

NATURE CLUB

P. N. DAS COLLEGE



INTRODUCTION

A nature club is a community-based group that is dedicated to promoting an understanding and appreciation of the natural world. It brings together individuals who share a common interest in environmental conservation, outdoor activities, and fostering a deeper connection with nature.

The primary goal of our nature club is to create awareness about the importance of preserving and protecting the environment. Through various initiatives and activities, such as nature walks, field trips, plantation, etc. Our nature club seeks to engage students and teachers of our college, in learning about the natural world and understanding its intricate ecosystems.

Another essential aspect of nature clubs is promoting sustainable practices and encouraging individuals to adopt environmentally friendly lifestyles. We provide awareness on sustainable gardening, waste management, energy conservation, and other eco-friendly topics.

Our Nature club also serves as platforms for networking and community building. We bring together like-minded individuals who share a passion for nature, fostering a sense of camaraderie and support. We exchange ideas, share experiences, and collaborate on environmental projects, creating a stronger collective voice for conservation.

We try to inspire individuals to become active participants in protecting and preserving our planet's precious resources.

OBJECTIVES

Our objective:

1. To conserve and promote biodiversity.
2. Getting familiar with flora and fauna around us.
4. Conserving bird habitats.

5. Getting acquainted with wild life around us.
6. Recognising animal rights.
7. Making the Earth more greener by plantation of trees.
8. Arranging healthy competition and sensitizing students and society on environmental issues.
9. Fighting pollution; air, water and soil.
10. To say no to plastics.
11. Segregating biodegradable and non biodegradable waste.
12. To promote cultivation of medicinal plants.
13. To identify and know the names of birds around us.
14. Counting and naming trees in our college.
15. Granting award on the basis of contribution towards environment; such as, by plantation drive and so on.
16. Proper maintenance of the water bodies in the college and around us.
17. To reduce emission by use of solar energy.
18. To place bird nest friendly boxes and earthen pots on the trees.
19. To introduce bird feeders in the college.
20. To observe and celebrate different days of environmental importance.
21. To contribute to the beautification of the college.
22. Proper disposal of E-waste
23. Arranging Nature Study tours.

THE EARTH IS NOT FOR HUMAN ALONE. MAKE IT A BETTER PLACE FOR LIVING FOR ALL LIVING CREATURES

Conservation and promotion of Biodiversity

We have a lush green campus. We meticulously maintain the biodiversity of the campus. We undertake plantation activities, to celebrate different days of environmental importance, such as Earth Day, World Environment Day etc.

LIST OF PLANTS IN THE CAMPUS

Sl no.	Name	Scientific Name
1.	KADAMBA	<i>Anthocephalus indicus</i>
2.	JARUL	<i>Lagerstroemia speciosa</i>
3.	AKASHMONI/ SONAJHURI	<i>Acacia auriculiformis</i>
4.	NEEM	<i>Azadirachta indica</i>
5.	DEODAR	<i>Cedrus deodara</i>
6.	KANAKCHUNRA	<i>Peltophorum Pterocarpum</i>
7.	KRISHNACHURA	<i>Delonix regia</i>
8.	AAM [MANGO]	<i>Amoeba</i>
9.	KANTHAL [JACKFRUIT]	<i>Artocarpus heterophyllus</i>
10.	PEEPAL	<i>Ficus religiosa</i>
11.	MEHOGINI	<i>Swietenia macrophylla</i>
12.	JAAM	<i>Syzygium cumini</i>

13.	SWET CHAMPA	<i>Magnolia champaca</i>
14.	SWARNO CHAMPA	
15.	KUL [BER]	<i>Ziziphus mauritiana</i>
16.	SABEDA	<i>Manilkara zapota</i>
17.	KANCHAN	<i>Bauhinia variegata</i>
18.	GUGGUL	<i>Commiphora wightii</i>
19.	MOSANDA	<i>Mussaenda</i>
20.	TEAK	<i>Tectona grandis</i>
21.	COCONUT	<i>Cocos nucifera</i>
22.	DATE PALM	<i>Phoenix dactylifera</i>
23.	CASIA PALM	<i>Cassia fistula</i>
24.	GUAVA	<i>Psidium guajava</i>
25.	GOLDEN DURANTA	<i>Duranta repens</i>
26.	RONGON	<i>Ixora coccinea</i>
27.	TAGOR	<i>Tabernaemontana divaricata</i>
28.	JABA	<i>Hibiscus rosa-sinensis</i>
29.	AMALTAS	<i>Cassia fistula</i>

