



SRI KRISHNA DUTT ACADEMY

Recognized by NCTE & Affiliated to University of Lucknow

NAAC –SSR CYCLE-I

7.1 Institutional Values and Social Responsibilities

7.1.2 Institution Facilities and Initiatives



SRI KRISHNA DUTT ACADEMY

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2D/HS-1, Vrindavan Yojna, Raibareilly Road, Lucknow, Ph. : 2443963, 7080111590

Alternate Sources of Energy and Energy Conservation Measures

It may include a process or system to reduce the amount of energy input into the system without negatively affecting the output. It may include:

- Verify the steps adopted for energy management in the campus
- Spot the inefficient or inadequate practices, if any
- Improve the energy preserving measures and methods
- Identify potential energy saving opportunities
- Formulate feasible steps and measures to be adopted in the campus
- Use of solar panel as alternate source of energy

It estimates energy savings and cost, and accounts for the energy use of all major equipment. Sri Krishna Dutt Academy is located in district Lucknow of Uttar Pradesh, consumes on an average 80,000kW of electricity throughout the year. The authority keeps on replacing the old filament bulbs, CFL bulbs and tube lights by low energy consuming LED bulbs and LED tubes and bulky high-power consuming fans by energy efficient fans in order to keep the electricity consumption of the university as low as possible.



5KW on GRIDTIE SOLAR SYSTEM

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



TAX INVOICE

M/S SUPERTEKS ENTERPRISE(22-23) - (From 1-Apr-2023)
 Goudwara Road, Maki Hindola
 Old- MRF Tyre Showroom
 Lucknow
 GSTIN(LN) 09AEPFDK214F2ZG
 State Name Uttar Pradesh Code 09
 Contact 9839914843
 E-Mail mukeshgupta5046@gmail.com
 Consignee (Ship to)
Sri Krishna Dutt Academy
 2d/hs-1 Vrindavan Raibareilly Road Lko
 State Name Uttar Pradesh Code 09
 Buyer (Bill to)
Sri Krishna Dutt Academy
 2d/hs-1 Vrindavan Raibareilly Road Lko
 State Name Uttar Pradesh Code 09
 Place of Supply Uttar Pradesh

Invoice No. **1958** Invoice Dt. **10-JUN-24**
 Delivery Note
 Reference No. & Date
 Buyer Order No.
 Dispatch Order No.
 Dispatched through
 Terms of Delivery

Sl	Description of Goods	HSN/SAC	Tax	Quantity	Unit	Price	Rate	Amount	Amount
			Rate			(incl. of Tax)			
1	Lum S Grid Tie Saw/tp Nxl 150 V3	85044090	12%	1.00	pcs	55,278.00	49,355.36	55,278.00	49,355.36
2	Solar Pv Mod Pe-540HM DCR 144 31 HYD	85414300	12%	9.00	pcs	23,000.00	20,535.71	23,000.00	20,535.71
3	Solar Panel Mousting Structure	73089530	18%	9.00	pcs	4,191.35	3,552.00	4,191.35	3,552.00
									2,66,144.75
									18,927.72
									18,927.72
									(-10.19)
Total									3,00,000.00

Amount Chargeable (In words)
Rupees Three Lakh Only

HSN/SAC	Taxable Value	Rate	CGST Amount	SGST/UTGST Rate	Amount	Total Tax Amount
85044090	49,355.36	6%	2,961.32	6%	2,961.32	5,922.64
85414300	1,84,821.30	6%	11,089.28	6%	11,089.28	22,178.56
73089530	31,868.00	9%	2,877.12	9%	2,877.12	5,754.24
Total	2,66,144.75		18,927.72		18,927.72	37,855.44

Tax Amount (in words) **Rupees Thirty Three Thousand Eight Hundred Fifty Five and Forty Four paise Only**

Declaration
 We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.
 Customer's Sign and Signature

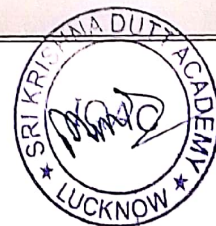
Company's Bank Details
 A/c Holder's Name **M/S SUPERTEKS ENTERPRISE**
 Bank Name **BANK OF BARODA (0839)**
 A/c No. **1531020600639**
 Branch & IFS Code **CHARBAGH LUCKNOW & BARBOCHARBA**
 for M/S SUPERTEKS ENTERPRISE(22-23) - (From 1-Apr-2023)

Authorised Signatory

SUBJECT TO LUCKNOW JURISDICTION

This is a Computer Generated Invoice

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





SRI KRISHNA DUTT ACADEMY

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

DEGRADABLE AND NON-DEGRADABLE WASTE

Waste management Policy of Sri Krishna Dutt Academy underlines our commitment with regard to sustainable waste management. It outlines a set of agreed aims and deliverables for all aspects of sustainability, including recycling and waste management.

