



No. DCE- 007(231)

Date: 12/06/2024

Announcement of Short Course on “Cyber Security for Governments and Industries”, 01-03 August 2024 Organized by Directorate of Continuing Education (DCE), BUET.

Dear Sir/Madam,

We have the pleasure to inform you that a 3 days short course on ‘Cyber Security for Governments and Industries’ is going to be organized by the Directorate of Continuing Education (DCE), on 01-03 August 2024.

The necessity of cybersecurity in constructing a Smart Bangladesh cannot be overstated. As digital technology and e-governance advance, safeguarding the information of individuals, the economy, the government, and the industrial sector becomes paramount. Cyberattacks threaten national security, economic stability, and personal privacy. Moreover, cybersecurity is crucial for the integrity of digital education and research. Therefore, building a resilient cybersecurity framework and fostering widespread cybersecurity awareness are essential for realizing the vision of a Smart Bangladesh.

The registration fee for this short course is **TK. 20,000/- (Taka twenty thousand only)** as per person to be paid in advance, through Pay-Order or Demand draft, in favor of “**Director, BRTC, BUET**”.

Course registration fee may also be electronically deposited at Savings Account No. 4404034173888, Account Name: **Director, Directorate of Continuing Education (DCE), Sonali Bank Ltd., BUET Branch, Dhaka.** Course Fee includes all costs of printed course materials, exams, certificates, refreshments, etc., and excludes VAT & TAX. Seats are limited and the application /nomination would be selected on a First Come First Served basis.

Registration Deadline is 25 July 2024.

For further information, please contact to DCE office, BUET, Cell: **01611510056**, Tel: **58610738**, PABX. 55167100 Ext. 7848, E-mail: info@dce.buet.ac.bd. You may also visit our official website: <https://dce.buet.ac.bd>

It is highly appreciated if you could kindly participate and/or nominate the concerned official(s) from your esteemed organization in this proposed short course.

Thank You

Prof. Dr. Mohammad Nasim Hasan
Director, Directorate of Continuing Education (DCE)
Bangladesh University of Engineering and Technology
Mail: info@dce.buet.ac.bd

**[For registration in this course,
Please Click Here or Scan Below](#)**



CONTACT

Director

Directorate of Continuing Education (DCE)

BUET, Dhaka-1000

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August

S	M	T	W	T	F	S
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

About DCE

DCE established in **1995 at BUET**, a platform for decentralized and adaptive learning to bridge the gap between Professionals and Academicians, promotes pedagogical development with a combined experience of Academicians and Professionals and offers distance training opportunities. So far, **225** short courses/training workshops have been offered to serve more than **11,000** professionals.

Short Course Outcomes

At the end of this course, participants are expected to

- Improved awareness about cyber security threats and risks in their personal and professional life.
- Proficiency in using some cyber tools and techniques.
- Understanding of the frameworks, standards and regulations on cyber security and privacy.
- Hands-on experience of some tools on cyber security engineering.
- Preparedness for participation in research projects involving cyber security.
- Development of critical thinking and analytical skills.
- Ability to apply cyber security tools and techniques in real-world projects and challenges.

RESOURCE PERSON

Prof. Dr. Rahamatullah Khondoker

Professor for IT Security and Digitalization,
Department of Business Informatics, THM, Germany

DURATION

1st – 3rd of August 2024 (3 days)

LANGUAGE

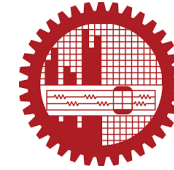
English and Bangla

CERTIFICATE

A certificate of attendance will be provided.

Short Course On

Cyber Security for Governments and Industries



1st – 3rd of August 2024

BUET, Dhaka

Organized by

Directorate of Continuing Education (DCE)

**Bangladesh University of Engineering and Technology
Dhaka-1000**

Registration and Details

[Click Here](#)

OR

Scan the QR Code



Investing in cybersecurity training is essential for protecting sensitive data, ensuring compliance with legal regulations, and maintaining customer trust. It empowers employees to recognize and respond to cyber threats, significantly reducing the risk of costly data breaches and operational disruptions. With cyber threats constantly evolving, ongoing training keeps employees informed about the latest security practices and threats, fostering a proactive defense. This training not only enhances personal cyber hygiene but also contributes to overall organizational security. Additionally, it supports career advancement, providing valuable skills in high demand in today's job market. Cybersecurity training underscores a company's commitment to safeguarding information, promoting business continuity, and securing a competitive advantage. By investing in this training, organizations can build a robust defense against cyber threats, ensuring long-term success and resilience in an increasingly digital landscape.

Join the official short course on Cyber Security for Governments and Industries, presented by DCE, BUET. Don't miss this invaluable learning opportunity. Register now!

WHO SHOULD ATTEND?

This short course is suitable for:

- Undergraduate and Postgraduate Students
- Government Officials
- Aspiring Researchers, Young Faculties
- Professionals Seeking Skill Enhancement
- Anyone Interested in Cyber Security

Seats are limited to 30 and the selection procedure will be First Come First Serve basis.

