

**DEPARTMENT OF BOTANY
CITY COLLEGE**

EXCURSION SCHEDULE FOR THE ODD SEMESTERS: ACADEMIC SESSION 2024 - 2025.

Class / Year	Course Name	Date	Place of visit	Meeting Place & Time	Name of Teacher Guide
Semester 1 [NEP]					
4 Year BOTM DSCC 1	PLANT DIVERSITY	18.11.2024	SUVAS SAROBAR	SWABHUMI, 11 AM	SDG + SD
4 Year ZOOM MN 1	PLANT DIVERSITY	18.11.2024	SUVAS SAROBAR	SWABHUMI, 11 AM	NC + AM + SY + SG ₁
3 Year MDC MBOT CC 1	PLANT DIVERSITY	18.11.2024	SUVAS SAROBAR	SWABHUMI, 11 AM	NC + AM + SY + SG ₁
Semester 3 [NEP]					
3 Year MDC MBOT MN 1	PLANT DIVERSITY	18.11.2024	SUVAS SAROBAR	SWABHUMI, 11 AM	NC + AM + SY + SG ₁
4 Year BOTM DSCC 3	ECONOMIC BOTANY	19.11.2024	RICE RESEARCH STN. CHINSURAH, HOOGLY	Howrah St. large Clock, 9.30 AM	SY + SG ₂ + SD
3 Year MDC MBOT CC 3	ECONOMIC BOTANY	19.11.2024	RICE RESEARCH STN. CHINSURAH, HOOGLY	Howrah St. large Clock, 10 AM	SY + SG ₂ + SD
4 Year BOTM DSCC 3	ECONOMIC BOTANY	11.12.2024	BSI GALLERY (ECO. BOT) INDIAN MUSEUM	Museum Gate 11 AM	AM + PK + SY
4 Year BOTM SEC 1	PLANT BIO TECH & HORTI. PRACTICES	26.11.2024	BCKV, MOHANPUR. NADIA	Sealdah Main Stn. 10 AM	RSG + PK + SG ₂
Semester 5 [CBCS]					
Botany Hons	PLANT BIOTECHNOLOGY	05.12.2024	TISSUE CUL. LAB. LADY BRABOURNE COL.	Lady Brabourne Col. Gate, 12 PM	SY + SG ₁ + SG ₂

Note: Students must carry the following items with them: 1. College ID Card 2. Note Book 3. Pen, Pencil 4. Camera (optional) 5. Polythene bag / pouches for keeping collecting specimens.

Dr. Jyoti Ghosh
HOD 13/11/24

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

Sat Chatterjee
13/11/2024

PRINCIPAL

Copy to : 1) Leave Section
2) Bursar
3) Cashier.

LOCAL EXCURSION : SUBHASH SAROBAR AREA

Date of visit: 18/11/2024

Place: Subhash Sarobar

Participants: Students of Sem I NEP (Hons. & Gen.) & Sem III NEP participated.

Teachers accompanied: Dr. Sujita Datta Ghosh, Dr. Nandini Chakraborti, Dr. Arkajo Majumdar, Dr. Sachina Yonzone, Mrs. Saayela Chowdhury and Miss Sandhya Dutta

Number of students: 84

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. & Gen. NEP) and Sem III (Gen. NEP) 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. The students also studied different morphological characteristics such as inflorescence, flower, fruit of different plants.

PLANT DIVERSITY (PRACTICAL)
BOT-MD-CC1-1-P
Total marks 25; Credit 1, Class 30 hours

1. Work out: Morphology	10 marks
2. Identification with reasons (other groups except angiosperms)	5 marks
3. Class room performance (Practical notebook)	3 marks
4. Field notebook	2 marks
5. Viva-voce	5 marks

1. Flower- dissection, drawing and study
 - a) Different parts, b) Adhesion and cohesion, c) Placentation, d) Aestivation
2. Study of ovules: types (Fresh specimens/ permanent slides/ photographs)
3. Fruits:different types- study from fresh/ preserved specimens
4. Inflorescence types: study from fresh/ preserved specimens
5. Identification on the basis of reproductive and structural features from preserved specimens/ permanent slides: Algae (*Nostoc*, *Oedogonium* and *Ectocarpus*), Fungi (*Rhizopus*, *Ascobolus* and *Agaricus*), Bryophytes (*Marchantia*, *Anthoceros* and *Funaria*), Pteridophytes (*Selaginella*, *Equisetum* and *Pteris*), Gymnosperms (male cone and female cone/ megasporophyll of *Cycas*, *Pinus* and *Gnetum*).
6. A field notebook supported with photographs taken during field study to be submitted giving comprehensive idea about different types of inflorescence, flowers and fruits.

Textbook Reference:

1. Ganguli,H.C., Das, K.S.K. & Dutta, C.T. College Botany, Vol. I, latest Ed., New Central Book Agency
2. Ganguli,H.C. and Kar, A.K. College Botany, Vol. II, latest Ed., New Central Book Agency
3. Mukherjee, S. College Botany, Vol. III, latest Ed., New Central Book Agency
4. Uno, Storey & Moore, Principles of Botany, 2001, McGraw Hill.
5. Kenrick,P. & Crane, P. The Origin & early diversification of land plants (1997), Smithsonian Institute Press.
6. Bell, P.R. & Hensley, A.R. Green plants; their Origin & Diversity (2nd ed.), 2000, Cambridge University Press

PLANT DIVERSITY (PRACTICAL)
BOT-H-CC1-1-P
Total marks 25; Credit 1, Class 30 hours

1. Work out: Morphology	10 marks
2. Identification with reasons (other groups except angiosperms)	5 marks
3. Class room performance (Practical notebook)	3 marks
4. Field notebook	2 marks
5. Viva-voce	5 marks

