

# Training Courses September

## The Theory and Application of Marine Microbiome Studies



2024

**Dates:** 08 - 12 September 2024.

**Time:** 09:00 a.m. - 01:00 p.m.

**Fees:** 250 K.D.

**Objectives:** At the end of the course, participants will be able to:

- Perform DNA extraction from marine samples.
- Perform gene-based bacterial identification.
- Use quantitative Polymerase Chain Reaction (qPCR) to carry out bacterial counts.
- Perform Next-Generation Sequencing (NGS) data analysis and community profiling using online tools.

**Prerequisites:** B.Sc., M.Sc., or Ph.D. in microbiology, environmental or medical science, or related fields.

**Instructors:** Dr. Nazima Habibi, and Dr. Saja Fakhraldeen.

**Participants:** Researchers, professionals, technicians, and support staff from KISR and other Kuwaiti institutions who are interested in gaining knowledge on microbiome characterization are expected to enroll for this course.

