

<p>Criteria 7.1.2. :</p>	<p>The Institution has facilities and initiatives for</p> <ol style="list-style-type: none"> 1. Alternate sources of energy and energy conservation measures 2. Management of the various types of degradable and non degradable waste 3. Water conservation 4. Green campus initiatives 5. Disabled-friendly, barrier free environment
<p>DVV Finding</p>	<p>Kindly share document contains links to the institution's policy documents, geo-tagged photos and videos of facilities with captions, purchase bills for equipment used in these facilities, and images of ramps, rails, lifts, wheelchairs, signage boards, toilets, software, and more. In case if documents are in regional language please provide translated copy in English. Google drive links are not accepted.</p>
<p>Response/ Clarification</p>	<p>1- the institution's policy documents, geo-tagged photos.(Appendix-I) 2- images of ramps, rails, lifts, wheelchairs, signage boards, toilets, software.(Appendix-II)</p>



Cr-7 Coordinator



IQAC Coordinator

Principal
SRI KRISHNA DUTT ACADEMY
2D/HS-1, Vrindavan Yojna
Raibareilly Road, Lucknow

Principal

APPENDIX – I



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Raibareilly Road, Lucknow



Clean and Green Campus Policy Document

The Clean and Green Campus Policy

The Green Campus Policy of the college envisions a Clean and Green Campus where environmentally friendly practices and education combine to promote sustainable and eco- friendly practices in the campus and beyond the campus. It also offers the institution an opportunity to take the lead in redefining its environmental culture through instilling environmental ethics among the students and staff.

Mission

To create environmental consciousness among the society and actively involve in the activities to protect the planet earth from the unscrupulous human invasions for a sustainable, pollution-free and healthy life ahead. The green campus concept offers an institution an opportunity to take the lead in redefining its environmental culture and protect the ecosystem. The Green Campus and Environment Policy will develop exciting new co-curricular and extracurricular practices that encourage students and staff to take the lead in creating positive change. Bharati Vidyapeeth's College of Engineering, Kolhapur is conscious about environment conservation with its green campus initiatives and maintains pollution free and clean campus. Main focus areas for Green Campus Policy are:

1. Landscaping Initiatives with trees and plants
2. Clean campus Initiatives
3. Clean Air Initiatives
4. Infrastructure
 - ❖ Grid connected PV Solar System for the campus
 - ❖ Installation of Energy efficient equipment
 - ❖ Water Conservation through Rain Water Harvesting System
 - ❖ Electric vehicle charging station
5. Waste Management processes
6. Liquid waste Management
7. Solid waste management
8. E-waste management



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9. Environment Centric Awareness Activities
10. Green Audit
11. Energy Audit

Objectives

- To sensitize the students and the staff to minimize the use of polluting products and use environment-friendly products and services.
- To instill the importance of cleanliness for a healthy life
- To Create awareness about environmental issues by organizing Events, Rallies, Awareness Campaigns, Cleanliness Drives, Seminars, Workshops, presentations, Tree Plantation Drives, Rangoli Competitions, Essay Competitions, Excursions, Study Tours, Guest Lectures, Talks, etc.
- To make students and staff aware about raising voice against the hazardous practices destroying Nature and promote environment friendly practices among the society.

Initiatives Taken to Implement the Clean and Green Campus Policy

The Institution is committed to managing its campus in accordance with its Clean and Green Campus Policy by establishing the following infrastructure and carrying out the following activities:

- **Landscaping with Trees and Plants**
- **Ban on Single-Use Plastic**
- **Observance of Green Thursday to Restrict the Use of Petrol/Diesel Vehicles**
- **Use of LED Bulbs/Tubes and Power Efficient Equipment**
- **Rainwater Harvesting**
- **Paperless Office and Communication**
- **Solid Waste Management**
- **Laboratory liquid waste management system through percolation system: -**
- **Water Management**
- **E-waste Management**
- **Display Boards to Promote Environmental Sensibility on College Campus**
- **Installation of Incinerator in the Girls' Common Room**
- **Observance of Days to protect and Nurture Environment**



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• **The Green, Environmental and Energy Audit**

• **Dedicated Section for the Environment Consciousness in a creative Wall Magazine**

Landscaping with Trees and Plants

As per the Clean and Green Policy of the Sri Krishna Dutt Academy, the college strives to plant various types of ornamental and medicinal variety, wild plant species of trees in large numbers within and outside the campus. Gardeners and full-time adequate support staff have been appointed for the maintenance of gardens and keeping the campus litter-free, clean and Green Campus. The College Garden, Medico-Botanical Park, Green House and the Vermicompost Unit are looked after and maintained by the Department of Botany.

The tree-plantation drives are undertaken by the Eco Club of the college and also by the Departments of Botany, Zoology and the Chemistry on regular basis generally in the month of July every year.

Ban on Single-Use Plastic

The campus of Shri Shivaji Science College, Amravati is a plastic-free campus where there is a complete ban on single-use plastics in classrooms, laboratories, canteen and in the other premises. The college facilitates environment friendly substitutes like stainless steel, washable and reusable tumblers at all water units and mandates the canteen to serve only in stainless steel or paper plates/glasses/cups to systematically ban the use of plastics on the campus.

Rainwater Harvesting

The college ensures rain-water conservation through rainwater harvesting. The rain water from the roof top outlets is collected through the well-connected pipelines to the wells or is collected in the large water harvesting tanks and the overflowing rain-water from these tanks is discharged in the soak-pits for ground water recharge. Rain water collected in the tank is supplied to the plants in the Garden of the college.

The overflowing rain water from these tanks is carried to the soak pit for ground water recharge.

Excess Water in the Water Harvesting Water Collection Tanks is discharged in the Pit for Groundwater Recharge.



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Paperless Office and Communication: -

The college has a policy to minimize the use of paper in all types of official/academic communication of the college through E- Communication. **The use of paper is substantially reduced through digitization. One-side blank pages are used to avoid wastage of paper.** All the college staff have been provided the college E-mail IDs and through which they make all the required official and college-related communication. What's app - Class-wise groups, Department wise groups, Committee wise groups have been formed which have reduced the usage of paper in notices and circulars. Moreover, the college has avoided massive usage of paper by introducing the

"Learning Management System" wherein references, notes, syllabi, question banks, study material are stored and shared on the e-platform.

This practice has proved highly beneficial to save money, boost productivity, save space, make documentation and information sharing easier, and help the environment.

Solid waste Management

The Solid waste generated in the campus is segregated as bio degradable and non-degradable and handed over to Municipal Corporation as a part of Swachh Bharat Abhiyan. All the Departments, laboratories, and Classrooms are provided with dustbins for dry wastage disposal. Segregation of the waste into dry and wet waste is done through the separately allotted dustbins at strategic locations in the college.

Vermicompost Unit

Vermicompost Unit is established in the college campus. The students of the department actively involve themselves to run this unit. The organic waste material is collected from the college campus by the students to deposit it in the special vermicompost tank. Using cow dung, Earthworms the soil mixture is made with appropriate proportions. First flush of pure, odorless and granular, soft vermicompost is obtained. Vermiwash, a liquid can be obtained from the tank by pipe in case of excessive water. This extension activity of the Botany Department promotes Vermicomposting awareness among the students and the farmers for eco-friendly organic farming.

