

Conference on Cyber Security and SWIFT Hacking.



Background:

Cybercrime has plagued the global banking system over the last few years. The amount of money being taken in cyber-heists, in both banking and elsewhere, has reached staggering levels. Last year, the theft of \$81 million in February 2016 from Bangladesh's central bank using SWIFT messages rocked the banking industry. Recently on October 2017, hackers managed to pinch \$60m from the Far Eastern International Bank in Taiwan by infiltrating malware in the system and gain control over the SWIFT access. Reserve Bank of India (RBI) reported 16,468 instances of financial cybercrime in 2015-16.

Like other Global Banking Industry, Nepalese Banking Industry has recently witnessed its vulnerability with recent cyber heists. Therefore, strengthening security guideline and cyber security posture and revamping their security practices has been of paramount importance to banking industry.

In order to make professional aware, explore mitigant and intervene control mechanism from the policy level, NBI proudly announces Conference on Cyber Security and SWIFT hacking with participation from local as well as international speakers.

Key Speakers

Global experts from Bangladesh bank- Central Bank of Bangladesh, Citi Group and forensic expert from Ernst & young will be among key speakers.

Experts from Bangladesh Bank, Central Bank of Bangladesh.

Mr. Debaprosad Debnath,
Consultant, Bangladesh Financial intelligence Unit

Mr. Debdulal Roy,
Systems Manager
Information Systems Development Department

Both experts were part of investigation team for cyber heist which took place in Bangladesh on 2016.

Mr. Sandeep Mehra,
Sr. Vice President, Head, India
Investigations & Manager, Vigilance,
Citi Group,

Mr. Aniket Bhosle,
Senior Manager
Ernst & Young, India

Program Highlights

- ⇒ Latest trend in cyber crime with context to high profile cases.
- ⇒ Best practices for incident response
- ⇒ Information security program and related policies plans and programs
- ⇒ Regulatory Enforcement action.

Target Audience:

- ⇒ Chief Operating Officer
- ⇒ Operation Head,
- ⇒ Internal Audit Head & Compliance Head
- ⇒ Head of Security & Admin
- ⇒ GMs
- ⇒ AGMs
- ⇒ Department Heads
- ⇒ IT Heads
- ⇒ Head-Risk Management
- ⇒ Branch Managers

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



Debdulal Roy
General Manager, Information Systems Development Department
Bangladesh Bank

Debdulal Roy is serving as Systems Manager (General Manager), Information Systems Development Department, Bangladesh Bank. Earlier he had served as FMIS Specialist with Deepening MTBF and Strengthening Financial Accountability Project, a project of Strengthening Public Expenditure Management Program (SPEMP) of Finance Division, Ministry of Finance. He is working in the field of technology since 1995. He has more than 15 years' experience in managing large scale mission critical ICT projects, project evaluation and donor funded ICT procurement management. He has received on the job exposure and formal training on Programming, Database, IT Network, IT Security, BCP, IS Audit, Information Security Management, Anti Money Laundering and Contract Management from home and abroad. He did his graduation in Engineering from Rajshahi University of Engineering and Technology and MBA in Finance from Dhaka University, Bangladesh. He did his Master's Certification in Project Management from The George Washington University, USA. Working with the banking industry since 1997, he led development of application software, AML analytics system and ICT infrastructure. Bangladesh Bank awarded him as "Best Employee" in 2007. He is also serving as Vice President of CTO Forum Bangladesh (a non-profitable, non-political organization of Chief Technology Officers in Bangladesh, www.ctoforumbd.org) and Secretary General of Bangladesh Computer Society (a non-profitable, non-political organization of 15,500+ ICT Professional in Bangladesh, www.bcsbd.org.bd).



Debaprosad Debnath
Consultant, Bangladesh Financial Intelligence Unit
Bangladesh Bank

Mr. Debnath served as the General Manager for Bangladesh Bank, the Central Bank of Bangladesh and as the Operational Head of Bangladesh Financial Intelligence Unit (BFIU), the national central agency of Bangladesh to Prevent Money Laundering and Terrorist Financing. After his retirement in August 2014, he was reappointed to the same post in September, 2015 for two years. Since October, 2017 he has been appointed as the consultant of the Bangladesh Financial Intelligence Unit.

