

Training programme on  
Installation, use, maintenance and trouble-shooting of few laboratory equipment of the.  
Faculty of Veterinary Science, Bangladesh Agricultural University, Mymensingh.  
held on 17- 19 September 2018

Report

Professor Dr. Sukumar Saha of Bangladesh Agricultural University (BAU), Mymensingh, requested NITUB to help with its resource persons to organize a workshop to install, maintain and trouble-shooting of few equipment bought through a HEQEP project. The workshop was conducted for faculties and technical personnel of BAU. The workshop was conducted by NITUB engineers on 17-19 September 2018 and it was held at the Professor Muhammed Hussain Central Laboratory (PMHCL), BAU. The participants list and detailed programme of the workshop are given below:

Participant List

Sl. No.	Name and address	Sl. No.	Name and address
01.	Tanzina Amin Assistant professor Anatomy and Histologist Department Bangladesh Agricultural University	02.	Md Kamal Uddin Laboratory technician Microbiology and Hygiene Department Bangladesh Agricultural University
03.	Md. Saydur Rahman Lecturer , Microbiology and Hygiene Department Bangladesh Agricultural University	04.	Md Tipu Sultan Senior Demonstrator Physiology Department Bangladesh Agricultural University
05.	Md Ekramul Hoq Assistant professor Bangladesh Agricultural University	06.	Md Mizanur Rahman khan Laboratory Technician Pharmacology Department Bangladesh Agricultural University
07.	Ms Jannatul Fardaus Lecturer Pharmacology Department Bangladesh Agricultural University	08.	Md. Ruhul Amin Laboratory Barer Parasitological Department Bangladesh Agricultural University
09.	Md. Shadat Hossan Assistant Professor Parasitological Department Bangladesh Agricultural University	10.	Md. Nazmul Hasal Laboratory Technician Bangladesh Agricultural University
11.	Dr. Jahanara Begum Assistant Professor Pathology Department Bangladesh Agricultural University	12.	Md. Abdul Malek Helper to Lab Technician Medicine Department Bangladesh Agricultural University
13.	Md. Sonia Parvin Assistant Professor Medicine Department Bangladesh Agricultural University	14.	Md Eftakhayrul Ahsan Senior laboratory Technical Bangladesh Agricultural University

15.	Moynul Hassan Assistant Professor Surgery Department Bangladesh Agricultural University	16.	Md. Anamul Hoq Veterinary Compounder Surgery & obstructs Department Bangladesh Agricultural University
17.	Md Yusuf Ali Lab technician Anatomy and Histology Department Bangladesh Agricultural University	18.	Md Omor Ferdaus Senior Technical Officer Central Research Center Bangladesh Agricultural University

Programme of the Workshop:

17 September 2018 (Monday)

0930-1030 - Registration

1030-1130 - Inauguration

1130-1200 - Tea

1200-1300 - Lecture 1: Familiarization of common laboratory equipment

Md. Tanvir Uddin, Instrument Engineer, NITUB

1300-1400 - Lunch

1400-1630 - Practical session -1

Group – A, Lab. -- I

Spectrophotometer, Autoclave Machine, Incubator (Bacteriological Incubator, Egg Incubator), Microscope, Distillation apparatus (Water Still, W4000)

1. Md. Abul Kalam Chowdhury, Instrument Engineer, NITUB

2. Abdus Salam Patwary, Former Instrument Engineer, ICDDR'B, Dhaka & Pool of Technical Member NITUB

Group –B, Lab. – II

Bio Freezer, Centrifuge Machine, pH-Meter, Hot air oven, Class II Bio-safety cabinet.

1. Md. Tanvir Uddin, Instrument Engineer, NITUB

2. Md. Abir Morshed, Bio-Medical Engineer, Pool of Technical Member NITUB

1630-1700 - Tea

18 September 2018 (Tuesday)

1000-1100 - Lecture 2: Maintenance and Trouble-shooting of Laboratory Equipments

Md. Abul Kalam Chowdhury, Instrument Engineer, NITUB

1100-1130 - Tea

1130-1300 - Practical session -2

Group - B; Lab. - I

Group - A; Lab. - II

1300-1400 - Lunch

1400-1630 - Practical session – 2 (Continuation)

1630-1700 - Tea

19 September 2018 (Wednesday)

1000-1100 - Lecture 3: General knowledge of Fault finding technique of Scientific Equipments,

Basic Electronics and Electricity (Power Supply)

Md. Abul Kalam Chowdhury, Instrument Engineer, NITUB

- 1100-1130 - Tea  
 1130-1300 - Lecture 3: (Continuation)  
 1300-1400 - Lunch  
 1400-1530 - Practical session – 3  
           Group - A; Lab. - I  
           Group - B; Lab. - II  
 1530-1630 - Closing Ceremony & Certificate Distribution  
 1630-1700 - Tea

The closing ceremony was held at the Faculty of Veterinary Science auditorium on 19<sup>th</sup> September 2018. Director Dr. Md. Abu Hadi Noor Ali Khan, Director, PMHCL, BAU, kindly attended the session as the Chief Guest and handed over certificates to the participants. In his speech, He congratulated the participants for successfully completing the workshop and urged them to use the skills and knowledge they learnt during this workshop. Professor Dr. Sukumar Saha, convener of the workshop, also spoke in the closing session and thanked NITUB to help with resource persons for the workshop. He also mentioned in his speech that during the laboratory sessions NITUB resource persons have installed 23 (list given below) equipment of the faculty and trained the participants to use and maintain the equipment. He sought cooperation and help of NITUB to keep the scientific equipment of the University in running condition.

List of equipment installed during the workshop

Sl.No.	Name of equipment	Model No.
1	Tricolor Microscope	Olympus, CX41RF, Philippines
2	Hot Air Oven	2000207 Spiain
3	Telstar	Bioll Advance
4	Spectrophotometer	UV-1600PC
5	Incubator Shaker	ZFICHENE
6	Incubator	Co2 Incubator, MCo175, Japan
7	Biometra Compact	Compact XS/s, power pack p25, Germany
8	Hotplate Stirrer	Model- LMS-ao0, Korea
9	Water Jacketed CO2 Incubator	Model-3111, USA
10	Ultra Centrifuge	Model -6500, Japan
11	Biosafety Cabinet Class-2	Model-1386,USA
12	UV Solo TS	Imaging System, P/N 033000
13	Nihow Freezer	TL TF-300SF-80
14	Incubator	Model- M12-162, Japan
15	Thermal Cycler	C 1000 Tournch, Singapore
16	Incubaror Shaker	Model-SIF 600R, Jelo Tech Co ltd
17	Distilled water Plant	Barnsted A 44o518
18	Steam Sterilizer	-
19	Autoclave	-
20	Micro Centrifuge,	IEC, Micromaz-RF, USA
21	Gel Documentation	SA-100. Bio Science
22	PH Meter	Mettler Toldeo
23	UV-VIS Spectrophotometer,	T 80, Double Beam



Few photographs of the workshop



Few photographs of the workshop