Apart from the organic waste in the college campus, the raw material for the tank is provided by the mandir situated in college campus as pooja Material like the garlands, flowers, bouquets, etc., during the festivals like Ganeshotsav and Durga pooja and use it for vermicomposting.



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Water Management

The water for all other purposes is supplied through another set of distribution pipes. The ground water from the wells is pumped into the storage tanks / elevated service reservoirs located at different places in the campus. The water is distributed through well-laid pipe network.

Entire distribution system is well supervised by the college administration to ensure that there are no leakages and wastages of water through Leakages in the pipelines and the water-taps etc. Regular cleaning of the water tanks is regulated by the administrative staff of the college. All the stakeholders of the college are well-educated to use water economically and efficiently

Rainwater from the different college buildings is taken to the wells for ground-water recharge. A proper care is also taken to keep the Rooftops cleaned so that unnecessary garbage does not mix with the rainwater leading towards the well. The inlets of these tanks is controlled by the ball-valves to avoid water overflows.

E-waste Management

E- waste management by the Eco club and other small devices/parts of non-repairable equipment's are used to fabricate new experimental kits / power supplies. This is one of the best practices of our college.

The department has started reusing the electronic components from the discarded instruments, PCs, UPS, etc. such as transformers, transistors, ICs, Capacitors, Inductors,

Resistors, Connectors, Sockets, Switches, Wires, LEDs and other electronic or electrical devices to fabricate the instruments and experimental kits that are used in the Laboratory.

The students and faculty have also involved in the maintenance and repairs of the instruments and experimental kits, which led to increase their life and the optimum uses. This have not only become a step towards the E-waste management but also cultivated innovative ideas among the students and the faculty. The students have also gained many skills through these activities.

Display Boards to Promote Environmental Sensibility on College Campus

Various boards including Quotes that promote environmental awareness and ethics including air-pollution control, plastic-free campus, conservation of energy, recycling of resources, tree plantation, Nature conservation, etc. are displayed for all the stakeholders of the college.

Installation of Incinerator in the Girls' Common Room

The college has installed an Incinerator for the disposal of sanitary pads in the Girls' Common Room as a step towards eco-friendly disposal mechanisms.

Observance of Days to Protect and Nurture Environment

The organization of various events like Rallies, Awareness Campaigns, Cleanliness Drives, Seminars, Conferences, Workshops, presentations, Tree Plantation Drives, Rangoli Competitions, Essay Competitions, Excursions, Study Tours, Guest Lectures, Talks, etc. on the occasion of various days like- 'International Day for the Preservation of the Ozone Layer' (16 September), 'World Environment Day' (05 June), 'International Tiger Day' (29 July), 'Wildlife Week' (02 to 08 October), 'World Biodiversity Day' (22 May), 'World Wetland Day' (02 February), 'World Water Day' (22 March), 'World Sparrow Day' (20 March), 'Great Backyard Bird Count (GBBC)' (14 February), Mahatma Gandhi Jayanti (02 October), 'Army Day' (15 January) 'Bird Week' in first week of November, etc. ensures to create awareness among young students and public about various environment related problems and conservation of Nature and natural resources in the surrounding area and educating on how to live a Eco- friendly life.



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The Green, Environmental and Energy Audit

The Green, Environmental and Energy Audit of the college is done. The initiative regarding this is taken by the Eco club of the college.



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SRI KRISHNA DUTT ACADEMY

Recognized by NCTE & Affiliated to University of Lucknow

2D/HS-1, Vrindavan Yojna, Raibareilly Road, Lucknow, Ph. : 2443963, 7080111596

Policy Document on Environment and Energy Usage

Overview:

The Sri Krishna Dutt Academy is dedicated to maintain, and wherever possible, improve the quality of its environment. It's for both, the people who live and work in the college and for wider community.

Philosophy:

The college remains committed to high standards of environmental protection and leadership as reflected in a range of its activities including teaching, research and community services.

Objectives:

Environment policy of Sri Krishna Dutt Academy seeks to make the most adequate and efficient use of all college resource, to conduct all academic and extracurricular activities as well as services within the campus and is designated areas outside the campus, so as to minimize any adverse impact and to comply with relevant legislations. Sri Krishna Dutt Academy regularly undertakes Quality audits on environment and energy. The institutional confirms its commitment to environment and energy initiatives through the following practices:

1. Green audit / Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion activities



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1. Green Audit/Environment Audit

The college conducts Green/Environment Audits annually to assess our strengths and weaknesses to further our goals of long-term sustainability. A green audit is a useful tool to determine how and where most energy or water or resources are being used. The college can then consider how to implement changes and make savings. It can determine the type and volume of waste. Recycling projects or waste minimization plans can be adopted. It will

create health consciousness and promote environmental values and ethics. It provides a better understanding of the impact of eco-friendly practices on campus. Green auditing will promote financial savings through the reduction of resource use. It is imperative that the college evaluates its own contributions toward a sustainable future. The internal audits are conducted by the faculty members of the Eco Club of the college. The college also invites an ISO-certified external auditing agency to conduct our annual Green/Environment audits.

2. Energy Audit

Recognizing the importance of assessing our energy usage, an Energy Audit is to be conducted annually. The importance of reducing energy consumption cannot be undermined. The college is committed to further reduce its carbon footprint. The energy audit, with its specialized tools, will identify wastage of energy. Such an inspection may reveal flaws which cause a loss of significant amounts of energy. These flaws often have easy and affordable solutions and provide significant savings. The college invites an ISO-certified external agency to conduct the energy audit. The college takes into cognizance the comments and implements the recommendations of the auditing agency to reduce energy consumption.

3. Clean and Green Campus initiatives


Awareness

The college takes initiatives to generate mass awareness of cleanliness and hygiene among the students and staff members by holding regular cleanliness drives. The college displays environmental policies on campus. The college organizes various events in collaboration with NGOs to ensure a clean and eco-friendly environment on campus.

Environment-Centric Student Societies/Clubs and Departmental Activities

The college has an Eco Club that organizes numerous events to spread awareness about the environment. It is the responsibility of Eco Club to sensitize students about environmental issues and ensures students' participation in various activities and outreach programs. Eco Club plays an instrumental role in conducting Audits, participating in the programs organized by the college.




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Moving towards Plastic Free Campus

The College has been observing most of its duties in terms of solid waste management since its inception. In view of the Government of India's resolution to ban all single use plastics due to the hazardous impact of plastic use and pollution, the college administration strictly bans the use of single use plastics in its premise to make it "Plastic Free Campus".


