

DIRECTORATE OF
CONTINUING EDUCATION

BANGLADESH UNIVERSITY OF ENGINEERING & TECHNOLOGY (BUET)

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No. DCE- 007(249, 251, 252, 253)/45

Date **17 MAY 2025**

Announcement for the Short Courses Organized by the Directorate of Continuing Education (DCE), BUET

Dear Sir/ Madam,

The Directorate of Continuing Education (DCE) at BUET is a dedicated platform for promoting lifelong learning, professional development, and industry-academia collaboration. It organizes a wide range of short courses, workshops, and certificate programs to enhance the skills and competencies of engineers, professionals, and practitioners across various sectors. By addressing contemporary challenges and emerging technologies, DCE plays a vital role in bridging academic knowledge with practical application, contributing to national capacity building and sustainable development.

Sl. No.	Name of the Short Course	Date	Registration Deadline	Course Fee (BDT)	Seat Capacity
1	Advanced Project Management	24-26 July & 31 July, 1-2 August, 2025 (6 days- 09.00 AM- 06.00 PM Approx.)	15 th July 2025	25,000/-	40
2	Cyber Security for Government and Industries	12-14 September 2025 (3 days- 09.00 AM- 06.00 PM Approx.)	02 nd September 2025	20,000/-	
3	Boiler Operation, Maintenance & Safety	19-21 September 2025 (3 days- 09.00 AM- 06.00 PM Approx.)	09 th September 2025	15,000/-	
4	Efficient HVAC System: Design & Maintenance	26-28 September 2025 (3 days- 09.00 AM- 06.00 PM Approx.)	16 th September 2025	15,000/-	

These courses are designed for professionals critical to running an organization smoothly. Highly qualified, professionally trained, reputed, and experienced resource persons in the related areas, with ample theoretical and practical knowledge and current information, have been invited to conduct these short courses.

The registration fee for these short courses must be paid in advance, through Pay-Order or Demand draft, in favor of **"Director, BRTC, BUET"**. Course registration fee may also be electronically deposited on the Savings Account Number - **4404034173888** (Routing Number – **200270522**), 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, etc., and excludes VAT & TAX.

Seats are limited, and the application /nomination will be selected on a first-come, first-served basis. For further information, please get in touch with us at **01611510056**, email: info@dce.buet.ac.bd. You may visit our official website: <https://dce.buet.ac.bd/> for more detailed information.

We would appreciate it if you could kindly participate and/or nominate the concerned official (s) from your esteemed organization.

Thank You,

Prof. Dr. Mohammad Ali

Director, Directorate of Continuing Education (DCE)
Bangladesh University of Engineering and Technology



CONTINUING EDUCATION
Path to Excellence

CONTACT

Director

Directorate of Continuing Education (DCE)

BUET, Dhaka-1000

Tel: 02 58610738

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Cell: 01611510056

Email: info@dce.buet.ac.bd

Office hours: Sat-Wed; 09:00 AM- 05:00 PM

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, **250** short courses/training workshops have been offered to serve more than **12,000** professionals.

September						
S	M	T	W	T	F	S
	1	2	3	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				

Short Course Outcomes

At the end of this course, participants are expected to

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

Registration Deadline

02nd September 2025

LANGUAGE

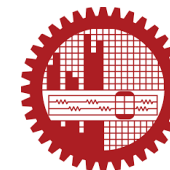
English and Bangla

CERTIFICATE

A certificate of attendance will be provided.

Short Course On

Cyber Security for Governments and Industries



12-14 September 2025

BUET, Dhaka

Organized by

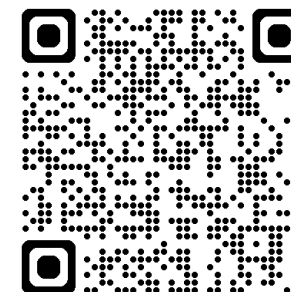
Directorate of Continuing Education (DCE)
Bangladesh University of Engineering and Technology
Dhaka-1000

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 40, and the selection procedure will be on a first-come, first-served 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:

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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	Topic
Day 01 12 th of Sep 2025 Friday	08.30 AM -09.00 AM	Registration
	Cyber Security Awareness	
	09:00 AM - 10:30 AM	1.1. Cyber Security Threats and Risks
	10.30 AM – 11.00 AM	Break
	11.00 AM- 12.30 PM	1.2. Goals and Properties of Cyber Security
	12.30 PM- 02.00 PM	Prayer and Lunch Break
	02.00 PM – 04.00 PM	1.3. Hands-on Cyber Security Awareness
Day 02 13 th of Sep 2025 Saturday	Cyber Security Threat Modelling	
	09:00 AM – 10:30 AM	2.1. Threat Modelling Process
	10.30 AM- 11.00 AM	Break
	11.00 AM – 12.30 PM	2.1. Threat Modelling Process (Contd.)
	12:30 PM– 02:00 PM	Prayer and Lunch Break
	02:00 PM– 04:00 PM	2.2. Hands-on Threat Modelling
Day 03 14 th of Sep 2025 Sunday	Cyber Defense Mechanisms	
	09:00 AM – 10:30 AM	3.1. Cryptography
	10.30 AM- 11.00 AM	Break
	11:00 AM – 12:30 PM	3.2. Hands-on Cryptography
	12:30 PM – 02:00 PM	Prayer and Lunch Break
	02:00 PM– 02:30 PM	3.3 Hands-on Cryptography (Contd.)
	02:30 PM– 03:00 PM	Feedback and Closing Remarks

Course Instructor:

Prof. Dr. Rahamatullah Khondoker

Professor for IT Security and Digitalization

Department of Business Informatics, THM, Friedberg, Germany





**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
Email: rahamatullah.khondoker@mnd.thm.de
Contact: +4960316043441



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, Germany, in 2009. Since Feb. 2007, he has been working in several organizations in Germany, including the University of Bremen, BIBA, TZI, RPTU, Fraunhofer SIT, TU Darmstadt, Hochschule Darmstadt, and Continental Automotive. He now holds 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 60 research articles in International Journals and Conference Proceedings and is a co-author of 6 books and book chapters. His current research fields in cybersecurity are network security, AI for cybersecurity, cybersecurity for AI, security for SDN, SDN for network security, cybersecurity for digital train systems, cybersecurity 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), Izmir Institute of Technology (Turkey), Ege University (Turkey), 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 cybersecurity training 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>