

Other Programmes Scheduled in October 2017

S. No.	Programme	Date	Coordinator
1.	Building Digital Payment Interfaces through UPI	03 – 04	Dr. N. V. Narendra Kumar
2.	Social Media Analytics for Banks	09 – 11	Prof. V. Ravi
3.	Technologies for Financial Inclusion	09 – 11	Dr. M. V. N. K. Prasad
4.	Network Security	23 – 27	Dr. V. Radha
5.	Database Systems Performance Tuning in Big Data Era	Oct 30 – Nov 01	Dr. S. Nagesh Bhattu
6.	Mobile Application Development for Banks	Oct 30 – Nov 03	Dr. N. P. Dhavale

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

Programme Office

Please contact our Programme Office for organizing Customized Programmes and/or any other queries related to programmes:

Dr. M. V. Sivakumaran

Faculty 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.

Phone: +91-40-2329 4121 Fax: +91-40-2329 4123

Web: www.idrbt.ac.in E-mail: program@idrbt.ac.in

Vulnerability Analysis and Penetration Testing for Cyber Defence

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

OCTOBER 30 – NOVEMBER 03, 2017



Vulnerability Analysis and Penetration Testing for Cyber Defence

October 30 – November 03, 2017

Coordinator: Prof. B. M. Mehtre, IDRBT
e-mail: 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. 35,400/- (Rs. 30,000 + 18% GST)
- ★ All other Banks & FIs: Rs. 47,200/- (Rs. 40,000 + 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 **October 16, 2017** 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 29, 2017.

Check-out : 7.00 AM on Saturday, November 04, 2017.