4. Beyond Campus Environmental Promotion Activities

The Eco club organizes numerous events to spread awareness among the surrounding community about the Environment. They conduct tree plantation drives in various parts of the city. The Eco club of the college also sensitizes students

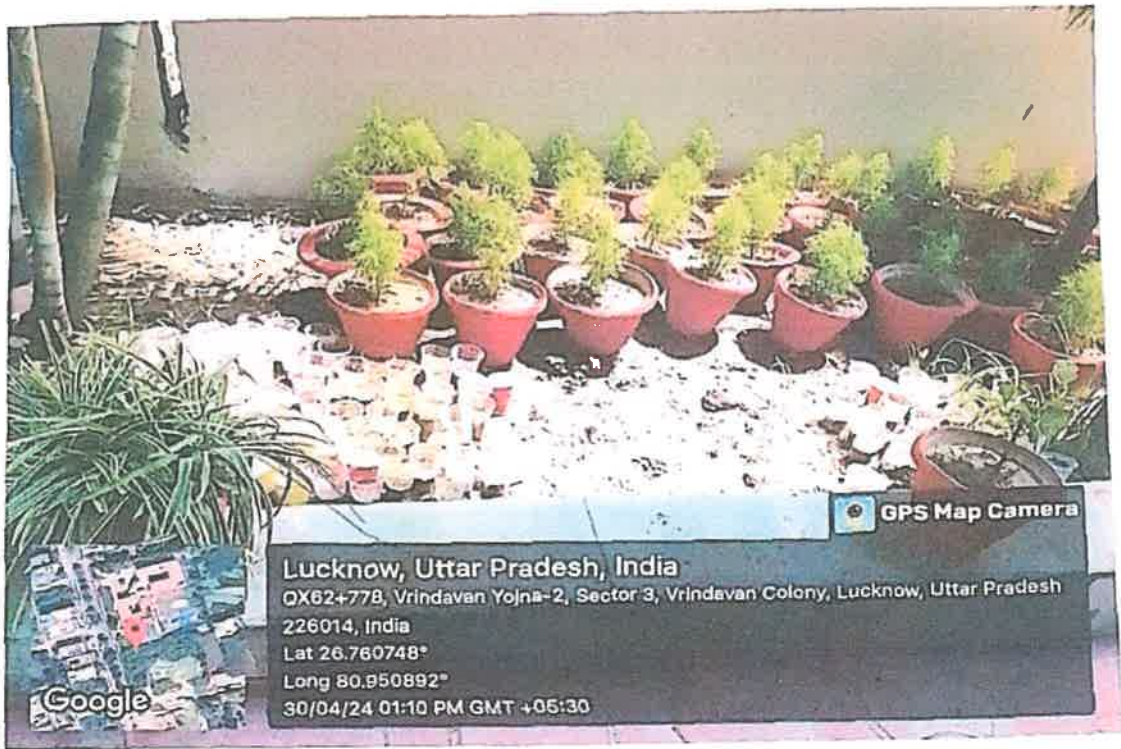
about environmental issues and ensures students' participation in various activities and outreach programs. The college aligns with the global vision of Enactus to create a better and a more sustainable world.

The college recognizes its responsibility towards protecting and conserving environment. It works in this direction by taking necessary infrastructural initiatives as well as spreading awareness and increasing environment-consciousness among people not only on campus but also beyond.




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GEO-TAGGED PHOTOGRAPHS OF FACILITIES



GREEN LIBRARY



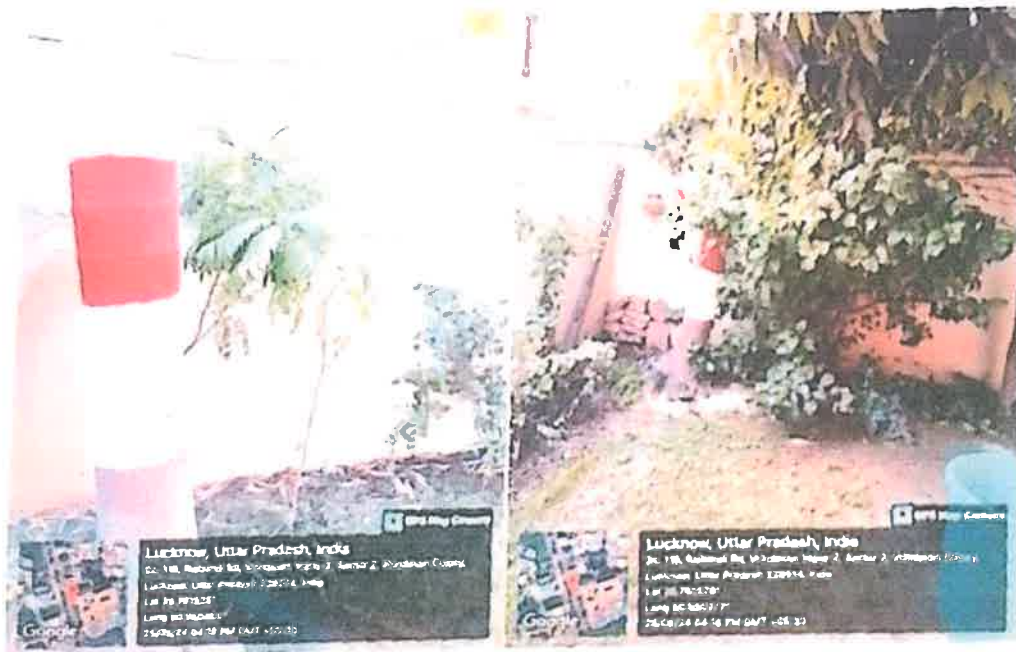
SWACCIITA PAKHWADA IN COLLEGE CAMPUS



[Handwritten Signature]
Principal
SRI KRISHNA DUTT ACADEMY
2D/HS-1, Vrindavan Yojna
Raibareilly Road, Lucknow



Plantation Drive Inside and Outside the Campus



Meethi Neem

Gudhal



[Handwritten Signature]
Principal
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2D/HS-1, Vrindavan Yojna
Raibareilly Road, Lucknow.



Mehndi

Nephrolepis



Cycas

Tulsi



ASD
 Principal
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 Raibareilly Road, Lucknow



Jatropa

Gurmar



Sudarshan

Thuja



Principal
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 2D/HS-1, Vrindavan Yojna
 Raibareilly Road, Lucknow



