UNITIZATION OF SYLLABUS

Department of Zoology

Bankura Christian College

ACADEMIC YEAR 2023-24 **(Semester 5th Prog)**

(July to December)

Name of the Faculty: Dr Anupam Ghosh

PROGRAMME, VTH SEMESTER

Unit 4

Parasitic Protozoans

Life history and pathogenicity of *Entamoeba histolytica*, *Plasmodium vivax* and *Trypanosoma gambiense*

Unit 6: Insects of Economic importance

Biology, Control and Damage caused by *Helicoverpa armigera*, *Pyrilla perspusilla* and *Papilia demoleus*, *Callosobruchus chinensis*, *Sitophilus oryzae* and *Tribolium castaneum*

Unit-7

Insects of Medical Importance

Medical importance and control of *Pediculus, Anopheles, Culex, Aedes*

Unit 8:

Cattle breed, Preservation and artificial insemination in cattle

Unit 10

Fish Technology

Genetic improvements in aquaculture industry; induced breeding and transportation of fish seed.

MONTH/YEAR	WEEK	PORTIONS
August 2023	5	Insects of Economic importance Biology, Control and Damage caused by *Helicoverpa armigera*, *Pyrilla perspusilla* and *Papilia demoleus*, *Callosobruchus chinensis*, *Sitophilus oryzae* and *Tribolium castaneum*
MONTH/YEAR	WEEK	PORTIONS
September 2023	1	Insects of Economic importance Biology, Control and Damage caused by *Helicoverpa armigera*, *Pyrilla perspusilla* and *Papilia demoleus*, *Callosobruchus chinensis*, *Sitophilus oryzae* and *Tribolium castaneum*
	2	Insects of Economic importance Biology, Control and Damage caused by *Helicoverpa armigera*, *Pyrilla perspusilla* and *Papilia demoleus*, *Callosobruchus chinensis*, *Sitophilus oryzae* and *Tribolium castaneum*
	3	Insects of Economic importance Biology, Control and Damage caused by *Helicoverpa armigera*, *Pyrilla perspusilla* and *Papilia demoleus*, *Callosobruchus chinensis*, *Sitophilus oryzae* and *Tribolium castaneum*
	4	Parasitic Protozoans Life history and pathogenicity of *Entamoeba histolytica*, *Plasmodium vivax* and *Trypanosoma gambiense*

	5	Parasitic Protozoans Life history and pathogenicity of *Entamoeba histolytica*, *Plasmodium vivax* and *Trypanosoma gambiense*
MONTH/YEAR	WEEK	PORTIONS
October 2023	1	Parasitic Protozoans Life history and pathogenicity of *Entamoeba histolytica*, *Plasmodium vivax* and *Trypanosoma gambiense*
	2	Insects of Medical Importance Medical importance and control of *Pediculus, Anopheles, Culex, Aedes*
	3	Insects of Medical Importance Medical importance and control of *Pediculus, Anopheles, Culex, Aedes*
MONTH/YEAR	WEEK	PORTIONS
November 2023	1	Insects of Medical Importance Medical importance and control of *Pediculus, Anopheles, Culex, Aedes*
	2	Cattle breed, Preservation and artificial insemination in cattle
	3	Cattle breed, Preservation and artificial insemination in cattle
	4	Cattle breed, Preservation and artificial insemination in cattle
MONTH/YEAR	WEEK	PORTIONS
December 2023	1	Fish Technology ,Genetic improvements in aquaculture industry
	2	Induced breeding and transportation of fish seed.
	3	Induced breeding and transportation of fish seed.