

To,

The Principal,
A.K.P.C Mahavidyalaya.
Bengai, Hooghly.

Sub:- Requesting to giving
Permission of Excursion.

Respected Sir,

We are the student of zoology
(Sem - 1) of A.K.P.C Mahavidyalaya, wish to go an
educational tour for completing our practical
curriculum. If you given the Permission to conducting
the tour as early as possible, we ~~are~~ will be
greatful to you.

yours obediently,

1st Sem Students of
Zoology.

1. Payal Mondal.
2. Pratanu Karmakar.
3. Sudeshna Roy.
4. Moubani Dey.
5. Monojit Koley.
6. Goutam Ghoshal
7. Suman pandit
8. Anwesha Koley.
9. Ankita Bhattacharya.
10. Sunayana Bera.

11. Puja Basman .
12. Nilavaranjan Jana .
13. Krishna Mondal .
14. Purbali Chatterjee .
15. Subhadip Ghosh .
16. Piyali Nandi .
17. Soumya Ghosh .

AGHOREKAMINI PRAKASHCHANDRA MAHAVIDYALAYA



(ESTD - 1959)

ACCREDITED BY NAAC AT B LEVEL

AFFILIATED TO THE UNIVERSITY OF BURDWAN & RECOGNISED BY U.G.C.

SUBHASNAGAR ♦ P.O. - BENGAI ♦ P.S. - GOGHAT
DIST. - HOOGHLY ♦ PIN CODE - 712 811 ♦ W.B.

STD. : 03211 ☎ : 246 235 / 246 772, FAX - 913211 246 772
Website : www.akpcmahavidyalaya.org Email : akpc_m@yahoo.co.in

Date 27.12.22

Ref. No.

To
The principal
A.K.P.C. Mahavidyalaya
Bengai, Hooghly
Respected Sir,

This is for your kind information that the Educational Tour of the students of B.sc Semester-I (Hons) students of the Department of Zoology will be organized at Digha from 02.01.2023 to 04.01.2023.
If you kindly give permission, the tour will be successful and we shall be highly grateful to you.

Thanking you,

Yours faithfully
Azizur Rahaman
Prof. Azizur Rahaman
Department of Zoology
Head (Actg.)
Dept. of Zoology
A.K.P.C. MAHAVIDYALAYA
P.O.-Bengai, Dist.-Hooghly

[Signature]
Principal
AGHOREKAMINI PRAKASHCHANDRA MAHAVIDYALAYA
P.O.-Bengai, Dist.-Hooghly
27/12/22



AGHOREKAMINI PRAKASHCHANDRA MAHAVIDYALAYA



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Azizur Rahaman
Prof. Azizur Rahaman

Department of Zoology

Head (Actg.)
Dept. of Zoology
A.K.P.C. MAHAVIDYALAYA
P.O.-Bengai, Dist.-Hooghly

Janna
27/12/22
Principal
AGHOREKAMINI PRAKASHCHANDRA MAHAVIDYALAYA
P.O.-Bengai, DL-Hooghly

NAME OF STUDENTS AND TEACHERS

SL NO	NAME
1.	Payel Mondal
2.	Pratanu Karmakar
3.	Sudeshna Roy
4.	Moubani De
5.	Goutam Ghoshal
6.	Suman Pandit
7.	Anwasha Koley
8.	Ankita Bhattacharya
9.	Sunayna Bera
10.	Nilava Ranjan Jana
11.	Krishna Mandal
12.	Purbali Chatterjee
13.	Subhadip Ghosh
14.	Sourav Ghosh
15.	Musiar Ali Khan
16.	Prof. Azizur Rahaman
17.	Prof. Soumyadip Bhuin

A FIELD REPORT ON BIODIVERSITY STUDY
AT
DIGHA SEA BEACH



Roll No. : 190340100036

Registration No.: 201901037793 of 2019-20

ACKNOWLEDGEMENT:

We are the students of B.Sc Hons Ist Semester, Department of Zoology, A.K.P.C. Mahavidyalaya, Bengai, Hooghly, express our deep sense of gratitude to our respected teacher Mr. Azizur Rahaman (H.O.D.), Dr. Koushik Roy, Mr. Soumyadip Bhui and Miss. Munna Mondal for their valuable guidance during this field work and necessary suggestion and advices in the preparation of the field note book.

We will grateful to Mr. Mrityunjoy Mapui for his endless help throughout our study period.

