



No. DCE- 007(206)/

Date: 06/08/2023

**Announcement of Short Course on ‘Safety Management in Construction Industry’, 06-08 October 2023
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 ‘**Safety Management in Construction Industry**’ is going to be organized by the Directorate of Continuing Education (DCE), on 06-08 October 2023.

This course has been developed with a combined effort from safety management in construction industry professionals and academicians. This course intends to disseminate proper knowledge and experience on major safety hazards, risks, and causes of accidents in the construction sector in Bangladesh. More importantly, various local and international standards recommended safety measures essential to implement at construction projects, with the ultimate goal of preventing any accidents to construction workers or external people and thereby helping the country’s construction industry attain a healthy and safe workplace.

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 this course.

The registration fee for this short course is **TK. 15000/- (Taka fifteen 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 lecture instructions, comprehensive materials, refreshments, certificates, etc., excludes VAT & TAX.

Seats are limited and the application /nomination would be selected on a First Come First served basis, **Registration Deadline is 30th September 2023.**

For further information, please contact to DCE office, BUET, Cell: **01303183113**, 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>

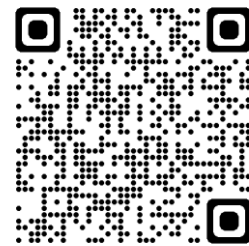
We would appreciate it if you could kindly participate and/or nominate the concerned official(s) from your esteemed organization in this proposed short course.

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 scan below





DIRECTORATE OF
CONTINUING EDUCATION
BANGLADESH UNIVERSITY OF ENGINEERING & TECHNOLOGY

Short Course

Fire Hydrant System (Standpipe and Fire pump)

Date

13-15 October 2023

Location

3rd Floor, Institute Building, BUET



CONTINUING EDUCATION
Path to Excellence



CONTACT

Director
Directorate of Continuing Education (DCE)
BUET, Dhaka-1000

Tel: 02 58610738
PABX: 02 55167228-57 ext. 7848, 7452
Cell: 01303183113
Email: info@dce.buet.ac.bd

October 2023						
SUN	MON	TUE	WED	THU	FRI	SAT
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	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, **203** short courses/training workshops have been offered to serve more than **10,000** professionals.

SHORT COURSE OUTCOMES

At the end of this course, participants are expected to learn and subsequently apply knowledge on:

- Identification of construction industry-specific safety hazards and effectively managing their risks of accidents.
- Preventing human injury/fatality and property damage associated with high-risk activities in construction projects with robust application of appropriate control measures as per local and international safety standards.
- Avoiding financial loss and legal consequences related to accidents and thereby minimizing execution costs and ensuring on-time completion of a project.
- Selecting the right contractors, developing their competency, monitoring & evaluating Safety performance, and ensuring accident-free work output from contractors.

RESOURCE PERSON

Experts from both **Academic and Professional** domains will conduct the proposed short course. For details please visit: dce.buet.ac.bd

DURATION

06 – 08 October 2023: 3 days
(Friday - Sunday)

LANGUAGE

English and Bangla

CERTIFICATE

Certificate of attendance will be provided.

Short Course on Safety Management in Construction Industry

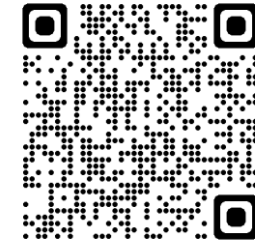


06 – 08 October 2023
BUET, Dhaka

Organized by

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

For registration in this course, please scan below



The construction industry of Bangladesh is growing rapidly but unfortunately is characterized as one of the most hazardous industries of the country because of inadequate safety measures in place, causing frequent workplace accidents including serious injuries or fatalities to the construction workers, and even to external people. The major causes of these unexpected accidents are a lack of construction safety-related education, awareness, and sensitivity among the stakeholders related to a construction project, all together, with poor safety management. Ensuring effective implementation of safety measures at construction projects not only can save human lives but also can help to avoid financial loss or legal consequences, eventually leading to a successful and accident-free completion of a construction project.

This course intends to disseminate proper knowledge on safety hazards & risks and more importantly, local and international standards recommended measures essential to implement at construction sites, with an ultimate goal of preventing accidents and thereby helping the country's construction industry in attaining a healthy & safe workplace.

WHO SHOULD ATTEND?