The college adheres to the following principles of the waste management:

- Prevent – avoid creating waste
- Reduce – minimizing the amount of waste produced
- Reuse – repair, refurbish or relocate items
- Recycle – promote segregation of waste to increase the quantity of waste recycled
- Recovery – send non-recyclable waste to energy recovery
- Disposal – this will only be used as a last resort if all other options are exhausted

Management of the following types of degradable and non-degradable waste policies

- a. Solid waste management
- b. Liquid waste management
- c. E-waste management
- d. Waste recycling system

SOLID WASTE MANAGEMENT:

Solid waste includes both biodegradable and non-biodegradable components. The non-biodegradable solid waste generated in the campus includes plastics, metal cans etc. Biodegradable waste includes paper, food waste, vegetable peels, leaves etc. 'Use and throw' items like plastic cups, plates etc. used in the college canteen are replaced by reusable items steel glasses and plates. Glass, paper and metal waste is sold for recyclers. Biodegradable waste and non-biodegradable waste are collected in separate bins. Biodegradable waste is disposed off in dumping yards of appropriate size, specially earmarked for the purpose. With the ever increasing population and

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urbanization, the waste management has emerged as a huge challenge in the country. Not only the waste has increased in quantity, but the characteristics of waste have also changed tremendously over a period of time with the introduction of so many new gadgets and equipments.



SWACCHTA PAKHWADA IN COLLEGE CAMPUS



PLANTATION DRIVE INSIDE AND OUTSIDE THE CAMPUS

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Raibareilly Road, Lucknow





VERMICOMPOSTING PIT

Measures shall be taken for minimal or optimal use of papers:

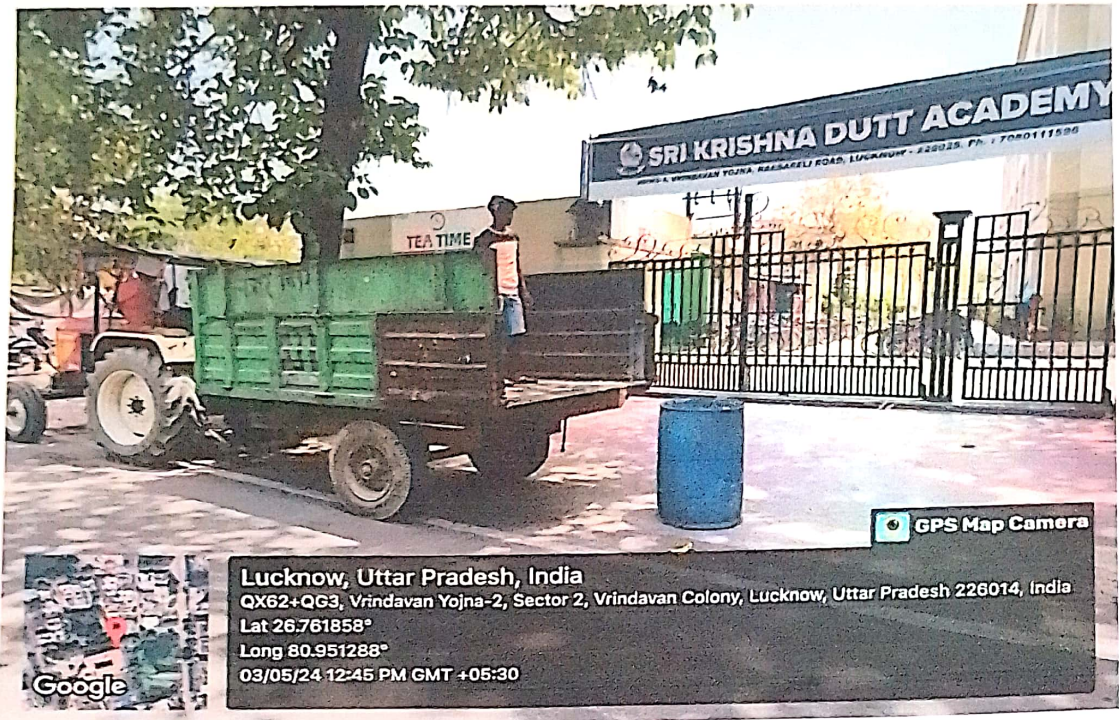
- Instead of taking hard copies of documents, keep in digital format as far as possible.
- Strategies to lessen the generation of paper waste are adopted: double-sided printing, printing in reduced font size, printing in "fast draft" mode etc.
- E-billing is promoted to reduce the use of paper.
- Use of paperclips (over staples) is encouraged.
- Reusing of envelopes with metal clasps and file folders by sticking a new label over the previous one is promoted.
- Color coded dustbin system is employed for segregation of solid waste.
- Green dustbins for biodegradable wastes like food.
- Blue dustbins for disposal of plastic wrappers and non- biodegradable wastes.