Amla

Kaner

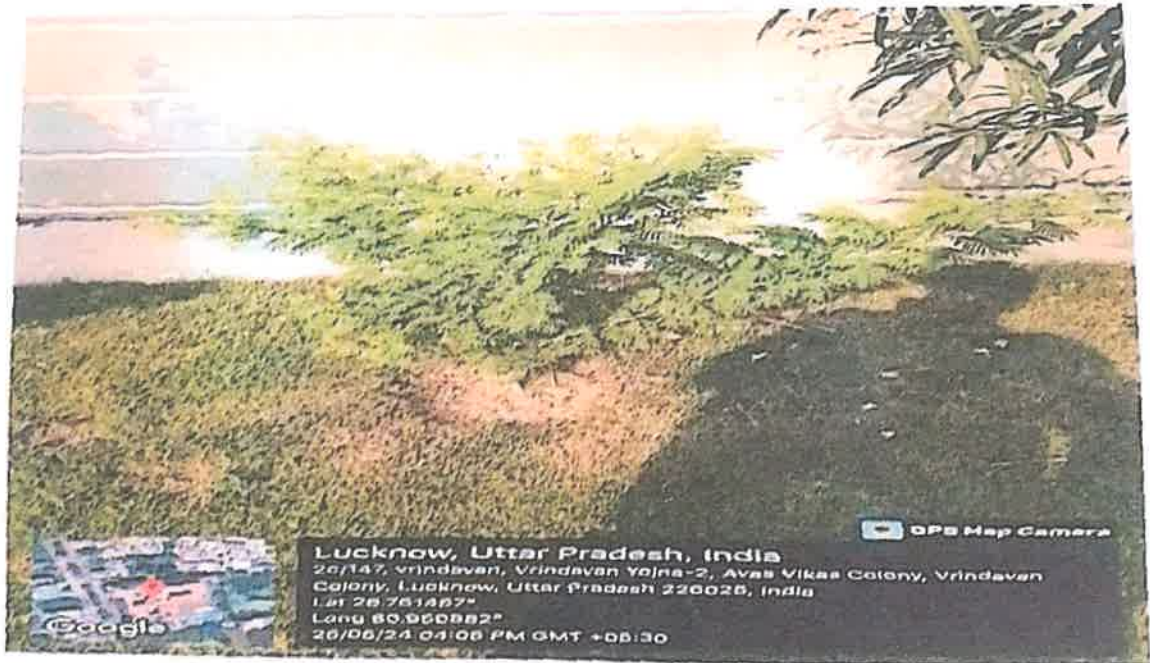


Principal
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 2D/HS-1, Vrindavan Yojna
 Raibareilly Road, Lucknow



Amla

Kaner



Shami



Principal
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 Raibareilly Road, Lucknow




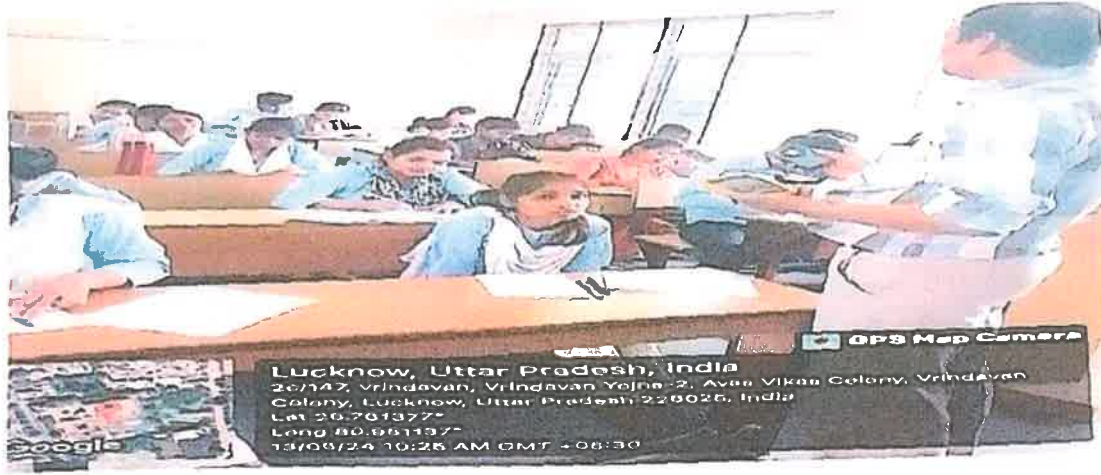
5KW on GRIDTIE SOLAR SYSTEM



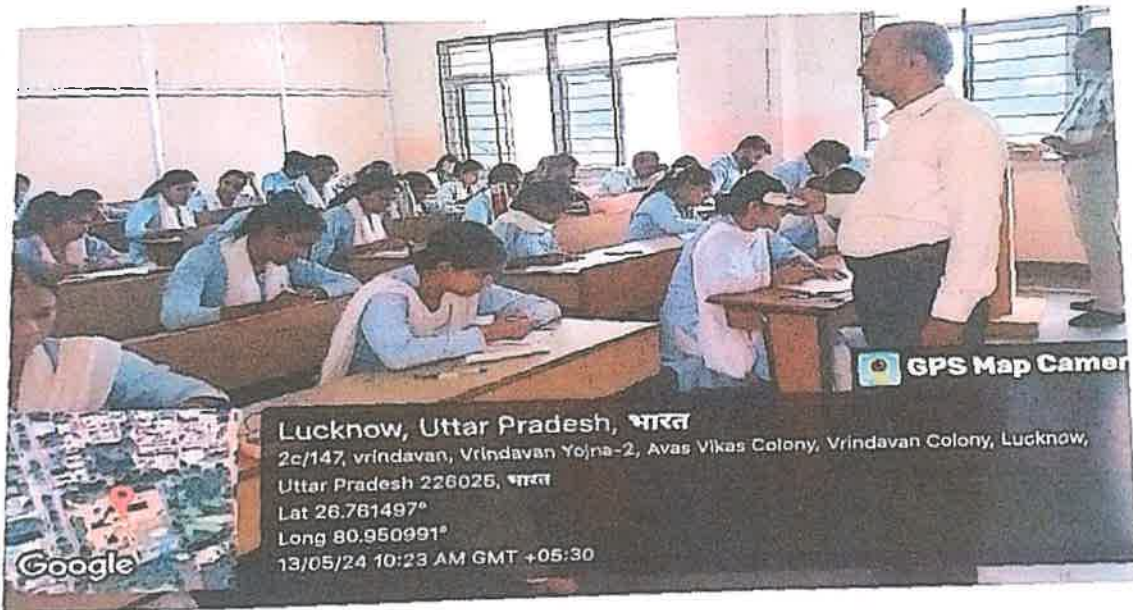
Air Monitoring Apparatus




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Illumination Monitoring at Campus



Noise Monitoring at Campus





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Raibareilly Road, Lucknow



WATER MONITORING APPARATUS




Principal
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2D/HS-1, Vrindavan Yojna,
Raibareilly Road, Lucknow



 **GPS Map Camera**

Lucknow, Uttar Pradesh, India
2c/147, Vrindavan, Vrindavan Yojna-2, Avas Vikas Colony, Vrindavan Colony, Lucknow, Uttar Pradesh 226025, India
Lat 26.76152°
Long 80.951016°
29/05/24 10:59 AM GMT +05:30



 **GPS Map Camera**

Lucknow, Uttar Pradesh, India
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Lat 26.761728°
Long 80.951318°
30/04/24 01:24 PM GMT +05:30



RO SYSTEM INSTALLED IN CAMPUS



[Handwritten Signature]
Principal
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REUSE OF RO WASTE WATER SYSTEM