30.	MOHUA	<i>Madhuca longifolia</i>
31.	ASHOKE	<i>Saraca asoca</i>
32.	CANONBALL TREE	<i>Couroupita guianensis</i>
33.	MAGNOLIA	<i>Magnolia grandiflora</i>
34.	WHITE JAMUN	<i>Syzygium cumini</i>
35.	LITCHI	<i>Litchi chinensis</i>
36.	HALUD BOU	<i>Handroanthus serratifolius</i>
37.	PAPAYA	<i>Carica papaya</i>
38.	GANDHORAJ	<i>Gardenia jasminoides</i>
39.	KARAMCHA	<i>Carissa carandas</i>
40.	KANTHALI CHAMPA	<i>Navaurja Chini</i>
41.	SWET KAROBI	<i>Nerium oleander</i>
42.	ROSE	<i>Rosa</i>
43.	AMRA [HOG PLUM]	<i>Spondias mombin</i>
44.	CALLIANDRA	<i>Calliandra</i>
45.	AMLOKI	<i>Phyllanthus emblica</i>
46.	CURRY PLANT	<i>Murraya koenigii</i>

47.	PATABAHAR [AGLAONEMA]	<i>Codiaeum variegatum</i>
48.	THUJA	<i>Thuja occidentalis</i>
49.	TAMARIND	<i>Tamarindus indica</i>
50.	ARICA PALM	<i>Dyopsis lutescens</i>
51.	BAEL	<i>Aegle marmelos</i>
52.	SIRISH	<i>Albizia lebbek</i>
53.	JAG DUMUR [WILD FIG]	<i>Ficus racemosa</i>
54.	FURCARIA	<i>Furcraea</i>
55.	ORCARIA	

NAMES OF BIRDS

Sl no.	Name	Scientific Name
1.	GREATER COUCAL	<i>Centropus sinensis</i>
2.	WHITE RUMPED MUNIA	<i>Lonchura striata</i>
3.	PALE BILLED FLOWERPECKER	<i>Dicaeum erythrorhynchos</i>
4.	RED WHISKERED BULBUL	<i>Pycnonotus jocosus</i>
5.	RED VENTED BULBUL	<i>Pycnonotus cafer</i>

6.	BLACK DRONGO	<i>Dicrurus macrocercus</i>
7.	YELLOW FOOTED GREEN PIGEON	<i>Treron phoenicoptera</i>
8.	ORANGE HEADED THRUSH	<i>Geokichla citrina</i>
9.	ROSE RINGED PARAKEET	<i>Psittacula krameri</i>
10.	ALEXANDRINE PARAKEET	<i>Psittacula eupatria</i>
11.	BROWN SHRIKE	<i>Lanius cristatus</i>
12.	ORIENTAL MAGPIE ROBIN	<i>Copsychus saularis</i>
13.	COMMON HOOPOE	<i>Upupa epops</i>
14.	BLACK HOODED ORIOLE	<i>Oriolus xanthornus</i>
15.	ASIAN KOEL	<i>Eudynamys scolopaceus</i>
16.	COMMON CUCKOO	<i>Cuculus canorus</i>
17.	BLACK CROWNED NIGHT HERON	<i>Nycticorax nycticorax</i>
18.	CATTLE EGRET	<i>Bubulcus ibis</i>
19.	ASIAN OPENBILL	<i>Anastomus oscitans</i>
20.	COPPERSMITH BARBET	<i>Psilopogon haemacephalus</i>
21.	WHITE THROATED KINGFISHER	<i>Halcyon smyrnensis</i>
22.	COMMON KINGFISHER	<i>Alcedo atthis</i>

