

Other Programmes Scheduled in January 2020

S. No.	Programme	Date	Coordinator
1.	Data Centre Management	06 – 08	Dr. P. Syam Kumar
2.	Early Warning Systems with Analytics	06 – 08	Dr. V. Ravi
3.	Cyber Defence for Banks	06 – 10	Dr. Rajarshi Pal
4.	Workshop on Registration Authority Operations	20 – 21	Dr. N.P. Dhavale
5.	Data Science in Banking and Finance	29 – 31	Dr. Mridula Verma

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:

Shri B. Shandilya

Senior Domain Expert and Coordinator - EEDP

Mr. K. Srinivas

Administrative Executive

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Secure Coding Practices

Coordinator: **Dr. V. Radha**

January 20 – 24, 2020



Secure Coding Practices

January 20 – 24, 2020

Coordinator: Dr. V. Radha, Associate Professor, IDRBT
e-mail: vradha@idrbt.ac.in

Introduction

With lots of digitisation around, banks are under stress to open APIs, develop new Applications for customers as well as employees around their core banking. Building new apps around core banking without proper understanding of OWASP top 10 security vulnerabilities like SQL Injection, Remote Code Execution etc might put the bank in higher risk zone. Whether the bank develops the application on its own or buys it, it is advisable for the bankers to understand the OWASP vulnerabilities, how do they manifest and what are the remedial measures. For majority of the attacks, bad programming is the sole source of problem. Security experts deploy remedial measures across the entire enterprise network stack right from Web application firewalls, to end-point security. It is like making the outer wall stronger to secure the weak inner applications. Majority of these solutions are not needed if the programs are written with security in mind.

Objective

To bring awareness about OWASP top 10. Discuss and demonstrate the remedial measures; Automated testing of applications; Code Scanning and Code Analysis.

Contents

- * OWASP Top-10 – Overview
- * PKI for Information Security in Banking Services
- * SSL
- * Web Application Security
- * Cross Site Scripting and Remedial Measures
- * Database Security
- * SQL Injection and Remedial Measures
- * Remote Code Execution – Buffer Overflow Attacks and Remedial Measures
- * Session Hijacking and Remedial Measures
- * Insecure Authentication and Remedial Measures
- * Insecure Data Storage and Remedial Measures
- * Weak Encryption and Remedial Measures
- * Testing Overview
- * Automated Testing Tools

End Use

Participants would be able to appreciate the RCA of vulnerabilities and act accordingly to strengthen the overall IT environment in all its dimensions: Data, Applications and Technologies.

Who Can Participate?

Developers, Inspection officials 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. 41,300/- (Rs. 35,000/- + 18% GST)
- * All other Banks & FIs: Rs. 53,100/- (Rs. 45,000/- + 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: <http://bit.ly/PAYFEES>.

Nominations

Nominations should be sent to us latest by **January 06, 2020** 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>

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, January 19, 2020.

Check-out : 7.00 AM on Saturday, January 25, 2020.