

SHORT COURSE ON
**WATER QUALITY
MANAGEMENT**
FOR
SUSTAINABLE DEVELOPMENT



IUT



OIC

28 November- 1 December 2016

ORGANIZED BY:

**Department of Civil and Environmental Engineering (CEE)
Islamic University of Technology (IUT)**

A Subsidiary Organ of

The Organization of Islamic Cooperation (OIC)

Board Bazar, Gazipur- 1704, Bangladesh

www.iutoic-dhaka.edu/short_course

Introduction

Islamic University of Technology (IUT), a subsidiary organ of the Organization of Islamic Cooperation (OIC), has been established with an aim to develop the vast human resources of the Member States of OIC. The objectives of the university include imparting education and training, conducting research and upgrading the manpower at different levels to international standards.

In order to achieve these objectives, IUT offers a number of regular courses at various levels leading to the award of Degrees and Diplomas in the fields of Engineering and Technologies, and Technical & Vocational Education. In addition to these core programs, the University also organizes national and international Short Courses, Seminars, Workshops, etc. to upgrade and update the skill and knowledge of professionals at different levels and to share technical know-how among the professionals of the Member States.

Course Objectives

Adequate water is critical for socio-economic development and for human survival itself which makes water management a core of sustainable development. Availability of fresh water is scarce in several regions especially in the developing countries due to rapid and unplanned urbanization, industrialization, economic expansion and lack of pollution control. Thus, water quality management for available sources has become crucial for developing countries. A sound water quality management not only deals with policies and strategies of proper water governance but also with the water safety plan. The content of the course aims at updating delegates in international practices and techniques related to water quality management.

Course Outline

The short course consists of lectures, knowledge sharing, demo sessions and one field visit session. The selected topics will reflect the aforesaid course objectives. Tentative topics that will be covered:

- Watershed Management
- Water Quality Assessment Techniques
- Water Sampling and Analysis Techniques
- Water Treatment Technologies
- Policy and Strategy for Water Quality Management
- Water Governance
- Indicator Bacteria and WHO Guideline
- Analysis Techniques for Microbiological Parameters
- Significance of Safe Drinking Water
- Water Safety Plan

Medium of Instruction

The medium of instruction for the short course will be English.

No. of Participants

The total number of participants is limited to **30**.

Prospect Beneficiary

The 4-days intensive short course is designed for engineers and managers involved in water supply and pollution control, graduates and postgraduates students in Civil Engineering, Water Resource Engineering and Environmental Engineering. It is also suitable for scientists and professionals responsible for planning, development and implementation of water quality policies, strategies and programs in the member states of OIC. Researchers and teachers of Civil Engineering Department interested on water quality management will also be benefited from this short course.

Time, Venue and Climate

- The short course will be held from **28 November – 1 December, 2016**
- It will be held in the premises of IUT campus at Board Bazar, Gazipur, Bangladesh. Additional information on IUT campus is available at the website www.iutoic-dhaka.edu
- The weather during November- December is generally mild and the temperature ranges from 13° to 28°C

Application Procedure

The intending participants should be nominated by the respective authority or government. The participants may also apply directly by sending the filled out registration form to the short course coordinator or through online portal on or before **30 October, 2016 (International participants)** and **15 November, 2016 (Local participants)**.

Registration Fees & Facilities

The registration fee for the short course is Tk. 5000 for local participants and US\$ 200 for foreign participants. For all the participants the university will provide course materials and hospitality which include local transport, furnished accommodation and food at IUT.

Visa Requirements

A valid passport and visa are required to attend the short course for foreign participants. For further inquiry regarding visa, please contact **Md. Nahidul Islam Prodhan** (*Assistant Protocol Officer, IUT*)

E-mail n.islam@iut-dhaka.edu
protocol@iut-dhaka.edu / Cell: +880-1717138354

Chief Patron

Prof. Dr. Munaz Ahmed Noor
Vice Chancellor, IUT

Course Officials & Resource Persons

- **Prof. Dr. Md. Tarek Uddin**
Head, Department of CEE, IUT
- **Prof Dr. Md. Rezaul Karim**
Course Coordinator
Department of CEE, IUT
- **Dr. Mohammad Shahedur Rahman**
Assistant Professor,
Department of CEE, IUT
- **Dr. M. Habibur Rahman**
Professor
Department of CE, BUET
- **Dr. Abdullah Al-Muyeed**
Technical Adviser- WASH, Water Aid
Bangladesh
- **Dr. Tanvir Ahmed**
Associate Professor
Department of CE, BUET
- **Dr. Zahid Hayat Mahmud**
Associate Scientist & Head
Environmental Microbiology Laboratory
ICDDR,B, Dhaka

Contact Address

All inquiries concerning the Short Course should be addressed to:

Prof. Dr. Md. Rezaul Karim

Course Coordinator
Department of CEE
Islamic University of Technology
Board Bazar, Gazipur – 1704, Bangladesh.
E-mail: rezaulmd@gmail.com
Cell: +880-1714087301
Tel: (880-2)-9291254~59 ext-3345
Fax: (880-2)-9291260

REGISTRATION FORM

Registration can be done by filling
this form or through online portal

Online Portal: www.iutoic-dhaka.edu/short_course

Name

Designation

Organization

Contact Address with Phone no. & Email

Method of Payment

For local participants

PAY ORDER/CHEQUE IN FAVOR OF
Islamic University of Technology
Account No. **4018-085407-430**

For foreign participants

FCAD Account No. **4004 -099724 -030**

AB Bank Ltd.

Motijheel Branch, 8, Rajuk Avenue,
Dhaka, Bangladesh.

Tel: 9563011-5, 9556077, 9555586
SWIFT CODE: **ABBLBDDH 004**