We are showing the heartiest gratitude to our friends and family members for mental, financial and other supports from all corners and encouragement.

Last but not the least we must have to mention the overall supports in all respect given by Dr. Paramartha Ghosh, Principal of our college, his total encouragement throughout the course in worth mentioning.

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OUR TEAM

Name of Teachers :

Prof. Azizur Rahaman

Prof. Soumyadip Bhuiin

Name of the student :

1. Payel Mondal
2. Pratanu Karmakar
3. Sudeshna Roy
4. Moubani De
5. Monojit Koley
6. Goutam Ghoshal
7. Suman Pandit
8. Anwesh Koley
9. Ankita Bhattacharya
10. Sunayna Bera
11. Nilava Ranjan Jana
12. Krishna Mandal
13. Subhadip Ghosh
14. Purbali Chatterjee
15. Sourav Ghosh



Tour Programme

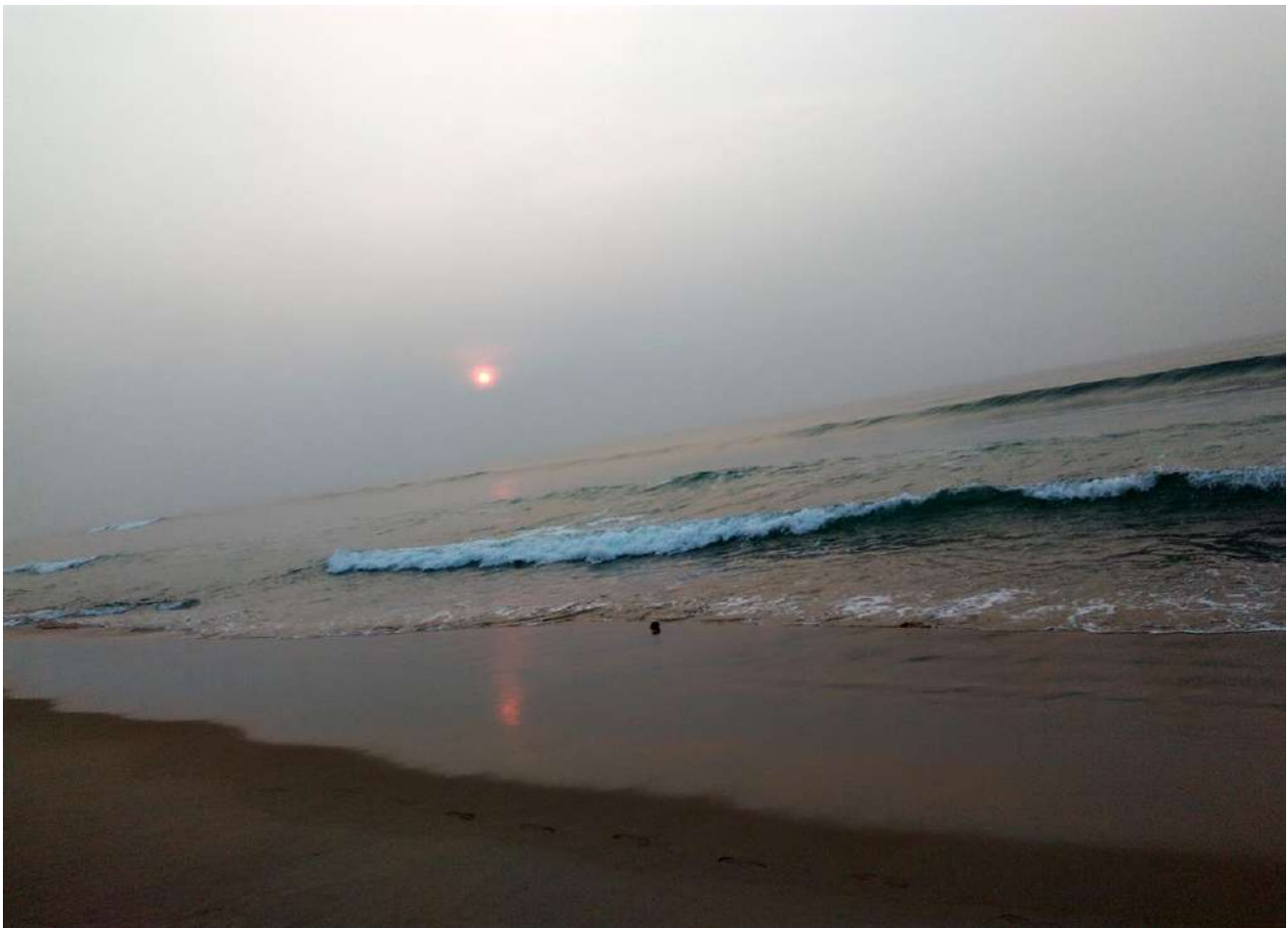
02.01.2020:- Departure from Howrah to New Digha by 12857 Kandari Express at 2.25 pm

