



PRESENTS

IT & CYBER SECURITY + DIGITAL PRODUCTS/CHANNELS

At Punjab National Bank, Institute of Information Technology (PNB-IIT), Lucknow, India



COURSE DETAILS *(Please check page 4)*

IT in banking, Basic concept of IT security, threat attacks in banks and their prevention ,cyber crime, Investigation of frauds, digitization of banking products, information system audit, electronic commerce and Payment system, soft skills for IT professional.

TARGET PARTICIPANTS: (IMPORTANT)

IT, operation and other RELATED staff from Assistant to Senior Officer level ONLY.

The reason to limit junior staff is at first to build capacity at the lower level. NBI will soon announce program for more senior IT professionals.

COURSE OBJECTIVES

To apprise the participants about various skills required to understand the latest IT scenario with specific reference to banking industry and to deal with the challenges efficiently.

(Fee includes Tuition, Courseware, Lodging & Boarding with breakfast, lunch, tiffin and dinner for 6 days)

The accommodation will be at PNB-IIT campus in hostel facility.

Venue: PNB - IIT Campus, Lucknow, India

Date : Monday 18th December to Friday 22nd December

Check in – Sunday 17th December

Check out – Saturday 23rd December

COURSE DETAILS

DETAILED SYLLABUS	<p>Introduction to Banking, Information Systems, Computer Networks, Information Security, IT Infrastructure Management, Banking Technology Management, Data Warehousing and Business Intelligence, business continuity, Cloud Computing, Cyber Defense.</p>
	<p>Threat attacks in Banks: Different types of threat attacks and prevention there of. Anti-Virus (Major features, architecture, guidelines and related issues)</p>
	<p>Digitization and its requirements, infrastructure requirements for digital products, latest digital products. Secure operations for Alternate delivery channels.</p>
	<p>Electronic Commerce and Payment Systems, Banking on Mobility and Social Media.</p>
	<p>Information System Audit: surveillance and Information Systems Audit. I.S. threats and counter measures,</p>
	<p>Investigation of frauds Cyber Crimes (Modus Operandi of Cyber Crimes) relating to debit card, credit cards, Internet banking, Core Banking Solution – their prevention and handling. Cyber crime- fraud and security, IT security and cyber law, cheque related frauds,</p>
	<p>Soft Skills for IT Professionals: Positive attitude, great Team player, teaching and sharing of information, resolving grey issues, vendor management, Ergonomic sensitivity</p>
LEARNING OUTCOME	<p>After completion of the program participants will find themselves confident in following areas</p> <ol style="list-style-type: none"> a. Concept of IT in banking b. Latest IT scenario c. Various types of available digital products d. Alternate delivery channels e. Possible threat attacks and steps to curb them f. Cyber crime and cyber frauds – their investigation and prevention g. Information System Audit h. Soft skills required for an IT professional

COURSE DETAILS

TRAINING METHODOLOGY

Focus of the training will be holistic approach for covering the whole content of the module and ensuring the individual requirement of the participant. It will be practical and interactive and will involve participation of all the participants. Case study approach will be used which is an effective method for fostering discussions and transferring knowledge. Apart from lecture there will be Lab sessions, discussions, games, group activities, simulation, role plays and demonstrations depending upon the requirements. Experienced Guest speakers will also be invited for sharing of knowledge to have better understanding into the topic.



TESTING METHODOLOGY

Various assignments practical as well as theoretical shall be assigned to the participants to assess their understanding on periodical basis, which can be pre and post course program. They shall be required to give the presentations, their views on cases and various practical lab sessions where they will be tested suitably.

TRAINER'S PROFILE

PNB - IIT center have faculties having vast experience in IT , expert in Information system audit , having expertise in Oracle, Sun Solaris/Unix/Red Hat Linux , Oracle IDs and Oracle Apex and few are certified Information Security Professionals. Also few faculties have done Certificate Course in Cyber Law, Certificate Examination in Preventive of Cyber Crimes and Fraud Management, Certificate Examination in IT Security, Advanced Certificate in Information Security, Certificate Course in IPR and IT in the Internet Age, Certified Information System Banker, and Certificate Examination in Anti-Money Laundering & Know Your Customer. PNB - IIT have faculties having detailed knowledge in Core Banking solution and experience in handling its implementation. Also faculties have detailed knowledge in alternate delivery channel and dealing with various trouble shoots.

