

Other Programmes Scheduled in November 2018

S. No.	Programme	Date	Coordinator
1.	Cloud Security and Privacy	12 – 16	Dr. P. Syam Kumar
2.	Registration Authority Operations	26 – 27	Dr. N. P. Dhavale
3.	Website Security	26 – 28	Dr. Rajarshi Pal
4.	Building Blocks of SOA & WOA	26 – 30	Dr. V. Radha

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:

Dr. M. V. Sivakumaran

Senior Domain Expert and Coordinator - EEDP

Mr. K. Srinivas

Administrative Executive

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Secure Coding Practices

Coordinator: Dr. V. Radha

November 12 – 16, 2018



Secure Coding Practices

November 12 – 16, 2018

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

e-mail: vradha@idrbt.ac.in

Introduction

With increasing 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. None of these solutions is 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. 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)

Nominations

Nominations should be sent to us latest by **October 29, 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, November 11, 2018.

Check-out : 7.00 AM on Saturday, November 17, 2018.