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カ 華 銀 行
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An Interactive Workshop on “Cyber Essentials – Be Digitally Ready to Reduce Your Risks” (With Hands-On Practice)

Main Hall Room, 6th Floor,
Cambodia University of Technology & Science, Phnom Penh.
12th January 2023 @ 8:30-14:00

1. Rationale

According to the Ponemon Institute study, the cost of a data breach has risen from USD 3.86 million to USD 4.24 million in 2021. The most prominent cause of cyber security breaches is end-users. Based on IBM's X-Force Threat Intelligence Index 2022, 95 percent of cyber security breaches are caused by human errors. Cybercriminals exploit the psychological vulnerability of humans by influencing them to commit actions that could expose the digital infrastructure of their institutions to cyber risks. Internet users habitually commit the following blunders in cyberspace, such as:

- Using predictable passwords that can be easily exposed to cybercriminals.
- Clicking on suspicious attachments and phishing links that are attached through SMS messages, pop-ups, emails, websites, online games, and other social networking activities
- Downloading and installing software programs that contain malware.
- Using public Wi-Fi to gain access to essential services applications such as online banking services which could potentially allow cybercriminals to infiltrate the system.

This issue has imposed significant risks on societies that are increasingly connected to the digital world, including Cambodia.

Cambodia has seen rapid growth in mobile devices and Internet usage in recent years. According to Datareportal, 2021, Cambodia had 21.18 million mobile connections in January 2021, a 0.9 percent increase from the previous year. On the other hand, the number of Internet users had reached 8.86 million, an increase of 1.1 million (14%) from the previous year. These figures have shown that the Cambodian population rapidly connects to the Internet and other networks. However, the significant increase in the number of people accessing the Internet does not guarantee that the users are well-equipped with digital skills to tackle cybersecurity threats and issues. New forms of cyber-related crimes and activities and the lack of digital skills have posed a significant threat to Cambodia's fragile security infrastructure. This includes security risks related to social engineering, phishing, passwords, online banking, online payment, ransomware, hacking, for example.

In the cyber world, Cyber Criminals' (Hackers, Hacktivists, groomers, intruders, phishers etc.) are exploiting Internet users for their benefits and benediction. This interactive workshop aims to develop awareness on the cyber essentials of Internet users. This includes how to develop a strategy to remember a complex and unlimited number of passwords, how to protect the data from phishing/ransomware attacks, how to secure credit card information, to name a few.

2. Participants:

Applicants are expected to be senior managers, officers and operators, technical manager and supervisors, and academia in the field of cyber security.

Expected each participant from:

1. State Secretariat of Civil Aviation
2. Ministry of Cults and Religions
3. Ministry of Economy and Finance
4. Ministry of Post and Telecommunications
5. Ministry of Agriculture, Forestry and Fisheries
6. Ministry of Culture and Fine Arts
7. Ministry of Labour and Vocational Training
8. Ministry of Mines and Energy
9. Ministry of National Defense
10. Ministry of Health
11. Ministry of National Assembly-Senate Relations and Inspection
12. Ministry of Tourism
13. Ministry of Industry, Science, Technology & Innovation
14. Ministry of Foreign Affairs and International Cooperation
15. Ministry of Land Management, Urban Planning and Construction
16. Ministry of Commerce
17. Ministry of Civil Service
18. Ministry of Environment
19. Ministry of Education, Youth and Sports
20. Ministry of Interior
21. Ministry of Information
22. Ministry of Justice
23. Ministry of Planning
24. Ministry of Royal Palace
25. Ministry of Social Affairs, Veterans and Youth Rehabilitation
26. Ministry of Women Affairs
27. Ministry of Water Resources and Meteorology
28. Ministry of Public Works and Transportation
29. Ministry of Rural Development

3. Expected Outputs

Participants will be acquainted with the awareness on the cyber essentials of internet users including the development of a strategy to remember a complex and unlimited number of passwords, how to protect the data from phishing/ransomware attacks, how to secure credit card information, etc.

This workshop will serve as a platform for collaboration and networking among senior managers, officers and operators, technical manager and supervisors, and academia to guard against the most common cyber threats and concerted efforts for cyber security.

4. Collaborative Partners

CamTech University has organized this workshop in partnership with the National Institute of Science, Technology and Innovation (NISTI), Asian Vision Institute (AVI), and Foreign Ministry and Canadia Bank Plc. CamTech also invited local university partners to take part in the workshop, and these include the University of Puthisastra (UP), Kirirom Institute of Technology (KIT), Cambodia, Tux Global Institute (TGI), Cambodia.



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TRAINING PROGRAM SCHEDULE

An Interactive Workshop on “Cyber Essentials – Be Digitally Ready to Reduce Your Risks” (With Hands-On Practice)

Venue: Cambodia University of Technology & Science Campus (Conf Hall, 6th Floor)
12th January 2023 @ 8:30-14:00

No. Item	Timeline	Agenda
1	8:30 – 9:00	Registration
2	9:00 – 9:05	Welcome Speech Dr. Sothy KHIENG President, CamTech University
3	9:05 – 9:15	Target Learning Outcomes – To Check
4	9:15 – 9:45	Users are the Weakest Link to Cyber Criminals Prof. Alamgir Hossain Vice President, CamTech University
5	9:45 – 10:15	Hands-On Practices Mr. Daravichet Tin
6	10:15 – 10:30	Basics of Cyber Conflicts Mr. Chhem Siriwat Director of the Centre for Inclusive Digital Economy (CIDE), at the Asian Vision Institute (AVI)
7	10:30 – 11:00	Break for refreshment
8	11:00 – 11:20	Cybersecurity Readiness of Cambodia Prof. Ou Phannarith Ministry of Telecommunication
9	11:20 – 11:45	Best Practices to use Digital Technologies social media, Email, TikTok, Telegram, Grooming, Social Engineering, Cyber Criminals around, Recent attacks, Future Challenges, International Hacking Business (Interactive Session); Facilitator: Dr Sophea Prum , Chief of Business Development Officer, Elite Vigour Co. Ltd.

10	11:50 – 12:00	Achievement of the Learning Outcomes
11	12:00 – 12:10	Closing Remark H.E. Prof. Dr. CHHEM Kieth Rithy Minister Delegate Attached to the Prime Minister, Secretary of State of the Ministry of Industry, Science, Technology and Innovation
12	12:10 – 14:00	Lunch, Networking & Informal Discussion
End of Training		