

**LOCAL EXCURSION (11) : SUBHASH SAROBAR AREA**

Date of visit: 25/07/2023

Place: Subhash Sarobar

Participants: Students of Sem II (Gen.) Participated.

Teachers accompanied: Dr. Partha Karak, Mrs. Saayela Chowdhury, Mrs. Sutapa Gupta and  
Miss Sandhya Dutta

Number of students: 59

**Objectives of Field Study:**

1. To better understand the aquatic as well as terrestrial vegetation.
2. To provide the students the opportunity to apply theoretical knowledge, methods and techniques of documentation, collection and preservation of plant specimens belonging to different plant groups both qualitatively (survey) and quantitatively (quadrat study).
3. To develop observational skills, practicing both individual and team work.

**Report:**

Students of Sem I (Hons.) of Botany Department visited the area in order to study as well as to collect different Angiospermic plant specimens (*Abroma*, *Parthenium*, *Cassia*, *Lantana* etc.) along with aquatic plants (e.g. *Hydrilla*, *Nymphaea* etc.), as mentioned in the syllabus (CBCS system). The students also performed the quadrat study.

## Notice

The students of Botany Department,  
Semester II (General) will go for an  
educational excursion at Subhas Sarovar  
area under the guidance of Dr. Partha  
Karak, Prof. Saayela Chaudhuri, Prof.  
Sutapa Gupta and Prof. Sandhya Datta  
on 25.07.23 (Tuesday). This excursion  
is a part of CBCS Curricula.  
Meeting place - Subhas Sarovar Park  
Time - 11 am.

Sital prasad Chatterjee Nandini Chakrabarti  
11/07/2023  
CITY COLLEGE  
KOL 9

Associate Professor and Head  
Department of Botany  
City College, Kolkata-9

copy to -

- 1) Zoology Department.
- 2) Physiology Department.
- 3) Chemistry Department.

Rubiaceae, Compositae (Asteraceae), Solanaceae, Acanthaceae, Labiateae (Lamiaceae),  
Orchidaceae, Gramineae (Poaceae).

.....14 lectures

**PRACTICAL- PLANT DIVERSITY II (PTERIDOPHYTES, GYMNOSPERMS, PALAEOBOTANY,  
MORPHOLOGY AND TAXONOMY) (BOT-G-CC-2-2-P)  
(Credits 2)**

1. Dissection, drawing and labelling, description of angiospermic plants and floral parts, floral formula and floral diagram, identification (family) from the following families: Leguminosae (Fabaceae), Malvaceae, Solanaceae, Labiateae (Lamiaceae), Acanthaceae.

**2. Identification with reasons:**

Macroscopic specimens of *Selaginella* and *Pteris*, male and female strobilus of *Cycas* and *Pinus*, Anatomical slides (stellar types, transfusion tissue, sieve tube, sunken stomata, lenticels), inflorescence types.

3. **Spot identification** of the following Angiospermic plants (scientific names and families): *Sida rhombifolia* (Malvaceae), *Abutilon indicum* (Malvaceae), *Cassia sophera* (Fabaceae), *Tephrosia halimtonii* (Fabaceae), *Crotolaria palida* (Fabaceae), *Coccinia grandis* (Cucurbitaceae), *Solanum indicum* (Solanaceae), *Nicotiana plumbagenifolia* (Solanaceae), *Leucas aspera* (Lamiaceae), *Leonurus sibiricus* (Lamiaceae), *Parthenium hysterophorus* (Asteraceae), *Tridax procumbense* (Asteraceae), *Eclipta prostrate* (Asteraceae), *Eragrostis tenella* (Poaceae), *Chrysopogon aciculatus* (Poaceae), *Eleusine indica* (Poaceae), *Vanda taesellata* (Orchidaceae).

4. **Laboratory records:** Laboratory note books (regularly signed) and slides (prepared in class) are to be submitted at the time of Practical Examination. Regular attendance in the class must be credited.

✓ 5. **Field excursion:** Local Excursions (at least two including one to Acharya Jagadish Chandra Bose Botanic Garden, Shibpur, Howrah)

6. **Field Records:** Field note book and 15 herbarium sheets of common Angiospermic weeds are to be prepared and submitted at the time of Practical Examination. Regular attendance in the class must be credited.

