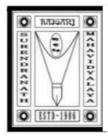


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Criterion7: Institutional Values and Best Practices

Documents: 7.1.2: Policy Document





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## POLICY DOCUMENT ON THE GREEN CAMPUS/PLASTIC FREE CAMPUS

#### Introduction:

Raiganj Surendranath Mahavidyalaya is dedicated to promoting environmental sustainability and responsible energy usage across all aspects of its operations. This policy outlines our commitment to reducing our environmental footprint, conserving natural resources, and fostering a culture of sustainability within our campus.

#### **Policy Statement:**

- Environmental Responsibility: At Raiganj Surendranath Mahavidyalaya, we acknowledge our environmental responsibilities and are dedicated to safeguarding and conserving the environment. Our commitment extends to minimizing any negative impact our operations and activities may have on the environment.
- Energy Efficiency: We are committed to enhancing energy efficiency throughout our college campus. We will achieve this by adopting energy-saving technologies and practices, including LED lamps, and energy-efficient electrical appliances. Regular energy audits will help us to identify further opportunities to reduce energy consumption.
- **Renewable Energy**: The opportunities to increase the use of renewable energy sources on campus will be explored, such as installation of solar panels to reduce our reliance on fossil fuels.
- Waste Management: The college will implement waste management to encourage responsible disposal of waste materials and recycle wherever possible. We always encourage to use paper or glass- made cups, glasses and bottles instead of those made up of plastic. Educate students, faculty and staff members to dispose waste materials in designated bins.
- Water Conservation: We will actively promote water conservation by raising awareness, displaying slogans, providing advice, and implementing initiatives such as rainwater harvesting to irrigate our garden trees.
- Education and Awareness: We are dedicated to educating and creating awareness among our students, faculty, and staff about environmental issues, sustainability, and responsible energy usage. Through seminars, events, and various initiatives, we aim to foster a clean and green campus.

Thandan & Principal arendranath Mahavidyalaya Raiganj, U/D



• **Maintenance of Green lush**: At Raiganj Surendranath Mahavidyalaya, we are committed to nurturing and preserving the lush, natural ambiance of our campus. We will preserve the older trees and plant new saplings to reduce carbon emission, and promote this green initiative to maintain healthy breathable air in the campus. Maintaining such an environment contributes not only to aesthetics but also to the overall well-being of everyone within the college community.

## **Compliance:**

We will comply with all relevant environmental laws, regulations, and standards. The college will also work towards obtaining environmental certificates and awards.

## **Roles and Responsibilities:**

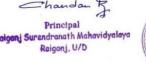
- **College Administration:** The college administration will provide the necessary resources and support for implementation of this policy.
- **Committee**: Nature club and a dedicated committee will be formed comprising of the internal and external members of the college to oversee the college cleanliness/greenery and energy-efficient initiatives, set goals, and monitor the progress.
- **Faculty and staff**: Faculties and staff members are expected to support and participate in sustainability efforts and energy-saving measures.
- **Students**: Students are encouraged to engage in sustainable activities and provide input on environmental activities.

## Monitoring and Revision:

Progress towards the goals outlined in this policy will be monitored at regular interval and will be audited to identify further opportunities for improvement.

## **Conclusion:**

At Raiganj Surendranath Mahavidyalaya, we embrace our role as stewards of the environment. Our commitment extends to promoting sustainable practices across all aspects of our operations. Through the collective efforts of our college community, we strive to minimize our environmental impact and actively contribute to a more sustainable future.







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# POLICY DOCUMENT ON MANAGEMENT OF THE VARIOUS TYPES OF DEGRADABLE AND NONDEGRADABLE WASTE

#### INTRODUCTION

Raiganj Surendranath Mahavidyalaya has taken proactive initiatives towards managing different types of wastes, including degradable, non-degradable, and chemical/BioLab waste.

## POLICY STATEMENT

## 1. Categorization of Waste:

The college has implemented a waste categorization system to distinguish between degradable and non-degradable waste, as well as hazardous or chemical waste. This sorting allows for appropriate handling and disposal methods tailored to each type of waste material.

#### 2. Responsibilities and Procedures:

The college has defined procedures for the collection, segregation, transportation, and disposal of waste. Degradable waste might be earmarked for composting or bioconversion, while non-degradable and chemical waste undergo specialized treatment or recycling processes to ensure responsible disposal without environmental harm.

## 3. Awareness and Education:

Additionally, Raiganj Surendranath Mahavidyalaya conducts awareness campaigns and educational programs within the college community to promote waste segregation at the source. This effort aims to sensitize students, faculty, and staff about the importance of responsible waste disposal and the implications of improper waste management on the environment.

## 4. Community Impact:

Through this initiative, the college contributes positively to the community by demonstrating a commitment to environmental sustainability. Proper waste management not only maintains a clean and healthy campus environment but also sets an example for responsible waste disposal practices in the broader community.

Raiganj Surendranath Mahavidyalaya's initiatives in this regard, showcases its dedication to implementing systematic and eco-friendly waste management practices, thereby contributing to a cleaner and greener environment.

#### **Compliance:**

We will comply with all relevant environmental laws, regulations, and standards. The college will also work towards obtaining environmental certificates and awards.

#### **Roles and Responsibilities:**

• **College Administration:** The college administration will provide the necessary resources and support for implementation of this policy.

Principal Principal Raiganj Surendranath Mahavidyalaya Raiganj, U/D



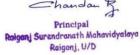
- **Committee**: Nature club and a dedicated committee will be formed comprising of the internal and external members of the college to oversee the college cleanliness and waste disposal initiatives, set goals, and monitor the progress.
- **Faculty and staff**: Faculties and staff members are expected to support and participate in sustainability efforts and energy-saving measures.
- **Students**: Students are encouraged to engage in proper waste disposal activities and provide input on managerial activities.

## **Monitoring and Revision:**

Progress towards the goals outlined in this policy will be monitored at regular interval and will be audited to identify further opportunities for improvement.

#### **Conclusion:**

At Raiganj Surendranath Mahavidyalaya, we embrace our role as stewards of the environment. Our commitment extends to promoting sustainable practices across all aspects of our operations. Through the collective efforts of our college community, we strive to minimize our environmental impact and actively contribute to a more sustainable future.







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Criterion7: Institutional Values and Best Practices

Documents: 7.1. 2: Photographs







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1. SAMPLE PHOTOGRAPHS OF ALTERNATIVE ENERGY SOURCES & ENERGY CONSERVATION



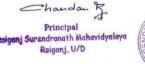
A., B. Solar panels are being installed under RUSA 2.0 scheme



C. Solar panel (top view from rooftop)



D. Wheeling to the grid







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E. LED tube light



F. CFL Bulb



G. Energy-efficient A.C.

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#### 2. MANAGEMENT OF DEGRADABLE AND NON-DEGRADABLE WASTE:



- A. Blue bin for biodegradable solid wastes B. Green bin for biodegradable garden and kitchen waste
- C. Waste bin for discarding solid non--biodegradable items



D. Drainage for liquid disposal

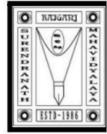


E. Drainage from wash basin



F. Autoclave





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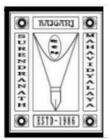
G. Store room for e-waste and papers



H. Space for chemical waste dumping

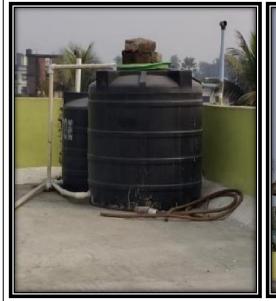
I. Recycling of biodegradable wastes





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## 3. INITIATIVES FOR WATER MANAGEMENT & CONSERVATION:







A. Water tanks on roof

B. Water tanks on the garret

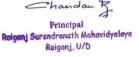
C. Water body



D. Water tanks on roof-top



E., F. Save water campaign







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J. Tanks for rain-water harvesting system (storage)

K. Water ATM



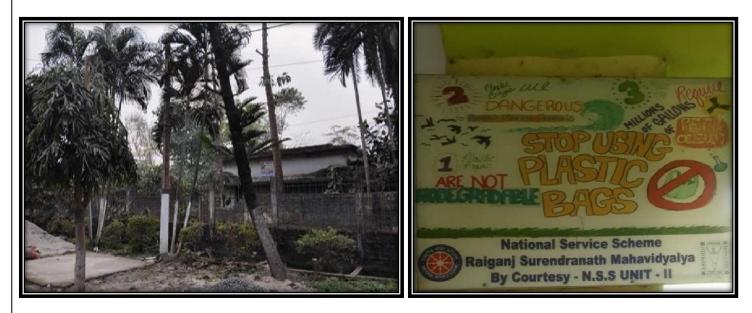


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## 4. GREEN CAMPUS INITIATIVES:

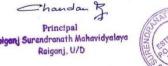


- A. Sapling plantation on World Environment Day
- B. Campaign for green & clean campus



C. Greenery at the front side of the premise

D. Campaign for ban of single use plastic







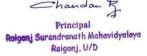
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E. Green lush within the campus



F., G. Cleanliness drive within the campus







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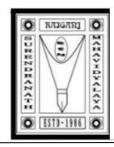
H. Sapling plantation drive



I. Painting competition on innovative ideas to tackle plastic pollution

Principal Principal Roiganj Surendranath Mahavidyala Raiganj, U/D





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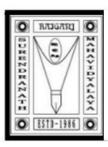
J. Seminars on solutions to plastic pollution

K. Model to demonstrate how long does it take to degrade?



L. Glimpse of the seminars session on solutions to plastic pollution





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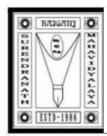


M., N. Tree plantation drive at the backyard of the College









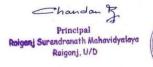
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O., P. Students preparing planters and Lab décor out of waste plastic bottles and cupboard



Q., R. Students' effort for decorating classrooms of Department of Zoology with indoor plants







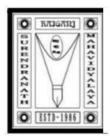
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A sensitization Programme to ban single use plastic within campus







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S., T. Artificial nests for pigeons



U. Bicycle stand at the front gate

V. Grass-cutting machine







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5. Initiatives for Inclusion of Persons with Disability on Campus:



A., B. Barrier-free environment: ramp within the College building





C., D. Toilet for persons with locomotor disability



E. Wheelchair for persons with locomotor impairment

Raiganj Surendranath Mahavidyalay Raiganj, U/D

3



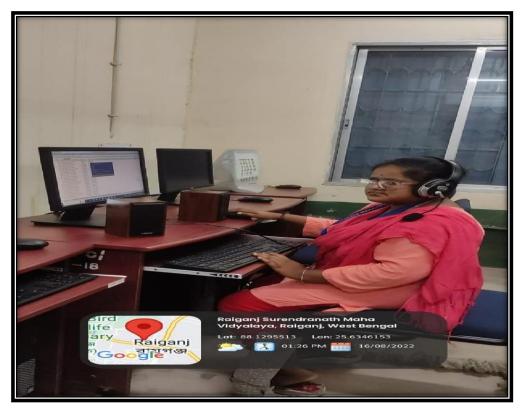
# DEREZORAZA

## Raiganj Surendranath Mahavidyalaya

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D., E. Braille book for blind student



F. A visually-impaired student is learning her lesson using headphone





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Criterion7: Institutional Values and Best Practices

Documents: 7.1.2: Circulars and reports







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## Dated: 27 5/23 Ref. No.: 400- RSM-2023 Notice: Plastic-Free Campus Initiative Dear Students, Faculty, and Staff. As part of our commitment to environmental sustainability, I am pleased to announce the implementation of our "Plastic Free Campus" initiative. Plastic pollution poses a significant threat us our planet, and it is our collective responsibility to take action. Here are the key andelmes. 1. Prohibition of Single-Use Plastics: We strictly prohibit the use of single-use plastics on campus. This includes plastic bags, bottles; and cups. Let's embrace eco-friendly alternatives such as biodegradable or reusable materials. 2. Awareness and Sensitization: We will organize awareness drives and workshops to educate everyone about the harmful impacts of single-use plastics. Each student is encouraged to avoid bringing non-biodegradable plastic trems onto the campus. 3. Nature Club: Our College's Nature Club will lead campaigns, workshops, and events to promote sustainable practices. Let's work together to minimize our reliance on single-use plastic. 4. Water Units: We will provide water units to reduce the carriage of plastic water bottles. 5. Safe Disposal and Segregation: Our housekeeping staff will segregate nonbiodegradable plastics for proper disposal through Municipality. Let's refrain from throwing litters here and there, instead dispose them to designated colored bins. Let's maintain a clean campus during events and gatherings. Remember, small changes can make a big difference. By eliminating single-use plastics, we contribute to a cleaner, greener future. Thank you for your cooperation! Best Wishes! Dr. Chandan Roy Principal, RSM Principal nj Screndronoth Michavidyelaya Roiganj, UVD

Chandan J Principal Raiganj Surendranath Mahavidyalaya Raiganj, U/D





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Ref. No.: 421 - REM - 2023

Dated: 31 5 23

#### Implementation of Clean and Green Initiative

Dear Community Members.

