

REPORT ON A STUDY TOUR  
TO  
SAHITYA MANISHI UPABAN

Submitted by : Sri Jadu muni Goswami

BSc and semester

Roll No. : 17

University R.N = 30820062

Year : 2022

# CERTIFICATE

This is to certify that Sri Jashmoni Gogoi, Roll No. 17, has participated in the study tour conducted by the Department of Botany, N.N Saitkha College for 2nd semester students in 18/06/2022. I further certify that the report being brought out in this form is the result of her endeavour and hard work, under my supervision. I recommend the report for evaluation.

Bhats  
01/07/2022

# ACKNOWLEDGEMENT

I am very grateful to Dr. Malakshmi Dutta ma'am, Head of the Department, Botany for organizing the study tour. I express my sincere gratitude to Dr. Nazim Farid Islam sir, Asst. Professor, Dept. of Botany for his unfeeling support and for conducting the study tour successfully. I would like express my heart felt thanks to Dr. Pranab Bhattacharya sir, Asst. Professor, Botany Dept., for his co-operation and support through the tour.

I am thankful to my classmates for their constant motivation and encouragement.



## Introduction :

The field study as per the curriculum was an exposure trip to a place of rich biodiversity. The field study tour programme of the 2nd semester students of Botany Department, N. N. Saikia College was planned on the date of 18<sup>th</sup> June, 2022. It was an educational tour to "Sahitya Monishi Upaban".

"Sahitya Monishi Upaban" is a park full of plant biodiversity, situated at Kendra gaon in Titabar. It was inaugurated by the Ministry of Environment, Forest and Climate Change, Assam on 30 July, 2020 by Shree Parimal Sukhyabadya.

## Biodiversity found #

Sahitya Manishi Upaban, located at Kundar gaon, Jitabar, is full of plant diversity which includes Fungus, Pteridophytes, Bryophytes, Gymnosperms and Angiosperms.

One can find different types of orchids, medicinal plants, different species of Bamboo, ornamental plants etc. Various plants of economic importance like Salkuori (*Alseblackensia*); Gathyon (*Kaempferia galanga*); Rudraksha (*Eleocarpus ganibius*); Ber gos (*Ficus benghalensis*); Dhura (*Canarium bengalense*); Rongu chandan (*Pterocarpus santalinum*) are also found.

The different types of plant species are planted separately on the area which includes, Medicinal plants, Angiosperms, Orchids, Ferns, Cactus, Ornamental plants etc.

Fungal species like *Agaricus abrupti bullus* and Red ring rot; (*Phellinus pine*) were found.

Bryophytes like *Lemularia cruciata*, *Marchantia* and *Sphagnum flecuosum* were found.

Pteridophytes like quite abundantly found, which include species like *Pteris vittata*, *Diplazium dielsianum*, *Huperzia selago*, *Adiantum capillus-veneris*, *Dygodium* and various other ferns.

Gymnosperms like *Cycas* were found.

Angiosperms was abundantly found, which include *Bon golphai*, *Kaju Badam*, *Amlaki*, *Cherichama*, *Karoli* etc.





Kingdom : Fungi  
Division : Basidiomycota  
Class : Agaricomycetes  
Order : Agaricales  
Family : Agaricaceae  
Genus : Agaricus  
Species : *A. abruptibulbus*

① The mushroom is medium sized, with a white, yellow staining cap on a slender stipe that has a wide, flat bulb on the base.

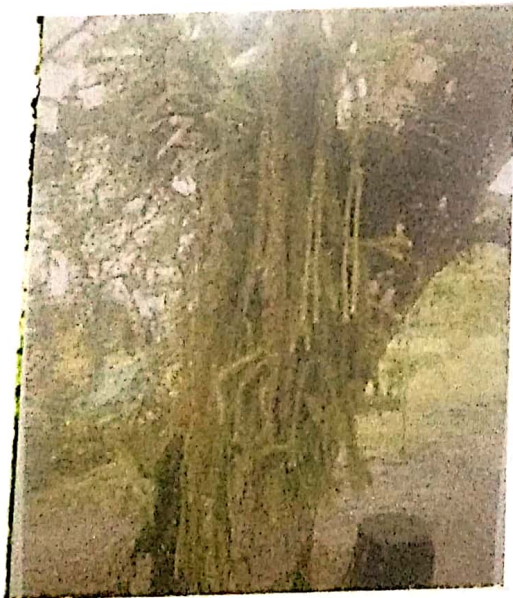


Kingdom : Fungi  
Div : Marchantiophyta  
Class : Marchantiopsida  
Order : Marchantiales  
Family : Lunulariaceae  
Genus : Lunularia  
Species : *L. cruciata*

① It grows on damp, shaded and disturbed habitats such as path and wall edges.



Kingdom : Plantae  
Clade : Tracheophytes  
Division : Polypodiophyta  
Class : Polypodiales  
Order : Polypodiales  
Family : Athyriaceae  
Genus : Diplazium



Kingdom : Plantae  
Clade : Tracheophytes  
Class : Lycophytes  
Order : Lycopodiales  
Family : Lycopodiaceae  
Sub-family : Huperziaceae  
Genus : Huperzia





Kingdom - Plantae  
Clade - Tracheophytes  
Division - Polypodiophyta  
Class - Polypodiopsida  
Order - Polypodiales  
Family - Pteridaceae  
Genus - Adiantum  
Species - A. capillus-veneris



Kingdom : Plantae  
Clade : Tracheophytes  
Division : Cycadophyta  
Class : Cycadopsida  
Order : Cycadales  
Sub-order : Cycadineae  
Family : Cycadaceae  
Genus : Cycas

## Conclusion

It was a wonderful and learning experience for me while working on this project. This project took me through the various phases of project development and gave me real insight in the world of Plant biodiversity. The joy of work and the thrill involved while tackling the various problems and challenges gave me a feel of developers industry.

I enjoyed each and every bit of work, I had put into this project.

Shruti  
01/07/2022