



## ENVIRONMENT AUDIT CERTIFICATE

Environment Audit for the year 2021-22 has been conducted for Dhrubachand Halder College, Dakshin Barasat, West Bengal 743372 in accordance with International Standards for the Professional Practice of Internal Auditing and Environmental Protection Act 1986 (and its amendments) of Government of India, and other relevant mandates for maintenance of sustainable and healthy environment for education in the campus.

In our opinion, the Institution has presented true and up-to-date data on the various aspects of working of this education institution before the audit team, and appropriate audit procedures have been completed by the audit team for issuing this Audit Certificate and Statement of Assurance. The recommendations are based on verified data presented before the team as they existed at the time of audit.

The methodology used included physical inspection, review of the relevant documentation, and interviews. Reliance was placed on the third-party data provided by the institution.

### Statement of Assurance

This audit has been conducted in accordance with the International Standards for the Professional Practice of Internal Auditing.

In our professional judgement, sufficient and appropriate audit procedures were completed and evidence gathered to support the accuracy of the conclusions reached and contained in this report. The conclusions are based on a comparison of the situations as they existed at the time of the audit with the established Criteria.

*Suman Nandy*



Suman Nandy, CISA, CISSP, ITIL (Foundation)

*[Signature]*

PRINCIPAL  
Dhruba Chand Halder College  
P. O. - D. Barasat, P.S. - Jaynagar  
South 24 Parganas, Pin- 743372



## Green Audit Certificate



The External Quality Assurance Cell has conducted Green Audit of Dhrubachand Halder College, Dakshin Barasat, West Bengal 743372 for the Academic Year 2021-22.

The purpose of the audit was to ensure that the practices followed in the campus are in accordance with the Academic policies adopted by the institution. With this in mind, the specific objectives of the audit were to evaluate the adequacy of the management control framework the Departments to ensure that they are in compliance with the applicable regulations, policies and standards.

During the initial planning of the audit, an analysis was conducted in order to identify, evaluate and prioritize the quality parameters in line with the global accreditation standards. The analysis was based upon an examination of the policies, manuals and standards that govern the green/environment quality and sustainability, on data analysis, and on the results of preliminary interviews with personnel considered key in the environmental management in the campus. The criteria and methods used in the audit were based on the identified risks.

The methodology used included physical inspection, review of the relevant documentation, and interviews. Reliance was placed on the third-party data provided by the institution.

### Statement of Assurance

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South 24 Parganas, Pin- 743372



# DHRUBA CHAND HALDER COLLEGE

( FORMERLY DAKSHIN BARASAT COLLEGE )

ESTD.-1965

A NAAC Accredited Degree College Affiliated to University of Calcutta

P. O. Dakshin Barasat • Dist. South 24-Parganas • West Bengal • Pin 743372

E-mail : dchcollege@yahoo.com, Website : www.dchcollege.org

Phone : (03218)-222550 (Prin.) / 223-668 (Off.)

Ref. No. ....

Date 1/2/2022

## Notice

All students of Botany Honours (SEM -6) are hereby notified to collect regular data on estimation of biodegradable and non biodegradable waste generated from household system and to keep all the related information as discussed.

Rupa Acharya

1.2.2022  
DR. RUPA ACHARYA  
Head of the Department  
Department of Botany  
Dhruba Chand Halder College

  
Principal  
Dhruba Chand Halder College  
P.O.-D. Barasat, S. 24 Parganas  
Dist-24 Pgs. (S) Pin-743372

## Report on

### *Estimation of domestic biodegradable and non-biodegradable waste and its effect on land fills*

The quality and quantity of waste generated from household depends on food habit, standard of living, degree of commercial activities, season etc. quality of solid waste can be expressed in unit of weight generated by a given person/day in a given location. These wastes generally deposited in pits, fields, compost pit or landfills. Proper solid waste management is very important from the point of environmental safety. This kind of management follows a basic rule like waste segregation at the source point in the category of biodegradable waste, dry waste, domestic hazardous waste etc.


A survey was done on 13 middle class families at Dakshin Barasat during February to April, 2022 on generation of biodegradable and non biodegradable (mainly Plastic) wastes generated per day. It was found that 339.6 gm of biodegradable and 4.7 gm of non-biodegradable waste was generated /day / person.

