



# 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 SECURITY IN CLOUD COMPUTING AUGUST 23 – 26, 2021

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### Introduction

Cloud computing is a way of delivering IT enabled capabilities to users in the form of 'services' with elasticity and scalability, where users can make use of resources, platform, or software without having to possess and manage the underlying complexity of the technology. Cloud computing has attractive benefits including relief of the storage and computation burden, fine-grained data sharing, and cost savings in terms of hardware and software, etc. Although the benefits of cloud computing are tremendous, there are many new security challenges in cloud computing environment. Thus, Security and privacy issues have severely delayed the practical adoption of cloud technologies. The Banking and the financial sectors also relatively slow in adopting the cloud due to security and privacy concerns. Hence, banks need to understand cloud-computing technologies, security issues and responsibilities of cloud service provider and users before adopting cloud.

### Objective

This program discuss the different security issues in cloud computing and provides the security guidance on the use of cloud services for banks

### Contents

- Security Issues in cloud computing
- Infrastructure Security
- Virtualization Security
- Data Security and privacy
- Application Security
- Identity Access Management(IAM)
- Governance and Risk Management
- Compliance and Audit Management

### 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?

Officials working in IT implementation team and security management team at Banks and Financial Institutions

## End Uses:

At the end of this program, the participants gain the knowledge on cloud computing security issues and solutions. They can also evaluate the security of cloud service providers before adopting cloud in banks.

## Programme Coordinator:

**Dr. P. Syam Kumar**, Assistant 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 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 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	<b>Aug 01, 2021</b>
2	Technologies for Financial Inclusion	03 – 06	Dr. M. V. N. K. Prasad	<b>Aug 02, 2021</b>
3	IT Vendor Management	03 – 06	Dr. N. P. Dhavale	<b>Aug 02, 2021</b>
4	Recent Cyber Crimes and Defences	09 – 12	Dr. Rajarshi Pal	<b>Aug 08, 2021</b>
5	Mobile Banking, Social Media Banking and Mobile Application Security Testing	10 – 13	Dr. V. N. Sastry	<b>Aug 09, 2021</b>
6	Introduction to Fraud Analytics	10 – 13	Dr. V. Ravi	<b>Aug 09, 2021</b>
7	Security in Cloud Computing	23 – 26	Dr. P. Syam Kumar	<b>Aug 22, 2021</b>
8	Proactive Cyber Defence Strategies	24 – 27	Dr. Dipanjan Roy	<b>Aug 23, 2021</b>
9	Targeted Attacks – Detecting in Early Stages	24 – 27	Dr. B. M. Mehtre	<b>Aug 23, 2021</b>
10	Security Operations Centre	Aug 30 – Sep 02	Dr. V. Radha	<b>Aug 29, 2021</b>
11	Smart Banking with AI and ML	Aug 31 – Sep 03	Dr. Mridula Verma	<b>Aug 30, 2021</b>
12	Secure Financial Infrastructure	Aug 31 – Sep 03	Dr. Susmita Mandal	<b>Aug 30, 2021</b>