifecycle Management | 26 – 28 | Dr. Abhishek Kumar Thakur |

Please visit our website for more details on programmes at : www.idrbt.ac.in/upcoming.html

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, August 04, 2019.

Check-out : 7.00 AM on Wednesday, August 07, 2019.

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.

Programme Office

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

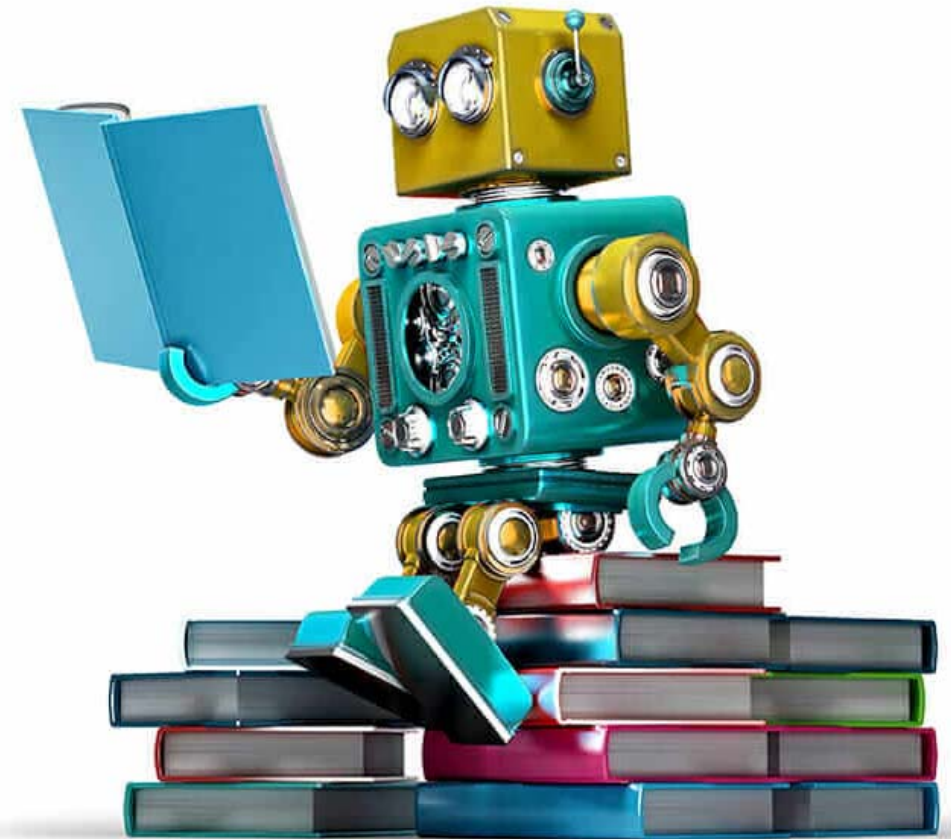
Dr. M. V. Sivakumaran
Senior Domain Expert and Coordinator - EEDP

Mr. K. Srinivas
Administrative Executive

Programme on Machine Learning, Deep Learning

Coordinator: Prof. V. Ravi

AUGUST 05 – 06, 2019



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Machine Learning, Deep Learning

August 05 – 06, 2019

Coordinator: Prof. V. Ravi, Professor, IDRBT

e-mail: vravi@idrbt.ac.in

Introduction

Nowadays, every major business heavily depends on data driven technology. Data generating rates are increasing exponentially for the last few years. So analyzing data, making decision based on data become very important in this competitive world. Deep learning is a better solution for analyzing data compared to traditional machine learning if data is unstructured (images, text, audio). Deep Learning is a sub-field of machine learning concerned with algorithms inspired by the structure and function of the brain called artificial neural networks. Deep learning has been applied successfully on many real world problems like automatic question answering (chatbot), image classification, video object detection, sentiment analysis, speech recognition, medical image analysis, security threat detection, network intrusion detection, stock price prediction etc.

In Banking and Finance deep learning has a great scope. Deep learning can solve many challenges of banks. These are some important challenges that deep learning can solve:

- ★ Fraud detection and weeding out false positive result.
- ★ Bank ATM monitoring using CCTV and detecting malicious activity in video using object detection and activity recognition.
- ★ Banking Complaint Sentiment analysis
- ★ Customer segmentation
- ★ Automatic Cheques figure, number, amount detection and fake ink detection.
- ★ Automatic customer's question answering using chatbot.
- ★ Customer churn prediction
- ★ Loan demand and revenue balance prediction.

Objectives

- ★ To provide the bankers an introduction to machine learning, concepts of deep learning architectures and applications.

Contents

- ★ Introduction to Data Mining and CRM
- ★ Introduction to Text Analytics
- ★ Overview of Statistical Models
- ★ Introduction to Machine Learning
- ★ Introduction to Deep Learning Algorithms 1&2

- ★ Case studies of Deep Learning in Banking
 - Credit Card Fraud detection
 - Default prediction
 - Sentiment Analysis on Customer complaints
 - Churn Prediction
 - Chatbot development
 - Robotic Process Automation
- ★ Case Study on Deep Learning from ICICI Bank
- ★ Case Study on Deep Learning from Axis Bank/HDFC

Who Can Participate?

IT executives, Marketing Executives up to AGM level

End Use

To be used by marketing, business development, planning and IT divisions or simply CRM divisions in achieving better CRM.

Fee Details

Domestic Participants from

- ★ RRBs & Coop Banks : Rs. 16,520/- (Rs. 14,000/- + 18% GST)
- ★ All other Banks & FIs: Rs. 21,240/- (Rs. 18,000/- + 18% GST)

Foreign Participants from

- ★ SAARC Countries : US \$ 472/- (US \$ 400/- + 18% GST)
- ★ Other Countries : US \$ 708/- (US \$ 600/- + 18% GST)

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

Nominations

Nominations should be sent to us latest by **July 22, 2019** by email to 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).

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>