**SEMESTER III**

**CORE COURSE 3**

**CELL BIOLOGY, GENETICS AND MICROBIOLOGY (BOT-G-CC-3-3-TH)**

**THEORETICAL**

**(Credits 4, Lectures 60)**

**1. Cell Biology and Genetics**

1.1 Ultrastructure of nuclear envelope, nucleolus and their functions, 1.2 Molecular organisation of metaphase chromosome (Nucleosome concept).

2CGExcursion to Subhas Sarabari

- 1) 4901 → Baenali Dash
- 2) 4902 → Rija Sarkar
- 3) 4904 → Janisha Braamha
- 4) 4905 → Riti pal
- 5) 4906 → Singha ghash
- 6) 4923 → S.K. Mahesh
- 7) 4913 → Moupia Saha
- ~~8) 4708 →~~
- 8) 4930 → Shuman kumari Shau
- 9) 4931 → Bipasha Dutta
- 10) 4932 → Shreya Mandal
- 11) 4920 → Ruparna Bhownik.

12) 4708 → Sahil Pandey

13) 4710 → Aakash Das

14) 4717 → Sawan Das

15) 4729 → Roshan Shaw

16) 4734 → Chandan Shaw

17) 4929 → Sneijta Banerjee

বিদ্যালয় শিক্ষা দপ্তর, পশ্চিমবঙ্গ সরকার  
খিচন মুকল  
আমা রো ৩/৩৬  
Rizri - 13 Rabi-ul-a  
২০ অক্টোবর ২০২৭  
Sunrise - 5:38 A.M.  
RDA

आश्विन शुक्ल बुधवार २०७८  
पूर्णिमा रा० ७/३६  
Hizri - 13 Rabi-ul-awwal 1443  
२० अक्टूबर २०२१  
Sunrise - 5.38 A.M.

OCTOBER  
20  
WEDNESDAY

Excursion -  
Subhash  
Saravali

२ कार्तिक बुधवार १८२८  
पूर्णिमा रा० १/३६  
Saka - 28 Ashwin 1943  
अहम - २ काति १८२८  
Sunset - 5.04 P.M.

Zoo (A)

Boys

Girls

25/07/23

1) Nisar Ahamed - 221002

2) Md. Shamim - 221013

3) Swarnadwip Mukherjee - 221006

4) Joydeep Das - 221033

5) Pijush Majhi - 221034

6) Soumyadwip Santra - 221019

7) Soham Banerjee - 221031

8) Debjit Sarda - 221012

9) Md. Saif Alam - 221029

10) Rahul Das - 221021

11) Sajan Kar - 221028

12) Shaswata Kirtunia - 221029

13. Deeya Ghosh - 221101

14. Puja Mondol - 221102

15. Diya Roy - 221122

16. Sathi Ghosh - 221114

17. Koyel Ghosh - 221112

18. Sayni Mukherjee - 221126

19. Haree Haraa Jamil - 221111

20. Khushi Kumari - 221120

21. Samanita Chattarjee - 221121

OCT	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S							
2021	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31

১৫ অক্টোবর ২০২১ ১০:০৪ P.M.

বৃহস্পতিবার ১৪২৮  
দিরাঃ ৮/৫৬  
Ka - 29 Ashwin 1943  
মহম - ৩ কাতি ১৪২৮  
Sunrise - 5.39 A.M.

OCTOBER  
21  
THURSDAY

৭ কার্তিক কৃষ্ণ গুরুবার ২০১৮  
প্রতিপদ রা০ ৮/৫৬  
Hizri - 14 Rabi-ul-awwal 1443  
২৭ অক্টোবর ২০২১  
Sunset - 5.03 P.M.

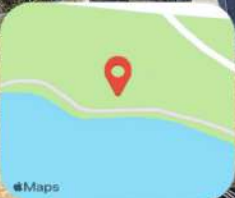
- ২২. payel Das - 221108
- ২৩. Sonali Jana - 221125
- ২৪. Susmita Mondal - 221116
- ২৫. Akita Neogi - 221113

Abdul Rahim Ansari - 1032

M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	T	F	S	S	M	T	W	NOV							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	•	2021



GPS Map Camera



Kolkata, WB, India

Belegkata, Kolkata, 700010, WB, India

Lat 22.570052, Long 88.402485

07/25/2023 11:37 AM GMT+05:30





GPS Map Camera



Kolkata, WB, India

Belegkata, Kolkata, 700010, WB, India

Lat 22.566784, Long 88.398964

07/25/2023 12:23 PM GMT+05:30

Maps