



BEJOY NARAYAN MAHAVIDYALAYA

[GOVT. SPONSORED]

P.O.-ITACHUNA, DIST.-HOOGHLY, PIN-712147

email: bnmy2012@yahoo.in

Fax & Phone: (03213)272-237/275

Ref. No.

Date:

DEPARTMENT OF BOTANY

FIELD WORK

SESSION-2021-22

Title of the Field work: Field study at Sundarban Biosphere Reserve

Name of teachers guided :- Dr. Goutam Ghosh and Dr. Parasuram Kamilya

Excursion places: - Gosaba (Tagore Bunglow , Hamilton Bunglow) , Bali island , Sajinekhali , Sudhanyakhali watch Tower , Dobanki Tiger Reserve , Sundarban Wild Safari

Date of onward journey: 04.04.2022

Journey starts – Bejoy Narayan Mahavidyalaya, Itachuna, Hooghly around 5.00 am

Route – Bejoy Narayan Mahavidyalaya to Sundarban via Canning to Godhkhali , Gosaba to Sundarban Biosphere Reserve

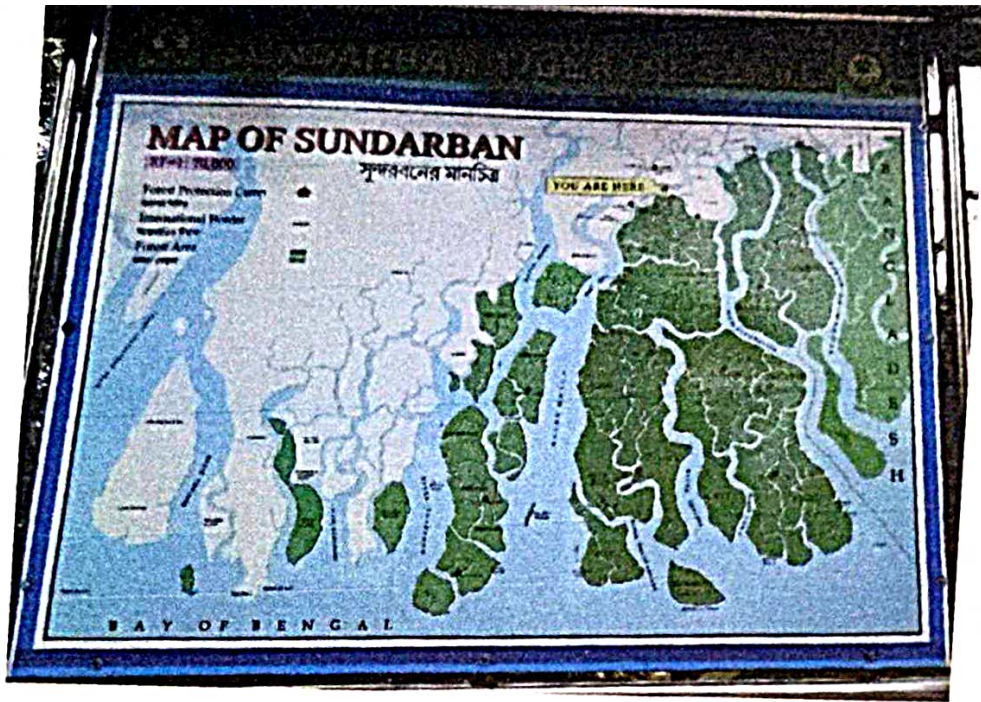
Return journey:- Bali island to Godhkhali to Canning to Sealdah to Naihati Jn to Bandel Jn and finally to Bejoy Narayan Mahavidyalaya, Itachuna, Hooghly

Details of excursion team: Total = 10 (Ten) Adults .