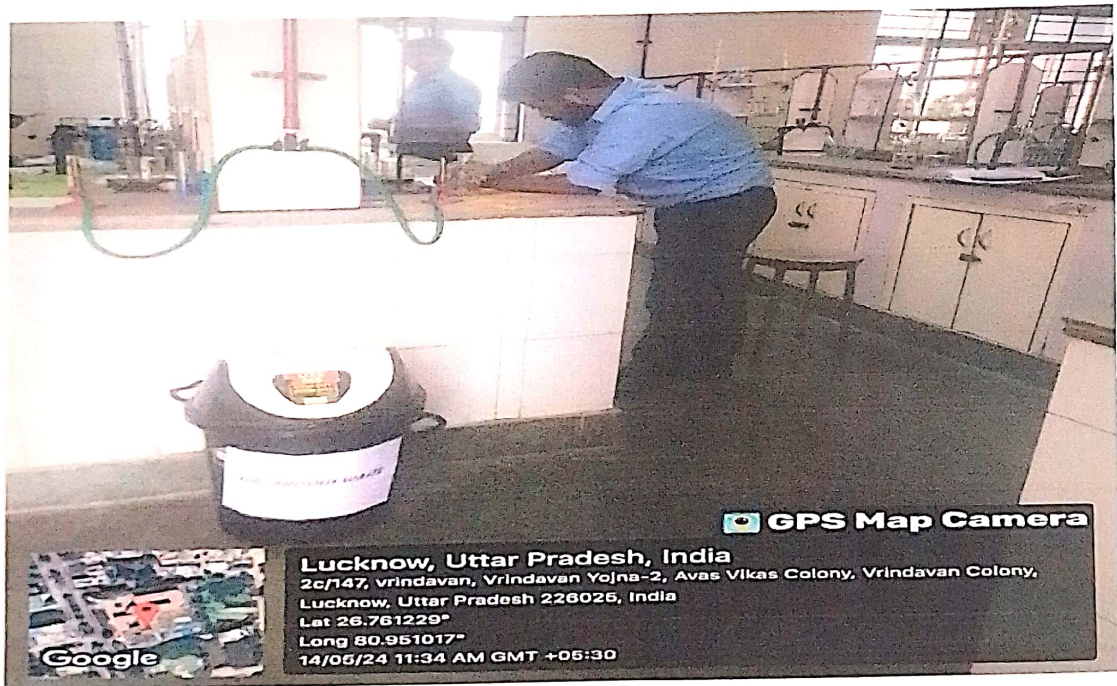
COLOR CODED DUSTBIN SYSTEM ON EVERY FLOOR OF CAMPUS

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REGULAR MUNICIPAL WASTE COLLECTION



