

### Other Programmes Scheduled in June 2019

S. No.	Programme	Date	Coordinator
1.	Convergence of IoT, Big Data and Cloud Computing Technologies for Smart Banking	03 – 07	Dr. P. Syam Kumar
2.	Website Security	10 – 12	Dr. Rajarshi Pal
3.	Structured Financial Messaging Systems	10 – 14	Dr. N. V. Narendra Kumar
4.	Workshop on Registration Authority Operations	17 – 18	Dr. N. P. Dhavale

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

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

**Mr. K. Srinivas**  
Administrative Executive

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Programme on

# API Development

Coordinator: **Dr. V Radha**

**JUNE 24 – 28, 2019**



## API Development

June 24 – 28, 2019

Coordinator: **Dr. V. Radha**, Assistant Professor, IDRBT  
e-mail: [vradha@idrbt.ac.in](mailto:vradha@idrbt.ac.in)

### 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 consuming the APIs (Application Programming Interfaces) offered by agencies like Aadhaar 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.

### Objectives

- ★ To bring awareness about API development
- ★ To 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.

### Faculty

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

### 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

### 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 **JUNE 10, 2019** 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).

### 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, June 23, 2019.

**Check-out** : 7.00 AM on Saturday, June 29, 2019.