SL NO.	STUDENTS	SEM/YEAR	Sex with age	Roll No.	Signature
1.	Rimli Sarkar	1 ST SEM	F-20	210340300049	Rimli Sarkar
2.	Souvik Chandra	6 TH SEM	M-21	190340300078	Souvik Chandra
3.	Poulami Pal	6 TH SEM	F-21	190340300039	Poulami Pal
4.	Sayani Biswas	6 TH SEM	F-21	190340300056	Sayani Biswas
5.	Anindita Paul	6 TH SEM	F-21	190340300004	Anindita Paul
6.	Suchitra Biswas	6 TH SEM	F-21	190340300084	Suchitra Biswas
7.	Jytoirmoy Nandan	Ex student (6 TH SEM)	M-22	180340300029	Jytoirmoy Nandan
8.	Maitri Kshetrapal	Ex student (6 TH SEM)	F-22	180340300033	Maitri Kshetrapal
TEACHERS					
9.	DR. GOUTAM GHOSH		M-47	Goutam Ghosh	
10.	DR. PARASURAM KAMILYA		M-57	Parasuram Kamilya	

Parasuram Kamilya
for Head
Dept. of Botany
Bejoy Narayan Mahavidyalaya
P.O.- Itachuna, Dist.- Hooghly.

Principal
Bejoy Narayan Mahavidyalaya
P.O.- Itachuna, Dt.- Hooghly.



Objectives: The following are the objectives of field study relevant to course curricula:

1. To study the biodiversity of flora and fauna
2. To trace the evolution of plant diversity from algae to angiosperms
3. To visit and eco climatic zone having adaptation of particular group of plants (Mangrove)
4. To collect soil for comparison between halophyte and non halophyte habitat
5. To visit nature and its creatures

Methodology:

We started journey from Itachuna on 04.04.2022 at 5.00 am and reached Canning station at about 09:10 am by local train where Sanjoy Bhattacharya and his team of a travel agency guided us for journey towards study sites. The following are the date wise activities during our excursion.

Date: 04.04.2022

We reached Godkhali Ferry ghat by jeep at 10.20 am. We took our breakfast in the ship at early 10.30 am, after that we visited Gosaba for Tagore Bunglow , Hamilton Bunglow and studied local vegetation . we

Paramananda Kailya
Head
Dept. of Botany
Bejoy Narayan Mahavidyalaya
P.O.- Itachuna, Dist.- Hooghly.

Principal
Bejoy Narayan Mahavidyalaya
P.O.- Itachuna, Dt.- Hooghly.

took our lunch on ship and reached our destination at 3.00 pm on “ BALI ISLAND ; DELTA RIVER COTTAGE”, beside the Vidyadhari River. At afternoon we came outside with the students for side seen in the villages and studied them for biodiversity. Several cultural programmes were done by the students at evening with full of joy.



Journey to Gosaba



Side scene from ship



At Beacon Bunglow



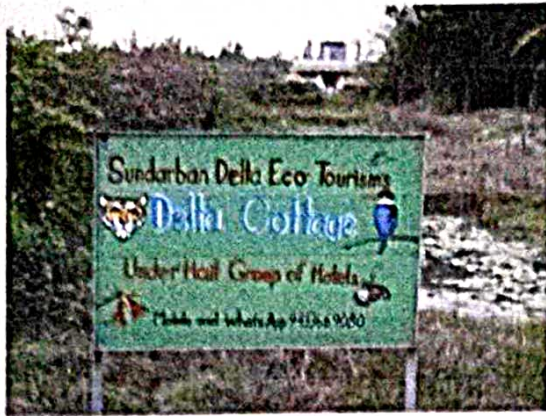
At Hamilton Bunglow



Study of biodiversity at Gosaba

Paran Head Kishy
 Dept of Botany.....
 Bejoy Narayan Mahavidyalaya
 P.O.- Itachuna, Dist.- Hooghly.

[Signature]
 Principal
 Bejoy Narayan Mahavidyalaya
 P.O.- Itachuna, Dt.- Hooghly.



Delta River Cottage



Entry point of our Cottage

Date: 05 .04.2022

On the second day at Bali island of Sundarban we cruised at around 7 am . So , we wake up early in the morning and get ready for a cruise on a ship . At first at around we went to visit Sajnekhali after breakfast on ship. Our guide took permission from authority of Sundarbans for further visit. Our guide also convinced the students about the flora and fauna of Sundarbans with their traditional knowledge and some booklets of the visited place are also supplied to students by the guide.

