

ZOOLOGY DEPARTMENT

PROJECT REPORT B.Sc-1st year

SESSION 2023-2024

NAME OF THE PROJECT : Visit to Pond Ecosystem at College campus.

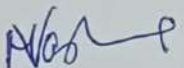
OBJECTIVE : To explore the faunal biodiversity especially Protozoans to add knowledge of the world around us and to develop the ability to identify various organisms.

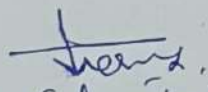
No. OF STUDENTS PARTICIPATED : 81


METHODOLOGY : Students along with teacher Incharge visited pond at the campus and collected water sample. In the zoology Laboratory, water sample was examined under compound microscope to explore various protozoans especially paramecium, euglena & other ciliated protozoans

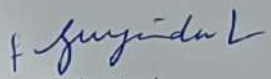
KEY OUTCOMES OF THE PROJECT : Students examined various protozoans & their behaviour under compound microscope. Students also observed that ponds are threatened by various human activities like pollution, algae growth and seasonal drying up.

Written project files have been submitted by students to the Departmental Library.


1. (DR. MADHVI VASMATA)


2. (Dr. Falwadee Vena).
Teacher Incharge


(Mrs Kiran Gupta)
Head of the Dept.


Principal,
Govt. College for Girls
LUDHIANA.

3. Demonstration of dissection of the following animals through video clippings/charts/models:
Periplaneta : Digestive and nervous systems; mouth parts and trachea.
Pila : Pallial complex, digestive and nervous systems, Radula.
4. Study of animal adaptations with the help of specimens, charts and models.
5. Study of Zoogeographical regions and their fauna.
6. Study of biotic components of an ecosystem.
7. Study of different types of nests in birds.
8. Study & preparation of zoogeographical charts/maps.

Note: Candidates will be required to submit their original note books containing record of their laboratory work (Drawing etc.) initialed and dated by their teachers at the time of practical examination.

Guidelines for the conduct of Practical Examination

	Max. Marks	: 20
	Practical Exam.	: 18 marks
	Internal Assessment	: 2 marks
	Time	: 3 hours
1.	Draw a labeled diagram of any given system of an animal and explain it to the examiner. Sketch and demonstrate it to the examiner.	2 marks
2.	Identify the slides (A-C) and give two important reasons for each identification.	3 marks
3.	Identify and classify the specimens (D-G) up to orders. Write a short note on the habitat, special features, feeding habit and economic importance.	6 marks
4.	Identify the type of adaptation/type of nest/biotic components with a short note.	1 marks
5.	Mark Zoogeographical region on the given physical map along with endemic fauna and climate.	2 marks
6.	Viva voce	2 marks
7.	Practical record, charts/maps and project report of excursion to a place of zoological interest	2 marks

PROJECT REPORT DATA (2023-2024)

