

From

HoD

Department of Botany

SN College Kollam

To

The Principal

SN College, Kollam

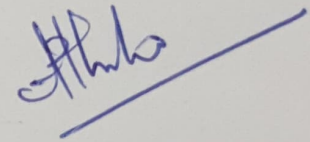
Sir

Permission may be granted to the following students and accompanying teaching and non teaching staff for a one day field trip from the Department of Botany to Ashramom, Biodiversity Heritage on 16 December, 2021

Thanking you

Yours faithfully

HoD



NISHA A P
Assistant Professor and Head
Department of Botany
S N College, Kollam

25/11/2021

Kollam


Principal
Sree Narayana College
Kollam



Accompanying Teachers

Dr. Latha Sadanandan
Dr. Kiran Raj M S
Sri. Rajendraprasad

Assistant Professor in Botany
Assistant Professor in Botany
Herbarium keeper

SREE NARAYANA COLLEGE, KOLLAM
DEPARTMENT OF BOTANY
M Sc BOTANY (2020-22)

FIELD TRIP TO ASRAMAM BIODIVERSITY HERITAGE SITE, KOLLAM

ON 16/12/2021

LIST OF STUDENTS

SL. NO.	CANDIDATE CODE	NAME
1	64520132001	Akhila Jayamon
2	64520132002	Anagha S S
3	64520132003	Anjali K
4	64520132004	Anju Sudhan S
5	64520132005	Archa V U
6	64520132006	Asha Mol V S
7	64520132007	Athira J
8	64520132008	Chithira A
9	64520132009	Devi S
10	64520132010	Gopika A
11	64520132011	Haripriya M
12	64520132012	Kripa B
13	64520132013	Lekshmi Vijin
14	64520132014	Lima P S
15	64520132015	Manju M
16	64520132016	Monisha S
17	64520132017	Roopika R S
18	64520132018	Santhy O
19	64520132019	Shafina R
20	64520132020	Souda S
21	64520132021	Sree Lekshmi A
22	64520132022	Sruthy S
23	64520132023	Thanooja M

Accompanying faculty

1. Dr. Latha Sadanandan, Assistant Professor
2. Dr. Kiranraj M S, Assistant Professor



NISHA A P
Assistant Professor and Head
Department of Botany
S N College, Kollam

ONE DAY FIELD STUDY TOUR PROGRAM: ASRAMAM BIODIVERSITY HERITAGE SITE (ABHS) KOLLAM

Kollam Asramam Biodiversity Heritage Site (ABHS), the first formed biodiversity heritage site in Kerala State, is one of the famous mangrove forest sites in the Southern Kerala which lies in Southern end of Ashtamudi Lake in Kollam district. The first biodiversity heritage site in the State will soon come up at Asramam in Kollam city. More than 50 hectares comprising the Government Guest House complex, the mangrove spread, and the creek of Ashtamudi Lake come under this heritage site. The 200 hectares adjacent to the ring road is home to mangrove forests, a historic guesthouse, and the Ashramam ground.

The state government took the initiative considering the three-decades-long fight by taxonomist N. Ravi to preserve the mangrove vegetation and the studies of Kerala Sastra Sahitya Parishad (KSSP)

To explore the biodiversity of ABHS, we kick started our Journey from Kollam KSRTC bus stand at 9:30 am, on 16/12/2021. The team includes 23 students And two accompanying faculty members : Dr. Kiran Raj M. S and Dr. Latha sadanandan.

ABHS lies in the heart place of the Kollam City, which covering an area about 200 acre. The 190 Years old British Residency, 27 acre Asramam ground with Miyawaki forest, Adventure Park, Children's park, International Hockey stadium, and the creek of Ashtamudi Lake are come under this heritage site.

We firstly explored the mangrove plants that are largely found along the bank of Ashtamudi lake. The region has rich biodiversity of mangroves and also having rare/endemic/endangered plant species like *Vateria indica*, *Hopea parviflora*, *Calamus rotang*, *Dalbergia candanensis* and *Drosera burmanni* etc. The area harbours 15 species of true mangroves, 22 species of mangroves associated, 122 species of plants, 34 species of edible fish and about 62 species of birds. Most importantly, the site has the rare and endangered heritage trees of *Syzygium travancoricum* which is listed as critically endangered in IUCN Red List. Just like other ecologically sensitive areas, It is also facing various threats to its existence from various corners including habitat loss. It is Found that the invasive alien species are increasingly altering the ecological and biological Perspectives of the ABHS.

We have also seen some common plants when we explored Asramam Adventure Park around. On the way we were able to collect variety of plants like *Sida cordifolia*, *Hopea passiflora*, *Ziziphus oenoplia*, *Hopea racophloea*, *Pothos scandens* viz. Our identification experts gave more Information about these plants which are useful for herbarium preparation. By 1:00 pm we returned back and the collected plants were pressed for herbarium preparation.



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LIST OF THE PLANTS COLLECTED DURING THE STUDY

1. *Smilax zeylanica* (Liliaceae)
2. *Canthium dicoccum* (Rubiaceae)
3. *Cissus latifloia* (Vitaceae)
4. *Cayratia pedata* (Vitaceae)
5. *Melastoma malabathricum* (Melastomaceae)
6. *Lindernia cristata* (Scrophullariaceae)
7. *Barleria prinitis* (Acanthaceae)
8. *Cassia alata* (Ceasalpiniaceae)
9. *Ziziphus oenoplia* (Rhamnaceae)
10. *Pothos scandens* (Araceae)
11. *Calamus rotang* (Arecaceae)
12. *Antigonon leptopus* (Polgonaceae)
13. *Mikania micrantha* (Asteraceae)
14. *Vataria indica* (Dipterocarpaceae)
15. *Ageratum conyzoids* (Asterqceae)

Tushar Harayil
Principal
Sree Narayana College
Kollam



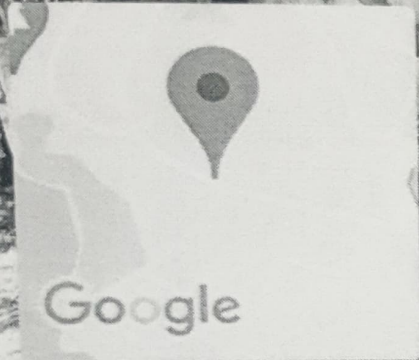
Nisha A P

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പൊന്നൂർ
1 മുതൽ 10 വരെ 2020 - 21

GPS Map Camera



Kollam, Kerala, India

VHWP+CCH, Asramam, Kollam, Kerala 691001,
India

Lat 8.895909°

Long 76.587267°

16/12/21 10:45 AM



GPS Map Camera



Kollam, Kerala, India

Guest House Rd, Asramam, Kollam, Kerala
691001, India

Lat 8.897525°

Long 76.586397°

16/12/21 11:11 AM