Now we reached at Sajnekhali Tiger Reserve Center to observe many rare species of turtle. The turtle which was an endangered species of Sundarban was named *Batugar baska* and it was locally named River Tarapin. We saw about 2 to 3 pieces of the endangered species of that turtle. The important features of mangrove were pneumatophores and root buttress of various mangrove plants were demonstrated by us. After completion of our study, we went to Mangrove Interpretation Center i.e. museum for various cultural things and civilization of sundarbans. How peoples on that place having nothing in their hands still survive in that devastating condition. People mainly catch fishes and crabs as their occupation and some people also collect honey from the deep forest by their life risk. After a short survey of museum, we went to ship for next destination Sudhanyakhali Tiger Reserve camp where students observed many endangered plant species and birds. Students visited the watch tower to get physiognomy. Botanical names of different mangrove plants are displayed by boards on that area. Students collected soil of both normal and saline for comparison in our laboratory (CC-5). They also collected *Sueda maritima*, *Heritiera fomes* and *Avicennia* sp. for anatomical practical in our laboratory (DSE-3). *Students are highly impressed after getting vivipary of some obligate halophytes.* After that I came back to ship and cruise again to back for Bali Island. During return we took lunch on the ship. After Tiffin on the ship the students went to their room and sorted out all the collected specimens with proper preservation techniques.

Paramananda Kanchy

Head
Dept. of Botany
Bejoy Narayan Mahavidyalaya
P.O. - Itachuna, Dist.- Hooghly.

Principal
Bejoy Narayan Mahavidyalaya
P.O.- Itachuna, Dt.- Hooghly.



At Sajnekhali Tiger Reserve



During field work guided to students



Root buttress (Spotted)



Report preparation by the students with field guide

Principal
Bejoy Narayan Mahavidyalaya
P.O.- Itachuna, Dt.- Hooghly.

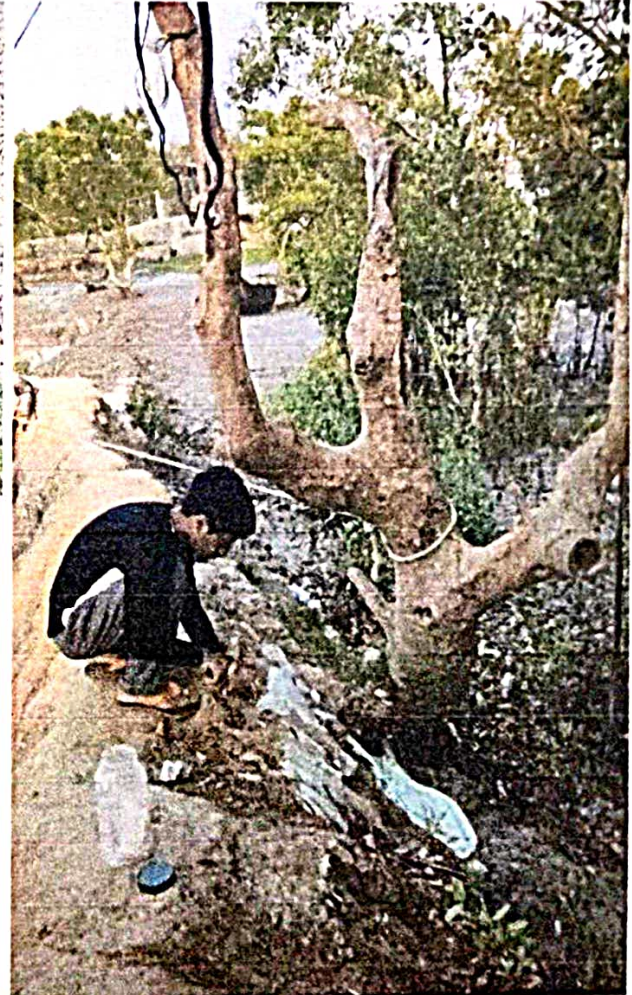
Paraman Kalya
for Head
Dept. of Botany
Bejoy Narayan Mahavidyalaya
P.O.- Itachuna, Dist.- Hooghly.