We are excited to announce the launch of our Clean and Green initiative, aimed at promoting sustainable practices and environmental stewardship within our community. This initiative focuses on the following key tracks:

- Cleanliness (Waste Management) Drive: We will prioritize sanitation and hygiene promotion to ensure a healthy and safe environment for all residents. Regular waste management, proper sanitation facilities, and awareness campaigns will be key components.
- Energy Efficient actions: We are committed to enhancing energy efficiency throughout our college campus. We will achieve this by adopting energy-saving technologies and practices, including LED lamps, and energy-efficient electrical appliances. Regular energy audits will help us to identify further opportunities to reduce energy consumption.
- Water Conservation: We will actively promote water conservation by raising awareness, displaying slogans, providing advice, and implementing initiatives such as rainwater harvesting, or digging small water-body inside the campus to irrigate our garden trees.
- 4. Green (Resource Management) Drive: In parallel, we will emphasize efficient local resource management. This includes waste reuse, recycling, and sustainable practices that minimize our ecological footprint. By adopting green practices, we can contribute to a cleaner, more sustainable future.

We encourage everyone to actively participate in this initiative Let's work together to create a community that is both clean and environmentally responsible.

Thank you for your support!

Best Wishes

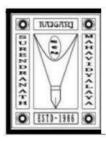
Dr. Chandan Roy

Principal, RSM Principal Raiganj Surendranoth Mahavidyalaya Raiganj, U/D



Principal Principal Raiganj Surendranath Mahavidyalaya Raiganj, U/D





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# REPORTS OF ACTIVITIES FOR THE IMPLEMENTATION OF THE INITIATIVE DOCUMENTS

Alternate energy source & Energy conservation: Several initiatives have been undertaken to utilize solar energy on our campus. Since 2022, our college has been actively and steadily generating solar energy. Currently, we have a total of 15 solar panels with a capacity of 5 KW, installed on the roof and connected to the grid using RUSA funds. We have applied twice in the last 3-4 years to the West Bengal State Electricity Distribution Company Limited (WBSEDCL), Raiganj, for a separate meter for the solar system, but the process is still ongoing. The installation of these panels has significantly reduced the electricity load on campus.

LED bulbs and tube lights have been installed to the most of the office rooms, classrooms and some of the laboratories of the college. High energy-efficient equipments (four-star & five-star rated equipment such as refrigerators, ceiling fans, etc.) are purchased by the institute.

**Management of the various types of degradable and non-degradable waste:** Raiganj Surendranath Mahavidyalaya is actively promoting sustainability and environment-friendly practices through its green protocol. The two NSS units of the college play a crucial role in this effort by organizing various awareness programs throughout the year.

<u>Solid waste management</u>: To dump bio-degradable wastes, e.g., leftover foods, vegetable/fruit peels, tea bags/leaves, and fallen leaves/twigs, green bins have been installed. Besides, blue bins are used to dispose of plastic covers, cups, chocolate wrappers, and paper waste including magazines, newspapers, tetra packs, and paper plates.

Liquid Waste management: Direct liquid waste generated in toilets, wash areas, and canteen is channeled to the appropriate drainage system.

Chandan J. Principal toigonj Surendronath Mahavidyalaya Raiganj, U/D





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<u>Hazardous Lab Waste</u>: Used-up and expired lab reagent bottles (glass or plastic made) are deposited at the corner of the laboratories for periodic disposal. Used needles, glass slides, cover glasses, cotton plugs, etc. are collected in biohazard bins which are being separately disposed of. Biological samples are autoclaved before being discarded. Nature club and NSS unit take initiatives in achieving separate disposal management for chemical and medical wastes.

<u>e- Waste Management</u>: Spare parts of computers, printers, photocopiers, and other condemned electronic items are usually kept in a store room and are disposed of once in a while through Hulladek recycling. We prefer to either repair the non-functional items or go for the buyback option to reduce condemned items.

## Initiatives for water conservation:

There is a small water-body aka 'Padmapukur' at the backyard of the college premise. Besides, we have rain water harvesting system to water the garden plants. The college has also proper facilities of bore-well submersible for proving clean water in the college campus. There are two submersible pumps for supplying fresh and clean drinking water and also for other activities. TheNSS units of our college run several campaigning to stir awareness towards conservation of water resources. 'Save water' stickers have been mounted on the wall behind the auqa guardsand wash basins.

## Green Campus initiatives:

The Raiganj Surendranath Mahavidyalaya has been taking the initiative to develop a Green Campus. With the initiative of the Nature Club, awareness programs are conducted on environmental issues. The club also examined the effects of the green initiative campaign on campus. Besides that, several initiatives such as tree plantation and maintenance of lawn grounds have been taken keeping given environmental consciousness and sustainability in the institute. We suggest the employees of the college whose residence is close to the college campus walk to college and students nearby area are suggested to use either cycle or public transport to attend college. The institute took the following green campus initiatives for greening the campus are as follows: -

• The College has organized a Tree Plantation Drive in which students have taken part in the college premises.

- Use of Bicycles is encouraged.
- single-use Plastics are banned inside the College premise.



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## Initiatives for Inclusion of Persons with Disability on Campus:

Our college has barrier free environment, e.g., ramps for easy accessibility to specially-able candidates. The College supports-

- Railing in the stair cases for easy in ascending and descending.
- Accessible and disabled friendly washroom for physically challenged students and staff.
- Audio-visual classes for specially-able candidates.
- Reading resources in Braille.
- Wheelchair
- Human assistance is provided in the college. Dedicated non-teaching staffs help the disabled students in their movement across classes.

=handan & Principal







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RAIGANJ, UTI	AR DINAJPUR,		
Di nosensa Di Pin -733134		NOTICE	
to-orea 0	TEL-03523-253055,251231 E-mail: mda_sunam@yahoo.co.in	933 RSM 2022 Date- 21-12-2022	
Notice For : "#	ন স্টিক এবং অন্যান্য কঠিন বৰ্জ্য ব্যবস্থাপনা	' সম্পর্কিত সেমিলার এবং সামাজিক- সমীক্ষা	
Subject : সেমিলাঃ	য এবং সামাজিক- সমীক্ষা, লেচার ক্লাব, ন	রারগঞ্জ সুরেন্দ্রলাখ মহাবিদ্যালর	
Department: All			
কঠিন বৰ্জা বাবন্ধা	গনা" সম্পর্কিত একটি সেমিনার এবং স	00 টায় মিলনায়ন্তন কক্ষে, "প্লাপ্টিক এবং অন ামাজিক– সমীক্ষা অনুষ্ঠিত হবে।সেমিনারটি নেচার ক্লাব, রায়গন্ধ সুরেন্দ্রনাথ মহাবিদ্যা	
কঠিন বর্জা বাবশা জলপাইশুড়ি সরকা দ্বানা শৌষস্তাবে আ অন্যুরোখ করা হম্বে	গনা সম্পর্কিত একটি সেমিনার এবং স রি ইঞ্জিনিয়ারিং কলেজ, জলপাইগুড়ি এবং যোজিত।সকল শিক্ষক, অশিক্ষক কর্মচারী হা	ামাজিক– সমীক্ষা অনুষ্ঠিত হবে।সেমিনারটি	
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Chandan Z Principal toiganj Surendranath Mahavidyalaya Raiganj, U/D





Sudarshanpur, Raiganj, Uttar Dinajpur (Affiliated to University of Gour Banga) Recognized by UGC U/S 2(f) & 12(B) NAAC accredited College with "B<sup>+</sup>" Grade

## Seminar cum social survey on Plastic ban and solid waste management [22 December 2022]

Organized by: Nature Club of Raiganj Surendranath Mahavidyalaya

Venue: Milanayatan

Participants: ~74 Students and ~18 teaching staffs

**Introduction:** On 22nd Dec 2022, the Nature club of Raiganj Surendranath Mahavidyalaya organized a seminar and social survey on ban of single use plastic and solid waste management. The program was jointly organized by Jadavpur University and Jalpaiguri Government Engineering College.

**Purpose:** The primary objective of the seminar cum survey was to promote clean and sustainable environment and create awareness about waste management in maintaining ecological balance. By actively involving students in social survey and seminar, the organizers aimed to instill a sense of responsibility towards the environment.

**Programme Details:** The programme commenced at 12:30 PM and continued until 2:30 PM. The following activities were conducted:

- 1. Welcome Address: The programme was kicked off with a welcome address delivered by the Convenor of Nature Club, highlighting the importance of banning of single use plastic and the role of students in plastic ban in the campus and surroundings.
- 2. Inaugural speech: Dr Subrata Ghosh, TIC of the college delivered a brief speech on waste management system of the college and why should biodegradable wastes be separated out from the nondegradable ones.
- 3. Seminar on plastic ban and waste management: A brief demonstration on plastic pollution and biodiversity loss, alternatives to plastic goods, waste management and its importance in college campus was discussed by Mr. Pinku Das, Project Assistant from Jalpaiguri Government Engineering College.
- 4. Interactive Session and social survey: An interactive session was conducted. Aftermath, the resource person handed over questionnaires to the participants and surveyed awareness regarding plastic pollution, ban of single use plastic and waste management system.



5. Conclusion and Feedback: The programme concluded with a vote of thanks extended to all participants for their active involvement. Feedback was collected from the students to assess their experience and gather suggestions for future cleanliness drives.

**Outcome:** The programme witnessed enthusiastic participation from many students who learnt about impact of plastic pollution particularly on biodiversity. The initiative not only facilitated the banning of single use plastic within campus but also inspired students to adopt eco-friendly practices and take collective action for environmental sustainability through proper waste management.

**Conclusion:** The programme organized by Nature Club of Raiganj Surendranath Mahavidyalaya served as a commendable effort towards promoting environmental stewardship among students. It not only instill students to develop plastic free campus but also develop a sense of ecological responsibility among the participants, emphasizing the importance of sustainable living.

Acknowledgment: We extend our sincere gratitude to all the participants, faculty members, and volunteers who contributed to the success of the programme.



A sensitization Programme to ban single use plastic within campus

Principal urendranath Mahavidyala Raigani, U/D

Attendance Sheet



Chandan & Principal Roiganj Surendranath Mahavidyalaya Raiganj, U/D

Chandan Z Principal Roigenj Surendranath Mahavidyalaya Raiganj, U/D





Sudarshanpur, Raiganj, Uttar Dinajpur (Affiliated to University of Gour Banga) Recognized by UGC U/S 2(f) & 12(B) NAAC accredited College with "B<sup>+</sup>" Grade

## **Celebration of World Environment Day** [5<sup>th</sup> June 2021]

**Organized by:** Department of Zoology, Botany and Geography, in Collaboration with Nature Club of Raiganj Surendranath Mahavidyalaya

**Venue:** From Home (online mode)

Participants: All students and staffs

**Introduction:** On 5<sup>th</sup> June 2021, the Department of Zoology, Botany and Geography, in Collaboration with Nature Club of Raiganj Surendranath Mahavidyalaya organized a one-day webinar on Scope and Challenges in reviving and sustenance of Biodiversity in present day context. It was organized to pay homage to the departed soul of Dr. Prithwiraj Jha.

**Purpose:** The primary objective of the webinar was to identify the challenges and scopes in reviving biodiversity and conservation of Wildlife.