Class- B.Sc-1st sem

Teacher Incharge : Dr. Madhvi Vashishth & Dr. Falwinder Verma

Deptt. of Zoology , Govt. College for Girls, ludhiana

S.No	Roll No.	Name	Project name	Duration	Dates
1	1230860280001	AANCHAL	Project report on Pond Ecosystem	one month	Oct-23
2	1230860280002	ADITI RANI	Project report on Pond Ecosystem	one month	Oct-23
3	1230860280003	ADITIANAND	Project report on Pond Ecosystem	one month	Oct-23
4	1230860280004	AMANDEEP KAUR	Project report on Pond Ecosystem	one month	Oct-23
5	1230860280005	AMANVEER KAUR	Project report on Pond Ecosystem	one month	Oct-23
6	1230860280006	ANANYA YADAV	Project report on Pond Ecosystem	one month	Oct-23
7	1230860280008	ANURADHA KUMARI	Project report on Pond Ecosystem	one month	Oct-23
8	1230860280009	ANUSHKA SANDHU	Project report on Pond Ecosystem	one month	Oct-23
9	1230860280010	ARSHDEEP KAUR	Project report on Pond Ecosystem	one month	Oct-23
10	1230860280011	ASMI SOOD	Project report on Pond Ecosystem	one month	Oct-23
11	1230860280012	BAINY DAROCH	Project report on Pond Ecosystem	one month	Oct-23
12	1230860280014	CHEENU	Project report on Pond Ecosystem	one month	Oct-23
13	1230860280015	CHHAVI BHATIA	Project report on Pond Ecosystem	one month	Oct-23
14	1230860280018	DHANVI SHARMA	Project report on Pond Ecosystem	one month	Oct-23
15	1230860280019	DIKSHA	Project report on Pond Ecosystem	one month	Oct-23
16	1230860280021	EKAMJOT KAUR	Project report on Pond Ecosystem	one month	Oct-23
17	1230860280022	GURSIMRAN KAUR	Project report on Pond Ecosystem	one month	Oct-23
18	1230860280023	HARLEEN KAUR DEOL	Project report on Pond Ecosystem	one month	Oct-23
19	1230860280024	HARMANDEEP KAUR	Project report on Pond Ecosystem	one month	Oct-23
20	1230860280025	HARMANDEEP KAUR	Project report on Pond Ecosystem	one month	Oct-23
21	1230860280026	HARPREET KAUR	Project report on Pond Ecosystem	one month	Oct-23
22	1230860280027	HARPREET KAUR	Project report on Pond Ecosystem	one month	Oct-23
23	1230860280028	HARSIMRAN KAUR	Project report on Pond Ecosystem	one month	Oct-23
24	1230860280029	HIMALIKA AGGARWAL	Project report on Pond Ecosystem	one month	Oct-23
25	1230860280030	ISHITA	Project report on Pond Ecosystem	one month	Oct-23
26	1230860280031	JAISLEEN KAUR	Project report on Pond Ecosystem	one month	Oct-23
27	1230860280032	JASLEEN KAUR	Project report on Pond Ecosystem	one month	Oct-23
28	1230860280034	KAJAL RANI	Project report on Pond Ecosystem	one month	Oct-23
29	1230860280035	KAMALJEET PASSI	Project report on Pond Ecosystem	one month	Oct-23
30	1230860280037	KAWALPREET KAUR	Project report on Pond Ecosystem	one month	Oct-23
31	1230860280038	KHUSHI KUMARI	Project report on Pond Ecosystem	one month	Oct-23
32	1230860280039	KIRANJEET KAUR	Project report on Pond Ecosystem	one month	Oct-23
33	1230860280042	KOMALDEEP KAUR	Project report on Pond Ecosystem	one month	Oct-23
34	1230860280043	KOMALPREET KAUR	Project report on Pond Ecosystem	one month	Oct-23
35	1230860280044	MANPREET KAUR	Project report on Pond Ecosystem	one month	Oct-23
36	1230860280046	MEHAKPREET KAUR	Project report on Pond Ecosystem	one month	Oct-23
37	1230860280048	MONA BHARGAVA	Project report on Pond Ecosystem	one month	Oct-23
38	1230860280049	MUSKAN	Project report on Pond Ecosystem	one month	Oct-23
39	1230860280050	NIHARIKA LALWANI	Project report on Pond Ecosystem	one month	Oct-23
40	1230860280054	PRABHJOT KAUR	Project report on Pond Ecosystem	one month	Oct-23
41	1230860280056	PRABHNEET KAUR	Project report on Pond Ecosystem	one month	Oct-23
42	1230860280057	PRIYA	Project report on Pond Ecosystem	one month	Oct-23
43	1230860280058	RAJDEEP KAUR	Project report on Pond Ecosystem	one month	Oct-23
44	1230860280059	RANJANA	Project report on Pond Ecosystem	one month	Oct-23
45	1230860280061	RINKY	Project report on Pond Ecosystem	one month	Oct-23
46	1230860280062	RIYA PAMBRA	Project report on Pond Ecosystem	one month	Oct-23
47	1230860280063	ROOPAMSHARMA	Project report on Pond Ecosystem	one month	Oct-23
48	1230860280064	SANJANA	Project report on Pond Ecosystem	one month	Oct-23
49	1230860280065	SANJOT KAUR	Project report on Pond Ecosystem	one month	Oct-23
50	1230860280066	SHEELA DEVI	Project report on Pond Ecosystem	one month	Oct-23
51	1230860280067	SHIVANI SHARMA	Project report on Pond Ecosystem	one month	Oct-23
52	1230860280068	SIMRAN KAUR	Project report on Pond Ecosystem	one month	Oct-23
53	1230860280069	SIMRANPREET KAUR	Project report on Pond Ecosystem	one month	Oct-23
54	1230860280070	SNEHA GULATI	Project report on Pond Ecosystem	one month	Oct-23
55	1230860280073	SRIJAN	Project report on Pond Ecosystem	one month	Oct-23
56	1230860280074	SUKHMANJYOT KAUR	Project report on Pond Ecosystem	one month	Oct-23

57	1230860280075	SUKHPREET KAUR	Project report on Pond Ecosystem	one month	Oct-23
58	1230860280076	TANISHA SHARMA	Project report on Pond Ecosystem	one month	Oct-23
59	1230860280077	VANITA	Project report on Pond Ecosystem	one month	Oct-23
60	1230860280079	YASHIKA	Project report on Pond Ecosystem	one month	Oct-23
61	1230860280080	GURWINDER KAUR	Project report on Pond Ecosystem	one month	Oct-23
62	1230860280081	ROZY KHATUN	Project report on Pond Ecosystem	one month	Oct-23
63	1230860280082	SARISHTI DUNG DUNG	Project report on Pond Ecosystem	one month	Oct-23
64	1230860280083	RAVNEET JAUR	Project report on Pond Ecosystem	one month	Oct-23
65	1230860280084	HARMANDEEP KAUR	Project report on Pond Ecosystem	one month	Oct-23
66	1230860280086	SONIA KUMARI	Project report on Pond Ecosystem	one month	Oct-23
67	1230860280087	ASWIN KUJUR	Project report on Pond Ecosystem	one month	Oct-23
68	1230860280088	BHAVYA	Project report on Pond Ecosystem	one month	Oct-23
69	1230860280089	LUXMI	Project report on Pond Ecosystem	one month	Oct-23
70	1230860280090	TAMANNA	Project report on Pond Ecosystem	one month	Oct-23
71	1230860280091	HARMANPREET KAUR	Project report on Pond Ecosystem	one month	Oct-23
72	1230860280092	ANMOLDEEP KAUR	Project report on Pond Ecosystem	one month	Oct-23
73	1230863520001	ANURADHA	Project report on Pond Ecosystem	one month	Oct-23
74	1230863520004	JASMEEN KAUR	Project report on Pond Ecosystem	one month	Oct-23
75	1230863520007	MUSKAN	Project report on Pond Ecosystem	one month	Oct-23
76	1230863520009	PRIYANKA	Project report on Pond Ecosystem	one month	Oct-23
77	1230863520010	SNEHA	Project report on Pond Ecosystem	one month	Oct-23
78	1230863520011	CHHOTI	Project report on Pond Ecosystem	one month	Oct-23
79	1230863520013	RAKHI SHARMA	Project report on Pond Ecosystem	one month	Oct-23
80	1230863520014	NANDINI	Project report on Pond Ecosystem	one month	Oct-23
81	1230863520017	NAMISHA BAGHARIA	Project report on Pond Ecosystem	one month	Oct-23

Madhishu
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