Sudhanyakhali Camp



Report preparation

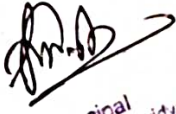


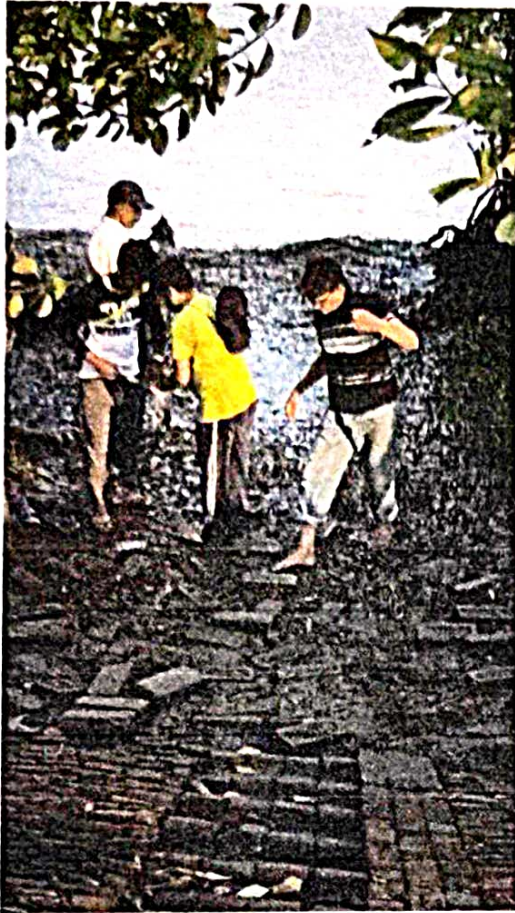
Soil collection from mesophytic zone



Local village survey

Paranra Kailys
for Head
Dept. of..... Botany.....
Bejoy Narayan Mahavidyalaya
P.O.- Itachuna, Dist.- Hooghly.


Principal
Bejoy Narayan Mahavidyalaya
P.O.- Itachuna, Dt.- Hooghly.

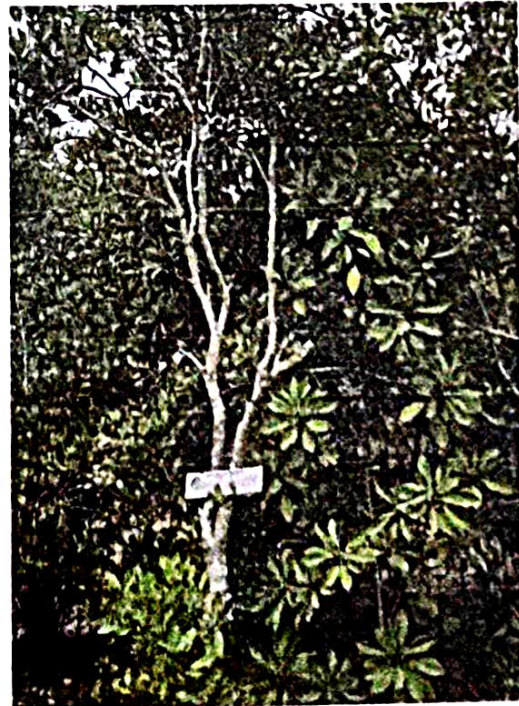


Soil Collection beside river shore
(Vidyadhari River)




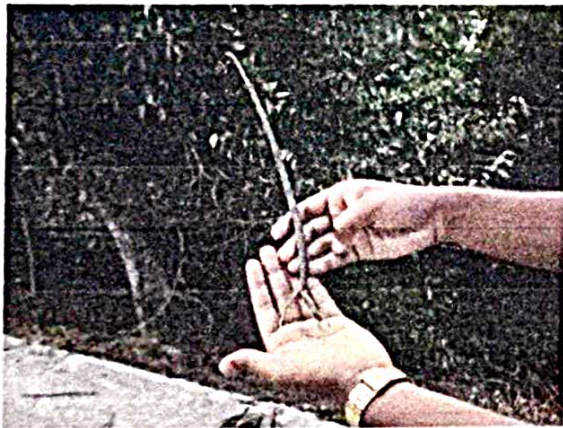
Soil Collection from paddy field

Some of the endangered plant species are enlisted below:



Paradip Head Kailya
Dept. of Botany
Bejoy Narayan Mahavidyalaya
P.O.- Itachuna, Dist.- Hooghly.


