

## Cyber Defence for Banks

September 04 – 08, 2017

Coordinator: **Dr. Rajarshi Pal**, Assistant Professor, IDRBT

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

### Introduction

Banks have increasingly become targets for cyber attacks as the criminals eye for financial gain. The attackers target banks infrastructure. Recent years have seen a series of malware based attacks like crypto-ransomware and attacks on SWIFT infrastructure. DDoS is also envisaged as a emerging threat for banks. There are attacks exploiting customers too. Examples include phishing/vishing scams or exploiting vulnerabilities of the devices that customers are using. Hence, banks are required to adopt manifold strategies to combat cyber attacks. At one hand, they have to embrace new technologies to protect their infrastructure. On the other side, they have to take awareness initiatives for their employees and customers.

### Objective

The objective of this program is to enlighten the participants with the knowledge of cyber defence. In turn, it will help banks to strengthen their cyber security posture. The five-day program aims to cover several aspects of cyber security and cyber forensics. A little bit knowledge of relevant clauses of IT Acts also help participants to understand their position in the techno-legal scenario that arises due to cyber attacks.

### Contents

- \* Cryptography and HTTPS
- \* Malware analysis
- \* Defense against APTs
- \* Web Application Security
- \* Defence against DDoS
- \* Phishing and countermeasures
- \* Transaction analysis
- \* Authentication techniques
- \* Security Operations Center
- \* VAPT
- \* Mobile Banking Security
- \* Cyber Forensics
- \* Legal coverage under IT Acts

### End Use

The program will strengthen the participants in cyber security. They will be able to deploy appropriate technologies and strategies to counter cyber threats.

### Who Can Participate?

Staffs from IT department and/or CISO office of banks can attend the program.

### Faculty

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

### Fee Details

#### Domestic Participants from

- \* RRBs & Coop Banks : Rs. 34,500/- (Rs. 30,000/- + 15% Service Tax)
- \* All other Banks & FIs: Rs. 46,000/- (Rs. 40,000/- + 15% Service Tax)

#### Foreign Participants from

- \* SAARC Countries : US \$ 1150/- (US \$ 1000/- + 15% Service Tax)
- \* Other Countries : US \$ 1725/- (US \$ 1500/- + 15% Service Tax)

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 **August 21, 2017** 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, September 03, 2017.

**Check-out** : 7.00 AM on Saturday, September 09, 2017.

### Other Programmes Scheduled in August 2017

S. No.	Programme	Date	Coordinator
1.	Big Data Analytics With Hadoop and Spark For Banks	04 – 08	Prof. V. Ravi
2.	Mobile Banking Security and Testing (MBSAT)	11 – 15	Prof. V. N. Sastry
3.	Information Systems Control and Audit	11 – 15	Dr. M.V. Sivakumaran
4.	6 <sup>th</sup> International Programme on Information Assurance and Management	13 – 23	Dr. B. M. Mehtre
5.	Security Operations Centre	18 – 20	Dr. V. Radha
6.	Letters of Credit, Bank Guarantees & Payment Systems Products using SFMS	18 – 22	Dr. N. V. Narendra Kumar
7.	Cloud Adoption Strategies for Banks	25 – 27	Dr. P. Syam Kumar

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

**6<sup>th</sup> International Programme on  
Information Assurance and Management  
at IDRBT and State University of New York, Bufflao, USA**

**September 13 – 23, 2017**

Last Date for Nominations: **June 30, 2017**  
Early Bird Discount for Nominations made before **June 15, 2017**  
For more information, please contact Prof. B.M. Mehtre at [bmmehetre@idrbt.ac.in](mailto:bmmehetre@idrbt.ac.in)

### 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](http://www.idrbt.ac.in) E-mail: [program@idrbt.ac.in](mailto:program@idrbt.ac.in)

Programme on

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