

## Department of Zoology

The department of zoology was established in in 2016 with an aim to inculcate and propagate scientific temper in the students in particular and in the society as General. Department acquired growth day-by-day in terms of Lab. infrastructure, Procurement of Equipments, Chemicals, Glassware, Charts etc. Today as on date Department of Zoology is well equipped with the following items to fully cater the needs and demands of the enrolled students in the subject of Zoology.

### List of Equipments available in zoology lab:

s.no	Name of equipment	Quantity
01	Bod incubator	01
02	Refrigerator	01
03	UV/VIS Spectrophotometer	01
04	Microtome	01
05	Vertical Autoclave	01
06	Hot Air Oven	01
07	Borosil 3000 ML Double Distillation Plant	01
08	Hot Plate	01
09	Human Skeleton	01
10	Microscope	08
11	Dissection Microscope	03
12	Haemometer	06
13	BP Apparatus	01
14	Dissection box	01

### List of Chemicals Available in Zoology lab:

S. No	Name of chemicals	No. of Bottles/Quantity
01	Acetocarmine	05
02	Ammonia solution	01
03	Acetic Acid (Glacial)	01
04	Benedicts Reagent	01
05	Benzene	01
06	Bouin's Fluid	05
07	Borax Carmine Solution	03
08	Chloroform	01
09	Cupric Sulphate (pentahydrate)	02
10	Copper Sulphate (Anhydrous)	01
11	Dextrose Monohydrate	01
12	DPX mountant for microscopy	01

13	D-Galactose	01
14	Ethylene Diamine Tetra Acetic Acid Disodium Salt	01
15	Ethyl Acetate	02
16	Ethanol Absolute	06
17	Eosin	03
18	Eosin Yellow Staining	01
19	Formaldehyde Solution	02
20	Formaldehyde solution (37-41%)	01
21	Fehling B Solution	01
22	Fructose D	01
23	Ferric Chloride Anhydrous	01
24	Glycerine	06
25	Gentian Violet Aqueous Solution	01
26	Hydrochloric Acid	03
27	Hematoxylin Staining	01
28	Iodine Solution	02
29	Leishman's Stain	02
30	Molisch Reagent	04
31	Methylene Blue	01
32	Maltose	01
33	Paraffin Wax	02
34	Petroleum Ether	02
35	Potassium Carbonate	01
36	Potassium Hydroxide flakes	01
37	Potassium Carbonate	01
38	Potassium Metal	01
39	Picric Acid Solution	01
40	Sodium Bicarbonate	01
41	Sodium Carbonate Monohydrate	01
42	Sodium Chloride	01
43	Semi Carbazide Hydrochloride	01
44	Sodium Hydroxide pellets	02
45	Sodium Hydroxide Flakes	01
46	Sodium Salicylate	01
47	Sodium Metal	01
48	Succinic Acid	01
49	Sucrose	01
50	Starch Soluble	01
51	Tollens Reagent	01
52	Thymol Crystals	01
53	Xylene Sulphur Free	03
54	Xylene Rectified	01

**Specimen available in Zoology Lab:**

<b>Platyhelminthes</b>		
S. No	Name	Quantity
01	Tapeworm	01
02	Planaria	02
03	Liver Fluke	01
04	Hirudinea	01
05	Schistosoma	01
06	Taenia Solium	01
<b>Annelida</b>		
07	Terebella	01
08	Earthworm	01
09	Hirudinea	01
10	Nereis	01
<b>Arthropoda</b>		
11	Lepisma	01
12	Daphnia	01
13	Termite	01
14	Cockroach	01
15	Prawn	02
16	L.H of Cockroach	01
17	Housefly	01
18	Teredo	01
19	Cypris	01
20	L.H of Honeybee	01
21	Grasshopper	01
22	Mosquito	01
<b>Mollusca</b>		
23	Aplysia	01
24	Planorbis	01
25	Loligo	02
26	Octopus	01
27	Sepia	01
28	Pila Globosa	01
29	Pila	01
30	Cuttle Fish	01
31	Snail	01
32	Chiton	01
<b>Echinodermata</b>		
33	Cucumaria	01
34	Brittle Star	01
35	Star Fish	01
36	Asteroidea	01
37	Asterias	01
38	Rubens	01
<b>Hemichordata</b>		
39	Amphioxus	01
40	Balanglossus	01

<b>Chordata</b>		
41	Scoliodon	03
42	Electric Ray	01
43	Echeneis	01
<b>Chondrichthyes</b>		
44	Anabas	01
45	Trigon	01
<b>Osteichthyes</b>		
46	Hilsa Fish	01
47	Labeo	01
48	Anabas (Climbing perch)	01
49	Labeo Rohita	02
50	Tetradon	01
51	Harpadon	01
52	Ambystoma	01
53	Clarias	01
54	Anguilla	01
55	Arias	01
56	Eel Fish	01
57	wallago	01
<b>Amphibia</b>		
58	Pipa	01
<b>Reptilia</b>		
59	Draco	01
60	House lizard	01
61	Chameleon	01
<b>Ctenophora</b>		
62	Pleurobrachia	01

**Glassware available in zoology lab:**

<b>Beakers</b>		
S. No	Name	Quantity
01	Borosilicate 100 ml	06
02	Borosilicate 250 ml	06
03	Glacier 250 ml beakers	09
<b>Flasks</b>		
04	Labsil Volumetric Flasks 250 ml	02
05	Borosilicate Conical Flasks 100 ml	06
06	Labsil Conical Flasks 250 ml	01
07	Borosilicate Conical Flasks 250 ml	06
08	Borosilicate Conical flasks 500 ml	06
<b>Measuring Cylinder</b>		
09	Borosilicate 100 ml	02
10	Borosilicate 10 ml	01
<b>Test Tubes</b>		

11	Borosilicate	106
12	Infusil	12
<b>Funnels</b>		
13	Borosilicate	07
14	Borosil – S line Petri dish	22
15	Watch glass	24
<b>Pipette</b>		
16	Labsil(borosilicate )25 ml	01
17	Borosilicate 10 ml	18
18	Borosilicate 1 ml	10
19	Burette (borosilicate)	11
20	Stirrer	03
21	Gas Jar	02
22	Capillaries	12 packets
23	Microscopic cover glass	10
24	Plain Slides	10 packets
25	Prepared Slides	100

**Some other Equipments available in zoology lab:**

S. NO	Name	Quantity
01	Burners	13
02	Tripod Stand	01
03	Titration Stand	03
04	Cotton	1 roll
05	Tweezers	09
06	Spatula	10
07	Handmade Filter Paper	10
08	Whatman Filter Paper	02
09	Charts	08