02.01.2020:- - Arrival at New Digha Station at 6.10 pm

03.01.2020:- Visit to New Digha Sea Beach, Talsari & Science Centre

04.01.2020:- Visit to Digha Mohona & surrounding area

04.01.2020:- Return Howrah by Tamralipta Express



PREAMBLE:

Ecology deals with organisms and their environment and it is important that we understand the relationship between them. Probably the most important statement that we can make about this relationship is that different kinds of organisms are not distributed at random amongst different kind of environment. There is a correspondence is between the two. The correspondence is part of our sense of the order of the things. But, what exactly is the nature of the match between organism and their environment. It is quite impossible to think of an organism without an environment, but easily possible to think of environments without organisms. It is convenient therefore to consider first the variation that exists in environment. Even a sand grain on the surface of the moon has an environment. The climate is one component of this environment and is determined by the radiation, which drives the radiation in its temperature and moves it in atmosphere. The earth is exposed to solar radiation that varies across its surface, depending on its distance from movement around and changing inclination to the sun. Extinction has always been a fact of life, but the arrival of human has injected some novelty into the list of its causes. Over exploitation by hunting was probably the first of this, but more recently a large array of over impact have been brought to bear including habitat destruction, introduction of exotic pest and pollution. Not surprisingly conservation of world-remaining species has come to assume great importance.

Importance of Field Excursion:

Field excursions are very much essential unlike theoretical studies and monotony associated with it, an excursion may help the mind of students to assimilate much information regarding biological diversity and interaction of animals with the environment right from the school of nature, along with lots of a bonus. Study of species population in the natural habitat is the spirit of zoological excursions.



DIGHA SEA BEACH:

Digha is a seaside resort town in the state of West Bengal, India. It lies in Purba Medinipur district and at the northern end of the Bay of Bengal. It has a low gradient with a shallow sand beach. It is a popular sea resort in West Bengal. Digha is located at 21°38'18"N 87°30'35"E. It has an average elevation of 6 metres (20 ft).

It is located 183 km (114 mi) from Kolkata/Howrah via Mecheda and 234 km (145 mi) via Kharagpur,



Table 1: Fish diversity study:

Sample no	Common name	Scientific name
1	Ilish	<i>Hilsa ilisa</i>
2	Bhetki	<i>Lates calcarifer</i>
3	Pomfret	<i>Pampus sp</i>
4	Khoira	<i>Gudusia chapra</i>
5	Shark	<i>Scoliodon sp.</i>
6	Parshe	<i>Mugil parsia</i>
7	Bombay duck	<i>Harpadon nehereus</i>

Table 2: Diversity of other group of marine animals found in Puri sea beach:

Sample no	Systemic Position	Scientific name	Common name
1	Phylum-Cnidaria Class-Anthozoa	<i>Metridium sp</i>	Sea Anemone
2	Phylum-Mollusca Class-Gastropoda	<i>Sepia sp.</i>	
3	Phylum-Echinodermata Class-Asteroidea	<i>Asterias sp.</i>	Star fish
4.	Phylum-Arthropoda Class-Malacostraca	<i>Macrobrachium sp.</i>	Galdachingri







DIGHA SCIENCE CENTRE

Digha Science Centre is one of the Satellite unit of Birla Industrial and Technological Museum functioning under the aegis of National Council of Science Museums, Ministry of Culture, Govt. of India. The Centre is built by Government of India for propagation of knowledge of science and technology to the tourist, rural community, students through exhibits of various conceptual teaks and technological prototypes and also version science education or awareness activities. Apart from beaches, Digha Science Centre became the centre of attraction to the tourist and student community since the reception of the centre in 31st August, 1997



CONCLUSION:

It can be concluded that through the excursion we got a first hand knowledge about some natural and wild animals, their behavior, ecological condition e.t.c. which is impossible to get by theoretical text book study. Thus the excursion made to solve our curiosity and to be intimated without subject – Zoology.

More over the joy, we had in the described trips in an ever lasting wealth rest our life.