**Programme Details:** The programme commenced at 2:00 PM and continued until 6:30 PM. The following activities were conducted:

- 1. The Registration link was open upto 2 PM. Participants from different Departments of the College and the teaching, non-teaching staffs joined the webinar by registering themselves.
- 2. Dr Shankar Roy, IQAC Co-ordinator of RSM delivered a brief speech on Biodiversity conserbvation as a welcome speech.



Principal Roiganj Surendranath Mahavidyalay Raiganj, U/D

- 3. Dr Sujit Ghosh, TIC, RSM then delivered inaugural a brief speech on importance of biodiversity conservation.
- 4. The first plenary lecture was delivered by Dr. Abhijit Sarkar, HoD, Botany, University of Gourbanga on Challenges and scopes of conservation of local floral diversity.
- 5. The second plenary lecture was delivered by Dr. Arijit Chatterjee, Assistant Professor, Department of Environmental Sciences, Asutosh College. He emphasised on insitu conservation strategies.
- 6. The third plenary lecture was delivered by Mr. Neelanjan Dutta, NIT, Sikkim. He spoke on waste water treatment and management of solid wastes.
- 7. Conclusion and Feedback: The programme concluded with a vote of thanks extended to all participants for their active involvement. Feedback was collected from the students to assess their experience and gather suggestions for future cleanliness drives.

**Outcome:** The programme witnessed enthusiastic participation from many students who learnt about challenges and scopes of conservation of biodiversity.

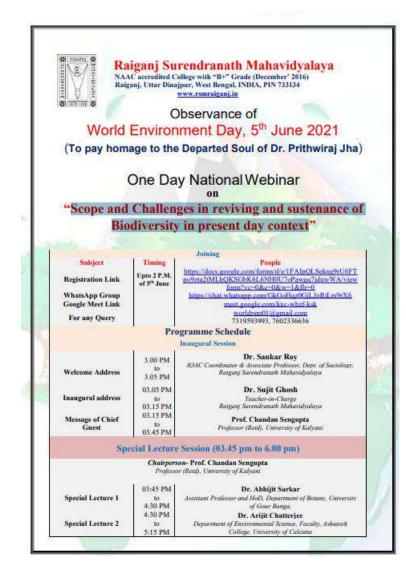
**Conclusion:** The programme organized by Nature Club of Raiganj Surendranath Mahavidyalaya served as a commendable effort towards promoting environmental stewardship among students. It instilled students to develop a sense of ecological responsibility among the participants, emphasizing the importance biodiversity conservation for sustainable living.

Acknowledgment: We extend our sincere gratitude to all the participants, faculty members, and volunteers who contributed to the success of the programme.

Principal Surendranath Mahavidyalaya Raigani, U/D

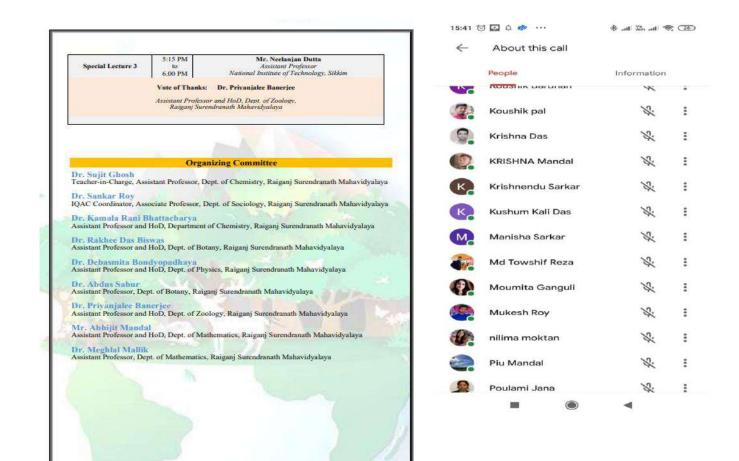


#### Brochure



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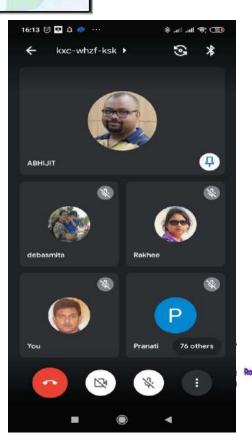
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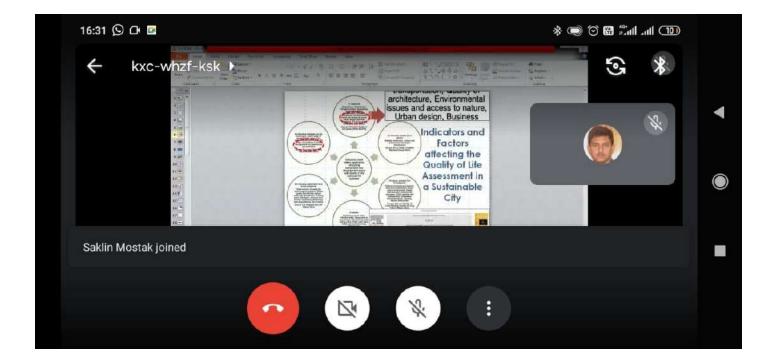
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# Raiganj Surendranath Mahavidyalaya

Sudarshanpur, Raiganj, Uttar Dinajpur (Affiliated to University of Gour Banga) Recognized by UGC U/S 2(f) & 12(B) NAAC accredited College with "B<sup>+</sup>" Grade

## World Environment Day celebration Report

Date: 05/06/2022

Organized by: Nature Club in collaboration with IQAC, Raiganj Surendranath Mahavidyalaya

Venue: Raiganj Surendranath Mahavidyalaya campus

#### Introduction:

To spread awareness about climate change and to detrimental impacts on humans, our nature club in collaboration with IQAC, RSM organized an auspicious tree plantation event on the occasion of World Environment Day.

#### **Program details:**

Our teacher-in-charge, Dr. Nilima Moktan, inaugurated this event around 11:00 A.M. All the faculties, students from various Departments, and non-teaching staff participated in this event. Within the college premises, we had planted about 10-12 saplings of peepal, cinnamon, neem, eucalyptus etc.

After plantation, the benefits of each sapling type and the trees as a whole had been discussed. We had also discussed the role of plantation in maintenance of environmental health. Special importance was given to medical herbs for their enormous ayurvedic benefits.





Sapling plantation within the campus (side-walk near the main gate)



Sapling plantation in the garden



Attendance Sheet

Chandan & Principal Roigenj Surendranath Mahavidyalaya Raiganj, U/D





Ehandan G Principal Rolganj Surendronath Mahavidyalaya Rolganj, U/D



# Raiganj Surendranath Mahavidyalaya

Sudarshanpur, Raiganj, Uttar Dinajpur (Affiliated to University of Gour Banga) Recognized by UGC U/S 2(f) & 12(B) NAAC accredited College with "B<sup>+</sup>" Grade

## REPORT ON OBSERVANCE OF WORLD ENVIRONMENT DAY 2023 AT RAIGANJ SURENDRANATH MAHAVIDYALAYA (ON 3<sup>RD</sup> AND 5<sup>TH</sup> JUNE 2023)

## <u>ACTIVITIES UNDERTAKEN ON 3<sup>RD</sup> JUNE 2023</u> Event no: 1 – Campus cleaning drive

As part of the celebrations of World Environment Day 2023, the students of Raiganj Surendranath Mahavidyalaya undertook a cleanliness campaign of the college campus on 3<sup>rd</sup> June 2023. The cleanliness campaign was organized by Zoology & Botany department of the college in collaboration with IQAC Cell, Nature club, NSS units I and II of the college. The classrooms and corridors were cleaned by the students & staffs of RSM. The front side of the College including gardens, drive, staircase was also cleaned up.

The Principal, Dr. Chandan Roy expressed gratitude to those involved in carrying out the responsibility of guiding the students in making the cleanliness drive successful. Principal sir said that it was a pleasure to see the enthusiasm of the students engaged in cleaning the campus.



#### Students cleaning the college corridors & ground



At the very outset, Dr. Chandan Roy, Principal spoke to the cadets to always keep the environment and the college campus clean. He pointed out that the responsibility of cleaning the campus is not only of the support staff but of the entire college community. He praised the gardener for the hard work and dedication in maintaining the flower gardens and the campus.

## Event no: 2 – Screening of Oscar winning short documentary film ( THE ELEPHANT WHISPERERS)



A film was screened on the event of world environment day on 3<sup>rd</sup> june 2023, at 1pm in the college auditorium, first floor (Raiganj Surendranath Mahavidyalaya). The short film "<u>THE</u> <u>ELEPHANT WHISPERERS"</u> was screened. The film was directed by Kartiki Gonsalves in 2023. The forty one minutes film is about the bond that develops between a couple and an orphaned baby elephant, Raghu, who was entrusted to their care. The film has won several awards, most notable of which are the Oscar awarded for showcasing Indian culture and tradition of environment conservation. The audience was engaged with a short introduction about the film by one of the organizers, Dr. Priyanjalee Banerjee, HoD & Asst. Prof., Dept. of Zoology, RSM. Welcome address from Hon'ble Principal, Dr. Chandan Roy followed, where he aptly portrayed the impact of natural environment on our lives. The film received positive feedback, many were able to see beyond the surface storyline and actually search for deeper

Principal Raigani Surendranath Mahavidyala Raigani, U/D



meanings that certain symbols in the film represented. The film was an important portrayal, a theme of family, deforestation awareness, and what it means to truly love. We ended the event at around 2.00 PM with notifying everyone about upcoming events and thanked them for attending.

## ACTIVITIES UNDERTAKEN ON 5<sup>TH</sup> JUNE 2023

#### Event no: 1 – Tree Plantation



A very auspicious tree plantation program was organized at the backside ground of Raiganj Surendranath Mahavidyalaya to create an awareness regarding climate change and its adverse effect on us. The program started at 11:00 am and the guest of honor for this tree plantation program was the principal of our college, Dr. Chandan Roy. A range of 15 saplings such as arjun, tamarind, jarul, berry, magnolia, etc were planted in the periphery of the playground to create an awareness about saving trees.

Principal Rolganj Surendranath Mahavidyaloyo Raiganj, U/D



Event no: 2 – Poster competition on the topic of "Innovative ideas to beat environmental pollution"



The Poster Competition was organized for students to be aware about the grave issue of environmental pollution that is taking mammoth proportions of threat to existence of living beings every day. The students were oriented about the issue and then they were required to submit their Posters created on chart paper within 2<sup>nd</sup> June 2023. They used media mix to create handmade or sketched posters in English using pencil colors, crayons, sketch pens, paints- different types, crayons, tear and paste or cut and paste method, old photographs, newspapers, etc. The students created appealing-colored posters incorporating interesting visual and verbal messages for the masses.

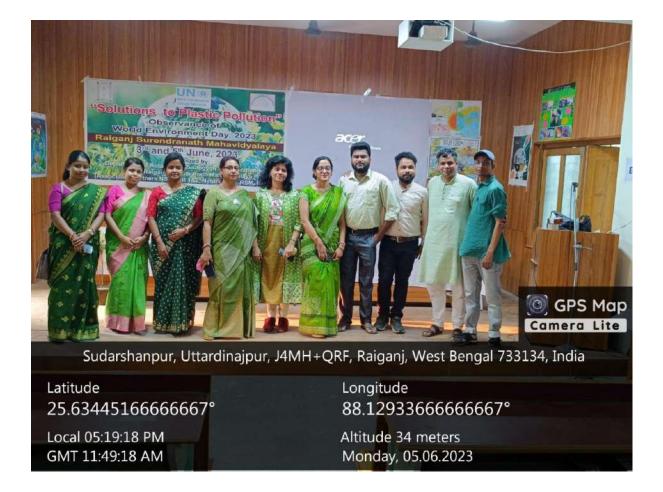
Principal Rolganj Surendranath Mahavidyaloya Raiganj, U/D



## Event no: 3 – SEMINAR ON "SOLUTIONS TO PLASTIC POLLUTIONS"

Raiganj Surendranath Mahavidyalaya organized the seminar celebrating World Environment Day on 5<sup>th</sup> june 2023 at 1 pm. The theme of this years' celebration of world environment day was <u>"SOLUTIONS TO PLASTIC POLLUTIONS"</u>.