He joined Bangladesh Bank on 22 June 1981. Prior to joining Bangladesh Bank, Mr. Debnath served at Bangladesh Biman. Mr. Debnath obtained his Bachelor and Masters degrees from the University of Dhaka and his major was Public Administration. While serving in Agricultural Credit Department (ACD), Currency Management Department, Offsite Supervision Department and Bangladesh Financial Intelligence Unit (BFIU), Bangladesh Bank, he has participated a number of training programs in both home and abroad. He was the member of Bangladesh delegation in a number of conferences of international organizations and some of these delegation teams were headed by Mr. Debnath. He has signed a number of MOU with the Financial Intelligence Units of other jurisdictions on behalf of Bangladesh Financial Intelligence Unit. It is worth mentioning that he played the pivotal role in Bangladesh's getting out from the International Cooperation Review Group (ICRG) process of Financial Action Task Force (FATF) in 2014. He also acted as the Member Secretary of the Inter-agency Task force for the recoument of Bangladesh Bank's stolen money from the Federal Reserve Bank, NY.

Moreover, his strong leadership facilitated Bangladesh to achieve the status as a "AML & CFT Compliant Country" after the 3rd round Mutual Evaluation in 2015/16 by Asia Pacific Group on Money Laundering (APG). In his office as the consultant of BFIU with many other important tasks he has also been assisting Bangladesh Bank to recover the heist money.



Sandeep Mehra
Senior Vice President, Head, India Investigations and Manger, Vigilance,
City Security & Investigation Services

Sandeep, an ex-national swimmer from India, joined Indian Police at the age of 22. He excelled in police training and was judged the best cadet.

He served with uniformed police for initial years and thereafter was picked up by the premier investigating agency of India, Central Bureau of Investigation (CBI), as an investigator. With CBI, he continued to excel and investigated major financial crimes between 1992 and 2009. He investigated stock market scams pertaining to year 1992 and 2001 and was judged best investigator of India in 2007 for his continued investigation successes.

He is a trained trainer for Cyber Crime investigations for Asia Pacific, certified by EUROPOL.

Continued working towards gaining experience from police service and working in tough commercial environments across the spectrum of fraud & crime, he joined the corporate world in the year 2010. He is presently working with Citi Bank NA, as Sr. Vice President, in-charge of Investigations for South Asia region.

Sandeep is trained commando and an expert in collection of intelligence, investigation, prosecution, and creation of risk free environment for the organizations.



Aniket Bhosle
Senior Manager
Ernst & Young, India

Aniket is a Senior Manager in the Cyber Security practice of Ernst & Young in India. He has about 9 years of work experience and focusses on clients in the Financial Services sector.

Aniket has varied experience in cyber security ranging from penetration testing, incident response, secure network design and drafting information security strategies and policies that help clients reinforce their security posture.

He has led incident response and analysis engagements on payment systems such as SWIFT and Unified Payments Interface (UPI) apps in India. He has assisted some large banks to conduct breach readiness assessments and assisted them to draft their cyber crisis response plans. He has also performed security assessments of ATM setups for some of the largest banks in India.

Prior to joining Ernst & Young, Aniket was working with KPMG in India. Aniket has a MBA in Information Technology from Symbiosis International University and has Bachelors of Engineering degree from Mumbai University.

Session	Detail
9:00 am to 9:30 am	Registration Tea/Coffee
9:30 am to 10:00 am	Opening Ceremony
10:00 am to 11:15 am	Cyber Heist: An Experience sharing — Mr. Debaprosad Debnath, Consultant, BFIU Bangladesh Financial Intelligence Unit- Bangladesh Bank
11:15 am to 11:30 am	Tea Break
11:30 am to 12:45 pm	Cyber Incident Response, Remediation and Preventive Measures – Mr. Debdulal Roy, General Manager, Information Systems Development Department, Bangladesh Bank
12:45pm – 1:30 pm	Lunch
1:30 pm to 2:30pm	Cyber Financial Crime - SWIFT Hacking —Mr. Sandeep Mehra, Senior Vice President, Head, India Investigations and Manger, Vigilance, City Security & Investigation Services
2:30 pm –3:45 pm	Confronting Cyber Attacks —Mr. Aniket Bhosle, Senior Manager, Ernst & Young
3:45 pm to 4:00 pm	Tea Break
4:00 pm to 4:45 pm	Panel Discussion Mr. Narayan Prasad Paudel, Executive Director, Nepal Rastra Bank DIGP Pushkar Karki, Director, Central Investigation Bureau Mr. Debdulal Roy, General Manager, Bangladesh Bank Mr. Prabin P. Chhetri, Chief Operating Officer, Bank of Kathmandu Ltd.
4:45 pm to 5:00 pm	Closing