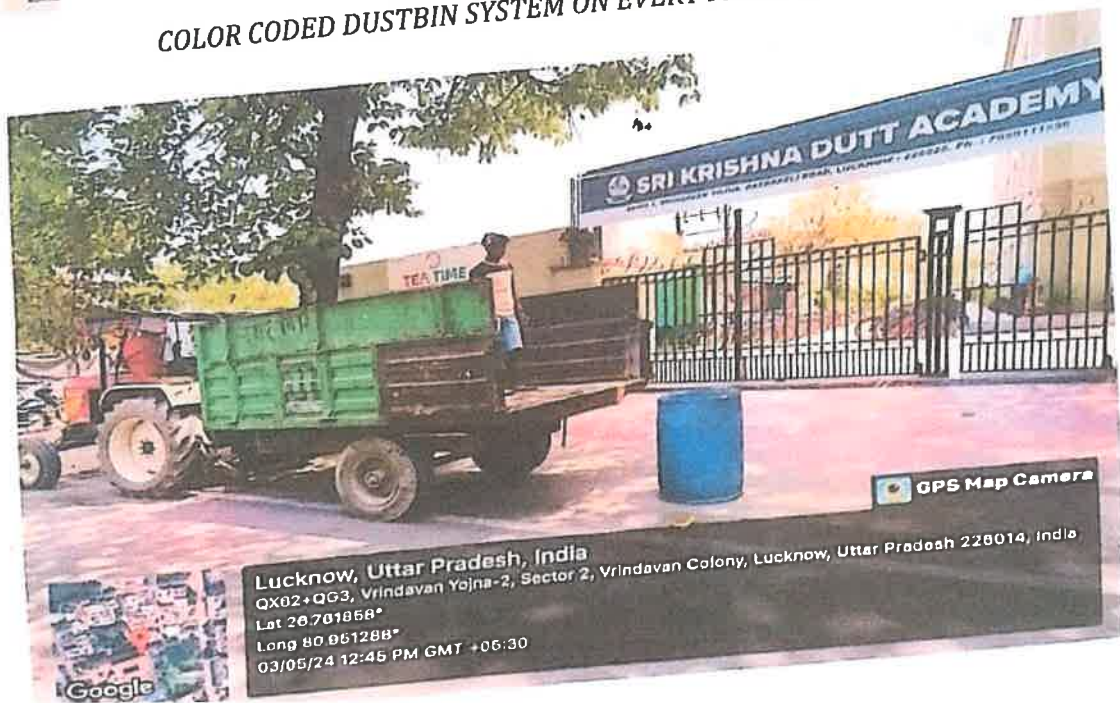
VERMICOMPOSTING PIT



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Raibareilly Road, Lucknow



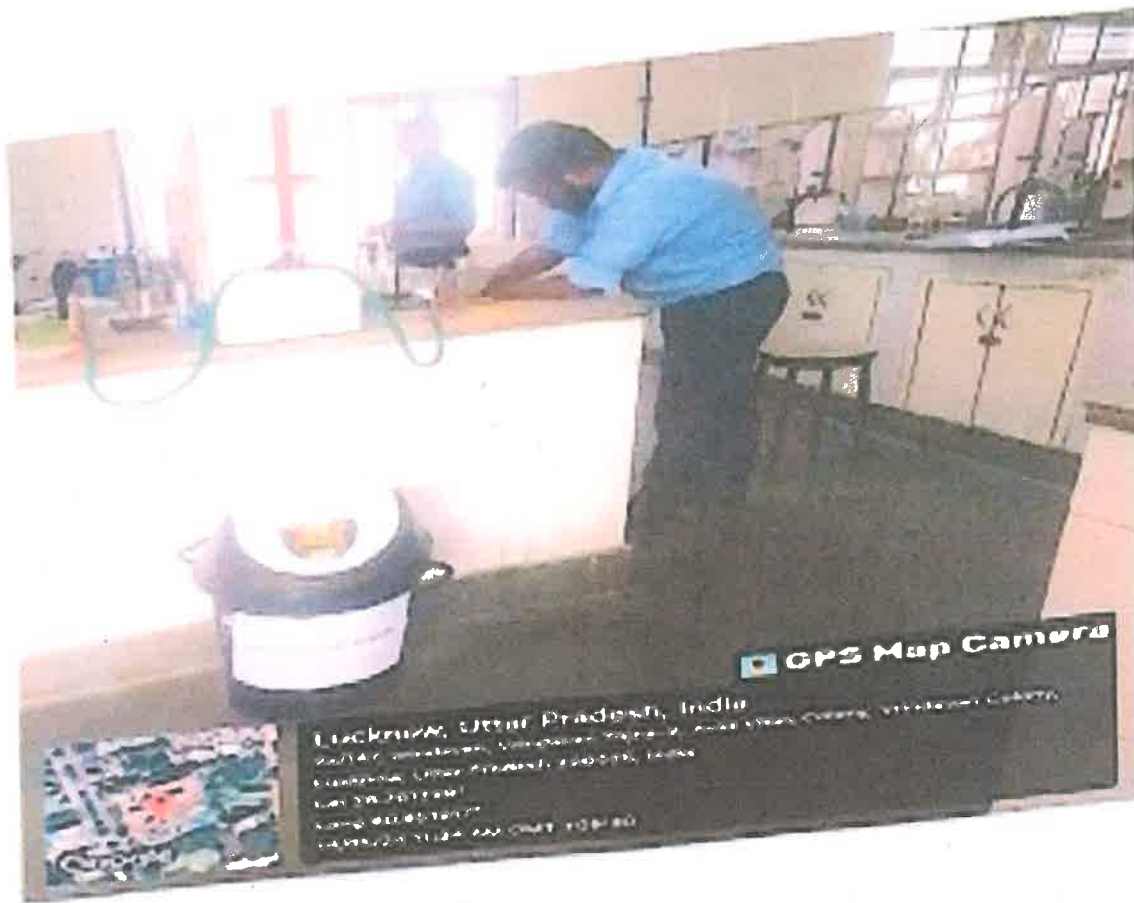
COLOR CODED DUSTBIN SYSTEM ON EVERY FLOOR OF CAMPUS



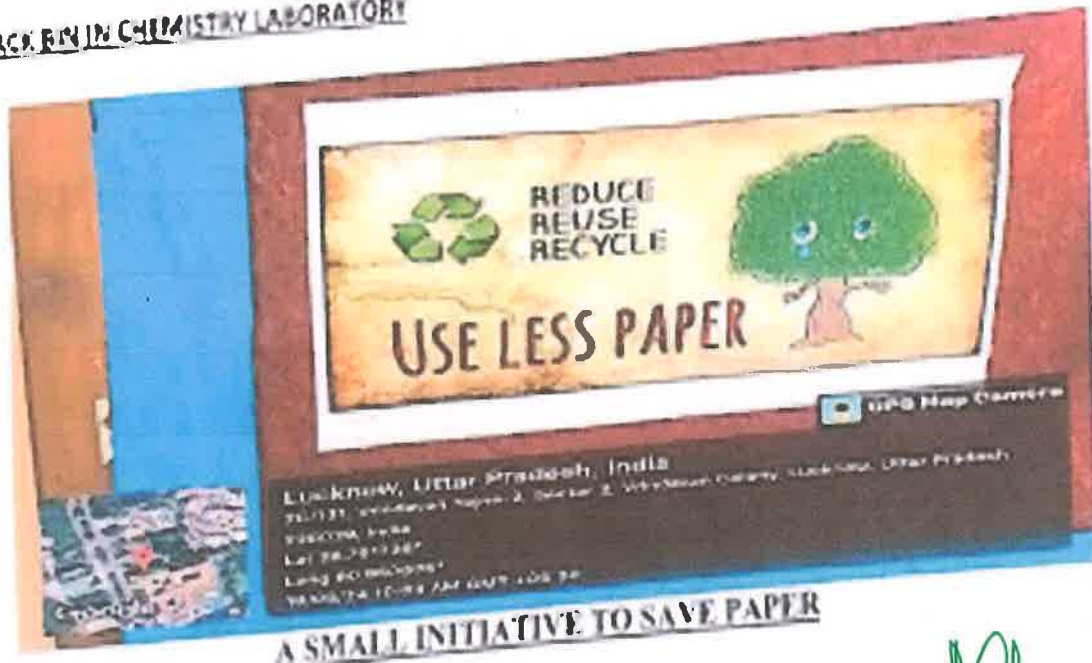
REGULAREGULAR MUNCIPAL WASTE COLLECTION



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 Raibareilly Road, Lucknow



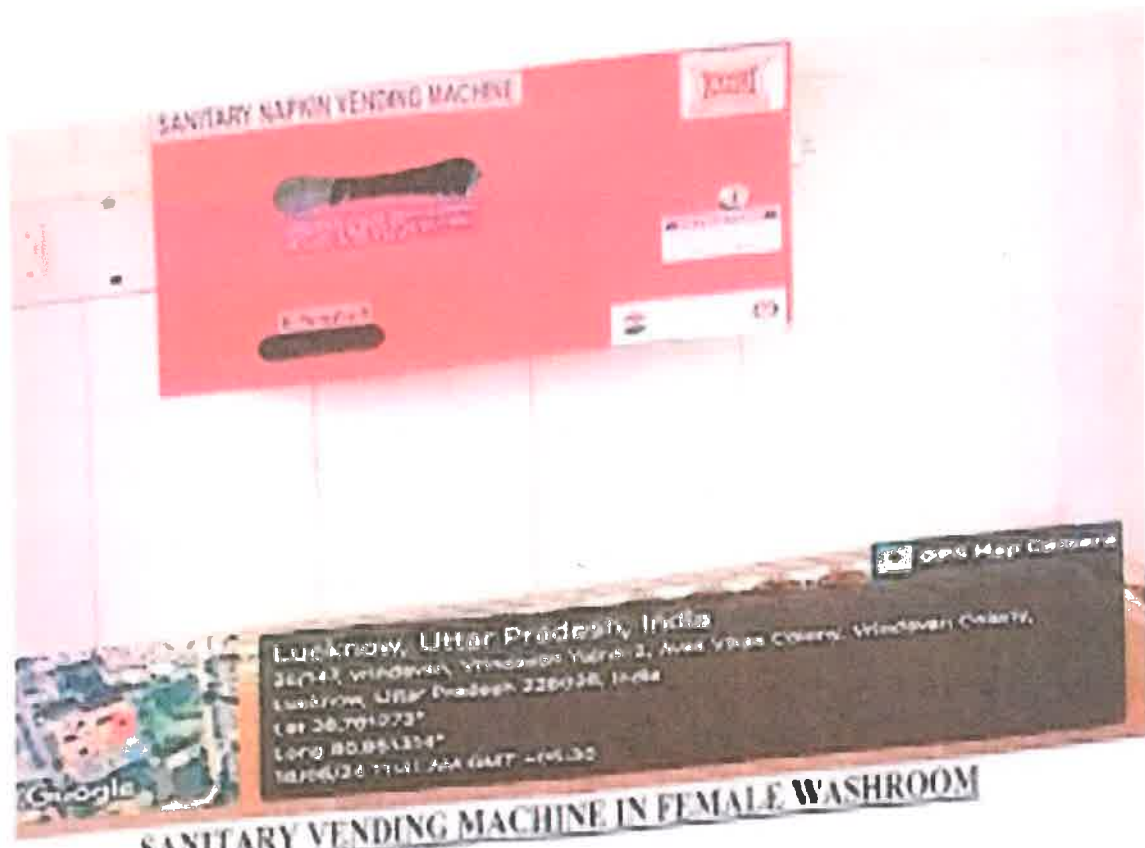
BLACK BIN IN CHEMISTRY LABORATORY



A SMALL INITIATIVE TO SAVE PAPER



Principal
 SRI KRISHNA DUTT ACADEMY
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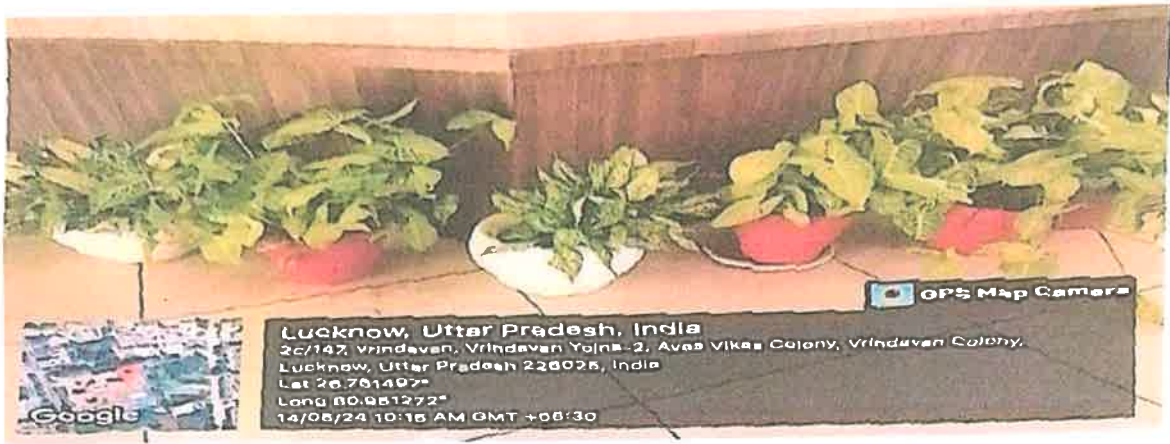
SANITARY VENDING MACHINE IN FEMALE WASHROOM



SANITARY NAPKINS INCINERATORS



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INDOOR PLANTATION



RO WATER SYSTEM



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REUSE OF RO WASTE WATER SYSTEM



REUSE OF RO WASTE WATER SYSTEM FOR GARDENING



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WATER BORING UNIT



ARRANGEMENT OF AWARENESS LECTURE



HERBAL GARDEN



Principal
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 2D/HS-1, Vrindavan Yo.,
 Raibareilly Road, Lucknow

HERBAL GARDENS



GPS Map Camera



Lucknow, Uttar Pradesh, India
20747, Vrindavan, Vrindavan Yojna-2, Area Yojna Colony, Vrindavan Colony, Lucknow, Uttar
Pradesh 226026, India
Lat 26.781483°
Long 83.351002°
29/05/24 10:35 AM GMT +05:30