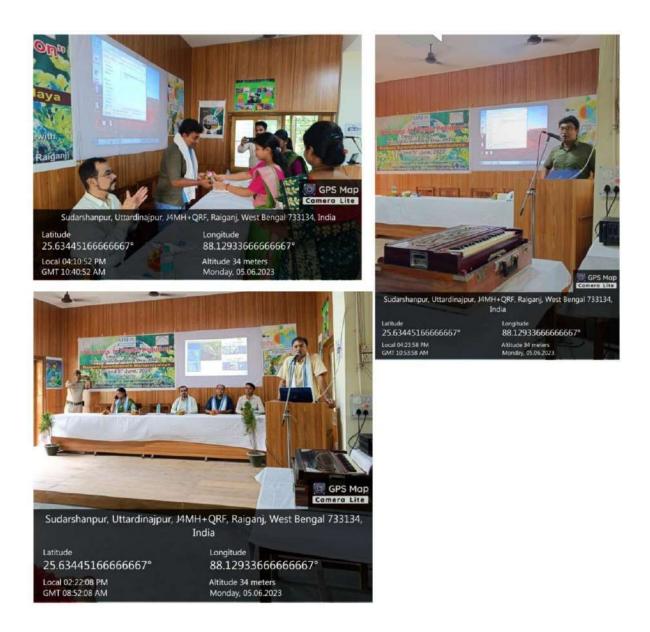
<u>Chief Guest:</u> Mr. Tuhin Subhra Mandal (Environmentalist and assistant teacher of A.K. Vidyaniketan, Balurghat) was the chief guest. Shri Kingshuk Maity (S.D.O of Raiganj) was the guest of honor. The students welcomed the guest with a song.



#### The 'Green Team' of Organizers

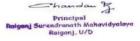






Shri Tuhin Subhra Mandal gave a powerful message of reuse, reduce, recycle and refuse. He said that the plastic we used at home finds its way from the drains to the rivers and finally to the ocean, polluting and arresting marine life.

The Principal and IQAC coordinator, RSM elaborated on negative impact of plastic on environment. They warned against the rampant use of plastic by the public and said that if we continue in this manner, the ocean will soon be inundated with non-bio-degradable garbage.





#### Principal, Dr. Chandan Roy



#### **Speakers:**



Dr. Priyanjalee Banerjee (HoD & Assistant professor of Zoology) portrayed the ocean impact of plastic pollution and emphasized mainly on the remedial measures to tackle the present grave situation.







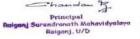
Dr. Abdus Sabur (Assistant professor of Botany) highlighted about the bioremediation process of plastic degradation in his speech.

## Event no: 4 – Quiz competition



The Quiz contest tested the general knowledge and environmental awareness of the students. The response to the quiz competition was overwhelming and positive. Prizes were won by the students for prompt and correct answering. This program hopes to motivate and generate a keen interest among the students about the urgent need of conserving the environment and quality of life.

Vote of thanks was delivered by Mr. Debajit Chakraborty, faculty, Dept. Of Zoology, RSM and with that, Principal declared the end of the World Environment Day, 2023 observance program.





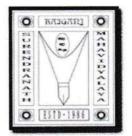
Attendance sheet



Principal Raiganj Surendronath Mahavidyalaya Raiganj, U/D







#### RAIGANJ SURENDRANATH MAHAVIDYALAYA

Sudarshanpur, Raiganj, Uttar Dinajpur (Affiliated to University of GourBanga, Malda) Recognized by UGC U/S 2f & 12(B) NAAC accredited College with "B"+Grade (December 2016)

Outreach program and Seminar on 'To sensitize people about the impact of behavioral change on the environment and biodiversity' *Organized by* Department of Botany *Sponsored by* West Bengal Biodiversity Board, Govt. of West Bengal On 5<sup>th</sup> and 13<sup>th</sup> June, 2024 At ABHOR village & Milanayatan Hall Raiganj Surendranath Mahavidyalaya

On 5<sup>th</sup> June, 2024 Department of Botany in collaboration with IQAC celebrated World Environment Day. They organized a tree plantation drive in the Raiganj Surendranath College campus. Students and faculties of the department planted *Delonix regia* (Fabaceae), *Acacia auriculiformis* (Fabaceae) in the campus.





[Tree plantation at Raiganj Surendranath Mahavidyalaya on World Environment Day, 5<sup>th</sup> June, 2024]

An outreach program was organized by the department of Botany on that very auspicious day at ABHOR village, 10 Maraikura GP, Raiganj, Uttar Dinajpur (which our institution has already adopted). Students and faculties of the department planted various fruit plants like Mango, Lichee, Guava, Sapodilla etc. Students planted fruit trees in the village

> Principal Rolganj Surendranath Mahavidyalaya Raiganj, U/D

handan



houses. And placards were prepared to aware village people regarding environmental problems.



[Tree plantation near highway at Raiganj and at ABHOR village as an outreach program organized by Raiganj Surendranath Mahavidyalaya as celebration of World Environment Day, 5<sup>th</sup> June, 2024]

Principal Roigenj Surendranath Mahavidyalaya Roigenj, U/D



# Seminar 'To sensitize people about the impact of behavioral change on the environment and biodiversity'

Seminar on 'To sensitize people about the impact of behavioral change on the environment and biodiversity' was organized by Department of Botany with the financial assistance of West Bengal Biodiversity Board, Govt. of West Bengal on 13<sup>th</sup> June, 2024 at Milanayatan Hall, Raiganj Surendranath Mahavidyalaya.



#### [Banner of the Seminar]

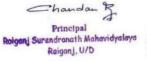
The major purpose of this awareness program was to aware students, teachers and non-teaching staff about changing their behaviors that could reduce climate change and protect the biodiversity and environment. In this program college students from different disciplines attended. Undergraduate students of different disciplines like Botany, Zoology, Bengali, Geography, Economics, Chemistry, Sociology actively participated and made the program a ground success.

> Principal bolganj Surendranath Mahavidyalaya Reiganj, U/D



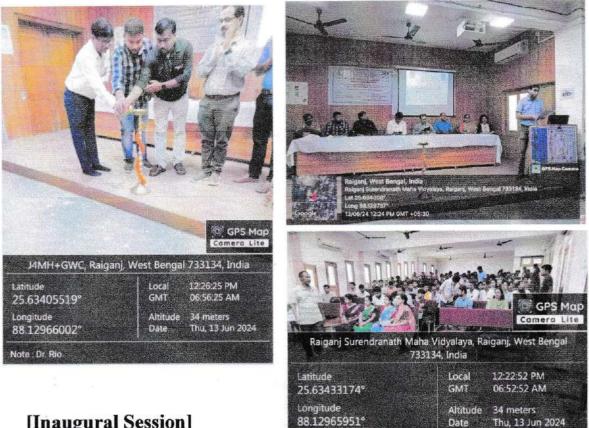
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		e about the impact of behavior wironment and biodiversity"
87		Date: 13 <sup>th</sup> June, 2024 Place: Milanayatan
Welcome Address	11.00 AM	Dr. Chandan Roy
	1.1.1	Principal Raiganj Surendranath Mahavidyalaya
	11.15 AM	Dr. Abhinandan Das Coordinator, 10AC Raiganj Surandranath Mahavidyalaya
Inaugural address	11:30 AM	Sri. Kingshuk Maiti Administrator Raiganj Surendranath Mahavidyalaya
Program Orientation Speech	11:45 AM	Dr. Priyanjalee Banerjee Assistant Professor and HoD, Dept. of Zoology, Raiganj Surendranath Mahavidyalaya
Key note speech	12:00 Noon	Dr. Hariswami Das Head Master, Sova Nagar High School, Malda National Teacher Award-2021; Shiksha Ratna-2021 "Improving Global Environment through Sustainability"
Lecture 1	12:45 noon	Md Maimun Habib NBA-BSIP Intern, West Bengal Biodiversity Board
Lecture 2	1:15 PM	Shamik Guchhait, PBR Monitoring Assistant, West Bengal Biodiversity Board
Special Lecture	1:45 PM	Moumita Das Student, Semester-VI, Botany (Honours) Raiganj Surendranath Màhavidyalaya
Vote of Thanks	2:30 PM	Dr. Rakhee Das Biswas Associate Professor and HoD, Depi. of Bolany, Raigani Surendranath Mahavidyalaya

[Program schedule of the seminar]





The program was inaugarated with the welcome address delivered by the Principal, Raiganj Surendranath Mahavidyalaya followed by IQAC coordinator and lighting of lamp along with inaugural song.



#### [Inaugural Session]

The first guest speaker of the seminar was Dr. Hariswami Das. He is an innovator, science communicator, writer and motivational speaker. He received National award in teaching and Siksharatna by the department of School Education, Govt. of WB. He emphasized the importance of renewable energy for a sustainable future and the conservation of natural resources. Dr. Das addressed various environmental problems and demonstrated the rainwater harvesting system. He illustrated how the water resource can generated through rainwater harvesting project and ground water level can be recharged through his School project. He defined biodiversity and stressed the significance of in-situ conservation. Additionally, he discussed waste management system and showcased how remarkable outcomes can be achieved from waste.

Note : Dr. Rio

handan B Principal Surendranath Mahavidyalay Raiganj, U/D





[Dr. Hariswami Das]



[Mr. Shamik Guchhait]



[Md. Maimun Habib]





[Moumita Das: student of Semester VI Botany (H)]

Principal Principal Raiganj Surendranath Mahavidyalaya Raiganj, U/D



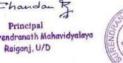
The second prominent speaker was Mr. Shamik Guchhait, expert from West Bengal Biodiversity Board (WBBB). He began his lecture by discussing the harmony of the ecosystem amidst the current chaotic state of environment. Guchhait focused on the interaction between non-living components and the ecosystem. He highlighted the importance of biodiversity and the legislative measures to protect wildlife. His speech predominantly addressed the threats to fresh water fish species, and he concluded by proposing the construction of 'Abhoy Pukur' to conserve fish diversity.

Md. Maimun Habib another expert from WBBB, delivered his talk on the Biological Diversity Act and the conservation of indigenous crop diversity in West Bengal. He mainly focused on the conservation of biological diversity, sustainable use of its component, and fair and equitable sharing of benefits. Md. Habib mentioned UNESCO heritage sites and the agencies responsible for implementing the Biodiversity Act. He also listed different varieties of rice cultivated in various blocks of West Bengal.

Miss Moumita Das, a student of Semester VI from the Department of Botany, Raiganj Surendranath Mahavidyalaya, delivered a short speech on how behavioral change could effect our environment. She focused on environmental stress and emphasized how small behavioral change could create significant positive impact through snowball effect. She urged everyone to use energy judiciously and pledge oath taking on 'Early to bed and early to rise'. She also stressed the adoption of zero-waste practice, good policies, water conservation and reducing the carbon footprint. Finally she highlighted the five R's to achieve a zero-waste policy: Reduce, Reuse, Recycle, Refuse and Rot.



The program completed successfully.





