

COLLEGE OF FISHERIES, KISHANGANJ
BIHAR ANIMAL SCIENCES UNIVERSITY, PATNA

Lecture Plan/Schedule

Course Title: Meteorology, Climatology and Geography

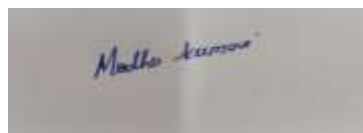
Course No.-AEM-111 (1+1)

Name of Instructure: Mr. Tapus Paul (Theory)

Mrs. Madhu Kumari (Practical)

Theory

Sl. No.	Topic	No. of Classes
1.	Meteorology and Geography – an introduction	1
2.	Weather and Climate	1
3.	Composition of atmosphere and structure of atmosphere	1
4.	Heat energy of atmosphere , disposal of insulation and irregular heating the atmosphere	2
5.	Temperature and Temperature instrument	1
6.	Humidity and water vapour and humidity measuring instrument	1
7.	Condensation and precipitation, Rainfall in India	1
8.	Cloud	2
9.	Atmospheric pressure , Pressure gradients and isobars	2
10.	Wind: charecteristics of wind motion and factors affecting wind motion	1
11	Terrestrial and planetary wind	1
12	Tropical cyclones	1
13	Weather forecasting	1
14	Effect of climate change in Fisheries sector	1
15	Tnroduction to Geography	1
	Total number of classes	18



Signature of Course Instructor

Practical

Sl. No.	Topic	No. of Practical Classes
1.	Graphical representation of the structure of atmosphere	1
2.	Study of different thermometer and measurement of atmospheric temperature	1
3.	Measurement of humidity by using dry bulb and wet bulb thermometer	1
4.	Measurement of dew temperature	1
5.	Study the process of evaporation, condensation and formation of cloud	1
6.	Identification of various types of clouds	1
7.	Study of Meteorological observatory	1
8.	Field visit to Meteorological observatory to study different meteorological instrument	1
9.	Study of Atmospheric pressure and instruments used for measuring atmospheric pressure	1
10.	Understanding weather chart and weather symbol	1
11	Mapping of Indian monsoon	1
12	Wind observation and measurement, wind vane and cup anemometer	1
13	Study of Climate Graphs	1
14	Preparation of Wind Rose	1
15	Interpretation of Weather Graph	
16	The Earth: diagrammatic representation of shape, size, structure, zone latitude, longitude and great circle	1
	Total numbers of practicals	16

Signature of Course Instructor