This short course is designed for anyone who has an interest in occupational safety management particularly in construction projects. The following participants will get the most benefit from attending this short course:

- Project Directors / Project Managers
- Construction Site Managers
- Project / Site Engineers
- Site Civil Supervisor
- Health & Safety Managers
- Project /Site Safety Officers
- Compliance Officers
- Graduates looking for Safety professional jobs

PROGRAM OVERVIEW

Contents of the workshop are:

- Construction Safety: Scenario in Bangladesh
- How Safety Management benefits Construction Project
- Hazards and Risks in Construction Industry
- Risk Assessment and Control Measures
- Contractors Selection and Management
- Fall Protection & Prevention during Work at Height
- Scaffolding Safety Requirements
- Crane Operations & Lifting Safety
- Safety in Hot Work to Prevent Fire and Human Injury
- Electrical Works: Risks and Controls
- Excavation Safety Essentials
- Heavy Equipment and Vehicle Operations Management
- Emergency Management and Response
- Preventing Accidents through Safe Work Practices
- Group Exercise
- Road Work Zone Safety:
 - ✓ Concerns, Safety Concepts, and Global Practices
 - ✓ Critical Safety Issues in Bangladesh
 - ✓ Standard Templates
 - ✓ Hazard Identification for Existing/Ongoing Projects
 - ✓ Case Studies

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 15,000/- per Person (Tk. Fifteen Thousand Only)

The fee will cover printed lecture instructions, 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.

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

REGISTRATION FORM

Short Course On Safety Management in the Construction Industry 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 Oder/Demand Draft:

Signature:

Date:

Trainer's Biography



Engr. Asif Iqbal, CSP is a prominent, well-experienced and top global credentials holder HSE/Safety & Risk Management Professional and Corporate Trainer in Bangladesh. He is the country's 1st ever 'Certified Safety Professional (CSP)' awarded by Board of Certified Safety Professionals of USA; a Chartered Member of Institution of Occupational Safety & Health (IOSH) - UK based the largest global S&H professionals membership organization, and so far the only IOSH awarded 'Chartered Safety & Health Practitioner' in Bangladesh. Mr. Asif has enriched his long successful career through working in some renowned global companies of oil & gas, manufacturing, pharma, and energy industries. Currently he works at Germany-based energy & engineering company Siemens Bangladesh as 'Country Head of EHS & QM'. Earlier he worked at Chevron & Novartis in Operations, Engineering and Health, Safety & Environment (HSE).

Mr. Asif received extensive local and overseas professional trainings as well as international assignments in several countries. He played a key role as an auditor in various prestigious corporate global HSE compliance audits in multiple industries both at home & abroad. After graduating as a Mechanical Engineer from BUET, Mr. Asif obtained his MBA from North South University, Dhaka. In addition of being a CSP and Chartered S&H Practitioner, he also achieved a number of globally accredited H&S certifications, that includes NEBOSH (UK), OSHA General Industry (USA), OSHA Construction Industry (USA), Certified Incident Investigator (Singapore), Lead Auditor on ISO 45001 (OHSMS) & ISO 14001 (EMS), Certified HSE Practitioner (Chevron USA) etc. Apart from his profession, Mr. Asif actively contributes to the country's industrial sectors through disseminating knowledge/expertise to industry professionals at multiple platforms as a Corporate Trainer / Guest Speaker; he also supports several companies as a Safety & Risk Management Consultant. Additionally, he works as a Guest Faculty at IBA (DU) for some PGD Programs. Currently he is involved in some noteworthy initiatives jointly taken by Dhaka Chamber of Commerce & Industry (DCCI), ActionAid and World Vision Bangladesh, to support / strengthen country's private sectors in Disaster Risk Management and Business Continuity Management.



Dr. Md Asif Raihan is an Associate Professor of the Accident Research Institute (ARI) at Bangladesh University of Engineering and Technology (BUET). Dr. Raihan completed his Ph.D. at Florida International University (FIU), USA. While doing his Ph.D., he worked on Florida Department of Transportation's (FDOT's) research projects as one of the key researchers. FDOT District One incorporated his research results for the Congestion Management Process (CMP) to prioritize low-cost, near-term highway improvements on the Strategic Intermodal System (SIS) of Florida, USA. He developed Florida-specific Crash Modification Factors (CMFs) for bicycle crashes which won him the 2017 Daniel B. Fambro Best Student Paper Award from the Institute of Transportation Engineers (ITE) – the highest student award from ITE.

