

Programme: M.Sc. (Marine Microbiology)

Course Code: MMO 117

Title of the Course: TECHNIQUES IN MICROBIAL OCEANOGRAPHY [P]

Number of Credits: 1

Effective from Academic Year: 2018-19

Prerequisites	It assumed that students have basic knowledge about marine environment/ocean and basic knowledge about analytical techniques and instrumentation. Basic knowledge about microbiology.	
Objective:	This course develops concept about use of different techniques and instrumentation to study microbes in ocean.	
Content:		(24)
1.	Microscopy of marine microorganisms: microalgae/ diatoms/ microzooplankton/ fungi.	
2.	Enumeration of microbes.	
3.	Sampling and retrieval of microbes associated with marine blooms/sponges.	
Pedagogy:	Experiments in the laboratory.	
References/ Readings	As given under Theory Course MMO 110-T	
Learning Outcomes	Development of skilled persons to handle instruments used in oceanography and analytical techniques. Knowledge about how to study microbes in ocean using different sampling strategies, techniques and instrumentation.	