



Institute for Development and Research in Banking Technology

(Established by Reserve Bank of India)

Castle Hills, Road No. 1, Masab Tank, Hyderabad-57, India.

e-Programme on **TARGETED ATTACKS – DETECTING IN EARLY STAGES** **AUGUST 24 – 27, 2021**

Introduction

Targeted attacks are well planned attacks and hard to detect and neutralise. Such attacks are also called as advanced persistent attacks (APTs).

In this program targeted attacks and their detection will be discussed.

APTs are advanced forms of malware and detecting such attacks at an early stage of the attack is very critical. Monitoring or surveillance of such malware is a key function of the cyber security operation center.

Objective

- Introduction to APTs
- Review of existing detection techniques
- Recent trends in APTs surveillance
- Hands On Exercise/Assignment

Contents

- Introduction to APTs
- Automated Surveillance Techniques
- Detection of Advanced persistent threats

Mode of Teaching

Online teaching plus learning inputs through reading material, videos, webinars, assignments, quizzes, online interactions and clarifications. Each e-Programme will have 4 live webinars and course material will be made available in advance for study.

Who Can Participate?

Professionals operating and managing cyber security operations center, of professions identified to work in C-SOC.

End Uses:

- APTs/ malware detection at an early stage
- Mitigation of cyber attacks
- To make SOC management smarter

Programme Coordinator:

Dr. B. M. Mehtre, Professor, IDRBT

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Fees:

For Indian Participants

- RRBs & Coop Banks: Rs. 8,850/- (Rs. 7,500/- + 18% GST)
- All Other Banks & FI's: Rs. 11,800/- (Rs. 10,000/- + 18% GST)

For International participants

- US \$ 175 (per participant, All inclusive)

Bank Account Details for Remittance of Fees

The fees for this e-programme can be remitted to the following accounts:

For Indian Participants

Account Name : IDRBT
Bank & Branch : Axis Bank Limited, Humayun Nagar, Mehdiapatnam, Hyderabad
Account No. : 426010100018823
MICR Code : 500211012
IFSC Code : UTIB0000426

For International participants

Receiver's Correspondent Bank : JP Morgan Chase, New York, USA
Swift Code : CHASUS33XXX
Fed Wire Routing Number : ABA 021000021
Beneficiary Bank & Branch : Axis Bank Ltd., Mumbai, India
Account Number : 0011407376
Beneficiary Bank Swift Code : AXISINBB

Ultimate Beneficiary

Account Name : IDRBT
Customer ID : 030021632
Account No. : 426010100018823
Bank & Branch : Axis Bank Ltd., Jubilee Hills, Hyderabad, India. (AXISINBB030)

Nominations

Banks may nominate any number of participants to these e-Programmes, which may be accepted on a first-cum-first-served basis. While nominating, please provide the details of the participants (Name, Designation, Bank, Mobile No/Phone No, email address, fees billing address, GST No. of the Bank).

Apart from nominations by banks, staff members of banks can self-nominate themselves for these e-Programmes by providing their employee credentials and paying the programme fee latest by **AUGUST 23, 2021**.

How to Register

The nominations for these e-Programmes, and queries if any, may please be sent to eprogram@idrbt.ac.in. Please visit <https://www.idrbt.ac.in/eprogrammes> for more details about these programmes.

e-Programmes in AUGUST 2021

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	IT Project Management	02 – 05	Dr. Abhishek Thakur	Aug 01, 2021
2	Technologies for Financial Inclusion	03 – 06	Dr. M. V. N. K. Prasad	Aug 02, 2021
3	IT Vendor Management	03 – 06	Dr. N. P. Dhavale	Aug 02, 2021
4	Recent Cyber Crimes and Defences	09 – 12	Dr. Rajarshi Pal	Aug 08, 2021
5	Mobile Banking, Social Media Banking and Mobile Application Security Testing	10 – 13	Dr. V. N. Sastry	Aug 09, 2021
6	Introduction to Fraud Analytics	10 – 13	Dr. V. Ravi	Aug 09, 2021
7	Security in Cloud Computing	23 – 26	Dr. P. Syam Kumar	Aug 22, 2021
8	Proactive Cyber Defence Strategies	24 – 27	Dr. Dipanjan Roy	Aug 23, 2021
9	Targeted Attacks – Detecting in Early Stages	24 – 27	Dr. B. M. Mehtre	Aug 23, 2021
10	Security Operations Centre	Aug 30 – Sep 02	Dr. V. Radha	Aug 29, 2021
11	Smart Banking with AI and ML	Aug 31 – Sep 03	Dr. Mridula Verma	Aug 30, 2021
12	Secure Financial Infrastructure	Aug 31 – Sep 03	Dr. Susmita Mandal	Aug 30, 2021