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CAB No. By Email/09.04.002/2022-23

January 03, 2023

The Chairman/Managing Director/Chief Executive Officer, All Primary (Urban) Cooperative Banks

Madam / Dear Sir,

Integrated Programme on Payment System Security, Fraud Prevention and Forensics - February 20-24, 2023

The College of Agricultural Banking (CAB), Pune is pleased to announce a <u>five-day</u> <u>residential programme</u> on Payment Systems Security, Fraud Prevention and Forensics from February 20-24, 2023 for IT Officers of all Urban Cooperative Banks.

2. With increased adoption of technology in the banking industry and the exponential growth of Payment and Settlement Systems, the risks associated with the same have also risen – both in terms of their types as well as sophistication. Consequently, the types of frauds associated with digital banking and payments have also evolved.

With the growing sophistication of these threats, our understanding of the same has also developed. Based on our increased and better understanding, various measures have been taken to try and mitigate these risks and offer a safe and secure digital experience to the consumers. Multiple consumer protection measures have also been undertaken in this regard. While it is essential to continue to undertake these preventive measures, at the same time, it is equally essential that a basic knowledge and understanding of the kind of breaches that may occur, their analysis, preservation of evidence, reporting etc. is available with the concerned officers, so that the risk management systems can be further improved.

The programme aims to provide an understanding of the evolution of the Payment and Settlement Systems, the laws related to the same, the risks involved in digital payments, various guidelines issued to mitigate the same, the types of frauds and the consumer protection measures that have been taken to ensure the confidence of the consumer in these systems.

कृषि बैंकिंग महाविद्यालय, विद्यापीठ मार्ग, पुणे - 411 016 (महाराष्ट्र) भारत फोन : (91-020) 25582361 फैक्स : (91-020)25538959 ई-मेल: <u>principalcab@rbi.org.in</u>

The programme shall include sizeable hands-on sessions and exercises as it aims to enhance the skills of the participants so that they can ensure better protection of their systems and better analysis of breaches, if (and when) they occur.

3. Objectives of the programme

• To provide an overview on the Payment and Settlement Systems and its security,

fraud prevention and forensics.

To build an understanding on holistic approach towards Payment and Settlement

Systems security, fraud prevention and forensics and best practices to mitigate the risk

associated.

Vulnerability Assessment and Penetration Testing – Concepts, working and reporting

To sensitize about nature of frauds in a computerized environment, and methods of

prevention & detection of frauds.

To provide knowledge on Cyber Forensics including handling cases of breaches,

preservation of evidence, tools used for analysis of the evidence.

To learn the implementation of secure configuration of network devices like firewalls,

IDS/IPS etc., used by banks in their infrastructure

4. Venue and accommodation

The programme is residential. The arrangements regarding lodging and boarding will be done

at the CAB campus, Pune.

5. Course content

The broad course content of the programme is given in Annexure.

6. Nomination

We request you to please nominate suitable officers (not more than 2 Officers per bank) for

the programme by February 13, 2023. The nomination forms for the programme are

attached. The nomination forms may please be sent to nomination.itps@rbi.org.in. For

nomination related enquiries, you may contact the nomination desk - Smt Ashwini Uike (email

ID: nomination.itps@rbi.org.in, Telephone No.020-25582360).

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PLEASE NOTE: Acceptance of Nomination is on a first come first serve basis. The Fees may be remitted only after the nomination is confirmed by the College.

IMPORTANT DATES TO REMEMBER	
Programme Dates	February 20-24, 2023
Last date for receipt of nomination	February 13, 2023
Reporting at CAB	February 19, 2023 (Sunday) Evening
Completion of programme	5.30-6:00 PM on February 24, 2023 (Friday)

Participants may report to the College in the evening of the day preceding to the programme and may vacate on conclusion of the programme.

Yours faithfully

(Nivedita Dwivedi) Programme Director

Nivedite

Mobile number: 9004033733/9004336122

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Module 1: Overview of Payment and Settlement Systems in India

- Authorisation of Payment Systems / Important Provisions of the PSS Act, 2007
- Types of payment systems Paper and electronic/retail and gross

Module 2: Digital Payments - Risks and Security Controls

- Cyber Risks in India Emerging trends.
- RBI Guidelines on Cyber Security Framework
- RBI Guidelines on Digital Payment Security Controls

Module 3: Introduction to Digital Banking Frauds

- · Basics of IT Frauds
- RBI Guidelines on Frauds
- Types of digital banking frauds

Module 4 - Consumer Protection in digital payments

- Online Dispute Resolution
- Harmonisation of TAT
- Integrated Ombudsman Scheme

Module 5: Cyber Forensics

- Vulnerability Assessment and Penetration Testing (VAPT) Concepts and their significance.
- Security Operation Centre (SOC) for Data Centre
- · Cyber forensics tools, analysis and reporting

Module 6: Resilience in Digital Banking

- Business Continuity Management
- Incident Response
- Disaster Recovery Planning

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Reserve Bank of India established the College of Agricultural Banking (CAB) in 1969 to provide training inputs in Rural and Cooperative Banking. Subsequently, recognising the changing needs of the Indian financial sector, the College has expanded its scope to provide training in other areas like Information Technology, Human Resource Management, General Banking and Non-Banking Financial Services. The College also conducts programmes in collaboration with international agencies like FAO, APRACA, CICTAB, UNDP and the Commonwealth Secretariat. It has earned acknowledgement as an international centre of excellence for development banking. The College also conducts customised training programmes for institutions, both national and international, as per their specific requirements.

The College is committed to enhancing and building capabilities in the financial sector in tune with the changing times.

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