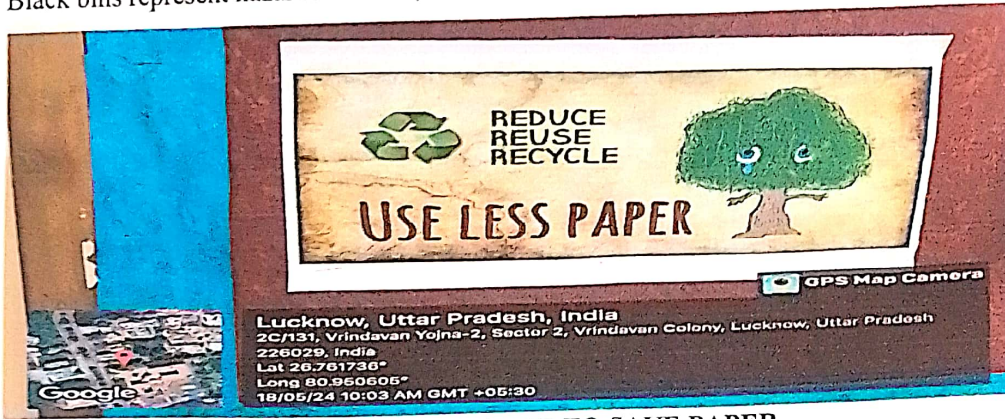
BLACK BIN IN CHEMISTRY LABORATORY

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- Red dustbins are used for disposal of non-biodegradable rubbish because these wastes cannot be recycled. These dustbins are also known as rejecting dustbins.
- Black bins represent hazardous waste, used in chemistry lab basically.



A SMALL INITIATIVE TO SAVE PAPER

- Cleaning or emptying of dustbins is ensured at regular intervals daily.
- Sanitary napkins are disposed in incinerators installed in the campus.
- The college uses safe and ecologically friendly disposal techniques with the utmost care while handling both biodegradable and non-biodegradable garbage.
- The institution has a "no litter" policy, and the use of plastics is prohibited on campus. Posters are used to raise awareness of these restrictions.
- To promote cleanliness and hygienic conditions on campus, solid waste generated there is collected in colored dust bins positioned in key locations.
- The cleaning team removes rubbish from the bins each day and correctly separates it into biodegradable and non-biodegradable materials.



SANITARY VENDING MACHINE IN FEMALE WASHROOM

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SANITARY NAPKINS INCINERATORS

- At these locations where waste is generated, there are posters with instructions for proper disposal.
- For use as garden manure, dry leaves from trees and other plants are collected.



INDOOR PLANTATION

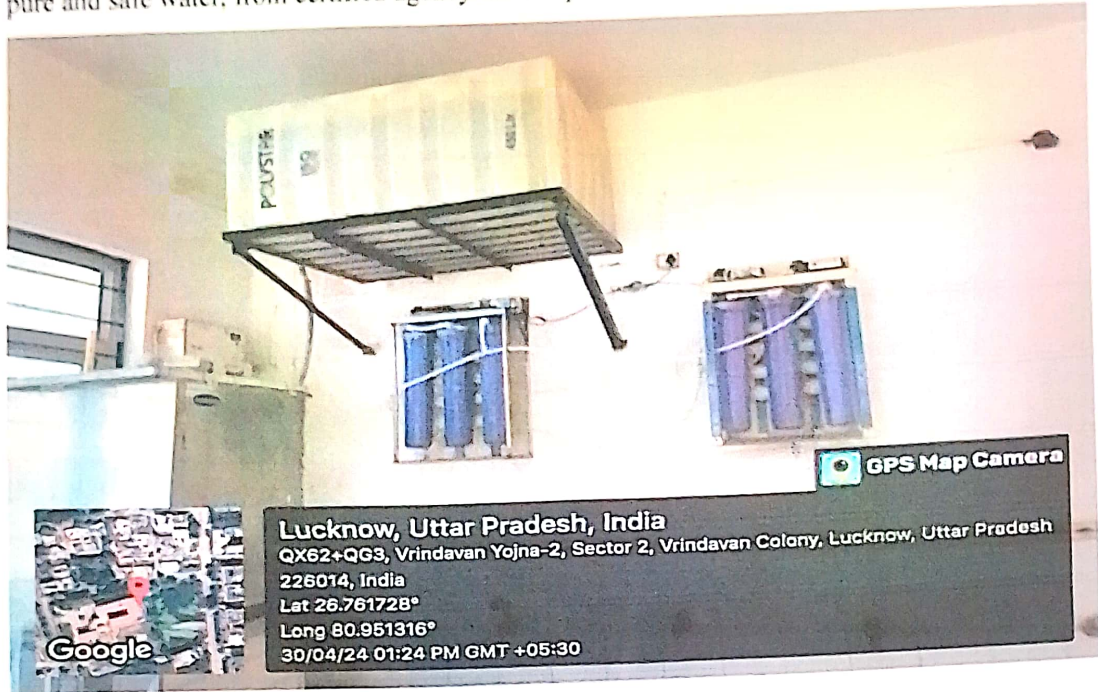
LIQUID WASTE MANAGEMENT:

- Comprehensive and continuous efforts are made by the Institution to facilitate safe and affordable drinking water.
- To ensure the quality of purity of water, there must be routine water audits and water quality checks from certified agency/service providers.