Principal
Bejoy Narayan Mahavidyalaya
P.O.- Itachuna, DL- Hooghly.



Date: 06.04.2022

Around 4:00 a.m. students wake up and completed their bath and get ready for breakfast at 6 am. Now we started journey to Dobanki Tiger reserve camp. This journey was too long to reach place. They observed a lot of deers, birds and different mangrove species. After 2 hours of journey we took lunch on the ship and finally reached Godkhali ferry ghat at around 2.40 p.m. and from there we return canning by bus and then Sealdah by train and finally reached our residence

Pargamran Kanti
for Head
Dept. of.....*Botany*.....
Bejoy Narayan Mahavidyalaya
P.O.- Itachuna, Dist.- Hooghly.

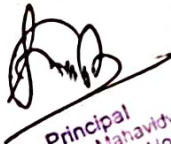

Principal
Bejoy Narayan Mahavidyalaya
P.O.- Itachuna, Dt.- Hooghly.

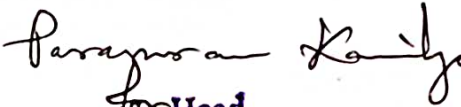
Outcome:

- i) Students got an idea about Sundarbans Biosphere Reserve which is one of the largest mangrove vegetation of World.
- ii) They visited a separate eco-climatic habitat for halophytes which is quite separate from other biomes
- iii) A unique unit of biodiversity of world, which is rich in many endangered and endemic living organism. This enriches their knowledge of biodiversity with their theoretical study.
- iv) Students also visited a new ecotourism zone first time.

Financial support:

We received Rs. 15,000/- (Rupees fifteen thousand only) from college authority in connection with this Botanical Excursion


Principal
Bejoy Narayan Mahavidyalaya
P.O.- Itachuna, Dt.- Hooghly.


for Head
Dept. of..... Botany.....
Bejoy Narayan Mahavidyalaya
P.O.- Itachuna, Dist.- Hooghly.

Permission letter to the authority is attached herewith:

Phone : (03213) 272-275



BEJOY NARAYAN MAHAVIDYALAYA

[GOVT. SPONSORED]

P.O.—ITACHUNA, (HOOGHLY), PIN—712147

Telegraph Office—KHANYAN [E.R.]

Ref. No _____

Date _____

Dated: 16.03.2022

To
The Principal,
Bejoynarayan Mahavidyalaya,
Itachuna, Hooghly.

Sub. Application for grant for Excursion

This is for your kind information that we are going to conduct the Botanical excursion at Sundarban Biosphere Reserve during 1st week of April, 2022 as per syllabus. This decision has taken from the departmental meeting held on 19.02.2022.

We request you to provide the necessary grant Rs. 15,000 (Rupees Fifteen thousand) for various expenditure and smooth conduction of the tour.

Expenditure for hotels, vehicles etc- Rs-10000/-
Expenditure for specimen collection and preservation- Rs-5000/-

Total-15000/-

Thanking You.

Yours faithfully,

Arundhan Mandal

(Head of the department)

Head of the department
Bejoy Narayan Mahavidyalaya
Itachuna, Hooghly

Desmita
16/03/22
Bejoy Narayan Mahavidyalaya
Itachuna, Hooghly

Date-19.02.2022

A Departmental meeting conducted with the present departmental faculties to discuss about the following agendas-

1. Discuss about the SEM-III (G) Practical exam. 2021. Departmental.
2. Virtual Seminar arrangement of Anushka Mandal and Dibyendu Hazra (Both are the students of M.Sc., University of Burdwan)
3. Departmental excursion for 2021-22 Season
3. Miscellaneous discussion.