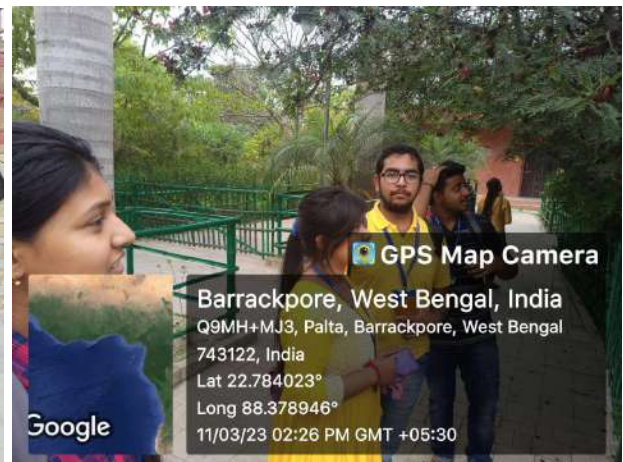
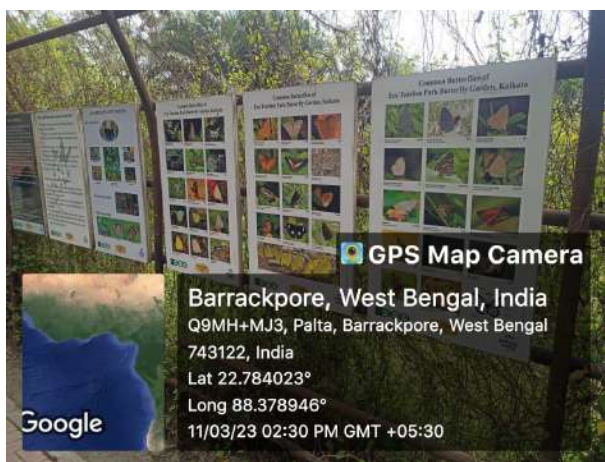
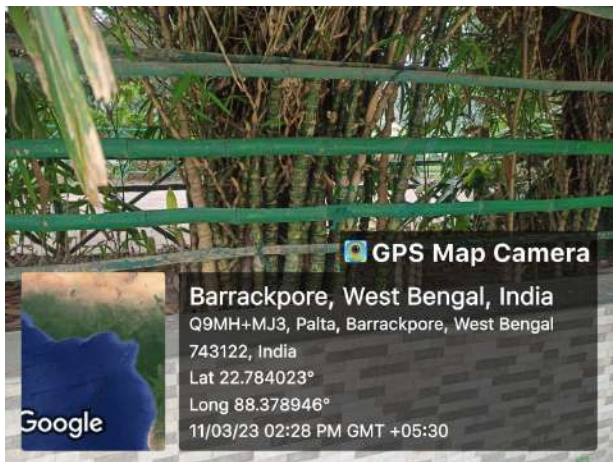
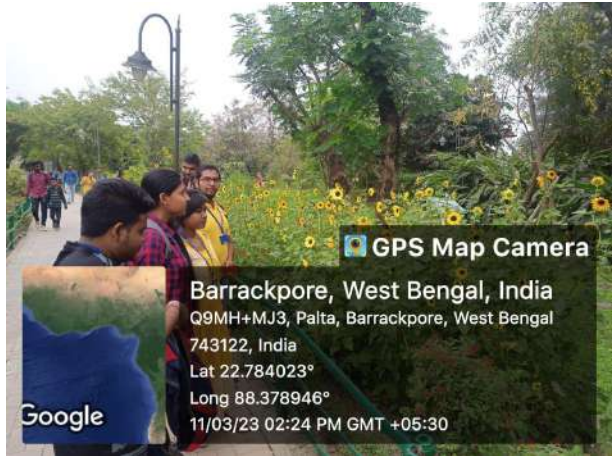
23.	RUFOUS TREEPIE	<i>Dendrocitta vagabunda</i>
24.	PURPLE SUNBIRD	<i>Cinnyris asiaticus</i>
25.	PURPLE RUMPED SUNBIRD	<i>Leptocoma zeylonica</i>
26.	COMMON MOINA	<i>Acridotheres tristis</i>
27.	COMMON CROW	<i>Corvus brachyrhynchos</i>
28.	TAILOR BIRD	<i>Orthotomus</i>
29.	HOUSE SPARROW	<i>Passer domesticus</i>
30.	INDIAN PIED MOINA	<i>Gracupica contra</i>
31.	LESSER FLAMEBACK WOODPECKER	<i>Dinopium benghalense</i>
32.	FULVOUS BREASTED WOODPECKER	<i>Dendrocopos macei</i>
33.	SHIKRA	<i>Accipiter badius</i>
34.	BLACK KITE	<i>Milvus migrans</i>
35.	WHITE BREASTED WATERHEN	<i>Amaurornis phoenicurus</i>
36.	EURASIAN HOOPOE	<i>Upupa epops</i>

LIST OF ACTIVITIES

2018-2019			
SL. NO.	NAME OF EVENT	DATE	PLACE
1.	PROGRAM ON EARTH DAY	22.04.2019	P.N. DAS COLLEGE
2.	AWARENESS PROGRAM AND CLEANLINESS DRIVE	04.08.2018	LOCALITY AROUND CAMPUS
2019-2020			
1.	AWARENESS PROGRAM ON VECTOR BORNE DISEASES, CLEANLINESS, AND PLASTIC FREE ENVIRONMENT	11.08.2019	LOCALITY AROUND CAMPUS
2.	ENVIRONMENTAL AUDIT IN HIGHER EDUCATIONAL INSTITUTIONS; FRAMEWORK AND IMPLICATIONS.	29.08.2019	P.N. DAS COLLEGE
3.	SPRAY OF DISINFECTANT AROUND BABANPUR AREA	11.10.2019	BABANPUR AREA
4.	TREE PLANTATION IN THE COLLEGE NEIGHBORHOOD	14.01.19	COLLEGE NEIGHBOURHOOD
5.	TREE PLANTATION IN THE LOCALITY ON INDEPENDENCE DAY	15.08.19	LOCALITY, SHANTINAGAR
6.	ARANYA SAPTAHA	19.07.2019	COLLEGE CAMPUS
7.	CLEANLINESS DRIVE	11.09.19-13.09.19	P.N. DAS COLLEGE
8.	SWACHATA PAKHAWADA	16.01.2020-22.01.20	COLLEGE AND NEIGHBORHOOD AREA