5" JUNE, 202 STUDENTS' ATTENDAT	ACE SHEET	
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#### [Attendance sheet]

Convener Raiganj Surendranath Mahavidyalaya Department of Botany Ralgenj Surendrenath Mehevidyalaya Reigani, Uttar Dinajpur



Principal Raiganj Surendranath Mahavidyalaya

Principal Raiganj Surendranath Mahavidyalaya Raiganj, U/D

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# Raiganj Surendranath Mahavidyalaya

Sudarshanpur, Raiganj, Uttar Dinajpur (Affiliated to University of Gour Banga) Recognized by UGC U/S 2(f) & 12(B) NAAC accredited College with "B<sup>+</sup>" Grade

Criterion7: Institutional Values and Best Practices

Documents: 7.1.2: Purchase Documents



HEAD Hillse year 2019-20 - SITC of PV system at Surendranath Mahavidyalaya, Hargany under e RESE INT WERWOLL CODEDIE-NIG-10/2020-21 1318 0 20 74.20 MS. MAYA CONSTRUCTION Acceptance No. al the u +um 1 -----18.41 CHECULE Is specialled after stars the relevant of the Bodder Name and Values of PRICE a 300 template must not be modified included by the bidder and the same should ing and y h tender Bidden are allowed to FEXT.8 NUMBER A NUMBER Di CLA NUMBER # TOTAL AMOUNT TOTAL AMOUNT TINTE NER D SASIC RATE In weed a Doardity. **Rein Caluertpfior** 14 Rupures To be entered by the Bidsky Rb. P 144.0 13 1734 2 17 use Army Supple of an Unit subscripting of high efficiency uses the case with full of units Stat IN 1 Alter har de la contraction de la contrection de la contraction de la contraction de la c NU POOLA न मध्य an hair the second One Link Server Thousand Shorty Driv mail the erennigh 00 1748 proper di Te Nos 16 **Ipdule** 108 18 100 Bar черот ACTORNAL CONTRACTOR MANDO TAL. 22470.9 Sources Structure (VMS) - Supply 8 the am-compare 0.3 angle structure some seminic on the terrace of the Module ung i 3 suitable table of that tendes of the 3 suitable table of transmission to the accommodation of the modules shure capable of containing 8 modules) Garret halding ist make of failings mills & bolt. The minimum (each t et galverusion al reast ab murana & the floor stand the wind load of 150 Kmhr. As 5. The minimum distrance of the lowest pictor. A. J. Frath NR Forty Four Thousand must A 44940-00 te module structure & the tercace is not Grin per Es NOS In module structure & the sectors is not account & the total load of the structure bled with PU modules on the tensor prise less than 80 Kg/m2. The stray prise be grounded property using input the sectors of systems for a viet building tensors & ROC foundation part of ess P (interly) thour would . GERTIFIED COP IN BREE mour um M20 Grade I MARE SAIL I TATA (184) 2 100 CAMEND) Dakshin Dinajpur Electrical Division ACCEPTED BY ME Relarghal, Oakshin Dinsing Sol- 2 Basman Executive Engineer P N D. Oaksinin Dénajpur Electroni Dire Bahrighar, Oeksinin Dénerin, MS. MAYA CONSTRUCTION Utta Salis PROPRIETOR 15/07/21

Price schedule

Chandan J Principal Rolganj Surendranath Mahavidyalaya Raiganj, U/D

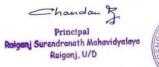


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Chandan J Principal Raiganj Surendranath Mahavidyalaya Raiganj, U/D



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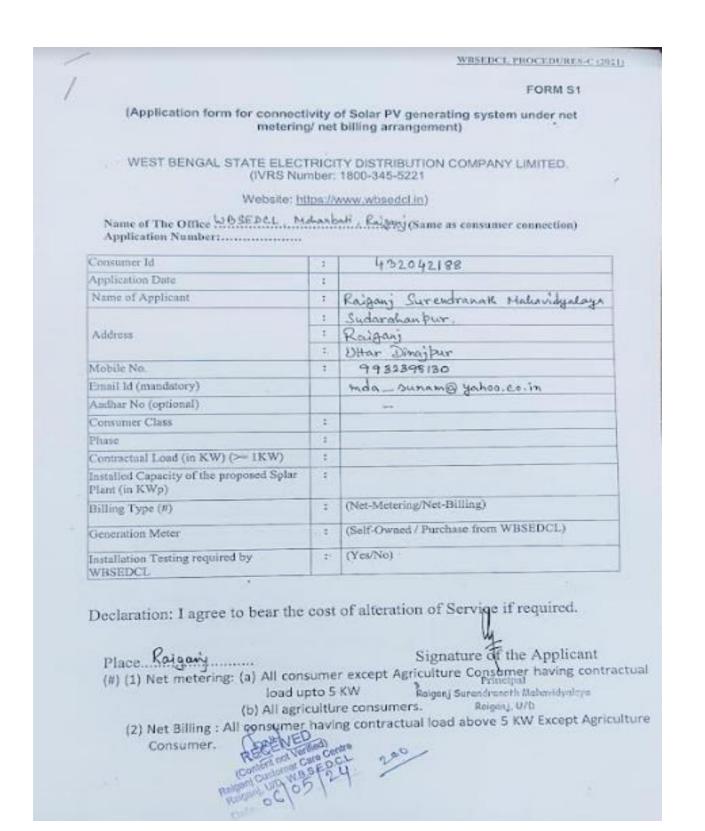
#### Application for installation of bi-directional meter for PV system (applied in 2022)

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Chandan J Principal Raiganj Surendranath Mahavidyalaya Raiganj, U/D



#### Application for installation of bi-directional meter for PV system (applied in 2024)



Chandan J Principal Roigonj Surendranath Mahavidyalaya Raiganj, U/D



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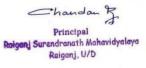


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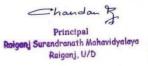


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Estimate for Rain water Harvesting (2 Nos) of P.C.C., Brick works, Plaster & Colour at Raiganj Surendranath Mahavidyalaya, Raiganj Block, Dist Uttar Dinajpur.									idyalaya,
⊢	RATE OBTAINED FROM P.W.D SCHEDULE OF RATE 01.11.2017 & 3RD	COI	RIGENDA						
SL No	Description Of Item	No	Length	Bredth	Height (m)	Quantity	Unit	Rate (Rs.)	Amount (Rs.)
	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes.a) Pakur Variety (Page No-24 of 315,Item No-4) [ANNEXURE - II]		(m)	(m)					
	below brickwork	4 4	2.500 2.100	0.375 0.375	0.150 0.150	0.563 0.473 1.036	Cum	5556.50	5758.53
2	Brick work with 1st class bricks in cement mortar (1:6) (a) In foundation and plinth (Page No-15 of 315,Item No-8) wall	4 4 4 4	2.500 2.100 2.500 2.100	0.375 0.375 0.250 0.250	0.150 0.150 2.300 2.300	0.563 0.473 5.750 4.830 11.616	Cum	4966.00	57685.08
	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering comers as directed and raking out joints including threating, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface] (Page No-189 of 315 Item No -1) ii)with 1:6 Cement Morter b) 20 mm Thk Plaster <u>Outside</u> Inside	4 4 4	2.500 2.100 2.500		1.200 1.200 1.500	12.000 10.080 15.000	Cum	4968.00	57685.08
	Тор	4	2.100 9.200		1.500 0.300	12.600 5.520 55.200	Sqm	166.00	9163.20
4	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. (Page No-192 of 315,Item No-15)	44	2.500 2.100		3.000 3.000	30.000 25.200 55.200	Sqm	34.00	1876.80
5	Applying Exterior grade Acrylic primer of approved quality and brand on plastered or cencrete surface old or new surface to receive decorative textured(matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface throughly, complete as per manufacturer's specification and as per direction of the EIC(Page No-196 of 315,Item No- 8) In Ground Floor ,Two Coat		Same	as item r	10.03	55.200	sam.	45.10	2489.52
6	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. (Page No-197 of 315,Item No-17) In Ground floor (Two Coat) a) Normal Acrylic Emulsion			as item r		55.200			
L		67.00 Tatal Da	3698.40						
Add G.S.T @ 18 %								Total Rs. = Rs.	80669.51 14520.51
Total Amount including G.S.T. Add L.W.C. @ 1 %								= Rs. = Rs.	95190.02 951.9
			54	d contine	pency @ 3		TOTAL		96141.92 2855.70
				- which the Party	and M o	GRAND	TOTAL		98998.00

In Words Total Estimated Cost Rupees Ninety Eight Thousand Nine Hundred And Ninety Eight Only.