TRAVEL RECOMMENDATION *(at your own cost)*

Kathmandu-Nepalgunj-Kathmandu Flight

Nepalgunj to Border Rupaidiha – Local transport (Approx 400 in electrical Rickshaw/Suitable for 2 to 3 person with luggage). Or vehicle of banks local branch.

Rupaidiha to Lucknow : Taxi (Per Person INR 500 ONE WAY)

Disclaimer: The whole course shall be covered in Indian context and mainly Punjab National Bank or sometimes other banks, as the case may be shall be referred as an example to make participants understand things better

NATIONAL BANKING INSTITUTE LTD.

Central Plaza, 6th Floor, Narayanchour, Naxal, Kathmandu, Nepal.

T : 977-1-4415903/905, 4436001 • F: 977-1-4441351

info@nbi.com.np • www.nbi.com.np

COURSE DETAILS

ਪੰਜਾਬ ਨੈਸ਼ਨਲ ਬੈਂਕ सूचना प्रौद्योगिकी संस्थान शिबूहि खण्ड, गोगली नगर, लखनऊ - 226 010 (यू.पी.) ... बैंकिंग, वित्त एवं बीमा क्षेत्र में सूचना प्रौद्योगिकी का अग्रणी संस्थान		punjab national bank institute of information technology Vibhuti Khand, Gooli Nagar, Lucknow - 226 010 (U.P.) ... a premier institute of information technology in the area of banking, finance & insurance	Phone: 0522-2721172/73/74 Fax: 0522-272 1201 e-mail: bankingtech@pnbit.ac.in www.pnbit.ac.in
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Program Number:	PNBIT/17-18/NBI -1	Topic:	IT & Cyber security + Digital products/channels
From	18.12.2017	To	22.12.2017
Program - coordinator	Pratima Trivedi (Chief Faculty)	Program Objective:	To apprise the participants about various skills required to understand the latest IT scenario with specific reference to banking industry and to deal with the challenges efficiently.
		Participating Group:	IT staff with work experience of 0-5 years in Banks at Nepal

DAY/Period	9.30 – 11.15	11.30 – 12.45	12.45-1.20	14.20– 15.30	15.45 to 17.30
18.12.2017 Monday	Joining / Inaguration Proceeds		Digitization and its requirement	Role of different Organizations in Digital Banking and Infrastructure for Digitization	Digital products Mobile based (UPI/ Mobile Banking/PNB Kitty) Usage , Working Modules and security aspects
	9.30 to 10	Pratima Trivedi		Ishan Dhankani	Ishan Dhankani
19.12.2017 Tuesday	Recap of previous day	Digital Products system based (IBS/IMPS/RTGS/NEFT/CARDS/POS) Usage /		I.S. Audit & surveillance in Finacle 7	I.S. Threats and Counter Measures
	Pratima	Nishesh Kumar		Divyang Rastogi	Pramod Dikshit
20.12.2017 Wednesday	Recap of previous day	Cheque Related Frauds	Soft skills for IT professionals		Investigation of Banking Cyber Frauds such as Debit card, Credit card, Internet banking, CBS etc and prevention and handling of such fraud cases
	Pratima	Ishan Dhankani	Guest – Mamta Sharma		Guest (Dr Triveni Singh)
21.12.2017 Thrusday	Recap of previous day	Digital Signature / its importance and relevance	Advanced feature of MS Excel		Case study on digital banking and cyber security
	Pratima	Pratima Trivedi	Amit Bundela		Divyang Rastogi / Pratima Trivedi/Nishesh / Ishan
22.12.2017 Friday	Recap of previous day	Cyber crime frauds and security		Online test	Presentation by teams
	Pratima	Satyendra Sharma		Pratima Trivedi	Pratima Trivedi
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