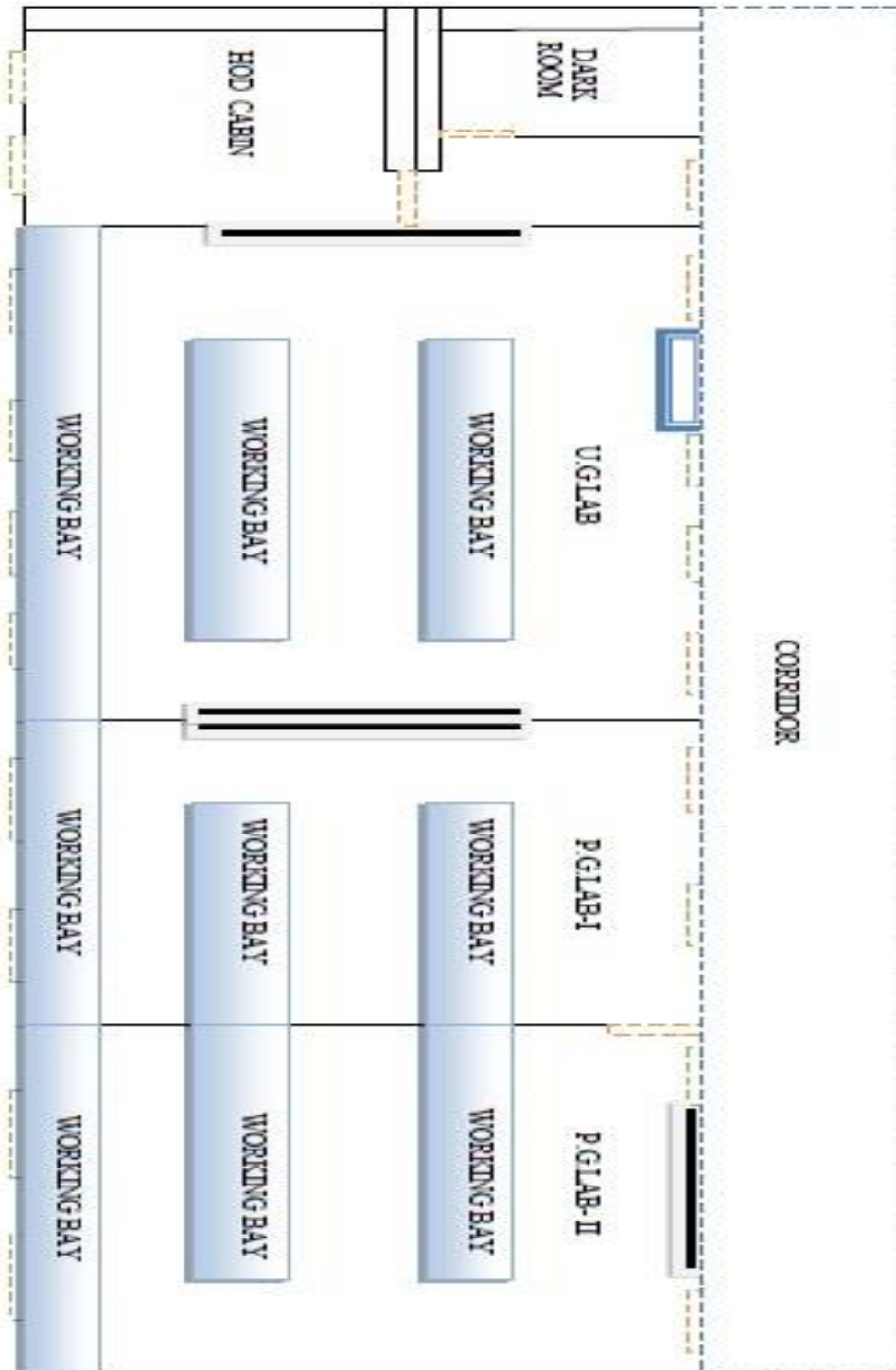


# POST GRADUATION DEPARTMENT OF ZOOLOGY (CHLR)

## INFRASTRUCTURE & FACILITY

### LABORATORY LAYOUT



<b>DARK ROOM</b>	<b>11 x 8.20 = 90.2 Sq. Feet</b>
<b>HOD CABIN</b>	<b>11 x 14.60 = 160.6 Sq. Feet</b>
<b>U.G. LAB</b>	<b>35 x 22.15 = 775.25 Sq. Feet</b>
<b>P.G. LAB-I</b>	<b>22.15 x 17.22 = 381.42 Sq. Feet</b>
<b>P.G. LAB-II</b>	<b>22.15 x 17.22 = 381.42 Sq. Feet</b>

