



# Institute for Development and Research in Banking Technology

(Established by Reserve Bank of India)

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

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e-Programme on

## CYBER SECURITY FOR REMOTE WORKING SCENARIO

November 23 – 26, 2021

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### Introduction

The need of permitting 'remote working' was felt by the banks and other financial organizations during the pandemic. Several organizations may still be adopting this practice for portions of their work forces. Though it reduces the human risk for the individuals or the teams getting exposed to the virus, it increases cyber risk manifold. Increased attempts of various kinds of cyber-attacks have been observed in past one year to exploit the remote working scenario. The organizations need to adopt reasonable practices to bolster its cyber defence by considering the emergent situation. At this point, this e-programme has been designed to share the best cyber security practices in this context.

### Objective

The objective of this program is to share the relevant cyber security best practices with the concerned teams of banks, so that they can take necessary steps to protect their organizations and remote work forces.

### Contents

The e-Programme will cover the technologies, which enable a secure remote working environment. It will cover the aspects of safeguarding the data, the remote work environment, the communication between the remote end-point and the banks' systems, and the internal IT assets of banks. Some of the topics, which will be touched upon, are as following:

- VPN/Remote Desktop Access/Identity-Aware Proxy
- Securing Remote Devices and Users
- Securing Communication
- Preparing On-Prem IT for Assumed Breach Scenario

### Mode of Teaching

The program will have four live webinars. One webinar will be held at each day of the program. Duration of each webinar will be one hour. Additional study materials will be made available in the form of text and video lectures. Participants can go through those materials offline.

### Who Can Participate?

Staffs from IT/ Cyber Security/SOC/Audit/Inspection teams of banks and other financial organizations (across all levels in the hierarchy) can participate in this program.

### End Use:

Participants will have a better understanding about the required technologies to adopt a secure remote working environment. This, in turn, will help the organizations to improve their cyber defence and more specifically, a better management of cyber risks arising from emergent work from home model. Organizations will be prepared better to deal with any such situation in future too.

### Programme Coordinator:

**Dr. Rajarshi Pal**, Assistant Professor, IDRBT; e-mail: [prajarshi@idrbt.ac.in](mailto:prajarshi@idrbt.ac.in)

### 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 **November 22, 2021**.

## How to Register

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

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### e-Programmes in November 2021

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	Blockchain and Distributed Ledger Technology	08 – 11	Dr. N. V. Narendra Kumar	Nov 05, 2021
2	Introduction to Authentication Techniques	09 – 12	Dr. M.V.N.K. Prasad & Dr. N.P. Dhavale	Nov 08, 2021
3	Secure Financial Infrastructure	09 – 12	Dr. Susmita Mandal	Nov 08, 2021
4	5G & Internet of Things (IoT) for Banks	15 – 18	Dr. V. N. Sastry	Nov 12, 2021
5	Introduction to Technologies for Customer Lifecycle Management	15 – 18	Dr. V. Ravi	Nov 12, 2021
6	Proactive Cyber Defence Strategies	16 – 19	Dr. Dipanjan Roy	Nov 15, 2021
7	Data Centre Management	22 – 25	Dr. P. Syam Kumar	Nov 19, 2021
8	Cyber Security for Remote Working Scenario	23 – 26	Dr. Rajarshi Pal	Nov 22, 2021
9	Dark Web Monitoring for Threat Intelligence	23 – 26	Dr. B. M. Mehtre	Nov 22, 2021
10	Emerging AI/ML Technologies	Nov 30 – Dec 03	Dr. Mridula Verma	Nov 29, 2021
11	Security Operations Centre	Nov 30 – Dec 03	Dr. V. Radha	Nov 29, 2021

### e-Programmes in December 2021

S. No.	Name of the e-Programme	Date	e-Programme Coordinator	Last Date for Nomination
1	Re-imagining Customer Engagement with Conversational Chatbots	06 – 09	Dr. Mridula Verma	Dec 03, 2021
2	Awareness on Payment Systems Vision 2021	06 – 09	Dr. N.V.Narendra Kumar	Dec 03, 2021
3	Explainable AI/ML for Banking	06 – 09	Dr. V. Ravi	Dec 03, 2021
4	Introduction to Hardware Security for Banks	07 – 10	Dr. Dipanjan Roy	Dec 06, 2021
5	Technologies for Financial Inclusion	14 – 17	Dr. M. V. N. K. Prasad	Dec 13, 2021
6	Security in Cloud Computing	14 – 17	Dr. P. Syam Kumar	Dec 13, 2021

7	Workshop on Registration Authority Operations	20 – 23	Dr. N. P. Dhavale	<b>Dec 17, 2021</b>
8	Privacy and Security Risks in Machine Learning	21 – 24	Dr. Rajarshi Pal	<b>Dec 20, 2021</b>
9	Targeted Attacks - Detecting in early stages	21 – 24	Dr. B. M. Mehtre	<b>Dec 20, 2021</b>
10	API Development	27 – 30	Dr. V. Radha	<b>Dec 24, 2021</b>
11	Basics of IT Vendor Management	28 – 31	Dr. Abhishek Thakur	<b>Dec 27, 2021</b>

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