



DINABANDHU ANDREWS COLLEGE

NAAC Accredited
(Government Sponsored)
Estd. 1956

Ref. No.

Date

NAME OF THE COLLEGE/ INSTITUTION- Purbasha Eco

Helpline Society

DATE OF MOU – 27/04/2023

PURPOSE OF MOU –

1. Organizing programs such as planting trees, awareness workshops and panel discussions, webinars, seminars and activities related to the environment and sustainability of our eco system.
2. Providing platform to our students to undergo short projects on environment and sustainability under eco helpline society, Sundarban.
3. Help the college to do different activities to make the college and its neighborhood Plastic free zone.
4. Will help to organize excursion in Sundarbans.

COLLABORATIVE ACTIVITIES – Tree plantation programme, Seminar

Mangrove Tree Plantation Programme in sundarban areas

Organised by Purbasha Eco -Helpline Society in Collaboration with Dinabandhu Andrews College

Programme Details: The collaboration between Purbasha Eco-Helpline Society and Dinabandhu Andrews College for mangrove tree plantation programmes in the Sundarbans area is a commendable initiative that brings together environmental organizations and educational institutions to work towards conservation and sustainable development goals.

Objectives of the Tree Plantation Programme:

1. **Increase green cover:** The primary objective of tree plantation programmes is to increase the green cover and improve the overall environmental quality of an area.
2. **Carbon sequestration:** Trees help in absorbing carbon dioxide from the atmosphere, thereby reducing greenhouse gas emissions and mitigating climate change.
3. **Biodiversity conservation:** Tree plantation programmes aim to enhance biodiversity by providing habitat for various plant and animal species.
4. **Soil conservation:** Trees help in preventing soil erosion, improving soil fertility, and maintaining soil moisture levels.
5. **Water conservation:** Trees play a crucial role in water conservation by reducing surface runoff, increasing groundwater recharge, and maintaining water quality.
6. **Beautification and aesthetics:** Tree plantation programmes contribute to the beautification of landscapes, enhancing the aesthetic appeal of urban and rural areas.
7. **Economic benefits:** Trees provide various economic benefits such as timber, fruits, nuts, and other forest products, which can support local livelihoods and economies.
8. **Climate resilience:** Trees help in enhancing the resilience of ecosystems and communities to climate change impacts such as extreme weather events and natural disasters.

Outcomes of the Tree Plantation Programme:

1. **Coastal protection:** Mangrove tree plantation programmes help to protect coastlines from erosion, storm surges, and tsunamis by acting as natural barriers that absorb wave energy and reduce the impact of extreme weather events.
2. **Biodiversity conservation:** Mangrove forests are highly biodiverse ecosystems that provide habitats for a wide range of plant and animal species, including fish, crabs, birds, and reptiles. Mangrove tree plantation programmes help to conserve and restore these vital habitats.
3. **Carbon sequestration:** Mangrove trees are highly efficient at sequestering carbon dioxide from the atmosphere and storing it in their biomass and sediment. Mangrove tree plantation programmes contribute to climate change mitigation by capturing and storing carbon in coastal ecosystems.
4. **Fishery support:** Mangrove forests serve as nurseries and breeding grounds for many commercially important fish and shellfish species. Mangrove tree plantation programmes help to support local fisheries by providing essential habitat for fish populations.
5. **Livelihood support:** Mangrove tree plantation programmes can create sustainable livelihood opportunities for local communities through activities such as eco-tourism, sustainable aquaculture, and non-timber forest product harvesting.
6. **Water quality improvement:** Mangrove trees filter and purify water by trapping sediments, nutrients, and pollutants, thereby improving water quality in coastal areas and protecting marine ecosystems from contamination.



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EVENT REPORT

Event Title: International Day for the Conservation of the Mangrove Ecosystems

Date: 26th July, 2022

Venue: Sundarban Areas, West Bengal

Objective: The Objectives of the International Day for the Conservation of the Mangrove Ecosystems in Sundarban areas are:

1. Preservation of Biodiversity of Sundarban areas.
2. Mitigation of Climate Change
3. Community Engagement
4. Education and Awareness of the students
5. To promote sustainable Practices
6. Advocating for the protection of wildlife and natural habitats.

Outcome: The Outcomes of the International Day for the Conservation of the Mangrove Ecosystems are Increased awareness and knowledge of the students, Adoption of Sustainable Practices, Improved conservation efforts for wildlife and natural habitats, Positive impact on the Environment of Sundarban areas, Increased Engagement and Participation in environmental conservation activities and Climate Resilience.

Collaborating Organization: Purbasha Eco-Help Line Society



INTERNATIONAL DAY FOR THE CONSERVATION OF THE MANGROVE ECOSYSTEMS

**JOINTLY ORGANIZED
BY**

**DINABANDHU ANDREWS COLLEGE
&
PURBASHA ECO-HELP LINE SOCIETY
ON**

26TH JULY 2022



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PHOTOGRAPHS OF THE EVENT





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DINABANDHU ANDREWS COLLEGE

GARIA, KOLKATA

EVENT TITLE: International Day for the Conservation of the Mangrove Ecosystem
DATE: 26th July, 2022 VENUE: Sundarban, West Bengal TIME: 12:00 pm

STUDENTS ATTENDANCE SHEET

SL NO.	NAME/ SIGNATURE OF THE STUDENTS	SL NO.	NAME/ SIGNATURE OF THE STUDENTS
1.	Akash Ghosh.	16.	Rahul Sen
2.	Susobhan Sen.	17.	Md. Taslim Raza
3.	Arghya Chakraborty	18.	Rakib Hussain
4.	SOUVIK SinghaRoy	19.	Gulfaan Ali
5.	Kuntal Ghosh	20.	Suman Roy
6.	Soumyajit Pal	21.	Abhrajit Ghosh
7.	Nilesh Ghosh	22.	Sayan Naskar
8.	RUPAM Das	23.	Sahil Ahmed
9.	Pratham Saha.	24.	Malay Pal
10.	Raib Roy	25.	Sankhadip Ghosh
11.	Abhinav Roy	26.	Sahil Khan
12.	Anurag Borjensen.	27.	
13.	Sayan Malik		
14.	Indranil Pal.		
15.	Deep Koley.		