11 families i.e 84% of the total dispose these biodegradable wastes in the nearby pond and open land. Rest of the families disposes it in the garden or in the compost pit. All of them are of opinion that there is no fixed place or method of disposal of plastic wastes and generally thrown in the land. It has been reported that plastic materials take more or less 1000 years to decompose and leach toxic substances in the soil or water. It decomposes the physical, chemical and biological structure of the soil which ultimately poses negative impact on biological components of the soil.

Thus proper waste management measures should be taken through generating awareness in the common people is still obligatory.

Rupa Acharya.  
25/4/2022.

Dr. RUPA ACHARYA  
Head of The Department  
Department of Botany  
DHRUBA CHAND HALDER COLLEGE  
Dakshin Barasat (W.B.)

  
Dhruba Chand Halder College  
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Date .....20

Date-13-07-2021

## NOTICE

This is to notify that Department of Botany will observe 'Aranya Saptaha' on 16-07-2021 in the College Campus by Planting Trees. All interested candidates are requested to join the program at 12 noon.

Thanking you,

*Rupa Acharya*

Dr. RUPA ACHARYA

Head of The Department

Department of Botany

DHRUBA CHAND HALDER COLLEGE

Dakshin Barasat (W.B.)

HOD

Dept. of Botany

*[Signature]*

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Dhruba Chand Halder College

P.O.-D. Barasat, P.S.-Jajnagar

Dist-24 Pgs. (S) Pin-743372

## Program celebration of Aranya Saptaho (Van Mahatsav):

**Date of the event:** 16-07-2021

**Venue:** Dhruba Chand Halder College premises

**Aim of the event:** Due to catastrophic effect of different Cyclones like Bulbul and Amphan, 48 trees (Plants are more than 60 years old) were uprooted and a great ecological loss occurred. To overcome the situation, tree plantation programme was undertaken. The aim of the program is to conserve the natural resources and the natural environment to create Eco friendly environment and create awareness of biodiversity conservation and local environmental issues among students.

**About the event:** Aranya Saptaho (Van Mahotsav) was celebrated (14<sup>th</sup> to 21<sup>st</sup> July, 2021) in West Bengal by planting of saplings to encourage the citizens to plant more trees. In our college we planted total 100 sapling of Amlaki (*Embellica officinalis*), Aam (*Mangifera indica*), Jarul (*Lagerstromia speciosa*), Arjuna (*Terminalia arjuna*) and Mehagoni (*Swietenia macrophylla*) on 16<sup>th</sup> July, 2022. The Plant saplings were collected from Baruipur Forest Office, South 24 Parganas. Two guests viz. Mr Subrata Purkait and Mr Pradip Gayen, Banasahayak, from Baruipur Forest Range (South Division) visited to our college to promote and encourage our students.

**No of Students present:** 50

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Dhruba Chand Halder College

  
Principal  
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Dist-24 Pgs. (S) Pin-743372

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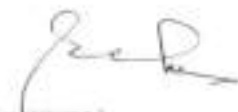
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HOD

Dept. of Botany

*[Signature]*

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## Program celebration of Aranya Saptaho (Van Mahatsav):

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**Aim of the event:** Due to catastrophic effect of different Cyclones like Bulbul and Amphan, 48 trees (Plants are more than 60 years old) were uprooted and a great ecological loss occurred. To overcome the situation, tree plantation programme was undertaken. The aim of the program is to conserve the natural resources and the natural environment to create Eco friendly environment and create awareness of biodiversity conservation and local environmental issues among students.

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**No of Students present:** 50

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*Jash*  
 PRINCIPAL  
 Dhruva Chand Halder College  
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 South 24 Parganas, Pin- 743378



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Ref. No. DCHC/NSS/21-22/05

Date 15-03-2022

## NOTICE

Special Camp of NSS Units-I and Unit-II of our College will be organized during 23.03.2022 to 27.03.2022 at Dhruba Chand Halder College. This camp proposes to organize the following events at Dhruba Chand Halder College.

