

**Project work/field work/ internships**  
**Name of Course: Plant diversity 1**  
**Code: BOTG-CC1/GE1**  
**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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Website: [www.seramporegirlscollege.org](http://www.seramporegirlscollege.org)



## FIELD WORK REPORT 2022-2023 (BOTANY)

### Report on local excursion

#### Semester-1

- **Name of the course:** Plant diversity 1
- **Date:** 19/12/2022
  
- **Objective:** Local excursion is a compulsory part of B.Sc Botany (General) degree course of semester V under CBCS curriculum. The aim is giving students a proper idea of medicinal plants, their uses and information about maintenance of the garden.
  
- **Code of the course:** BOTG-CC1/GE1
  
- **No. of students attended:** 5
  
- **Location of Visit:** Serampore locality
  
- **Outcome:** Students of semester I took part enthusiastically to fulfil our goal, they gathered knowledge about different plant groups, their habit, habitat and their ecological importance. It was beneficial
  
- **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 1<sup>st</sup> semester BOTG-CC1/GE1- P

**PRACTICAL- PLANT DIVERSITY I (PHYCOLOGY, MYCOLOGY, PHYTOPATHOLOGY, BRYOPHYTES AND ANATOMY) (BOT-G-CC-1-1-P)  
(Credits 2)**

- 1. Work out:** Microscopic preparation, drawing and labeling of *Chlamydomonas*, *Chara*, *Ectocarpus*, *Rhizopus* and *Ascobolus*
- 2. Anatomical studies (following double staining method) of:** 2a. Stem- *Cucurbita*, sunflower and maize. 2b. Root- *Colocassia*, gram and orchid. 2c. Leaf- *Nerium*
- 3. Identification with reasons:** 3a. Cryptogamic specimens (macroscopic/microscopic as prescribed in the theoretical syllabus. 3b. Pathological specimens (herbarium sheets) of Late blight of potato, Brown spot of rice and stem rot of jute.
- 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. At least one local excursion** to be conducted to give an idea of plant diversity, habitat of algae and fungi

Soma Roy.  
Principal  
Serampore Girls' College  
Serampore, Hooghly

Signature of Principal

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### NOTICE:

**Serampore Girls' College**  
(Estd.: 1981)  
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DEPARTMENT OF BIO-SCIENCE

Ref. No. .... Date 14/12/2022

**NOTICE**

Students of semester I, Bio science general are hereby informed that there is a local excursion is organized at serampore locality from Department of Botany Serampore Girls College, Hooghly on 19/12/2022 All students are instructed to attend the excursion. You must carry a note book, pen, camera, College Id card with you.

Handed 14/12/2022

Signature of Teacher (s)

Department of Botany  
Serampore Girl's 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