

FIFTH VIRTUAL WORKSHOP OF NITUB



WORKSHOP ON THE USE, MAINTENANCE AND TROUBLE-SHOOTING OF LIQUID CHROMATOGRAPHY- MASS SPECTROMETRY (LC-MS)

26 June 2021

Organized by

Network of Instrument Technical personnel and User scientists of Bangladesh (NITUB)

Venues

ONLINE (Zoom Platform)

Programme Committee

Professor Mohammed Shoeb Department of Chemistry University of Dhaka (DU)	Convener
Professor Nilufar Nahar Former Chairperson Department of Chemistry, DU and Treasurer, NITUB	Member
Professor Begum Rokeya Department of Pharmacology BUHS, Dhaka and Joint Secretary, NITUB	Member

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Background

The Network of Instrument Technical personnel and User scientists of Bangladesh (NITUB), a voluntary non-profit, non-political learned society, is functioning since 1994 with the aim to improve the capability of scientists and technical personnel of Bangladesh to use, maintain and repair scientific equipment.

NITUB is regularly conducting training programmes on the use and maintenance of specific groups of instruments such as GC, HPLC, AAS, UV-VIS, IR and X-ray etc. So far, NITUB has conducted 76 training programmes. NITUB is also conducting Instrument Repair Programme through out the year through which non-functioning scientific instruments are being repaired.

However, the situation is different now due to the COVID-19 pandemic and therefore, real training programmes of NITUB could not be arranged since March 2020. The Executive Committee of NITUB in a meeting, decided to organize virtual workshops which will be mainly lectures on the use, application, maintenance and trouble-shooting on scientific equipment. The 1st such virtual workshop was on HPLC in the month of October 2020, 2nd was on GC in the month of November 2020, 3rd was on UV-VIS and IR Spectrometers in the month of December 2020 and the 4th was on AAS in the month of February 2021. The fifth virtual workshop will be on LC-MS to be held on 26 June 2021.

Workshop

The LC-MS workshop will include three theoretical lectures on the use, maintenance and trouble-shooting of LC-MS.

Participants

A maximum of 20 (Twenty) participants will be selected from among the applications of scientists and technical personnel of public and private educational institutes and research organizations. Regional and International applicants are also welcome to apply.

Registration

Applications to participate in the 5th Virtual Workshop of NITUB on LC-MS should reach the General Secretary, NITUB, on or **before 21 June 2021** in the form given in the circular. Application must be sent through proper channel along with a training fee of **BDT. 500/- (Bangladesh Taka Five Hundred only)** in the form of a bank draft, pay order or on-line payment in the name of **NITUB** (Sonali Bank Limited, Dhaka University Campus Corporate Branch, Account No. 4405734255099) or **bKash No. 01711-984234** (with bKash charge). Selected participants will be informed with **Zoom link** by **24 June 2021** and **E-Certificate** will be given to participants of the 5th virtual workshop of NITUB.

Programme

26 June 2021 (Saturday)

1400-1420 - Registration and Inauguration

1420-1520 - **Lecture 1: Introduction and basic principles of Liquid Chromatography Mass Spectrometry (LC-MS)**

by Professor Nilufar Nahar
Former Chairperson
Department of Chemistry, DU
and Treasurer, NITUB

1530-1630 - **Lecture 2: Application and Analyzer of LC-MS**

by Professor Mohammad Shoeb
Department of Chemistry
University of Dhaka (DU)

1640-1740 - **Lecture 3: Troubleshooting and maintenance of LC-MS**

by Mr. Ziaur Rahaman,
AGM (Application),
Medi Graphic Trading Ltd.

1740-1810 - Open discussion and closing



FIFTH VIRTUAL WORKSHOP OF NITUB on the use, maintenance, trouble-shooting of Liquid Chromatography- Mass Spectrometry (LC-MS)

26 June 2021

APPLICATION FORM

Name of the applicant (Block Letter)	
Date of birth	
Academic qualification	
Designation	
Institute/Organization with address	
Phone / cell phone number	
E-mail Address	
Any previous training, If yes, please specify.	
Date:	Signature of the applicant

Recommendation from the Head of Institution / Organization

Date:

Signature:

Name & Seal: