

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

Full Activity Report-2023

Network of Instrument Technical personnel and User scientists of Bangladesh (NITUB) is a registered [registration number: **S-7887(1077)08**] voluntary, non-profitable, non-political learned society dedicated to scientific education and research. NITUB is functioning since July 1994. The following are the activities of NITUB of 2023:

NITUB conducts its training programmes and other activities laboratory based. NITUB's stakeholders expect hands-on training and about 70% of the total time of a training programme is dedicated for practical sessions.

Training programmes/ Workshops

One of the main objectives of NITUB is to conduct training programmes on specific group of instruments to update the knowledge of user scientists and technical personnel on instrumentation so that scientific equipment of different institutions function properly and scientific research could be carried out effectively. In the year 2023 NITUB organized three (3) training programmes (82nd Training Programme on the use, maintenance and trouble shooting of **UV-VIS and IR Spectrophotometer**; 83rd Training Programme on the use, maintenance and trouble shooting of Common Medical Equipment (**CME**); 84th Training Programme on the use, maintenance and trouble shooting of High-performance liquid chromatography (**HPLC**)). In which 43 young faculties, postgraduate students, scientists and technical personnel of different public and private universities and research organizations were trained. Of these 43 participants, 17 were female participants. The report of those programmes of NITUB of 2023 is attached herewith. (Enclosure –II-IV).

Instrument Repair Programme:

This programme of NITUB is conducted by the instrument engineers and technical experts of NITUB. They go personally to the institute from where the service was asked for. Through this programme of NITUB, ninety four (94) non-functioning scientific instruments of different educational and research organizations of Bangladesh have been repaired in the year 2023. The reported book value of these scientific instruments is approximately BD Taka 22,980,000.00/- (U.S. \$ 209,004.09) and NITUB spent approximately BD Taka 82,480.00/- (U.S. \$756.07/-) to repair these instruments.

. A detailed list of repaired instruments is enclosed in Enclosure--V

Executive Committee (EC) meetings of NITUB:

All activities of NITUB have to be approved in the Executive Committee (EC) meetings. In 2023, the Executive Committee of NITUB met in three times (118th, 119th, & 120th). All the activities of NITUB of 2023 were designed, approved and also executed as per decisions taken in the EC meetings.

Publication:

NITUB used to post all its activities on its website (www.nitub.org). However, NITUB also publishes brochures, profiles, manuals etc. NITUB has published brochures for the four training programmes and handed over the published training materials to the participants of the programmes 2023.

Other activities :**Membership of NITUB:**

Eleven (11) scientists and technical personnel became members of NITUB in 2023. At present, NITUB has 291 members of which 11 are founding members, 269 are life (including 6 foreign members) and 11 ordinary members. National, regional and international faculty members, graduate students, research scientists, engineers, medical personnel and technical personnel of public and private universities, university colleges, and research organizations are members of NITUB. University faculties, college teachers, graduate students, scientists and technical personnel take part in NITUB activities.

AGM 2022 of NITUB:

The Annual General Meeting of NITUB of the year 2022 (**AGM-2022**) was held in hybrid mode on Thursday, 11 May 2023, at 15:00 hours at the Physics Seminar Room (Room No. 300, 2nd Floor) of MHK Biggyan Bhaban, University of Dhaka, Dhaka-1000. The meeting was presided by the President of NITUB, Professor Mesbahuddin Ahmad. One hundred seventeen (117) (Physically 54 & Vertically -63) of NITUB were present in this AGM members were present in the meeting.

In the Annual General Meeting, all activities of NITUB of 2022, audit report of 2022, programmes of NITUB of 2023 and budget 2023 were approved.

International Conference :

Prof. Dr. Altaf Hussain, General Secretary of NITUB, participated in the 26th Congress and General Assembly of the International Union of Crystallography (IUCr), held in Melbourne, Australia from August 22 to 29, 2023.

IPICS Director Visited NITUB

Dr. Solomon Tesfalidet, the new Director of IPICS, had a meeting with the Executive Committee members of NITUB on June 4, 2023, at 5:30 p.m. at the NITUB office. The meeting was conducted in a hybrid mode. Professor Mesbahuddin Ahmad, President of NITUB, expressed gratitude and extended a warm welcome to the ISP director. Professor Altaf Hussain, General Secretary of NITUB, provided a brief overview of NITUB activities, and Dr. Solomon Tesfalidet expressed his sincere appreciation for all of NITUB's activities.

Acknowledgement:

NITUB gratefully acknowledges the financial support and cooperation of the International Science Programme / International Programme in the Chemical Sciences (ISP / IPICS), Uppsala University, Sweden. NITUB is also grateful for the logistic support and cooperation of the public and private universities and scientific organizations of Bangladesh. The Department of Chemistry, University of Dhaka; Bangladesh University of Health Sciences (BUHS); National Analytical Research and Service (INARS), BCSIR, Dhaka, kindly provided all logistic supports to run the programmes of NITUB of 2023.