

THE QUALITY OF WATER MANAGEMENT IN AQUACULTURE



LECTURER

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Sign	Knowledge			Skills			Attitude	
	CELO1	CELO2	CELO3	CELO4	CELO5	CELO6	CELO7	CELO8
Expected outcomes of this subject By the end of this course, students will be able to	Explain the physicochemical factors in aquaculture	Evaluation of hydrological and hydrological factors in Aquaculture	Propose a method for managing suitable chemical and physical factors in aquaculture	Use communication skills, presentation and report writing	Teamwork, working independently	Using equipment to determine the value of physical and chemical factors in water environment	Performing good professional ethnic and manner	Applying professional knowledge in working effectively
Outcome standards of curriculum	ELO1	ELO3	ELO2, ELO4	ELO7	ELO6	ELO5, ELO8, ELO9	ELO10	ELO11

Contains of course

The contains of course include 6 chapters:

Chapter 1: Determining water sources in aquaculture ponds.

Chapter 2: Determining the physical properties of the water environment.

Chapter 3: Determining the chemical properties of the water environment.

Chapter 4: Biological targets

Chapter 5: Water quality standards of Aquaculture.

Chapter 6: Determining water quality for aquaculture

Credits and semester

Credits: 3 credits (2 credit of theory, 1 credit of practical)

Semester: 3 (1st semester-2st year)

Methods of study

- + PowerPoint lecturing and asking short questions.
- + Discussion / Group discussions.
- + Searching documents, presenting seminar and making comments
- + Doing practical
- + Sample analysis

Responsibility of student

+ Attendance: Students attend minimum 80% of times of theory and 100% of time of practical

+ Preparation for class: Student must read teaching documents, search documents introduced and read preference documents

+ Attitude: actively participating in providing questions and comments

Evaluation and scores

+ Score scale: 10

+ Weight: Process evaluation: 50%; Final examination: 50%

