



No.DCE/007(195)/.....

Date: 18.10.2022

Announcement of Short Course on  
**“Fire Hydrant System (Standpipe and Fire pump)”**  
18-19, 25-26 November 2022

Dear Sir/Madam

We have the pleasure to inform you that a 4 day long Short Course on **“Fire Hydrant System (Standpipe and Fire pump)”** is going to be organized by the Directorate of Continuing Education (DCE), BUET on 18-19, 25-26 November 2022.

Fire hazards in Bangladesh are a recurring phenomenon with overwhelming loss of life and property. Among the different fixed fire protection systems available, the Standpipe and Hose System is one of the most widely used fire protection systems employed in almost all the occupancies in Bangladesh. However, an understanding of the design aspects, installation, maintenance and testing of the Standpipe and Hose systems and the associated components such as the Fire pump is extremely important for the proper functioning of these systems during a fire event. This course has been developed to address both the fundamental and advance aspects of fire hydrant system for efferent facilities. The main aim of this workshop is to provide a sound understanding and working knowledge on the requirement of standpipe systems, its components, hydraulic calculation for fire demand, fire pump selection etc. for industries and commercial establishments. Highly qualified, professionally trained, reputed and experienced resource persons in the related areas, having ample theoretical and practical knowledge with current information has been invited to conduct this short course.

Registration fee for this short course is Tk.15,000/- (Fifteen thousand only) per person to be paid in advance, through Pay-Order/Demand Draft, in favor of "Director, BRTC, BUET". Course registration fee may also be paid made electronically at Savings Account No. 4404034173888, Account Name: Director, Directorate of Continuing Education (DCE), Sonali Bank Ltd., BUET Branch, Dhaka with online registration as described in our website: <https://dce.buet.ac.bd>. Course Fee includes all cost of course materials, exams & certificate etc. and excludes VAT & TAX. Seats are limited and the application/nomination would be selected as **First Come First Serve basis**. Registration Deadline is **10 November, 2022**.

For further information, please contact to DCE office, BUET, Cell: **01720-329816, 01745-206831**, Tel: **58610738**, PABX. 55167100 Ext.7848, e-mail: [info@dce.buet.ac.bd](mailto:info@dce.buet.ac.bd). You may also visit our official website: <https://dce.buet.ac.bd> to have more information regarding the details of course content and instructor's biography as well as online registration procedure.

It is highly appreciated if you could kindly participate and/or nominate concerned official(s) from your esteemed organization in this proposed short course to have a safe and sustainable construction industry in Bangladesh.

We look forward to hearing you soon.

**Prof. Dr. Mohammad Nasim Hasan**

Director, Directorate of Continuing Education (DCE)

Bangladesh University of Engineering and Technology

Cell: 01921-506445; Mail: [dirdce@dce.buet.ac.bd](mailto:dirdce@dce.buet.ac.bd), [nasim@me.buet.ac.bd](mailto:nasim@me.buet.ac.bd)

## CONTACT

### Director

**Directorate of Continuing Education (DCE)**

BUET, Dhaka-1000

Cell: 01720 329816 Tel: 02 58610738

PABX: 02 55167228-57 ext. 7848, 7452

Email: [info@dce.buet.ac.bd](mailto:info@dce.buet.ac.bd); [dirdce@dce.buet.ac.bd](mailto:dirdce@dce.buet.ac.bd)

Web: <https://dce.buet.ac.bd>

**\* BUET weekly holidays are Thursday & Friday**

November-2022						
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			



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## SHORT COURSE OUTCOMES

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

- Providing the understanding of the principles, components of fire stand pipe and fire pumping systems.
- Providing the understanding of Hydraulic Calculations for selecting the fire pump.
- Handing over the documentations and reporting for fire Hydrant systems
- Giving participants the foundation knowledge and skills to perform limited routine service activities on fire hydrant systems
- Providing the knowledge of stand pipe for high rise building

## RESOURCE PERSON

Experts from both academic and professional domain will conduct the proposed workshop. For details of the course content, program schedule and resource person biography, please visit:

Web: <https://dce.buet.ac.bd>

## DURATION

18-19, 25-26 Nov. 2022: 4 days (Friday-Saturday)

## LANGUAGE

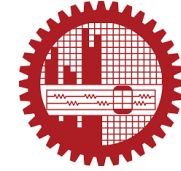
English and Bangla

## CERTIFICATE

Certificate of participation of the workshop will be provided.

## Short Course On

# Fire Hydrant System (Standpipe and Fire pump)



**18-19, 25-26 Nov. 2022**

*Organized by*

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

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## PREAMBLE

Fire hazards in Bangladesh are a recurring phenomenon with overwhelming loss of life and property. Among the different fixed fire protection systems available, the Standpipe and Hose System is one of the most widely used fire protection systems employed in almost all the occupancies in Bangladesh. However, an understanding of the design aspects, installation, maintenance and testing of the Standpipe and Hose systems and the associated components such as the Fire pump is extremely important for the proper functioning of these systems during a fire event.

This course has been developed to address both the **fundamental and advance aspects of fire hydrant system** for efferent facilities. The main aim of this workshop is to **provide a sound understanding and working knowledge** on the requirement of standpipe systems, its components, hydraulic calculation for fire demand, fire pump selection etc. for **industries and commercial establishments**.

## WHO SHOULD ATTEND?

This course is for Engineers/Technical Personnel employed in the fire protection management/industry eager to learn new skills and therefore enhance career opportunities. Experienced Technical Personal can use the course to top up and validate existing skills and knowledge.

The following participants will get the most benefit from attending this short course:

- Practicing MEP Engineers
- Fire Safety Professionals
- Safety and Security Professionals
- Health & Safety Managers
- Compliance Officers
- Fire Safety Equipment Manufacturers/Importers

## PROGRAM OVERVIEW

- Standpipe System Requirements
- Component of Standpipe System
- Standpipe system installation
- Standpipe system design & Hydraulic calculation
- Standpipe system acceptance and maintenance
- Fire pump basic requirements
- Fire pump components & accessories
- Fire pump installation
- Fire pump for high rise building
- Pump maintenance

## VENUE

Directorate of Continuing Education (DCE), 3<sup>rd</sup> 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 lecture instructions, workshop kits, comprehensive materials, refreshments, certificate etc.

## PAYMENT

Registration Fee is to be paid in advance payable through Pay Order/Demand Draft (DD) in favor of **Director, BRTC, BUET.**

Online registration can be made following instructions as outlined: <https://dce.buet.ac.bd>

For more information: **01720 329816**

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

## REGISTRATION FORM

### Workshop On Fire Hydrant System (Standpipe and Fire pump) 18-19, 25-26 November 2022 DCE, BUET

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

Name: .....

Designation: .....

Organization/Company: .....

Address:.....

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Cell Phone: .....

Email: .....

#### Payment:

- Pay Order
- Demand Draft (DD)

*Please attach the original copy of payment.*

#### Details of Pay Oder/Demand Draft:

.....

Signature: .....

Date: .....