WADIAA

Not         Description Of them         No         Second	Estimate for Rain water Harvesting (2 Nos) of Rain water Pipe & Construction of Sub Base using Gravel/Stone metal, at Raiganj Surendranath Mahavidyalaya, Raiganj Block, Dist Uttar Dinajpur.										
No         Description of them         No         Yes          Yes						, Dist Utt	ar Dinajp	ur.			
Image is a start of the start of t		Description Of Item	No			Height (m)	Quantity	Unit	Rate (Rs.)	Amount (Rs.)	
including making poles in walls, floor etc. cuting trenches in y and mending good damages including joining with pointing concrete structures etc if necessary and mending good damages including joining with pointing complete. Big 150 nm. Dia     2     8.000     16.000       A) UPVC Pipes:	1			(m)	(m)						
B) UPVC Fittings a) Plain Tee (B) 150 mm. Dia d) Shoe (B) 100 mm. Dia.       4       4       4       4       2022         A) UPVC Pipes: (B) 110 mm. Dia.       1       72.000       72.000       Mtr.       251.00       18072         B) UPVC Fittings a) Plain Tee. (B) 150 mm. Dia.       25       25       25       18072       4 Nos       507.00       2022         B) UPVC Fittings a) Plain Tee. (B) 75 mm. Dia.       25       25       25       Nos       172.00       4300         B) UPVC Fittings a) Plain Tee. (B) 75 mm. Dia.       25       1.500       37.500 Mtr.       188.00       7055         B) UPVC Fittings a) Construction of Sub Base using Local Materials:       25       25       25       Nos       102.00       2550         Construction of Sub Base using Local Materials:       25       1.500       37.500 Mtr.       188.00       7055         Construction of Sub Base using Local Materials:       25       1.500       37.7075       102.00       2550         Construction of Sub Base using Local Materials:       1       2.250       1.850       1.800       7.403       102.00       2500         Construction of Sub Base by consolidating Jhama materials and making necessary entition built of consolidating Jhama materials and making necesary entition store foad & Bridge Works of tone than 50; (in propot		conforming to IS:13592-1992 with all necessary clamps nails, including making holes in walls, floor etc. cutting trenches in any soil through masonry concrete structures etc if necessary and mending good damages including joining with jointing materails (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete. (Page No- of 212,Item No-21)	2				24.000				
a) Since Term Dia.       4       A       No.       305.00       1227         A) UPVC Pipes: (ii) 110 mm. Dia.       1       72.000       Mtr.       251.00       180.7         a) DPVC Fittings       25       25       No.       172.00       Mtr.       251.00       180.7         b) UPVC Fittings       25       25       No.       172.00       Mtr.       188.00       7056         b) UPVC Fittings       25       1.500       37.500       Mtr.       188.00       7056         a) UPVC Fittings       25       25       No.       102.00       256         a) UPVC Fittings       25       25       No.       102.00       256         Construction of Sub Base using Local Materials.       276.00       Mtr.       188.00       7056         construction of Sub Base using Local Materials.       276.00       375.500       Mtr.       188.00       7057         construction of Sub Base using Local Materials.       276.00       375.500       Mtr.       188.00       7.493       1       2.250       1.850       1.800       7.493       1       2.250       1.850       1.800       7.493       1       2.250.0       329       329       329       329       329 </th <td></td> <td>B) UPVC Fittings</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>19400.00</td>		B) UPVC Fittings								19400.00	
A) UPVC Pipes: (ii) 110 mm. Dia.         1         72.000         Mtr.         251.00         18072           B) UPVC Fittings         a) Plain the (ii) 110 mm. Dia.         25         25         37.500         Mtr.         188.00         7050           B) UPVC Fipes: (i) 75 mm. Dia.         25         25         37.500         Mtr.         188.00         7050           B) UPVC Fipes: (i) 75 mm. Dia.         25         25         37.500         Mtr.         188.00         7050           Construction of Sub Base using Local Materials.         25         26         37.500         Mtr.         188.00         7050           Construction of Sub Base using Local Materials.         25         1.500         37.500         Mtr.         188.00         7050           Construction of Sub Base using Local Materials.         25         1.500         1.02.00         2550           Construction of Sub Base trans carriage of all materials and making necessary earthen bunch of one metre with vibratory roller to achieve the desired density. Bipting, uarding and barriadelion for Construction of Sub Base by consolidating. Jhanne metre with or Sub Sub Schoule1         1         2.250         1.850         1.800         7.483           Total tente chely to stome metal / shingles of specific size no carriage and and making necessary.         1         2.250         1.850			4				4	Nos	507.00	2028.00	
B) UPVC Fittings     25     25     Nos     172.00     4300       A) UPVC Pipes: (i) 75 mm. Dia.     25     25     Nos     172.00     4300       B) Plain Tee (ii) 110 mm. Dia.     25     25     1.500     37.500     Mtr.     188.00     7050       Construction of Sub Base using Local Materials: construction of Sub Base using Local Materials: base     1     2     1     2     1     1     2     1     1     1     2     1     1     2     1     1     2     1     1     2     1     1     2     1     1     2     1     1     2     1     1     2     1     1     2     1     1     2     1     1     2     1     1     2     1     1     1     2     1     1     1     2     1     1     2     1     1     1     2     1     1     1			4				4	Nos	305.00	1220.00	
a) Plain Tee ,(ii) 110 mm. Dia. A) UPVC Pipes: ,(i) 75 mm. Dia. B) UPVC Pittings a) Plain Tee ,(i) 75 mm. Dia. Construction of Sub Base using Local Materials: Construction of Sub Base bit of protect the edges complete as per Clause 401 of Specifications for Road & Endge Works of MoRT&H (5th Revision) (iii) For Construction of Sub Base by compacting gravel, costes sand and morrum (AL value of mere than 6); (in proportion of 35:40:25) (Page No-247 of 315 Jetm No-4.09) Road Schedule1 Date Mater Bound Macadam Sub Base by consolidating Jhama metai / Laterite chely or stone metal - shingles of specific size n hard crust to requilate thickness (measured after compacting of all materials and hire and preparing the bed by necessary, hand packing, sweeping, watering and rolling in stages with power rolling and complete including the cost of all materials and hire and preparing the bed by necessary to protect dege and preparing the bed by necessary costifications for Road & Endge Works of MoRT&H (5th Revision), (i) For Construction of Sub Base by consolidating Jhama metal (6 mm to 45 mm) with moorum screening : (Page No-247 of 315,Item No-4.10) [Road Scheduls] Date = the daterials and hire and babor charges of all men and machineries and compacting to the required density, as per Clause 404 of Specifications for Road & Endge Works of MoRT&H (5th Revision), (i) For Const		A) UPVC Pipes: ,(ii) 110 mm. Dia.	1	72.000			72.000	Mtr.	251.00	18072.00	
B) UPVC Fittings       25<			25				25	Nos	172.00	4300.00	
a) Plain Tee. (i) 75 mm. Dia.       25       25 Nos       102.00       2550         2 Construction of Sub Base using Local Materials: Construction of Sub Base using Local Materials: Construction of Sub Base using Local Materials: Construction of Sub Base using Local Materials: Including screening the metal as necessary, mixing by mix in place method with Notavator at OMC, and compacting with vibratory roller to achieve the desired density, lighting, uarding and baricading including cost and carriage of all materials and making necessary earthen bundh of one metre wide on each side to protect the edges complete as per Clause 401 of Specifications for Road & Bridge Works of MoRT&H (5th Revision) (iii) For Construction of Sub Base by compacting gravel. coarse sand and moorum (A.I. value of more than 6): (in proportion of 35.40:25) (Page No-247 of 3 Water Bound Macadam Sub Base by consolidating Jhama metal / Laterite chelly or stone metal / shingles of specific size in hard crust to proper line, grade and camber, lighting, guarding & barricading and making necessary earthen bundh of one metre width on each side where necessary using or filling and rolling all complete including in stages with power roller to proper line, grade and camber, lighting, juarding & barricading on disking necessary earthen bundh of one metre width on each side where necessary to protect edges and preparing the bed by necessary to protect edges not sub Base by consolidating Jhama metal (6 mm to 45 mm) with moorum acreening : (Page No-247 of 315,Item No-4.10) [Road Schedule] base       1       2.250       1.850       1.500       6.244 6.660         1       2.250       1.850       1.600       6.244 6.660       6.660       6.244 1       6.660       6.624 1       6.660			25	1.500			37.500	Mtr.	188.00	7050.00	
2       Construction of Sub Base using Local Materialis. spreading in unform layers with Motor grader on prepared surface. Including screening the metal as necessary, mixing by mix in place method with Rotavator at OMC, and compacting with vibratory roller to achieve the desired density. lighting, uarding and barricading including cost and carriage of all materials and making necessary earthen bundh of one metre wide on each side to protect the edges complete as per Clause 401 of Specifications for Road & Bridge Works of MoRT&H (5th Revision) (iii) For Construction of Sub Base by compacting gravel, coarse sand and moorum (A.L. value of more than 6): (in proportion of 35:40:25) (Page No-247 of 315.1tem No-4.09) IRoad Schedule]       1       2.250       1.850       1.800       7.493         3       Water Eound Macadam Sub Base by consolidating Jhama metal or requisite bickness (measured after compaction) in layers including screening of metals etc. as necessary, hand packing, sweeping, watering and rolling in stages with power roller to proper line, grade and carbied the bed by necessary cutting or filling and rolling all complete including the tech shift (5th Revision). (i) For Construction of Sub Base by consolidating Jhama metal (6 mm to 45 mm) with moorum screening of Illing and rolling in stages with power roller to proper line, grade and carbie the bed by necessary cutting or filling and rolling all complete including the tech shift (5th Revision). (i) For Construction of Sub Base by consolidating Jhama metal (6 mm to 45 mm) with moorum screening : (Page No-247 of 315,Item No-4.10) [Road & Bridge Works of MoRT&H (5th Revision). (i) For Construction of Sub Base by consolidating Jhama metal (6 mm to 45 mm) with moorum screening : (Page No-247 of 315,Item No-4.10) [Road & Low (2 1 1 2.250 1.850 1.500 1.600 1.600 1.600 1.600 1.600 1.600 1.600 1.600 1.600 1.600 1.600 1.600 1.600 1.600 1.600 1.6			25				25	Nos	102.00	2550.00	
metal / Laterite chelly or stone metal / shingles of specific size in hard crust to requisite thickness (measured after compaction) in layers including screening of metals etc. as necessary. hand packing, sweeping, watering and rolling in stages with power roller to proper line, grade and camber, lighting, guarding & barricading and making necessary earthen bundh of one metre width on each side where necessary to protect edges and preparing the bed by necessary cutting or filling and rolling all complete including the cost of all materials and hire and labour charges of all men and machineries and compacting to the required density, as per Clause 404 of Specifications for Road & Bridge Works of MoRT&H (5th Revision). (i) For Construction of Sub Base by consolidating Jhama metal (6 mm to 45 mm) with moorum screening : (Page No-247 of 315,Item No-4.10) [Road Schedule] base       1       2.250       1.850       1.500       6.244 6.660       6.244 6.660         1       2.250       1.850       1.500       6.244 6.660       6.617       8.87         1       2.250       1.850       1.500       6.244 6.660       6.617       8.87         1       2.250       1.850       1.500       6.244 6.660       6.617       6.317         1       2.250       1.850       1.500       6.244 6.660       6.617       8.87         1       2.250       1.850       1.500       6.244 6.660       6.817       8.87       6317         1       2.250       1.850       1.600       12.904       Cu m<		Including screening the metal as necessary, mixing by mix in place method with Rotavator at OMC, and compacting with vibratory roller to achieve the desired density, lighting, uarding and barricading including cost and carriage of all materials and making necessary earthen bundh of one metre wide on each side to protect the edges complete as per Clause 401 of Specifications for Road & Bridge Works of MoRT&H (5th Revision) (iii) For Construction of Sub Base by compacting gravel, coarse sand and moorum (A.I. value of more than 6): (in proportion of 35:40:25) (Page No-247 of 315.Item No-4.09) [Road Schedule1 base					7.076	Cum	226.00	3292.59	
Add G.S.T @ 18 %         = Rs.         1137           Total Amount including G.S.T.         = Rs.         7454           Add L.W.C. @ 1 %         = Rs.         745           Add contingency @ 3 %         = Rs.         7223	3	metal / Laterite chelly or stone metal / shingles of specific size in hard crust to requisite thickness (measured after compaction) in layers including screening of metals etc. as necessary, hand packing, sweeping, watering and rolling in stages with power roller to proper line, grade and camber, lighting, guarding & barricading and making necessary earthen bundh of one metre width on each side where necessary to protect edges and preparing the bed by necessary cutting or filling and rolling all complete including the cost of all materials and hire and labour charges of all men and machineries and compacting to the required density, as per Clause 404 of Specifications for Road & Bridge Works of MORT&H (5th Revision). (i) For Construction of Sub Base by consolidating Jhama metal (6 mm to 45 mm) with moorum screening : (Page No-247 of 315,Item No-4.10) [Road Schedule]	1				6.660	Cum	408.00	5264.83	
Total Amount including G.S.T.         = Rs.         7454           Add L.W.C. @ 1 %         = Rs.         74           TOTAL         = Rs.         74           Add contingency @ 3 %         = Rs.         7223									Total Rs.	63177.42 11371.94	
Add contingency @ 3 % = Rs. 223			Tot	al Amour	nt includi	ng G.S.T.			= Rs.	74549.36	
									= Rs.	745.49	
GRAND TOTAL = Rs. 7753				Add	d conting	ency @ 3 %				2236.48 77531.00	

In Words Total Estimated Cost Rupees Seventy Seven Thousand Five Hundred And Thirty One Only.



Ehandan Z Principal Raiganj Surendranath Mahavidyalaya Raiganj, U/D

#### Detail Estimate for Sanitary & Plumbing Works of Gents Toilet & Ladies Toilet ( Ground Floor) at Raiganj Surendranath Mahavidyalaya, Raiganj Block, Dist.- Uttar Dinajpur.

(RATE OBTAINED FROM P.W.D SOR vol. II "SANITARY & PLUMBING WORKS" with effect from 01.11.2017 & CORRIGENDA )

SI.n	Ref.	Description of item	Unit	Qty.	Rate	Amount
ο.						
1	P-12, I- 19(I)	Supplying, fitting and fixing PVC pipes of approved make of Schedule 80 (medium duty) conforming to ASTMD - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads,fitting, fixing etc. complete in all respect including cost of all necessary fittings as required jointing materials and two coats of painting with approved paint in any position above ground.				
		(Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accesories, specials. Payment for painting will be made separately) (a) For Exposed Work, PVC Pipes (Dia) 15 mm				
		15 mm	Mtr.	14.00	101.00	1414.00
		(b) For Concealed Work (Dia)	Mtr.	18.00	129.00	2322.00
		15 mm	Mtr.	20.00	137.00	2740.00
		20 mm 25 mm	Mtr.	16.00	205.00	2528.00
2	P-06. I-	Supplying, fitting and fixing bib cock or stop cock.	Mar.	10.00	205.00	2050.00
	07					
		(ii) Chromium plated Bib Cock long body with wall flange with aerator (Equivalent to Code No. 512 & Model - Tropical / Sumthing Special of ESSCO or similar brand) (ii) Chromium plated Concealed Stop Cock (Equivalent to Code No. 514(A))	Each	2	659.00	1318.00
		& Model - Tropical / Sumthing Special of ESSCO or similar brand).				
-			Each	2	674.00	1348.00
3	P-10, I- 15	Supplying, fitting and fixing self closing C.P. water tap of approved brand and make - 15 mm dia.	Each	2	273.00	546.00
4	P-36, I- 02	Supplying, fitting and fixing 10 litre P.V.C. low-down cistem conforming to I.S. specification with P.V.C. fittings complete,C.I. brackets including two coats of painting to bracket etc.	Each	2	1015.00	2030.00
5	P-3, I- 03	Supplying, fitting and fixing shower of approved brand and make c) Chromium plated Hand shower 70mm dia Round Shape Single flow with Flexible Tube & fittings(Equivalent to Code No. ESH-5512 & Model - Tropical / Sumthing Special of ESSCO or similar)	Each	2	1228.00	2456.00
6	P-45, I- 19	a) (ii) CP Pillar Cock Super Detuxe with Aerator - 15 mm. (Equivalent to Code No. 508 & Model No. Tropical / Sumthing Special of ESSCO or similar brand).	Each	2	592.00	1184.00
7	P-65, I- 14	Supplying,fitting and fixing cast iron 'P' or 'S' trap conforming to I.S. 3989/ 2009 and 1729/ 2002 including lead caulked joints and painting two coats to the exposed surface. (Painting to be paid seperately).				
		(A) 'P' Trap, (ii) 100 mm	Each	2	948.00	1896.00
8	P-79, I- 03	Supplying, fitting and fixing Anglo-Indian W.C. in white glazed vitreous china ware of approved make complete in position with necessary bolts, nuts etc. (a) With 'P' trap (with vent)	Each	2	3104.00	6208.00