9.	DENGUE AWARENESS PROGRAM	29.02.20	COLLEGE AND NEIGHBORHOOD AREA
2020-2021			
1.	CELEBRATION OF EARTH DAY	21.04.21	P.N. DAS COLLEGE
2.	ENVIRONMENT DAY	05.06.21	P.N. DAS COLLEGE
2021-2022			
1.	ARANYA SAPTAHA	19.07.21	COLLEGE CAMPUS
2.	CLEANING AND SPRAYING OF DISINFECTANT	26.01.22	COLLEGE AND ADJACENT BAZAR AREA
3.	AWARENESS PROGRAM AND CLEANLINESS DRIVE	27.04.22	COLLEGE AND NEIGHBORHOOD AREA
4.	CELEBRATION OF WORLD EARTH DAY	22.04.22	P.N. DAS COLLEGE
5.	SIT AND DRAW COMPETITION CUM EXHIBITION	22.04.22-23.04.22	P.N. DAS COLLEGE
6.	WORLD ENVIRONMENT DAY	05.06.2022	P.N. DAS COLLEGE
2022-2023			
1.	CELEBRATION OF WORLD EARTH DAY	24.04.23 POSTPONED DUE TO EID ON 22.04.23	P.N. DAS COLLEGE
7.	ECO-PARK VISIT	11.03.23	ECO-PARK

- A Tour to Herbal Garden: Eco Park, New Town, Kolkata, Date: 11.03.23



- Getting familiar with flora and fauna around us

Date: 06.05.23



- **Placing bird nest friendly boxes and earthen pots on the trees.**



- **Making the Earth more greener by plantation of trees**

Planting trees is an essential step towards making the Earth greener and preserving our planet for future generations. Trees play a vital role in combating climate change by absorbing carbon dioxide and releasing oxygen through the process of photosynthesis. This process helps to mitigate the harmful effects of greenhouse gasses and stabilize the Earth's temperature. Planting trees is an act of hope and stewardship for future generations. By actively participating in tree-planting initiatives and supporting reforestation projects, we can collectively make a significant impact in combating deforestation, preserving natural habitats, and restoring the Earth's ecological balance.

Date: 24.04.22



- **Introduction of bird feeders in the college**

Bird feeders are a simple yet effective way to support and enjoy the beauty of wild birds in our surroundings. By providing them with a reliable food source, we can contribute to their well-being and conservation. We place water pots along with bird feeders in our college premises.



Various Activities of Nature Club from 2017-2018

Cleanliness Drive In College Neighbourhood swachhata Pakhawada	08.08.2017 To 15.08.2017
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Cleanliness Drive in Shishu Bhavan	17.01.2018
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DENGUE AWARENESS



Tree Plantation in the college

18.01.2018



2018-2019

Awareness Programme and Cleanliness Drive for the locality around the Campus	04.08.2018
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2019-2020

Awareness Programme on Vector Borne Diseases, Cleanliness and Plastic Free Environment	11.08.2019
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Spray of Disinfectant at Babanpur

11.10.2019



Handwashing Programme at Shishu Bhavan, Babanpur



Tree plantation in the college neighbourhood

14.01.2019



Tree Plantation Programme in the locality on Independence Day



Aranya Saptaho

19.07.2019



Cleanliness Drive	11.09.2019 - 13.09.2019
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Cleanliness drive in college and neighborhood during Swachhata Pakhwada	16.01.2020 to 22.01.2020
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Dengue Awareness Programme

29.02.2020



Caregiving the Animals



2021-2022

Arannyo Saptaho At College Surroundings	19.07.2021
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Awareness Programme on Cleanliness in College Neighbourhood	27.04.2022
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Cleaning and spraying of disinfectant in college and adjacent bazaar area on Republic

26.01.2022



Future plans of Nature Club

In the near future, the Nature Club of College plans to engage in a variety of activities aimed at promoting environmental awareness and conservation. The club will organize tree planting drives to enhance green spaces on campus and in nearby communities. Additionally, we will conduct educational workshops and seminars on topics like sustainable living, wildlife conservation, and climate change. The club members will also participate in clean-up campaigns to keep the surroundings clean and pollution-free. To foster a deeper connection with nature, the club intends to organize nature walks, nature study camps, and hikes, providing opportunities for students to explore and appreciate the natural beauty around them. Through these activities, the Nature Club aims to inspire a sense of responsibility and care for the environment among our college students.

Amal Kumar Bhakat
(convenor)

Mritika Malakar
(co-ordinator)

23
10/5/2023

Principal
P.N. Das College
Palta, Bengal Enamel, N. 24 Pgs.