

**Food Microbiology Training courses for graduate students
October-December, 2018 (3 days training)**

Day 1 (10:00 AM to 5:00 PM)

- Introduction of GLP (Good Laboratory Practices) in food Microbiology. Demonstration of GLP and hands on training for maintenance of GLP.
- Preparation of media, dilution solutions and other reagents for Aerobic bacterial count.

Day 2 (10:00 AM to 5:00 PM)

- Introduction of microorganisms and hands on training on sample preparation, media preparation and other reagents preparation of total coliform count and fecal coliform count, and *E. coli*.
- Preparation of media, dilution solutions and other reagents and sterilization for next day experiments

Day 3 (10:00 AM to 5:00 PM)

- Result analysis, calculations and mistake analysis and justification analysis
- Introduction of total aerobic bacteria, total coliforms, fecal coliforms & presence/absence of *E. coli* & in food & water samples.
- Result analysis, calculations and mistake analysis and Justification analysis of total aerobic bacteria, total coliforms, fecal coliforms, presence/absence of *E. coli*.
- Report writing and preparation of materials and reagent for competency study.

The following handouts will be supplied & the trainees must attend each theoretical class before each experiment:

- 1) Introduction of food chain and critical control points of safety
- 2) Water microbiology and safety
- 3) Distribute handouts for pathogens
- 4) Distribute methodology for the determination of each microorganism.
- 5) Demonstration of GLP (Good Laboratory Practices) and hands on training for maintenance of GLP during practice at the laboratory.

Course registration fee:

Tk 10,000/- per participant

Course calendar 2018

October, 2018	7-9 (Sun-Tue)	14-16 (Sun-Tue)	21-23 (Sun-Tue)	28-30 (Sun-Tue)
November, 2018	4-6 (Sun-Tue)	11-13 (Sun-Tue)	18-20 (Sun-Tue)	25-27 (Sun-Tue)
December 2018	2-4 (Sun-Tue)	9-11 (Sun-Tue)	17-19 (Mon-Wed)	23-26 (Sun-Wed)

Venue: WAFFEN RESEARCH LABORATORY, 190/A, Tejgoan-Gulshan Link Road, Dhaka

How to apply?

- Pre-registration is required. The candidates have to apply through e-mail waffenbd@gmail.com or call 01933852655 or 01716494922 in advance to the Director, WAFFEN RESEARCH LABORATORY, 190/A, Tejgoan-Gulshan Link Road, Dhaka. Copies of the certificates regarding, qualification and experience may also be attached.
- Application must reach us before the commencement of the respective training.
- The applicants can also deposit the amount by cash in the office prior to respective training.
- No online transaction of the money is entertained.

Note:

- Intake of participants will be on first come first serve basis. **Only 10 students per batch can be accommodated.**
- Participants will be given lunch and refreshments during the training periods.
- The participants will be given a course completion certificate upon successful completion of the training program.

Course Instructors:

- 1) **Mr. Latiful Bari, PhD** in Food Microbiology and Hygiene and 20 years research and academic background in food safety and food hygiene, and specialties in microbiological hazard analysis in food, feed and water.
- 2) **Ms. Sharmin Zaman, Ph.D.** in Environmental Microbiology with specialty in water quality and safety analysis, and 5-year R & D experiences in Food, Feed, Soil and Water microbiology.
- 3) **Mr. Abu Bakkar Siddique:** BSc (hon's) and MSc in Applied Nutrition and Food Technology with 11 years quality control experiences of Food and feed laboratories. And specialties with biochemical and chemical analysis of water food and feed.
- 4) **Md. Sunzid Ahmed, BSc (Hons) & MSc** in Microbiology, 4 years laboratory research experiences in food feed and water research.