## LIST OF AVAILABLE INSTRUMENTS IN LABORATORIES

S.N.	Name of Item	Qty.
1	Computer	7
2	LCD Projector 66-P	1
3	Scanner 110	1
4	Screen with Remote	1
5	Camera Nikon D5300 18-55 Lence batch 7418231	1
6	Nikon Af -5 VR 70-300 mm F/4.6-5.6 lence Batch-20003635	1
7	Canon Laser Printer LBP 2900B	1
8	Mini Horizontal Sabmarine Gel Electrophoresis AB. Cat.E111/20	2
9	Blue Star Deep freezer CHF 300B	1
10	Freez Godrej	2
11	1.5 Ceiling Kit	1
12	Microscope vision 2000 Binocular	5
13	Cryostat Microtome Automatic Delux Model YSI -118	1
14	Voltage Stabilizer 3kva	1
15	German Mocrotome Knif with Indian back Handal	1
16	Hot Air Oven Memmert 18x18cx18"	1
17	Spectrophotometer EI Cat- 371 EI	1
18	Swing Head 8-15 ml	1
19	Swing Head 4-50 ml	1
20	Lobomed Binocular Microscope vis200	1
21	Incubator Memmert type 18x18x18"	1
22	Centrifuge Remi Model R-4CDX	2
23	Compound Microscope	26
24	Carl Zeiss make Stereo Microscope	1
25	Shimadzu Balance 1mg.	1
26	Dissecting Microscope	16
27	Microtome Rotary	2
28	Microtome Rocking	2
29	Dgital PH Meter	1
30	Water and Soil Analysis kit	2
31	Water Bath	1
32	Elctrical Hot Plate	1
33	Magnetic Stirrer	1
34	BOD Incubator	1
35	Freezer - 20	1

## DEPARTMENTAL LIBRARY

<b>S.N.</b>	<b>Book Name</b>	<b>Author</b>
1	Principal of Biostatistics	M. Pogana
2	Molecular Cell Biology	Lodish
3	General Microbiology Vol. 1	Powar
4	Microbiology \$ 3895	J.M. Willey
5	Environmental Science (with CD)	R.T. Wright
6	An Introduction to Embryology	B.I. Balinsky
7	Principal of Genetics \$ 12.95	Gardner
8	H.B. of Microbiology	P.S. Bisen
9	General Enzymology	Kulkarni
10	Microbiology	M.P. Arora
11	Microbiology	M.J. Pelzar
12	A TB. Of Fish Biology & Fisheries	S.S. Khanna
13	General Microbiology Vol. II	Powar
14	Endocrinology	P.S. Lohar
15	Practical Zoology	K.C. Ghose
16	Studies of Nematode Parasite of Indian Vertebrates Parl & Fishes	T.D. Suota
17	The Bat of Bihar : Taxonomy & Ecology	V.P. Sinha
18	On The Birds of Poona Vicinity	Anil Mahabal & B.S. Lamba
19	A Fild Book of Lizard of India	T.S. Murthy
20	Ecology of Sublrenian Macro & Micro Arthropoda Fauna in Different Degraded & Poluted Soil Environment of West Bengal	A.K. Hajra & Choudhary
21	Contribution of Fish Fauna of India including adjacent countries Order Musta Cembeliformes	Yazdani G.M.
22	Fresh Water Sponges of India	T.D. Suota
23	The Krishna River System Bioresources Study	K.C. Jayram
24	Aquatic & Semiaquatic Hemipteraof Tamilnadu	G. Chirlimalay
25	Limnological Investigation of Lakes a Wetland of shilong	Alfraid & Thappa
26	Contribution to The Knowledge of Bats of Narth East Hills.	Y.P. Shinha
27	Cheklist of Fresh Water Fishes	A.G. Mennon
28	Waterbirds of Narthan India	Alfraid Tak & Sathi
29	Faunal Diversity of Aquatic Insects in Fresh Water Wetland of South Easten West Bengal	Khan & Gosh
30	The Ecology of Faunal Diversity of Two Flood Plane Lakes	Khan
31	A Catalouge of Expirimntal Studies on Grosshopper chromosomes of India	A.K. Singh
32	Endemic Mammals of India	Alfraid & Chrikro
33	Comparative Limnology of few Manmade Lakes in An Around Hyderabad	Siddhiki & Khan
34	Faunal Diversity of Zooplankton in Fresh Water wetland of South-Eastarn West Bengal	R.A. Khan