# Page 1 of 2

SI.n	Ref.	Description of Item	Unit	Qty.	Rate	Amount
<u>o</u> . 9		Supplying, fitting & fixing UPVC pipes A- Type and fittings conforming to IS:13592-1992 with all necessary clamps nails, including making holes in walls, floor etc. cutting trenches in any soil through masonry concrete structures etc if necessary and mending good damages including joining with jointing materails (Spun Yam, Valamoid/Bitumen/M-Seal etc) complete. (Page No-212 of 315.1tem No-21) A) UPVC Pipes: .(ii) 110				
		mm. Dia.	Mbr.	4.20	251.00	1054.20
				TOT	AL Rs.	29094.20
	Ad <u>d G.S.T @ 18 9</u> Total Amount including G.S.T				= Rs.	5236.96
					= Rs.	34331.16
Add L.W.C. @ 1 % =						343.31
		·			= Rs.	34674.47
		Add con	tingency	y 🕲 3 %	= Rs.	1029.94
GRAND TOTAL						35704.00

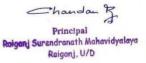


No       (m)       (m	Γ	Estimate for Stainless Steel Railing of College ply ground, Avigyan Room, College building front side & Gents Toilet at Raiganj Surendranath Mahavidyalaya, Raiganj Block, Dist Uttar Dinajpur.										
No       Description Of Item       No       (m)       Height (m)       Quantity       Unit       Rate       Rs.       Amount         1       Supplying, fitting and fixing Stainless Steel railing consist of alternative steps, 50mm dia and 900mm height vertical balustrade at every two alternative steps, 50mm dia top rail, 3 (three) nos 19mm dia horizontal Strainless steel pipe and base/cover plate with Strainless Steel GRADE 304 containing 7.5% nickle (Interior Grade) Brushed/Mat finish, complete as per direction of the Engineer-in-charge. Weight of Strainless Steel railing per metre 6.5 Kg (approx) (Page No-109 of 315 Item No -22)       1       2.500       2.500       4       <	$\vdash$	RATE OBTAINED FROM P.W.D SCHEDULE OF RATE 01.11.2017 & 3RD CORRIGENDA										
38mm dia and 900mm height vertical balustrade at every two alternative steps, 50mm dia top rail, 3 (three) nos 19mm dia horizontal Strainless steel pipe and base/cover plate with Strainless Steel GRADE 304 containing 7.5% nickle (Interior Grade) Brushed/Mat finish, complete as per direction of the Engineer-in-charge. Weight of Strainless Steel railing per metre 6.5 Kg (approx) (Page No-109 of 315 Item No -22)       1       2.500       2.500         college ply ground       1       1.400       1.400       1.400         Avigyan Room       1       1.800       1.800       1.800         Gents Toilet       2       0.650       1.300       Mtr.       9077.00       6353         Total Rs.       635       Add G.S.T @ 18 %       = Rs.       749         Add L.W.C. @ 1 %       = Rs.       757		Description Of Item	Rate (Rs.)	Amount (Rs.)								
Total Rs.         635           Add G.S.T @ 18 %         = Rs.         114           Total Amount including G.S.T.         = Rs.         749           Add L.W.C. @ 1 %         = Rs.         7           TOTAL         = Rs.         757	1	38mm dia and 900mm height vertical balustrade at every two alternative steps, 50mm dia top rail, 3 (three) nos 19mm dia horizontal Strainless steel pipe and base/cover plate with Strainless Steel GRADE 304 containing 7.5% nickle (Interior Grade) Brushed/Mat finish, complete as per direction of the Engineer-in-charge. Weight of Strainless Steel railing per metre 6.5 Kg (approx) (Page No-109 of 315 Item No -22) college ply ground Avigyan Room college building front side	1 1 1	1.400 1.800			1.400 1.800 1.300	Mtr	9077.00	63539.00		
Total Amount including G.S.T.       = Rs.       749         Add L.W.C. @ 1 %       = Rs.       7         TOTAL       = Rs.       757				63539.00								
Add L.W.C. @ 1 % = Rs. 7 TOTAL = Rs. 757			Tot	al Amour	nt includi		u G.S.T (	J 18 %		11437.02 74976.02		
							d L.W.C.	<u>@1%</u>		749.76		
						0.0.0		TOTAL		75725.78		
				Add	conting	ency @ 3 %		TOTAL		2249.28 77975.00		

In Words Total Estimated Cost Rupees Seventy Seven Thousand Nine Hundred And Seventy Five Only.

Estimate for Stainless Steel Railing of Ladies Toilet & Staircase at Raiganj Surendranath Mahavidyalaya, Raiganj Block, Dist Utt								k, Dist Uttar	
Dinajpur.									
RATE OBTAINED FROM P.W.D SCHEDULE OF RATE 01.11.2017 & 3RD CORRIGENDA									
	No	Length (m)	Bredth (m)	Height (m)	Quantity	Unit	Rate (Rs.)	Amount (Rs.)	
38mm dia and 900mm height vertical balustrade at every two alternative steps, 50mm dia top rail, 3 (three) nos 19mm dia horizontal Strainless steel pipe and base/cover plate with Strainless Steel GRADE 304 containing 7.5% nickle (Interior Grade) Brushed/Mat finish, complete as per direction of the Engineer-in-charge. Weight of Strainless Steel railing per		0.550 0.600 1.750 0.750			1.100 1.200 3.500 0.750 6.550	Mtr.	9077.00	59454.35	
	Total Rs. = Rs	59454.35 10701.78							
Total Amount including G.S.T.								70156.13	
Add L.W.C. @ 1 %								701.56	
		<b>A</b> -1				TOTAL		70857.69	
		Add	a conting	ency @ 3 %		TOTAL	-	2104.68 72962.00	
	RATE OBTAINED FROM P.W.D SCHEDULE OF RATE 01.11.2017 & 3RD Description Of Item Supplying, fitting and fixing Stainless Steel railing consist of 38mm dia and 900mm height vertical balustrade at every two alternative steps, 50mm dia top rail, 3 (three) nos 19mm dia horizontal Strainless steel pipe and base/cover plate with Strainless Steel GRADE 304 containing 7.5% nickle (Interior Grade) Brushed/Mat finish, complete as per direction of the Engineer-in-charge. Weight of Strainless Steel railing per metre 6.5 Kg (approx) (Page No-109 of 315 Item No -22) Ladies Toilet	Dim       Dim       RATE OBTAINED FROM P.W.D SCHEDULE OF RATE 01.11.2017 & 3RD COF       Description Of Item     No       Supplying, fitting and fixing Stainless Steel railing consist of 38mm dia and 900mm height vertical balustrade at every two alternative steps, 50mm dia top rail, 3 (three) nos 19mm dia horizontal Strainless steel pipe and base/cover plate with Strainless Steel GRADE 304 containing 7.5% nickle (Interior Grade) Brushed/Mat finish, complete as per direction of the Engineer-in-charge. Weight of Strainless Steel railing per metre 6.5 Kg (approx) (Page No-109 of 315 Item No -22)       Ladies Toilet     2       Staircase     2	Dinajpur.         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RATE OBTAINED FROM P.W.D SCHEDULE OF RATE 01.11.2017 & 3RD CORRIGENDA         Description Of Item       No       Length (m)       Bredth (m)         Supplying, fitting and fixing Stainless Steel railing consist of 38mm dia and 900mm height vertical balustrade at every two alternative steps, 50mm dia top rail, 3 (three) nos 19mm dia horizontal Strainless steel pipe and base/cover plate with Strainless Steel GRADE 304 containing 7.5% nickle (Interior Grade) Brushed/Mat finish, complete as per direction of the Engineer-in-charge. Weight of Strainless Steel railing per metre 6.5 Kg (approx) (Page No-109 of 315 Item No -22)       2       0.550         Ladies Toilet       2       0.6000       2       1.750       1         Staircase       1       0.750       1       0.750	Dinajpur.         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Weight of Strainless Steel railing per metre 6.5 Kg (approx) (Page No-109 of 315 Item No -22)     2     0.550     1.100       Ladies Toilet     2     0.6600     2     1.750     0.750     0.750       Staircase     1     0.750     0.750     0.750     Mtr.       Add G.S.T @ 18 % Total Amount including G.S.T. Add L.W.C. @ 1 % TOTAL	Dinajpur.       Dinajpur.       RATE OBTAINED FROM P.W.D SCHEDULE OF RATE 01.11.2017 & 3RD CORRIGENDA       Mo     Length (m)     Bredth (m)     Height (m)     Quantity     Unit     Rate (Rs.)       Supplying, fitting and fixing Stainless Steel railing consist of 38mm dia and 900mm height vertical balustrade at every two alternative steps, 50mm dia top rail, 3 (three) nos 19mm dia horizontal Strainless steel pipe and base/cover plate with Strainless Steel GRADE 304 containing 7.5% nickle (Interior Grade) Brushed/Mat finish, complete as per direction of the Engineer-in-charge. Weight of Strainless Steel railing per metre 6.5 Kg (approx) (Page No-109 of 315 Item No -22)     2     0.550     1.100       Ladies Toilet     2     0.6500     1.200     3.5000       Staircase     1     0.750     6.550     Mtr.     9077.00       Total Rs. Add G.S.T @ 18 %       Total Rs. Add L.W.C. @ 1 %     = Rs. Add contingency @ 3 %	

In Words Total Estimated Cost Rupees Seventy Two Thousand Nine Hundred And Sixty Two Only.





### Memorandum of Understanding (MOU)

THIS AGREEMENT is made on this 05th day of September, 2024

#### BETWEEN

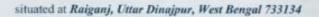
### RAIGANJ SURENDRANATH MAHAVIDYALAYA,



# situated at Sudarshanpur, Raiganj, Uttar Dinajpur, West Bengal 733134

# AND RAIGANJ MUNICIPALITY,





#### Management of the various types of degradable and nondegradable waste

Raiganj Surendranath Mahavidyalaya has taken proactive initiatives towards managing different types of wastes, including degradable, non-degradable waste, by establishing a Memorandum of Understanding (MOU) with the Raiganj Municipality for responsible waste removal.

#### 1. Waste Management MOU:

The college has established a partnership with the Raiganj Municipality to collaboratively address the proper disposal and management of various types of waste generated within the college premises. This MOU outlines the responsibilities and roles of both parties in handling different categories of waste materials in an environmentally conscious manner.

# 2. Categorization of Waste:

The college has implemented a waste categorization system to distinguish between degradable and non-degradable waste. This sorting allows for appropriate handling and disposal methods tailored to each type of waste material.

1



# 3. Responsibilities and Procedures:

As per the MOU, the college and the municipality have defined procedures for the collection, segregation, transportation, and disposal of waste. Degradable waste might be earmarked for composting or bioconversion, while non-degradable waste undergo specialized treatment or recycling processes to ensure responsible disposal without environmental harm.

#### 4. Awareness and Education:

Additionally, Raiganj Surendranath Mahavidyalaya conducts awareness campaigns and educational programs within the college community to promote waste segregation at the source. This effort aims to sensitize students, faculty, and staff about the importance of responsible waste disposal and the implications of improper waste management on the environment.

# 5. Monitoring and Evaluation:

The MOU also likely includes provisions for regular monitoring and evaluation of waste management practices. This ensures that the agreed-upon procedures are being followed effectively and allows for adjustments or improvements in waste management strategies as needed.

# 6. Community Impact:

Through this collaboration with the municipality, the college contributes positively to the community by demonstrating a commitment to environmental sustainability. Proper waste management not only maintains a clean and healthy campus environment but also sets an example for responsible waste disposal practices in the broader community.

