DEPARTMENT OF BOTANY

CITY COLLEGE

Report on Long Excursion 2023

Date of visit: 29/09/2023 to 04/10/2023

Place Of Visit: Ranchi, Netarhat, Betla

Paper: SEM III (Hons) Paper BOTA-CC-4-8-P: SEM V (Hons) Paper -BOTA-DSEB-6-8-P

Participants: Students of SEM III (Hons) and SEM V (Hons)

Name of the Teacher's: Smt.Sutapa Gupta, Smt.Saayela Chowdhury, Ms.Sandhya Datta

Name of the Student's: SEM III (Hons) – Amrit roy, Barun Ghosal, Snigdhodeb Sinha, Snahasish Das, Deep Mondal, Ishika Ghosal.

SEM V (Hons): Devakash Kar, Devangsh Kar, Deepbendu Kar, Sahil Akhtar, Rohit Das, Sneha China, Mukti Singh, Sreeparna Maity.

Aims and Objectives:

Aim:

This excursion trip is conducted away from college locality solely for educational purpose. The aim of this long excursion is to study different geographical peculiarities, biodiversity composition of that particular phytogeographical areas. This tour gives perfect trip of exploring tribal land, water falls, hills, forest cover comprising of wild Floras and Faunas. Ranchi is known as "Land Of Forests" as it has water bodies, enthralling terrain, hills and dense forests.

Objectives:

- 1.Long excursion is conducted to get a first hands on knowledge for the students to learn about different biodiversity.
- 2.To provide a general idea about forest ecosystem, biodiversity and understanding its all aspects.
- 3.To study about various aspects of altitudinal, forests habitat, its flora and fauna.
- 4.To study ecological aspects of their local tribes and its people.
- 5.To have an idea about the conservatory measures of the protected area.

Report on The Excursion

- On 28thSeptember,2023 we three teachers and students started our journey from Howrah Station by boarding Kriya Yoga Express to Ranchi JN at 9.30 pm. We reached Ranchi on 29thSeptember,2023.
- On29/09/2023 we visited different falls like SitaFalls, Jonha Falls, Hundru Falls and seen several
 angiospermic plants. Some local weeds are also collected, we studied local ecosystem as well as
 plant diversity. The plants collected like: Lantana camara, Sida sp, Tridaxsp, etc. We have seen
 several angiospermic trees like: Sal (Shorea robusta), Sagoon (Tectona grandis) comprising
 forest area and both of them are economically important also.
- On 30/09/2023 We visited Patratu Valley, Dam and Patratu Lake and collected some local weeds like –*Cassia sp.,Alternenthera sp,Sida acuta*, *Chrysopogon sp*, *Leucas sp etc.*
- On 01/10/2023 we reached Netarhat which is kmown as "Queen of Chotanagpur Hills", there we visited Netarhat Dam, Sunset Point, Netarhat School. Due to bad weather no plant collection done. In between our journey to Netarhat Hotel we saw dense Pine forests comprising of Gymnosperms like *Pinus roxburghii*, *Pinus excels*, *Araucaria sp. Etc.*
- On .2/10/2023 we headed to Betla National Forest where in between we saw Upper Ghagri Falls. Here also we saw dense Pine forests and collected some local weeds. At evening we visited Betla National Park where we witnessed Barasingha, Deer, Bison, Elephant, peacock etc. as wild fauna.
- On 03/10/2023 In the morning students were taught about local flora for their Quadret Ecological Study and collected some angiospermic weeds like Sida acuta, Scoparia dulcis, Justicia sp., Ageratum Conyzoides etc.
- On the way to Ranchi we saw Palamau Fort, Kechki River Sangam, en route we saw Bryophytes like Plagiochasma sp, Pogonatum sp etc. Among pteridophytes we saw Azolla sp., Adiantum sp.etc.
- On 04/10/2023 While in Ranchi we visited Rajarappa Temple saw Getalsud Dam, then returned to hotel and proceed towards Ranchi Station at 9.15 pm.

Notice:

Notice

Students of Botany Department (3rd ai 5th Sem. Hons.) will go for an educational excursion at Betla, Netarkat and adjoining area from 28.09.23 to 05.10.23 Prof. Saayela Chowdluri, Prof. Sulapa Cupla and Prof. Sandhya Datta will accompany Them.

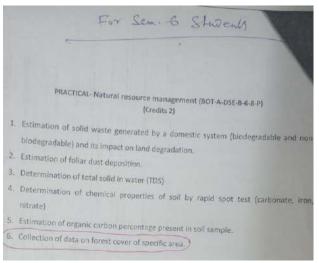
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Nandini Chamabaili 21/9/23

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

Dept of Zoology Dept of Physiology Notice Board (Botany)

Syllabus: (According to C.U.CBCS curriculum)



6. Diagnostic features. Systematic position (Bentrum & Necker and Cronduist), Escionateally important plants (parts steed and uses) of the following familias:
6.3. Misnocotive done. "Alimitations." Originates (Processe), Cyperiocess. Pulmase (Avecacies), Silvense. Annacesse. Engineeronge. Craminosan, Orthidoson.
6.2. Discrytelloris: Hyrephasicase. Magnolacese. Legiuminosan (Lambacese), Solonacese. Supprordiacese. Make an Americana, Magnolacese. Legiuminosan (Lambacese).

Supprordiarismose. Aranthiposae. Hinterioris (Apracese), Labridae (Lambacese).

Scriptivalismose. Aranthiposae. Hinterioris (Apracese). Labridae (Agracese).

PRACTICAL PLANT SYSTEMATICS (BOT-A-CC-3-7-P) (Credits 2)

1. Morriquet on Angiosperms

2. Epot Mismiffication
3. Classroome performance: (Labricoccid)
5. Vivi

ANGIOSPHRIMS
2. Vivi (Credits 2)

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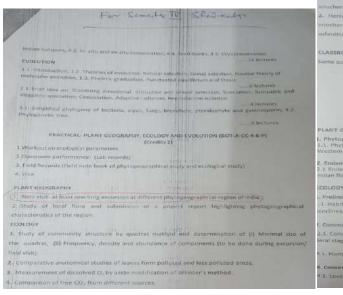
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Voucher specimen Book.

2. Herbarnum specimen. Preparation of 25 angiosparmic specimens (Identified with author statues, voucher number and arranged following Bentham & Hopea's system of slaubhouthon) to be submitted during examination.

CLASSROGIA PERFORMANCE.

Same as above.

SEMISTER IV
CORE COURSE.8

PLANT GEOGRAPHY.

L. Phytogeographical regions.

1.2. Phytogeographical regions.

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Photographs:



Group Photo with the students and teachers at Ranchi Station



Twig with crustose and foliose lichen



Pinus sp plant



At Betla National Forest



Moss a Bryophyte

Students Collecting Angiospermic weeds