NO PLASTIC ZONE



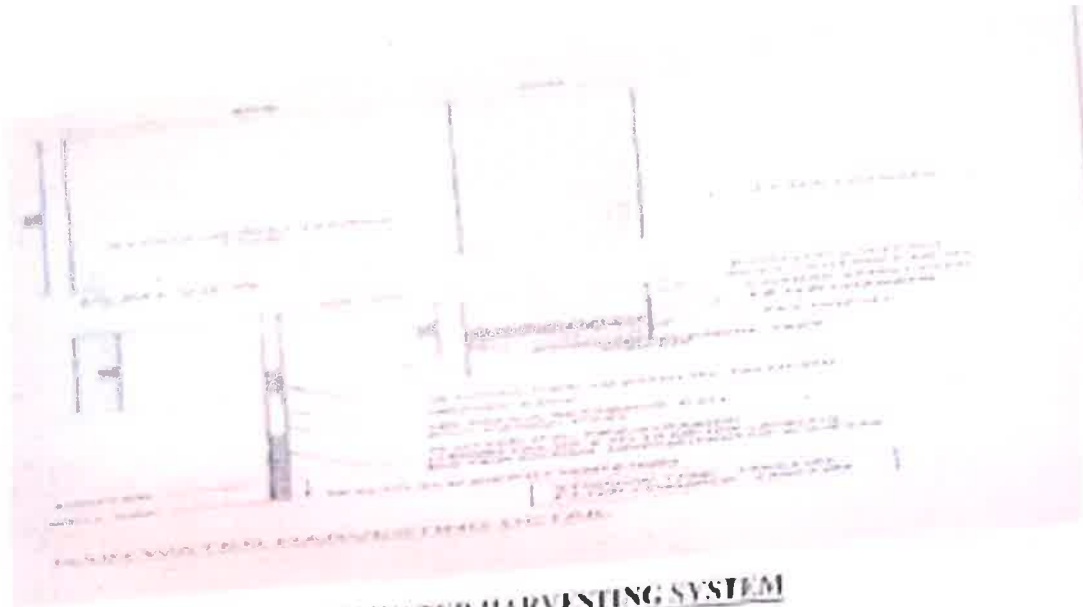
GPS Map Camera

Lucknow, Uttar Pradesh, India
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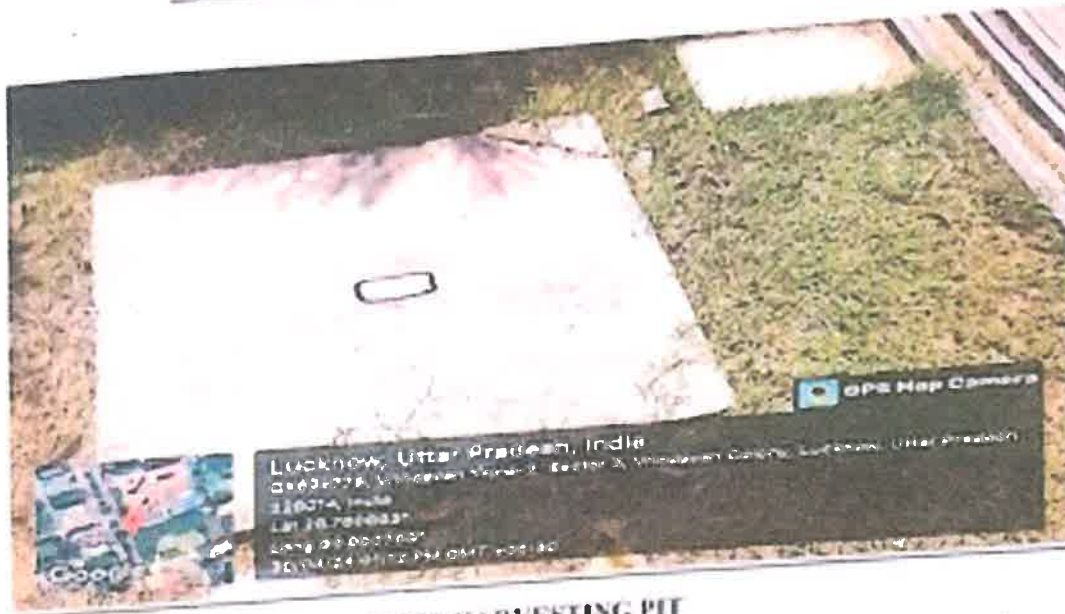
WATER LEVEL CONTROLLER & ALARMING SYSTEM



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SRI KRISHNA DUTT ACADEMY
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Raibareilly Road, Lucknow



