

Other Programmes Scheduled in October 2018

| S. No. | Programme | Date | Coordinator |
|--------|--|-----------------|--------------------------|
| 1. | Secure Web Application Development | 08 – 10 | Dr. Rajarshi Pal |
| 2. | Big Data Analytics with Hadoop and Spark for Banks | 22 – 27 | Dr. V. Ravi |
| 3. | Technologies for Financial Inclusion | 29 – 31 | Dr. M. V. N. K. Prasad |
| 4. | Payment Systems - Current Trends & New Initiatives | 29 – 31 | Dr. N. V. Narendra Kumar |
| 5. | Vulnerability Analysis and Penetration Testing for Cyber Defence | Oct 29 – Nov 02 | Dr. B. M. Mehtre |

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

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:

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Senior Domain Expert and Coordinator - EEDP

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Programme on

API Development

Coordinator: Dr. V Radha

OCTOBER 22 – 26, 2018



API Development

October 22 – 26, 2018

Coordinator: **Dr. V. Radha**, Assistant Professor, IDRBT

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Introduction

APIs are entry points or programming artefacts to access a business functionality. They help complete complex processes that are dependent on the business processes of other organisations. APIs are enablers of Straight Through Processing, alleviating the need for cumbersome insecure file upload and download. Banks have been using the APIs (Application Programming Interfaces) offered by agencies like AADHAR and NPCI. However, banks may have to open up their APIs such that other businesses can easily develop applications weaving their bank inside their business processes. Web services technology represents an important way for businesses to communicate with each other. While web services (REST) are programmatic interfaces, XML and JSON are the languages that define the data transmitted between the applications. This program focusses on how to design and deploy APIs using latest technologies available.

Objective

To bring awareness about API development. Discuss and demonstrate the simplicity and power of the technologies like XML, JSON, REST etc. with Hands-on labs.

Contents

- * SOA – Introduction
- * Introduction to Middleware
- * Introduction to Micro Services
- * Mark-up Languages – Introduction
- * XML, XSD, XBRL etc
- * JSON
- * Designing SOAP based APIs
- * Designing REST based APIs

End Use

Participants would be able to appreciate the power of API; can ensure better design, development, management and seamless integration of APIs, into internal and external business processes.

Who Can Participate?

Developers as well as officers in IT function involved in design, deployment and maintenance of information systems

Level of Participants: From Scale I to IV

Faculty

Faculty of IDRBT, Guest Speakers from the Industry & Practitioners.

Fee Details

Domestic Participants from

- * RRBs & Coop Banks : Rs. 38,350/- (Rs. 32,500/- + 18% GST)
- * All other Banks & FIs: Rs. 50,150/- (Rs. 42,500/- + 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: <http://bit.ly/PAYFEES>.

Nominations

Nominations should be sent to us latest by **October 08, 2018** by email to program@idrbt.ac.in

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, October 21, 2018.

Check-out : 7.00 AM on Saturday, October 27, 2018.