1. Flower- dissection, drawing and study
 - a) Different parts, b) Adhesion and cohesion, c) Placentation, d) Aestivation
2. Study of ovules: types (Fresh specimens/ permanent slides/ photographs)
3. Fruits: different types- study from fresh/ preserved specimens
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6. Bell, P.R. & Hensley, A.R. Green plants; their Origin & Diversity (2nd ed.), 2000, Cambridge University Press

Zoology (Hons.) Sem-1

18/11/24

- 1.) 241101 - Ankita Mondal ✓
- 2.) 241102 - Aditi Dey ✓
- 3.) 241106 - Shreyasi Laha ✓
- 4.) 241108 - Srija Dutta ✓
- 5.) 241109 - Trisha Patra ✓
- 6.) 241117 - Anushka Roy ✓
- 7.) 241121 - Nayanika Guha Thakurata ✓

Excursion at

Subhas Sarobar (18/11/24).

- 241021 - Mujahidul Islam ✓
- 241004 - Sandipan Poddar ✓
- 241023 - Pratham Adak ✓
- 241017 - Somnath Muzumdar ✓
- 241019 - Ankush Dutta ✓
- 241010 - Subham Mondal ✓
- 241013 - Survo Pratim Mondal ✓
- 241024 - Kushal Paul ✓
- 241015 - Sujoy Sarkar ✓
- 241009 - Suban Bala ✓
- 241005 - Seznik Sanyal ✓

Sem-1

MDC (General)

18/11/2024

School Education Department, Government of West Bengal

~~244714~~

- ✓ Akash Naskar (244744)
- ✓ Sayani Sadukhan (244937)
- ✓ Gunayana Dhar. (244922)
- ✓ Sumit Pandit (244723)
- ✓ Rupsha Saha (244920)
- ✓ Zartaj Parveen (244940)
- Soumyodip Mondal (244717)
- ✓ Tushar Singh (244702)
- ✓ Snigdha Routh (244934)
- ✓ ASIK MONDAL (244726)
- ✓ Prasen Bikash Giri (244732)
- ✓ Ahsan Habib (244730)
- ✓ Sriyani Paul (244916)
- ✓ Rima Roy (244923)
- ✓ Pratik Banerjee. (244739)
- ✓ Farhan Mondal (244721)
- ✓ Jisan Ali Mondal (244793)
- ✓ Sayan Bhattacharya (244707)
- ✓ Sandipan Bose (244708)
- ✓ Rik Chakraborty (244714)

Sayani Bhananik (244942) বিদ্যালয় শিক্ষা দপ্তর, প

Bhitha Ray (244943)

Barkita Das (244941)

Neha Balamini (244921)

Anirban Biswas (244715)

Sushanta Sarkar (244706)

Aditya Karanar (244709)

Sa Sahil Mondal (244729)

Sudipa Paul (4912)

Sanjeetani Ghosh (4931)

RUPSHA SAHA (4220)

Subhayan Dutta (4720)

Shrestha Jana (4935)

Prapti Majumder (4914)

Poush Banerjee (4716)

Banani Das (4947)

Ankita Banerjee (4908)

Umme Anisha Akhtari Mir (244946)

Rajashree Mukherjee (244919)

3 year MDE MBOT MN1 18/11/24

Semester - III

- 1) 234747 - Bhaskan Das
- 2) 234744 - Imongit Roy
- 3) 234923 - Ankita Roy
- 4) 234926 - Sumana Barman
- 5) 250801 - ~~Arbaz~~ Sk Md. Amanullah
- 6) 230912 - Sheristi
- 7) 230919 - Srijani
- 8) 230903 - Zeenat
- 9) 230906 - Maudira
- 10) 230923 - Tithi Kar
- 11) 230902 - Shaniya

12) 230901 - Titli Roy

13) 230918 - Arpita

14) 230911 - Sudipta


15) 230907 - Tanisha

1/24

Botany (Honours) (Semester-1)

<u>NAME</u>	<u>Roll-no</u>
Tanmay Mondal	241210
Ananya Bera	241305
Porasansa Bhakta	241304
Bidisha Nag	241307
Ayesha Alsana	241302
Rahul Jana	241205
Riya Singh	2413010
Lakshmi Kumari Singh	241308
Livoran Mondal	241206
Antara Mandal	241309
Arojuman Haldar	241312
Shamiya Zahid	241311



 GPS Map Camera



address line 1

address line 2


Lat 30.170586°

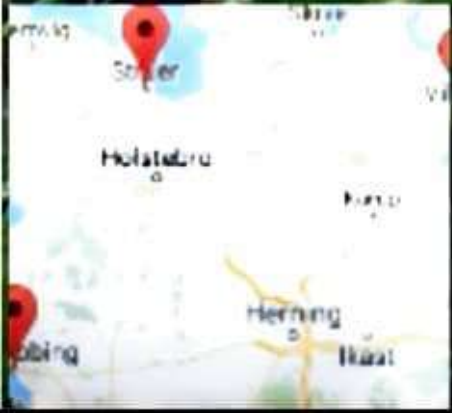
Long 72.689345°

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Lat 30.170586°

Long 72.689345°

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18/11/2024 12:23



 **GPS Map Camera**



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address line 2

Lat 30.170586°


Long 72.689345°

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 GPS Map Camera

Presidency Division, West Bengal, India

7MJCHCC3+829J, Kadapara, Phool Bagan, Ward Number

Lat 22.570793°

Long 88.402598°

18/11/2024 12:34

18/11/2024 12:34 PM GMT+05:00



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Google



 GPS Map Camera



address line 1

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Lat 30.170586°

Long 72.689345°

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