Raiganj Surendranath Mahavidyalaya's partnership with the Raiganj Municipality showcases its dedication to implementing systematic and eco-friendly waste management practices, thereby contributing to a cleaner and greener environment.

practices, thereby contributing to a creatier and greener care and greener and

By and Between

The Raiganj Surendranth Mahavidyalaya, Sudarshanpur, Raiganj, Uttar Dinajpur, West Bengal-733134 is represented by its Tracher -In-Charge Dr. Abhinandan Das (hereinafter referred to as "First Party", the Institution which expression, unless excluded by or repugnant to the subject or context shall include its successors-in-office, administrators and assigns).

#### AND

Raiganj Municipality, P.O. & P.S. Raiganj, Uttar Dinajpur, West Bengal- 733134, represented by its Chairman, Mr. Sandip Biswas (hereinafter referred to as "Second Party", the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors-in office, administrators and assigns).

First Party and second party shall be hereinafter collectively referred to as "Parties" and individually as a "Party". The first party. i.e. Raiganj Surendranath Mahavidyalaya (RSM) is a public undergraduate college established in the year 1986, under the leadership of an Ad-hoc governing body lead by Mr. Shailendra Narayan Sen. The College has been recognized under U/S

Principal Support Support Raipan, Uttar Diretper





2(f) and 12(8) by UGC, New Delhi. The college was Accredited by NAAC with "B\*" Grade (1" Cycle in 2016).

The second party. i.e. Raiganj municipality is a government office.

### SCOPE OF THE AGREEMENT

This MOU is intended to create a synergistic alliance between Raiganj Surendranath Mahavidyalaya and Raiganj Municipality, Raiganj for managing different types of waste, including degradable, non-degradable, and chemical-biolab wastes.

1. TERM & TERMINATION AND CONSEQUENCES OF TERMINATION:

TERM:

This Agreement shall be valid for a period of ten years from the date of signature by the Parties ("Term"), unless terminated earlier by the Parties as provided hereinafter. Upon expiry of the Term, the Parties may renew the Term of the Agreement for such further period as mutually agreed to in writing by the Parties.

**Disposing Materials:** 

Dry Biodegradable wastes (Paper, canteen, and garden waste)

Non-biodegradable wastes (plastics, foils, wrappers, and thermocol sheets etc.)

TERMINATION:

The RSM and Raiganj Municipality shall be entitled to terminate this Agreement by providing a written notice of 1 months to other.

# 2. ROLES AND RESPONSIBILITIES OF RSM:

 RSM shall identify the quantum of waste to be disposed at various locations in the campus. RSM shall also coordinate the provision of a central waste and recycling contract service for use by all facilities on the campus.

ii). RSM shall store different types of solid wastes in appropriate bins installed at specific locations and monitor the periodic delivery of general waste and their recycling services upon mutually agreed schedule.

iii). RSM agrees to appoint representative to coordinate on various activities as in MoU and notify Raiganj municipality within one month of any change in the responsibility

iii). The college shall establish standard procedures for managing waste on the College campus.

iv). RSM shall ensure that no hazardous waste is disposed of through the general or waste recycling streams.

v). RSM shall encourage students to dispose of waste responsibly, through the appropriate waste disposal system, in accordance with college policy and procedures.

Princ Reigani Sumodranath i Sudernhanpur, Raiganj, Utter Dinetper





# 3. ROLES AND RESPONSIBILITIES OF RAIGANJ MUNICIPALITY

 Raiganj Municipality will make arrangements for collecting and transporting the wastes on its own along with own employees.

ii). Wastes shall be picked up and loaded in front of the authorised person from RSM on mutually agreed schedule.

### 4. MISCELLANEOUS:

Severability: Each and every obligation under this Agreement shall be treated as a separate obligation and shall be severally enforceable as such and in the event of any obligation or obligations being or becoming unenforceable in whole or in part, the Parties shall negotiate, in good faith, a valid, legal and enforceable substitute provision or provisions, which most nearly effect the intention of the Parties.

Relationship: The relationship between Parties is that of an independent contractor and neither Party hereto is an agent or partner of the other Party for any purpose whatsoever.

Assignment: Neither Party shall assign this Agreement or its rights and obligation hereunder without the prior written consent of the other Party.

Counterparts: This Agreement shall be executed in two counterparts, all of which shall constitute one and the same agreement.

5. PICK UP LOCATION:

#### Raiganj Surendranath Mahavidyalaya:

Contact Person: Principal Designation: Principal Mobile No: 9434746455 e-mail: mda\_sunam@yahoo.com Week day to pick-up: 3 days Time period: 8.00 A.M. to 11.30 A.M. The Parties agree to the terms and conditions set forth above as demonstrated by their signatures as follows:

2. NAME:.....; SIGNATURE:.....

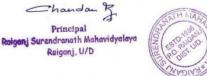
Chandan

( Dr. Chandan Roy) Principal Raiganj Surendranath Mahavidyalaya Sudarshanpur, Raiganj WB, Pin-733134 Principal

Principal Reigna Summaranti Mahavidyninya WITNESSinderskanou, Ramani, Ittar Direttar 1. NAME: Amil Shartha, ; SIGNATURE:

(Mr. Sandip Biswas) Chairman Raiganj Municipality Raiganj, Uttar Dinajpur, WB, Pin-733134 Chairperson

Board of Administrators Raiganj Municipality



Hulladek Recycling Private Limited 5, Deshpran Sashmal Road, Kolkata 700033 1800-212-7880 | | accountsiihulladek.re

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SL.No.	Item Description	SAC Code	NOU	Details	Rate	Qty	GST Rate	Amount
	aste Preparation, Consolidation and Storage Services.	999431		Agreement & Compliance fees for 3 years*Form 2 & Form 3* Annual return* Awareness Sessions & E-waste materials collection		3	18.00%	₹ 30000
	10						Gross	₹ 30000
Amount I	In Words						Add : CGST @ 9%	t 2700
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1. Payme	nd Conditions : ant by NEFT/IMPS or via Cheques only. #@18% p.a shall be charged on overd						( Control	à
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# পশ্চিমকুল पश्चिम बंगाल WEST BENGAL

# 29AA 755782

# SERVICE AGREEMENT FOR E-WASTE MANAGEMENT

The Agreement is entered into at Kolkata on this 1\* of June 2023

#### By and Between

Hulladek Recycling Private Limited, a company incorporated under the Companies Act 2013 having its registered office at 4, D.L. Khan Road, Flat No. B-401, 4\* Floor, Kolkata-700925, West Bengal, India thereinafter referred to as First Party which expression shall unless contrary to and or repugnant to the context mean and include its successors representative and permitted assigns through <u>Mr. Nandan Mall</u> to enter into and sign this Agreement for and on behall of the First Party.

#### AND

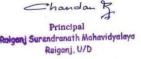
Ralgani Surendranath Mahavidyalaya is a college in Raiganj in Uttar Dinajpur district of West Bengal, India. The college is alliated to University of Gour Banga. Having its premises at <u>Sudarshanpur</u>, <u>Raigani</u>, <u>Uttar Dinajpur West Bengal 733134</u> Therein after referred to as Second Party which expression shall unless contrary to and or repugnant to the context mean and include its successors representative and permitted assigns through <u>Dr. Chandan Roy (Principal)</u> to enter into and sign this Agreement for and on behalf of the Second Party.

A.) First Party is a registered Producer Responsibility Organization (PRO) vide The Registration No. <u>B-29016(12)</u> (PRO)(18/WM-III Division dated 12.11.2018 and is authorized to undertake activities prescribed for Producer Responsibility Organizations.

B.) The Second Party in compliance of E-Waste Management Rules, 2018 & 2022 desires to have services for management of their Electronic Waste except liquid waste.



PRINCIPA n) Surendranath Ma Sudamhanpur, Raigan





वनबुधिभिद्याल म्हा म्हा <u>२१.१७</u> हाक क्रिक ना 000 जा **11**4 ...... 34-1 ..... Menuer Man স্ট্যাম্প তেন্তার - স্ত্রী অপোক মন্তল মোকাম- এ,ডি,এস,আর মাটেশ্বব, দঃ ২৪ পরগণা

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FEB 2023

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ADVOCATE C.M.M.COURT

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PRINCIPAL PRINCIPAL Reigen; Surendranath Mahevidya Sudanihangur; Reigen; UKO



Principal Principal Raiganj Surendranath Mahavidyalaya Raiganj, U/D



Now, being that, this Agreement witnesses the following terms & conditions to be performed by both the parties to the Agreement.

- The First Party has agreed to pick up, transport, carry and recycloldispose of the E-Waste from the second party as per the norms prescribed by the Government Authorities from time to time.
- The First Party has agreed to make available Utilization Certificate confirming that E-Waste provided by the Second party to the First Party has been recycled/ disposed of as per the norms prescribed by the Government Authonities within 60 days of the pick up the E-Waste.
  - a. The second party will sign required documents to acknowledge that E-Waste has been handed over to the First Party.
- This agreement will be in face for a period of <u>Three (03) years</u> (01.06.2023 - 31.05.2026) from the date of execution of this Agreement and can be renewed at the end of every period by mutual consent.
- The second party is expected to generate minimum 500 kgs of E-Waste annually during each contractual term.
- 5. The First Party shall provide compliance documents such as Form 2', 'Form 3' Query Letters from PCB or any other document required as per government norms and shall file annual return for the respective year to the state pollution control board on a chargeable basis of per location, annually as records of e-waste movement from the premises of the second party to first party as and when applicable.
- The Second Party will accumulate all E-Waste and inform to the first party once reasonable volume (approx. 300 kgs minimum) has accumulated. The pickups confirmed by the Second Party will be carried out on a priority basis within Five days from the date of request.
- 7. The Second party has agreed to handover the E-Waste items, the datails of which are mentioned here below to the first party on "as is where is basis". The first party will dispose off such equipment and specifically agreed that they will charge the second party.
- The Second party has agreed to handover the E-Waste, the details of which are mentioned here below to the first party on "as is where is basis".
  - a. The first party will dispose of such equipment and specifically agreed that they will charge the second party towards the disposal of E-Waste as shown in <u>ANNEXURE 2</u>.

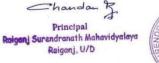


The first party will pay in case of the items in ANNEXURE 1. Any monios payable/inceivable by the First party will be identified and settled by 7<sup>th</sup> of preceding month for the current month or the subsequent month/s as may be mutually decided from time to time. Applicable GST on such items will be additional.

 The second party's responsibility will cease once electronic waste has been handed over to the First Party s per clause 3 above. Thereafter, no liability would accrue to the Second party on account of e-waste.

11. The renewal of the contract is chargeable at the and of the tenure/period and the documentation formalities shall be done by the First Party within 30-45 days prior to the PRINCIPAL date of agreement termination.

Surendranath Mahavidyalaya Judarshanpu Ralganj, U/D



- 12. Records & data of the e-waste material procured will be maintained and transparently shared by the first party.
- 13. The Second Party has agreed that the general waste such as municipal solid Waste will not be included in the E-Waste,
- 14. It is clearly agreed that all the E-weste procured by or in the possession of the second party will be exclusively managed by the first party as per the terms and conditions specified above
- 15. The First Party shall conduct an '<u>Awareness Session</u>' at the premises of the 'Second Party' for generating awareness about the benefits and process of e-waste recycling.
  - a. <u>The second party then shall prepare and share with first party an Awareness</u> report to be submitted the West Bengal pollution control board.
- 16. Either party can terminate this Agreement by giving 45 days written notice in advance to the other party citing reasonable grounds for such action. However, the other party is not entitled to claim any compensation for such premature termination if with reasonable
- sufficient grounds.
   17. <u>Payment Terms</u>: Payment Shall be made after 1 year of service assessment by the first party. Payment shall be made full amount before 30<sup>th</sup> June 2024.

"First Party"

M/s. Hulladek Recycling Private Limited

Authorized Signatory

(Mr. Nandan Mail)

Witness: -" Bharkar Adak

"Second Party"

Raigani Surendranath Mahavidyalaya

Chandan & PRINCIPAL Surendranath Mahavidyalaya Raig udarshanpur, Raigani, U/D Authorized Signatory Dr Chandan Roy (Principa)

Witness: -

1)



Principal