Signature of teachers present:—

1. C. Ghosh. 19/2/22.
2. Lily Bhattacharya
3. 19.02.22
4. Arindam Mandal 19.02.22.
5. Hewanta Kumar Ghosh 19/02/22

It is resolved that SEM-III (G) Practical examination will be conducted by Prof. Hewanta Kumar Ghosh and Dr Arindam Mandal on 22/02/2022 from 12 noon to 03:00 pm. Regarding the seminar, it is resolved that Anushka Mandal and Dibyendu Hazra will be deliver their seminar lectures in presence of faculties and students of Botany department.

Regarding the excursion, it is resolved that an educational tour will be conducted at Sundarban Biosphere Reserve, after the completion of 1st SEM examination under the guidance of Dr. Paraguram Kamliya and Dr. Goutam Ghosh. The advance amount of Rs. 15000/- (Fifteen thousand) will be deposited in the account of Dr. Goutam Ghosh.

Arindam Mandal
Head, Dept. of Botany
Burdwan Mahavidyalaya
P.O. Bardhaman, Dist. Bardhaman



Phone : (03213) 272-275

BEJOY NARAYAN MAHAVIDYALAYA

[GOVT. SPONSORED]

P.O.—ITACHUNA, (HOOGHLY), PIN—712147

Telegraph Office—KIIANYAN [E.R.]

Ref. No. _____

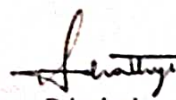
Date 01/09/2022

An educational tour from Department of Botany of our college is going to be held at Sundarban Wildlife Sanctuary (South 24 Pargana , West Bengal) and adjoining areas from 4th April to 6th April , 2022 . I request you to help them as and when required .

Details of jouney members is given below:

Total = 10 (Ten) Adults .

SL NO.	STUDENTS	SEM/YEAR	SEX (M-male, F-female)
1.	Rimli Sarkar	1 st SEM	F
2.	Souvik Chandra	6 th SEM	M
3.	Poulami Pal	6 th SEM	F
4.	Sayani Biswas	6 th SEM	F
5.	Anindita Paul	6 th SEM	F
6.	Suchitra Biswas	6 th SEM	F
7.	Jytoirmoy Nandan	6 th SEM	M
8.	Maitri Kshetrapal	6 th SEM	F
TEACHERS			
9.	DR. GOUTAM GHOSH	47 years	M
10.	DR. PARASURAM KAMILYA	57 years	M


Principal
Bejoy Narayan Mahavidyalaya
P.O. Itachuna Hooghly

To
The Principal,
Bejoynarayan Mahavidyalaya,
Itachuna, Hooghly.

Dated:

Sub. Application for Leave on Duty

This is for your kind information that we are going to conduct the Botanical excursion for SEM I& VI of B.Sc Botany (Hons.) 2022 at Sundarban Wildlife Sanctuary (South 24 Parganas, West Bengal) and adjoining areas during the period from April 04th to 06th April 2022 as per schedule.

We request you to grant leave on duty for those days (three days).

Thanking You

Yours Sincerely,

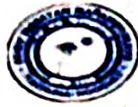
Goutam Ghosh
.....
Dr. Goutam Ghosh

Parasuram Kamilya
.....
Dr. Parasuram Kamilya

Allowed
Sincerely
01/4/2022
for Principal
Bejoynarayan Mahavidyalaya
P.O. - Itachuna, Dt. - Hooghly.

Certificates issued to the students by the Department of Botany are attached herewith:

Bejoy Narayan Mahavidyalaya



FAX & PHONE: (03213) 272-237/275 [GOVT. SPONSORED], NAAC ACCREDITED (SECOND CYCLE)
P.O. - ITACHUNA, DIST. - HOOGHLY, PIN - 712147
E-mail: bnmv2012@yahoo.in website: www.bnmv.ac.in

It is Certified that Sri/Smt. Rimfi Sarkar
Roll No. 210340300049 Registration No. 202101049858 of
2021 - 2022 B.A./B.Sc. Honours /General
participated in the educational tour / field study pertaining to the paper/course
from 09-04-2022 to 06-04-2022 at Sundarban Biosphere Reserve
His/Her performance during the tour/study was satisfactory.