- Cleanliness Drive
- College Ground Levelling
- Removal of Banners from trees.
- Drain Maintenance
- Gardening and Plantation Drive
- Visiting Nurullapur Primary School and Beledanga Primary School
- Cultural Activities


Date: 15.03.2022

  
Signature of the NSS Co-ordinators

Co-ordinator

NSS - Unit

Dhruba Chand Halder College  
Dakshin Barasat, South 24 Pgs

  
PRINCIPAL  
Dhruba Chand Halder College  
P.O.- D. Barasat, P.S.- Jaynagar  
South 24 Parganas, Pin- 743372



### **Title of the Programme-Special NSS Camp**

Type of Programme- Extension Activity

Programme organiser- NSS Unit I and Unit II, Dhruba Chand Halder College

Programme co-ordinator- Prof Ranjit Mishra and Prof Biswajit Majhi

Programme Inauguration- Dr Satyabrata Sahoo, Principal, Dhruba Chand Halder College

Date and Venue of the Programme: 23.03.2022 to 27.03.2022, Dhruba Chand Halder College


Objective of the Programme-Cleanliness programmes, watering of plants, and maintenance of the college ground and maintenance of the drains of the college are some of the activities regularly held in this camp.


Total Number of Participants- 115

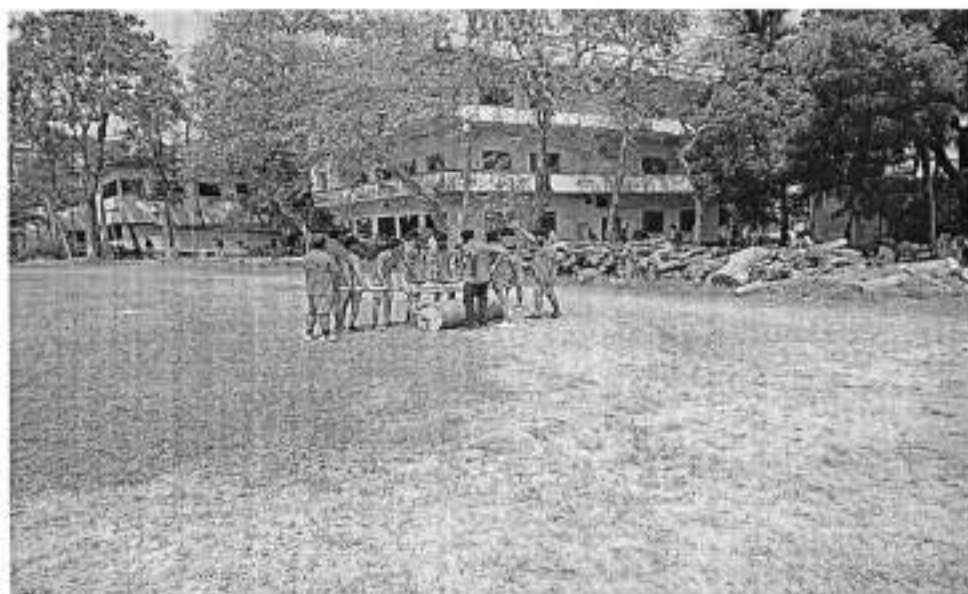
(Teachers: 5, Students: 110)

Programme Details-. Cleanliness programmes, watering of plants, maintenance of the college ground and maintenance of the drains of the college are some of the activities regularly held in this camp. Student volunteers actively participate in this programme.

Outcome of the Programme- The participants eagerly participated in the initiative and made this programme a successful one.

  
PRINCIPAL  
Dhruba Chand Halder College  
P.O.- D. Barasat, P.S.-Dakshin Barasat  
South 24 Parganas, Pin- 744377

  
Co-ordinator  
NSS - Unit  
Dhruba Chand Halder College  
Dakshin Barasat, South 24 Pgs.



*[Handwritten signature]*

PRINCIPAL  
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Co-ordinator  
NSS - Unit  
Dhruba Chand Halder College  
Dakshin Barasat, South 24 Pgs.



*[Signature]*  
**PRINCIPAL**

**Dhruba Chand Halder College**  
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*[Signature]*  
**R.M.S.**

**Co-ordinator**  
**N S S - Unit**  
**Dhruba Chand Halder College**  
 Dekhin Barasat, South 24 Pm





*[Signature]*  
 PRINCIPAL  
 Dhruva Chand Halder College  
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 South 24 Parganas, Pin- 743372

*[Signature]*  
 Co-ordinator  
 NSS - Unit  
 Dhruva Chand Halder College  
 Dakshin Barasat, South 24 Pgs.