

# ACADEMIC PLANNER & UNITIZATION OF SYLLABUS

Department of Zoology

Bankura Christian College

ACADEMIC YEAR 2023-24 (Semester 3<sup>rd</sup>)

3<sup>rd</sup> Semester (July to December)

Name: Dr. Chandranath Chatterjee

GE -3

## Theory:

### Unit 1: Introduction

Sources of Environmental hazards, Hazard identification and accounting, Fate of toxic and persistent substances in the environment, Dose response evaluation, Exposure assessment.

### Unit 2: Climate Change

Greenhouse gases and global warming, Acid rain, Ozone layer destruction, Effect of climate change on public health

## Practical:

To determine pH, Cl, SO<sub>4</sub>, NO<sub>3</sub> in soil and water samples from different locations.

MONTH/YEAR	WEEK	Theory	Status	Practical	Status
August 2023	3	Sources of Environmental hazards	Completed	To determine pH of Soil	Completed
	4	Hazard identification and accounting	Completed	Practice of determination pH of Soil	Completed
September 2023	1	Fate of toxic and persistent substances in the environment	Completed	To determine Cl of Soil	Completed
	2	Dose response evaluation	Completed	Practice of determination Cl of Soil	Completed
	3	Exposure assessment	Completed	To determine SO <sub>4</sub> of Soil	Completed
	4	Greenhouse gases and global warming	Completed	Practice of determination SO <sub>4</sub> of Soil	Completed
	5	Acid rain	Completed	To determine NO <sub>3</sub> of Soil	Completed
MONTH/YEAR	WEEK	PORTIONS		Practice of determination NO <sub>3</sub> of Soil	
October 2023	1	Ozone layer destruction	Completed	Practice of Practical	Completed
	2	Effect of climate change on public health	Completed	Practice of Practical	Completed
MONTH/YEAR	WEEK	PORTIONS			
November 2023	1	Questioning and Doubt clearing	Completed	Laboratory Notebook Check	Completed

	2	Revision	Completed	Laboratory Notebook Check	Completed
	5	Final Class Test	Not Done	Practice of Practical	Completed
<b>MONTH/YEAR</b>	<b>WEEK</b>	<b>PORTIONS</b>			
December 2023	1	Revision	Completed	Demo Test of Practical Examination	Completed
	2	Final Class Test	Not Done	Result and discussion	Completed
	3	Result and Discussion	Revision	Final Laboratory notebook check	Completed