Arindam Mandal
Head of Department

[Signature]
12.4.22

Bejoy Narayan Mahavidyalaya



FAX & PHONE: (03213) 272-237/275 [GOVT. SPONSORED], NAAC ACCREDITED (SECOND CYCLE)
P.O. - ITACHUNA, DIST. - HOOGHLY, PIN - 712147
E-mail: bnmv2012@yahoo.in website: www.bnmv.ac.in

It is Certified that Sri/Smt. Souvik Chandra
Roll No. 190340300078 Registration No. 201901040206 of
2019 - 2020 B.A./B.Sc. Honours /General
participated in the educational tour / field study pertaining to the paper/course BSE-1
from 04-04-2022 to 06-04-2022 at Sundarban Biosphere Reserve
His/Her performance during the tour/study was satisfactory.

Arindam Mandal
Head of the Department

[Signature]
12.4.22

Bejoy Narayan Mahavidyalaya



FAX & PHONE: (03213) 272-237/275 [GOVT. SPONSORED]: NAAC ACCREDITED (SECOND CYCLE)
P.O. - ITACHUNA, DIST. - HOOGHLY, PIN - 712147
E.mail. bnmv2012@yahoo.in website: www.bnmv.ac.in

It is Certified that Sri/Smt. Poulami Pal
Roll No. 190310300039 Registration No. 201901010164 of
2019-2020 B.A/ B.Sc. Honours /General
participated in the educational tour / field study pertaining to the paper/course DSF-3
from 01.01.2022 to 06.01.2022 at Sundarban Biosphere Reserve
His/Her performance during the tour/study was satisfactory.

Anindam Mandal
Head of the Department



[Signature]
Principal 12-4-22

Bejoy Narayan Mahavidyalaya



FAX & PHONE: (03213) 272-237/275 [GOVT. SPONSORED]: NAAC ACCREDITED (SECOND CYCLE)
P.O. - ITACHUNA, DIST. - HOOGHLY, PIN - 712147
E.mail. bnmv2012@yahoo.in website: www.bnmv.ac.in

It is Certified that Sri/Smt. Sayani Biswas
Roll No. 190310300056 Registration No. 201901010183 of
2019-2020 B.A/ B.Sc. Honours /General
participated in the educational tour / field study pertaining to the paper/course DSF-3
from 01.01.2022 to 06.01.2022 at Sundarban Biosphere Reserve
His/Her performance during the tour/study was satisfactory.

Anindam Mandal
Head of the Department



[Signature]
Principal 12-4-22

Bejoy Narayan Mahavidyalaya



FAX & PHONE: (03213) 272-237/278 [GOVT. SPONSORED]; NAAC ACCREDITED (SECOND CYCLE)
P.O. - ITACHUNA, DIST. - HOOGHLY, PIN - 712147
E. mail: bnmv2012@yahoo.in, website: www.bnmv.ac.in

It is Certified that Sri/Smt. Anindita Paul
Roll No. 190340300004 Registration No. 201901040128 of
2019 - 2020 B.A./B.Sc. Honours /General
participated in the educational tour / field study pertaining to the paper/course DSE - 3
from 09.01.2022 to 06.04.2022 at Sundarban Biosphere Reserve
His/Her performance during the tour/study was satisfactory.

Anindam Mandal
Head of the Department



[Signature]
12.9.22
Principal

Bejoy Narayan Mahavidyalaya



FAX & PHONE: (03213) 272-237/278 [GOVT. SPONSORED]; NAAC ACCREDITED (SECOND CYCLE)
P.O. - ITACHUNA, DIST. - HOOGHLY, PIN - 712147
E. mail: bnmv2012@yahoo.in, website: www.bnmv.ac.in

It is Certified that Sri/Smt. Suchitna Biswas
Roll No. 190340300084 Registration No. 201901040212 of
2019 - 2020 B.A./B.Sc. Honours /General
participated in the educational tour / field study pertaining to the paper/course DSE - 3
from 09.01.2022 to 06.04.2022 at Sundarban Biosphere Reserve
His/Her performance during the tour/study was satisfactory.

Anindam Mandal
Head of the Department



[Signature]
12.01.22
Principal