

DIRECTORATE OF
CONTINUING EDUCATION

BANGLADESH UNIVERSITY OF ENGINEERING & TECHNOLOGY (BUET)

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https://dce.buet.ac.bd

No. DCE-007(245)/176





Date: 10/12/2024

**Announcement of Short Course ‘Pump Operations, Maintenance, and Testing’
Organized by Directorate of Continuing Education (DCE), BUET.**

Dear Sir/Madam

We are pleased to announce a specialized **short course on ‘Pump Operations, Maintenance, and Testing’** designed to enhance technical expertise and operational efficiency for professionals in the field.

This course is designed for maintenance personnel, plant operators, engineers, and industry professionals involved in pump systems who seek to enhance their technical skills. Participants will gain in-depth knowledge of pump operations, maintenance, and performance testing, equipping them with practical techniques to improve system reliability, reduce downtime, and optimize efficiency.

-  **Date:** 31 January & 01-02 February 2025 (3 Days)
-  **Time:** 9:00AM – 5:00PM (Approximately)
-  **Location:** 3rd Floor, Institute Building, DCE, BUET.
-  **Course Fee:** 15,000 BDT (Fifteen Thousand Taka Only)

Registration Deadline: 16 January 2025

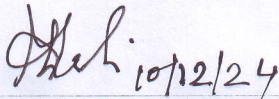
The registration fee for the short course is to be paid in advance, through Pay-Order or Demand draft, in favor of “**Director, BRTC, BUET**”. Course registration fee may also be electronically deposited at Savings Account Number - **4404034173888** (Routing Number – **200270522**) Account Name: **Director, Directorate of Continuing Education (DCE), Sonali Bank Ltd., BUET Branch, and Dhaka.**

Course Fee includes all costs of printed course materials, exams & certificates, etc., and **excludes VAT & TAX.**

Seats are limited and the application /nomination would be selected on a First Come First Serve basis. For further information, please contact at **01611510056**, E-mail: info@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 the short course.

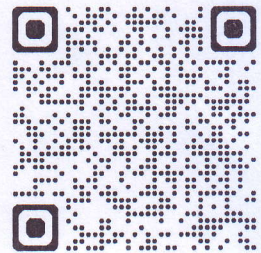
Thank you.



Prof. Dr. Mohammad Ali

Director, Directorate of Continuing Education,
BUET, Dhaka-1000

Register Here!



CONTACT

Director

Directorate of Continuing Education (DCE)

BUET, Dhaka-1000

Tel: 02 58610738

PABX: 02 55167228-57 ext. 7848, 7452

Cell: 01611510056

Email: info@dce.buet.ac.bd

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

February

Su	Mo	Tu	We	Th	Fr	Sa
						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	

January

Su	Mo	Tu	We	Th	Fr	Sa
			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, **241** short courses/training workshops have been offered to serve more than **11,500** professionals.

Short Course Outcomes

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

- Understand the fundamentals of pump operation and fluid dynamics.
- Identify various types of pumps and their industrial applications.
- Learn methods for proper pump selection based on system requirements.
- Analyze performance parameters like flow rate, pressure, and efficiency.
- Troubleshoot common pump issues, such as cavitation and vibration.
- Conduct preventive maintenance, including inspections and lubrication.
- Perform corrective maintenance, including component repairs and replacements.
- Identify early warning signs of pump wear or failure.

RESOURCE PERSON

Experts from both **Academic and Professional** domains will conduct the proposed short course.

For details please visit: dce.buet.ac.bd

Registration Deadline

16 January 2025 (Thursday)

LANGUAGE

English and Bangla

CERTIFICATE

A certificate of attendance will be provided.

Short Course On

Pump Operations, Maintenance and Testing



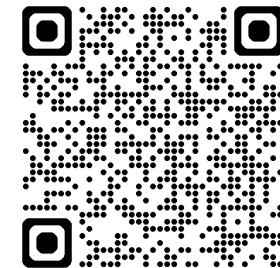
BUET, Dhaka

31 January & 01-02 February 2025

Organized by

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

[Register Here!](#)



Pumps are essential components in various industries, enabling efficient fluid movement for diverse applications. Proper pump operation requires skilled personnel to monitor flow rates, pressure, and power consumption, ensuring optimal performance. Routine maintenance, including inspections, lubrication, and part replacements, is crucial for maximizing pump efficiency, extending lifespan, and preventing failures. Safety measures, such as pressure relief devices and system controls, minimize operational risks. Adherence to safety standards and regular audits ensures compliance, while training staff on pump operations, maintenance, and emergency protocols enhances reliability and safety. Elevate your expertise in pump operation, maintenance, and safety by enrolling in the **Short Course by DCE, BUET**. This program offers:

- In-depth knowledge aligned with local and international standards.
- Expert-led theoretical and practical sessions.
- Hands-on learning to enhance technical skills.

Don't miss this opportunity to boost your professional growth. **Register now!**

WHO SHOULD ATTEND?

This Short course is targeted to a wide range of professionals working in pump operation, maintenance selection, testing and commissioning and will greatly benefit:

- Facility & Utility Engineers
- Operation Personnel
- Maintenance and Troubleshooting Personnel
- High Pressure Pumps Operators
- Supervisors & Technicians
- Team Leaders
- Enthusiasts & Mentors

PROGRAM OVERVIEW

Contents of the workshop are:

- Function of Pump, Fluid Properties and Major Components
- Category, Rotary, Reciprocating Pumps and Pump Staging,
- Pump Design, Selection, Specific Pump.
- Pump Performance, Cavitation, NPSH, System Curve and Best Operating Condition
- Submersible Pump, Scaling and Maintenance
- Hands on training of Centrifugal and Submersible Pump.

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, workshop kits, Printed comprehensive materials, refreshments, certificate etc. **Excludes VAT & TAX**

PAYMENT

Registration Fee is to be paid in advance payable through

1. Pay Order/Demand Draft (DD) in favor of

Director, BRTC BUET, Dhaka OR

2. Electronically deposited at -

Savings Account No. - 4404034173888

Routing Number - 200270522

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 Pump Operations, Maintenance, and Testing DCE, BUET

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

Registration Batch No:

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 Oder/Demand Draft:

Signature:

Date: