

### Other Programmes Scheduled in October 2018

S. No.	Programme	Date	Coordinator
1.	Secure Web Application Development	08 – 10	Dr. Rajarshi Pal
2.	API Development	22 – 26	Dr. V. Radha
3.	Big Data Analytics with Hadoop and Spark for Banks	22 – 27	Dr. V. Ravi
4.	Technologies for Financial Inclusion	29 – 31	Dr. M. V. N. K. Prasad
5.	Payment Systems - Current Trends & New Initiatives	29 – 31	Dr. N. V. Narendra Kumar

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

Institute for Development and Research in Banking Technology  
 Castle Hills, Road No. 1, Masab Tank, Hyderabad - 500 057, India.

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# Vulnerability Analysis and Penetration Testing for Cyber Defence

Coordinator: **Prof. B. M. Mehtre**

**OCTOBER 29 – NOVEMBER 02, 2018**



# Vulnerability Analysis and Penetration Testing for Cyber Defence

October 29 – November 02, 2018

Coordinator: Prof. B. M. Mehtre, IDRBT

e-mail: [bmmehetre@idrbt.ac.in](mailto:bmmehetre@idrbt.ac.in)

## Introduction

All internet facing applications must be checked for their vulnerabilities or weaknesses in their design, deployment and operation. This is a requirement and has to be repeated at regular intervals. After checking for the vulnerabilities in the system, they need to be tested by penetration testing, to assess the extent of damage that can happen due to the identified vulnerabilities. This process is highly complex and technical.

## Objectives

- ★ To demystify VAPT Process
- ★ To help understand reports generated in VAPT
- ★ To help identify and close action points of VAPT

## Contents

- ★ Introduction of Cyber Security
- ★ Introduction to VA and PT
- ★ Introduction to Network Traffic and Packet Analysis
- ★ Hands-on Experience – Network Traffic Analysis
- ★ Web applications and Malware Analysis
- ★ Planning, Scoping of VA and PT
- ★ Hands-on for Vulnerability Analysis
- ★ Exploitation of Web Application and hands-on
- ★ Red Team and Blue Team exercise

## Who Can Participate?

- ★ Bank officials in IT Department
- ★ Desirable to have IT Background
- ★ Knowledge of fundamentals on Computer Networks, Application development and security desirable
- ★ **Level:** Scale I to IV.

## End Use

The participants will be able to

- ★ Understand VAPT and the reports generated after VAPT in your bank
- ★ Ask right questions, identify action points and closure of VAPT cycle.

## 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 15, 2018** by email to [program@idrbt.ac.in](mailto: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 28, 2018.

**Check-out** : 7.00 AM on Saturday, November 03, 2018.