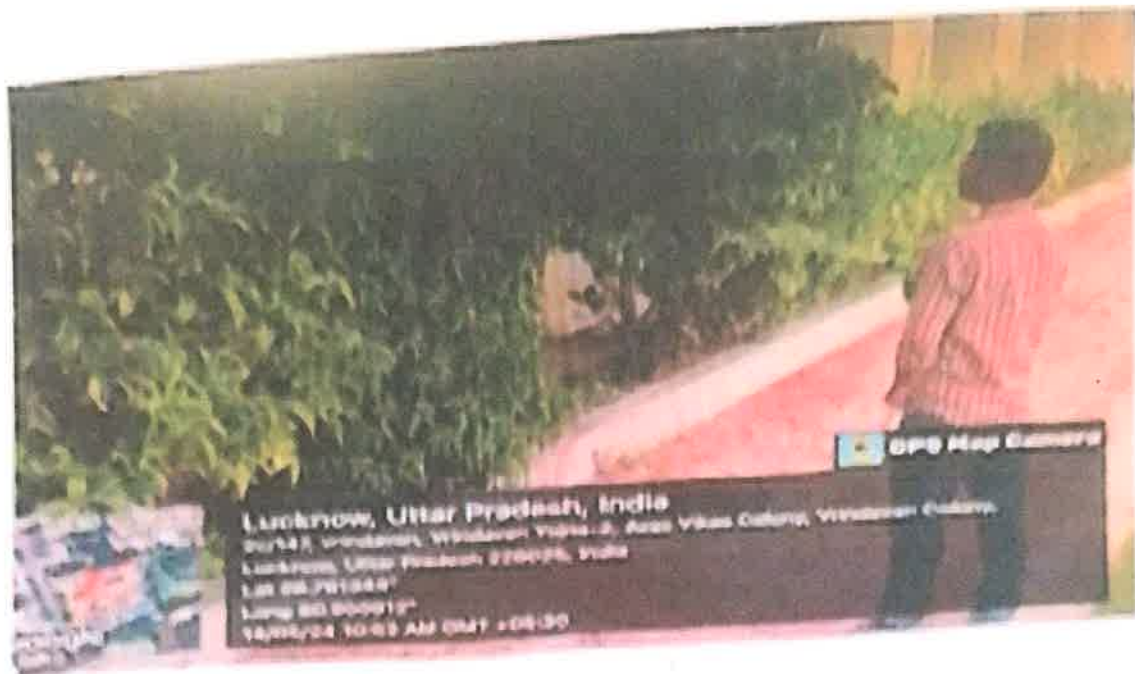
MAP OF RAIN WATER HARVESTING SYSTEM



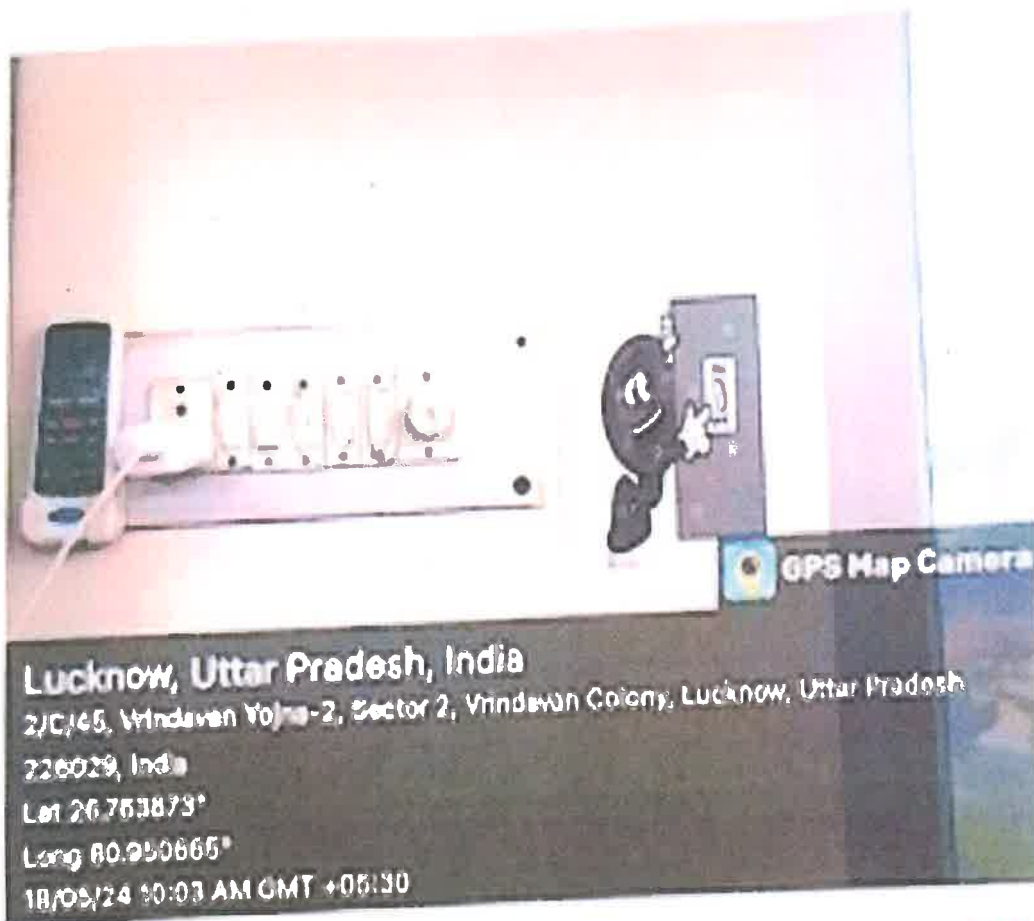
RAIN WATER HARVESTING PIT



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SPRINKLER IRRIGATION METHOD



A STEP TO SAVE ENERGY




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 Raibareilly Road, Lucknow



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Lucknow, Uttar Pradesh, India
 201107, Vrindavan, Vrindavan Yojna-2, Area 13/100 Colony, Vrindavan Colony, Lucknow, Uttar
 Pradesh 226029, India
 Lat 26.781418°
 Long 80.337992°
 28/05/24 11:04 AM GMT +05:30

INITIATIVE TO SAVE PAPER

GPS Map Camera

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 201107, Vrindavan, Vrindavan Yojna-2, Area 13/100 Colony, Vrindavan Colony,
 Lucknow, Uttar Pradesh 226029, India
 Lat 26.781418°
 Long 80.337992°
 28/05/24 12:04 AM GMT +05:30

E-WASTE COLLECTION ROOM



[Signature]
 Principal
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E-WASTE COLLECTION ROOM



Principal

Principal
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APPENDIX – II




Principal
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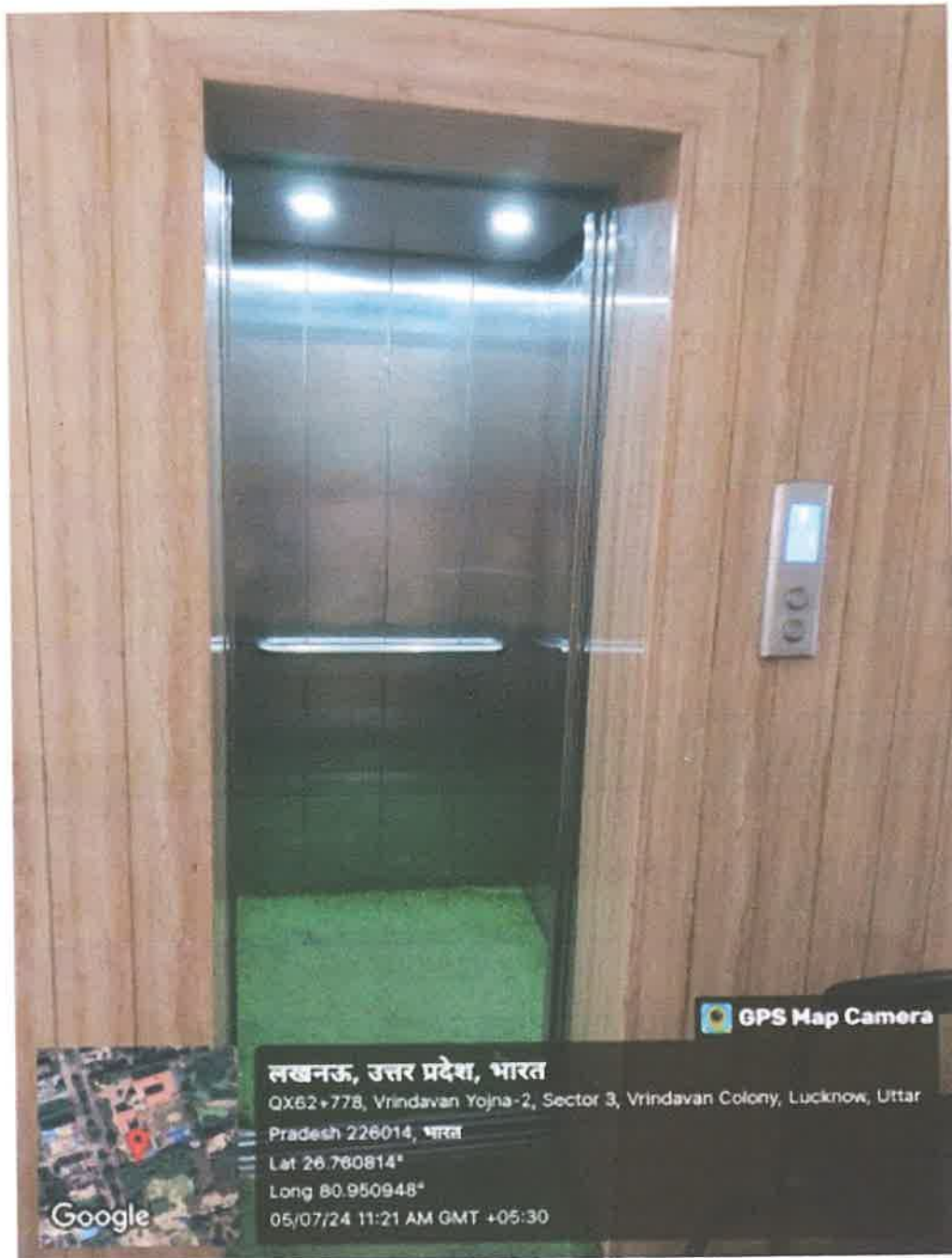
RAMP FOR DISABLED PERSONS



Washroom for disabled persons



[Handwritten Signature]
 Principal
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 Raibareilly Road, Lucknow



Lift for disabled person



[Signature]
Principal
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