

Project work/field work/ internships
Name of Course: Plant Diversity II
Code: BOTG-CC-2-2-P
DEPT: Botany
2022-2023

Criteria 1.3.2



Serampore Girls College

13, T.C. Goswami Street,
Serampore, Hooghly – 712201, West Bengal
Re- Accredited by NAAC : Grade B (2nd Cycle)
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FIELD WORK REPORT 2022-2023 (BOTANY)

SEMESTER-II

- **Name of the course:** Plant diversity II
- **Date:** 16/05/2023
- **Objective:** This type of tour is organized to aware students about local plants, to know their scientific background and give them practical knowledge about collection, identification of wild angiosperms and preparation of herbarium specimen.
- **Code of the course:** BOTG-CC-2-2-P
- **No. of students attended:** 04
- **Location of Visit:** Chinsurah, Hooghly.
- **Outcome:** Students of semester II took part enthusiastically to fulfil our goal, they learned about different groups of angiosperms, their habit, and habitat, beneficial or harmful effects on environment.
- **Guided by:** Dr. Madhusree Halder, Department of Botany, Serampore Girls' College.

Soma Roy,
Principal
Serampore Girls' College
Serampore, Hooghly

Signature of Principal

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Syllabus of 2nd semester BOTG-CC2/GE2

**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, Labiatea (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.

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Attendance sheet

SERAMPORE GIRLS' COLLEGE
DEPARTMENT OF BOTANY
Semester-II
Student attendance sheet

Program: Local excursion at chinsurah Date: 16/5/2023

Sl. No.	Roll Number	Semester	Signature of the student
1.	22777	II	Koyal Barik
2.	22782	II	Puja Shree
3.	22790	II	Shoufi Kumari
4.	22778	II	Neha Singh

Mrida 16/5/2023
Department of Botany
Serampore Girls' College
Serampore, Hooghly

Soma Roy,
Principal
Serampore Girls' College
Serampore, Hooghly

Signature of Principal

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PHOTOS OF THE EVENT



Soma Roy.
Principal
Serampore Girls' College
Serampore, Hooghly

Signature of Principal

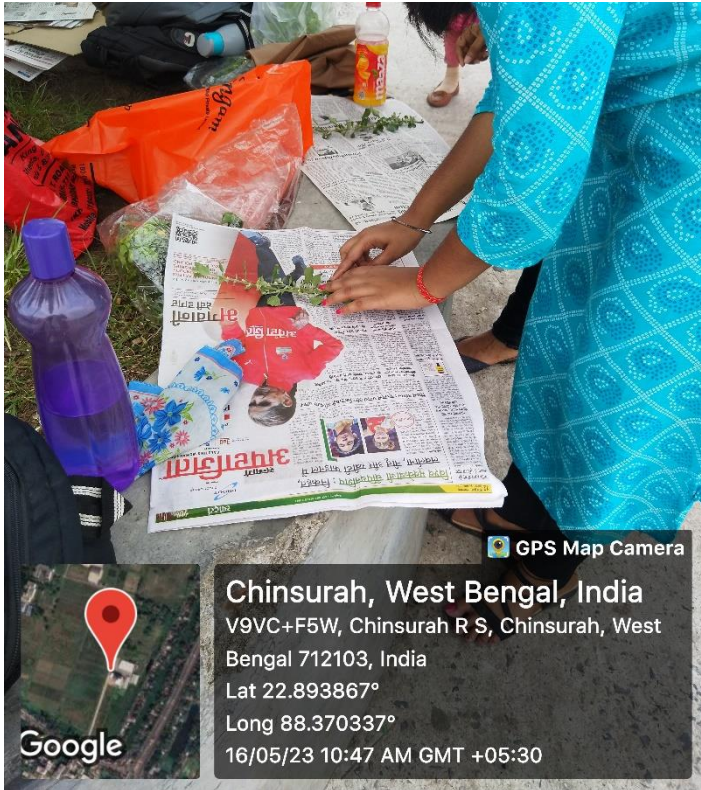
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