PROGRAM OVERVIEW

Contents of the Short Course are:

- Cyber Security Threats and Risks
- Cyber Security Awareness
- Goals and Properties of Cyber Security
- Cyber Security Threat Modelling
- Hands-on Threat Modelling
- Standards, Frameworks, Regulations on Cyber Security
- Cyber Defense Mechanisms
- Basics of Cryptography
- Hands-on Cryptography
- Cyber Security Tools and Techniques
- Challenges of Cyber Security
- Future of Cyber Security

VENUE

Directorate of Continuing Education (DCE), 3rd Floor, Institute Building, BUET, Polashi, Dhaka-1000. **(Near Dr. M A Rashid Student Hall, BUET and BUET Gymnasium)**

REGISTRATION FEE

BDT **20,000/-** per Person (Tk. Twenty Thousand Only)

The fee will cover printed lecture instructions, workshop kits, comprehensive materials, refreshments, certificates, etc.

PAYMENT

Registration Fee is to be paid in advance payable through Pay Order/Demand Draft (DD) in favor of **Director, BRTC, BUET.** or electronically deposited at - Savings **Account No. 4404034173888,**

Account Name: Director, Directorate of Continuing Education (DCE) Sonali Bank Ltd., BUET Branch, Dhaka.

REGISTRATION FORM

Short Course On Cyber Security for Governments and Industries DCE, BUET

Please complete the registration form in BLOCK LETTERS and return it to the address overleaf.

Name:

Affiliation:

Company Name:

Address:

Cell Phone:

Email:

Payment:

- Pay Order/ Demand Draft (DD)
- Online Banking

Please attach the original copy of the payment.

Details of Pay Order/Demand Draft:

Signature:

Date:



Short Course on
Cyber Security for Governments and Industries

Venue: Lecture room, DCE, 3rd Floor, Institute Building, BUET

PROGRAM SCHEDULE

Day	Time	Topics
Day 01 1 st of August 2024 Thursday	9:30 AM - 10:30 AM	Registration
		Cyber Security Awareness
	11:00 AM - 12:30 PM	1.1. Cyber Security Threats and Risks 1.2. Goals and Properties of Cyber Security
	12:30 PM - 14:00 PM	Prayer and Lunch Break
	14:00 PM - 16:00 PM	1.3. Hands on Cyber Security Awareness
Day 02 2 nd of August 2024 Friday		Cyber Security Threat Modelling
	11:00 AM - 12:30 PM	2.1. Threat Modelling Process
	12:30 PM - 14:30 PM	Prayer and Lunch Break
	14:00 PM - 16:00 PM	2.2. Hands on Threat Modelling
Day 03 3 rd of August 2024 Saturday		Cyber Defense Mechanisms
	11:00 AM - 12:30 PM	3.1. Cryptography
	12:30 PM - 14:00 AM	Prayer and Lunch Break
	14:00 PM - 16:00 PM	3.2. Hands-on Cryptography

Course Instructor:

Prof. Dr. Rahamatullah Khondoker

Professor for IT Security and Digitalization

Department of Business Informatics, THM, Friedberg, Germany



CONTINUING EDUCATION

Path to Excellence



**Short Course on
Cyber Security for
Governments and Industries
Organized by: DCE, BUET**

COURSE INSTRUCTOR

Prof. Dr. Rahamatullah Khondoker

Professor, IT Security and Digitalization
Department of Business Informatics, Faculty of Mathematics,
Natural Sciences and Data Processing
THM University of Applied Sciences, Friedberg, Germany
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Biography

Prof. Dr. Rahamatullah Khondoker received his Doctor of Engineering (Dr.-Ing.) degree in Computer Science from the University of Kaiserslautern-Landau (RPTU), Germany in 2015. He completed his M.Sc. from the department of Computer Science, University of Bremen in Germany in 2009. Since Feb. 2007, he has been working in several organizations in Germany including University of Bremen, BIBA, TZI, RPTU, Fraunhofer SIT, TU Darmstadt, Hochschule Darmstadt, Continental Automotive. He holds now the Professorship on “IT Security and Digitalization” at the department of Business Informatics in THM of the Friedberg Campus in Germany. He published more than 50 research articles in the International Journals and Conference Proceedings and is a co-author of 6 books and book chapters. His current research fields in cyber security are network security, AI for cyber security, cyber security for AI, security for SDN, SDN for network security, cyber security for digital train systems, cyber threat modelling, and automotive security. He received several professional awards, including Ericsson Germany, DAAD/Erasmus+, ITU and European Future Internet Assembly. As a visiting professor, he taught around 20 universities including Arkansas Tech University (USA), Asian Institute of Technology (Thailand), Chiang Mai University (Thailand), Walailak University (Thailand), Indian Institute of Information Technology Allahabad (India), University of Coimbra (Portugal), South East Technological University (Ireland), Vilnius Tech (Lithuania), Jashore University of Science and Technology (Bangladesh), Politehnica University Timisoara (Romania), University of Salerno (Italy), Oulu University of Applied Sciences in Finland. He provided professional cyber security trainings to several companies including Huawei, Daimler Truck, VGF, Stellantis, BAIC Motor, GAC Motor, Mazda, Renault, Nissan, Volvo, Deutsche Telekom, and Continental Automotive.

Website: <https://www.thm.de/mnd/rahamatullah-khondoker>