35	Ecology & Distribution of Macro-zoobenthos of Two Lakes in Kolkata	Mukharjee & Nandi
36	Endemic Fresh Water Fishes of india	Karmarkar & Das
37	Hydrography in Rlation to Benthic Micro-invertebrates in mir Alam Lake Hydrabad	Anita & Kodarkar
38	Fresh water Fishes in India, Pakistan, Shrilanka & Burama	k.C. Jairam
39	Collection & Preservation of Animals	
40	Leeches of India	Maheshchandra
41	Indian Amphibians	S.K. Chanda
42	Snakes Of India	Sharma
43	Indian Land Snails	Mitra & Ramkrishna
44	Threatened Animals in India	Tikader
45	Animals Resourses of India	
46	A Red Data Book of an Indian Animals	
47	Ecosystem of India	Alfraid & Das
48	Red Data Book (Part- II) Butterflies of India	Gupta & Mandal
49	Cladocera	Michanel & Sharma
50	Aquatic Oligocheata	Vanmala Naidu
51	Fauna of Tadoba Andheri Tiger Reserve	Anil Mahabal
52	Butterflies From Baster District	Gupta & Shukla
53	Butterflies From Arunachal Pradesh & Adjoining Areas	Gupta
54	Research Methodology for Biological Sciences	N. Gurumani
55	Medical Microbiology	S.Rajan
56	Endocrinology : Hormones & Human Health	Prakash Lohar
57	Bioinstrumentation	L. Veerakumari
58	Bioprocess Technology	P.T. Kalaichelvan & I Arul Pandi
59	Histochemistry in Focus	K. Shyamsundari & K. Hanumanta Rao
60	Invertebrates Zoology	P.S. Verma
61	Fish Endocrinology	Neelamapuri
62	Mammalion Endocrinology	Neelamapuri
63	Animal Biotechnology	P. Ramadass
64	Bacteria & Viruses	Misten
65	Practical Microbiology, Protozoology & Parasitology	N.C. Dey & T.K. Dey
66	Genes IX	Benjanin Lewin
67	The World of The Cell	Becher, Martinko, Dunlop, Clark
68	Water Quality Sampling	Abbasis
69	A Hand Book of Fish Farming 2nd Edition	S.C. Agrawal
70	Fish Jenetics & Aquatic Environment	Atre
71	Industrial Fisheries	K.P. Biswas
72	Prevention and Control of Fish and Prown Diseses	K.P. Biswas
73	A Text Book of Fish-Fisheries and Technology 2nd ed.	K.P. Biswas

74	Biology, Culture & Production of Indian Major Carp	N.M. Chakrabarti
75	Diseases of Cultivable Fresh Water Fishes And Their Control	N.M. Chakrabarti
76	Reservoir Fishes of India	F.A.O.
77	Intrraction Between Fish & Aquatic Macrophytes in Indian Water	F.A.O.
78	Recent Research in Aquatic Environment	Gautam
79	water of India Quality & Quantity	Ghosh
80	Fish & Fisheries of India	Jhingran
81	Fundamentals of Limnology and Aquaculture Biotechnology	Kar D.
82	Pond Fish Ecology & Economics	D.R. Khanna
83	Fish Genetics Resourses	Lakra & Singh
84	Limnological Research in India	S.R. Mishra
85	Biotechnology & Genetics in Fisheries & Aquaculture	P.R. Nayar
86	Indian Fishes	Qureshi & Qureshi
87	Fresh Water Aquaculture	R.K. Rath
88	Text Book of Aquaculture	M.S. Reddy
89	Molecular Dignostics Biotechnology in Aquaculture	S. Felix
90	Fish Biotechnology	R.Shammi
91	Biology Hatchary & Culture Technology of Tiger Prown & Giant Fresh Water Prown	Chiranjib, Arup Kumar Sadhu
92	Handbook of Fisheries & Aquaculture	ICAR
93	Fundamentals of Ichthyology	S.P Biswas
94	Genetics	P.S. Varma, V.K. Agrawal
95	Fundamentals of Toxicology	Shukala, Trivedi, Pandgy