Furthermore, Dr. Raihan recently has won the 2022 AME20 Best Up-and-Coming Paper Award from the Transportation Research Board's (TRB's) Standing Committee on Women and Gender in Transportation in January 2023 and the 2022 Outstanding Paper Award from TRB's Committee on Pedestrians ACH 10 – which are the highest nominations for any transportation researcher. His research interests include application of data mining and machine learning algorithms in transportation safety and mobility, GIS-based crash analysis, transportation asset management, transportation planning, ITS, and road work zone safety. He has published in the Accident Analysis and Prevention (AAP), Transportation Research Record (TRR), Traffic Injury Prevention, IATSS Research, ITE, and ASCE Journals. He is also a reviewer of TRR, Habitat International, Journal of Transportation Safety and Security, Traffic Injury Prevention. Dr. Raihan is now actively involved in a number of consultancy projects sponsored by the World Bank, Global Road Safety Partnership (GRSP), and the Government of Bangladesh.



Short Course on
SAFETY MANAGEMENT IN CONSTRUCTION INDUSTRY

06-08 October 2023 (20 Hours)

Directorate of Continuing Education (DCE)

Bangladesh University of Engineering and Technology (BUET)

Program Schedule

Day	Time	Event		
Day-01				
06.10.2023 (Friday)	9:00 AM - 9:30 AM	Registration		
	9:30 AM - 10:00 AM	Inaugural Ceremony and Introduction		
	10:00 AM – 11:00 AM	Lecture 1: Overview on Road Work Zone Safety: Scenario in Bangladesh	Dr. Md Asif Raihan Associate Professor, Accident Research Institute (ARI), BUET	
	11:00 AM – 11:15 AM	Tea Break		
	11:15 AM - 12:00 PM	Lecture 2: Course Overview, Safety Scenario at Construction Industry in Bangladesh	Engr. Asif Iqbal, CSP Country Head of EHS & QM, Siemens Bangladesh	
	12:00 PM - 12:45 PM	Lecture 3: How Effective Safety Management benefits Construction Project Execution		
	12:45 PM - 2:15 PM	Lunch & Prayer Break		
	2:15 PM - 3:15 PM	Lecture 4: Hazards & Risks at Construction Industry and Causes of Accidents		
	3:15 PM - 4:15 PM	Lecture 5: Risk Assessment and Control Measures		
	4:15 PM - 4:45 PM	Tea & Prayer Break		
	4:45 PM - 6:00 PM	Lecture 6: Fall Prevention during Work at Height		
Day-02				
07.10.2023 (Saturday)	9:00 AM - 11:00 AM	Lecture 7: Crane Operations & Lifting Equipment Safety: Administrative & Engineering Controls	Engr. Asif Iqbal, CSP	
	11:00 AM - 11:15 AM	Tea Break		
	11:15 AM - 12:15 PM	Lecture 8: Scaffolding Safety Requirements		
	12:15 PM - 1:00 PM	Lecture 9: Safety in Hot Work to Prevent Fire, Explosion & Human Injury		
	1:00 PM - 2:00 PM	Lunch and Prayer Break		
	2:00 PM - 3:00 PM	Lecture 10: Electrical Works: Risks and Controls		



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06-08 October 2023 (20 Hours)

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Program Schedule

Day	Time	Event	
	3:00 PM - 3:45 PM	Lecture 11: Excavation Safety Essentials	
	3:45 PM - 4:30 PM	Lecture 12: Heavy Equipment & Vehicle Operations	
	4:30 PM - 5:00 PM	Tea & Prayer Break	
	5:00 PM - 5:45 PM	Lecture 13: Emergency Management and Response	
	5:45 PM - 6:00 PM	Prayer Break	
	6:00 PM - 6:30 PM	Lecture 14: Contractors Selection and Management	
	6:30 PM - 7:00 PM	Lecture 15: Preventing Construction Accidents through Safe Work Practices	
Day-03			
08.10.2023 (Sunday)	3:00 PM - 4:15 PM	Group Exercise	Engr. Asif Iqbal, CSP
	4:15 PM - 4:45 PM	Tea & Prayer Break	
	4:45 PM - 5:45 PM	Group Exercise (continue)	
	5:45 PM - 6:00 PM	Prayer Break	
	6:00 PM - 7:00 PM	Lecture 16: Road Work Zone Safety: <ul style="list-style-type: none">• Concerns, Safety Concepts and Global Practices• Critical Safety Issues in Bangladesh• Standard Templates	Dr. Md Asif Raihan
7:00 PM - 7:15 PM	Tea Break		
7:15 PM - 8:30 PM	<ul style="list-style-type: none">• Hazard Identification for Existing/Ongoing Projects• Case Studies		
	8:30 PM - 9:30 PM	Certificate Distribution and Closing Ceremony	