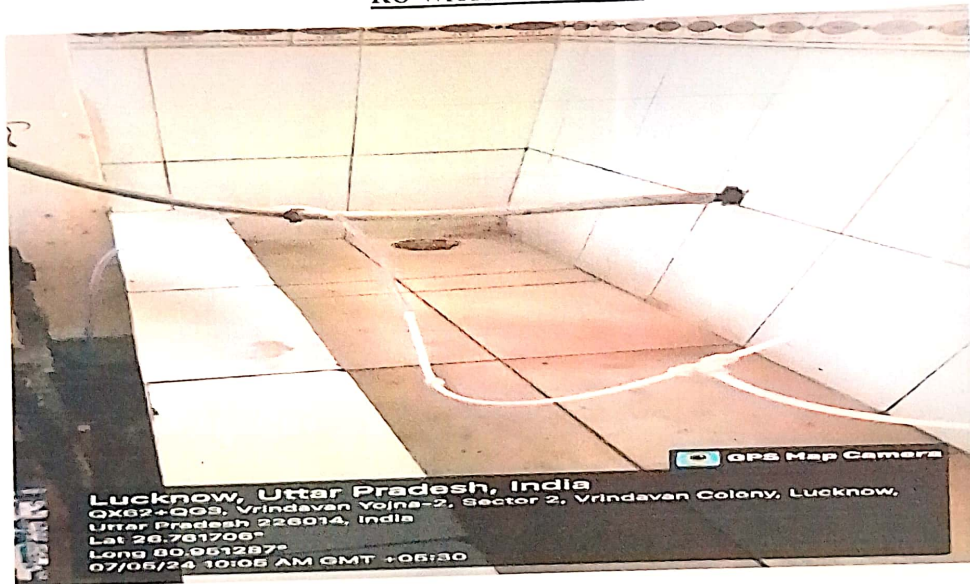
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- The water purifiers must be maintained regularly to ensure the un-interrupted supply of pure and safe water, from certified agency/service providers.

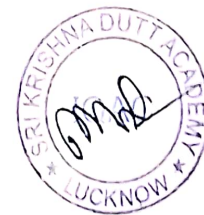


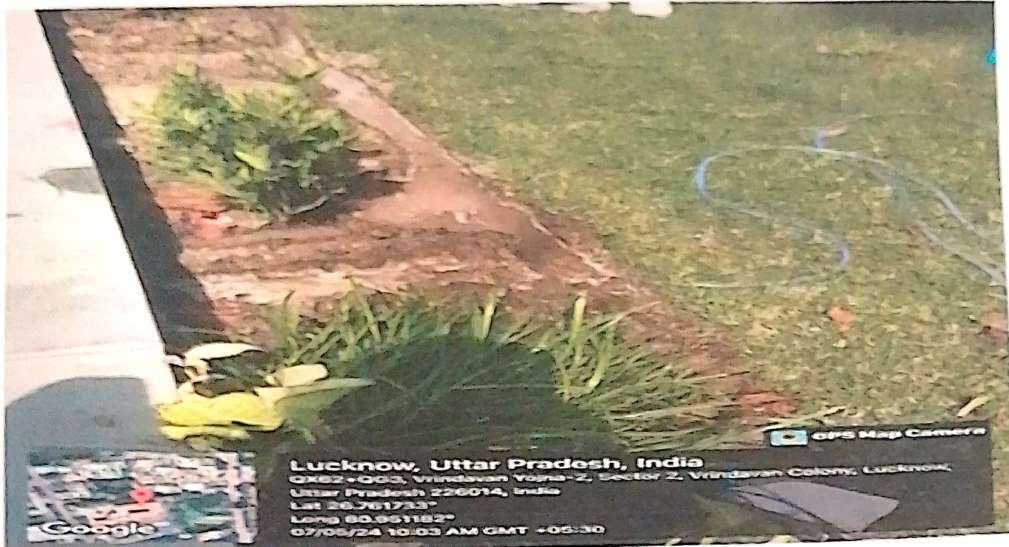
RO WATER SYSTEM



REUSE OF RO WASTE WATER SYSTEM

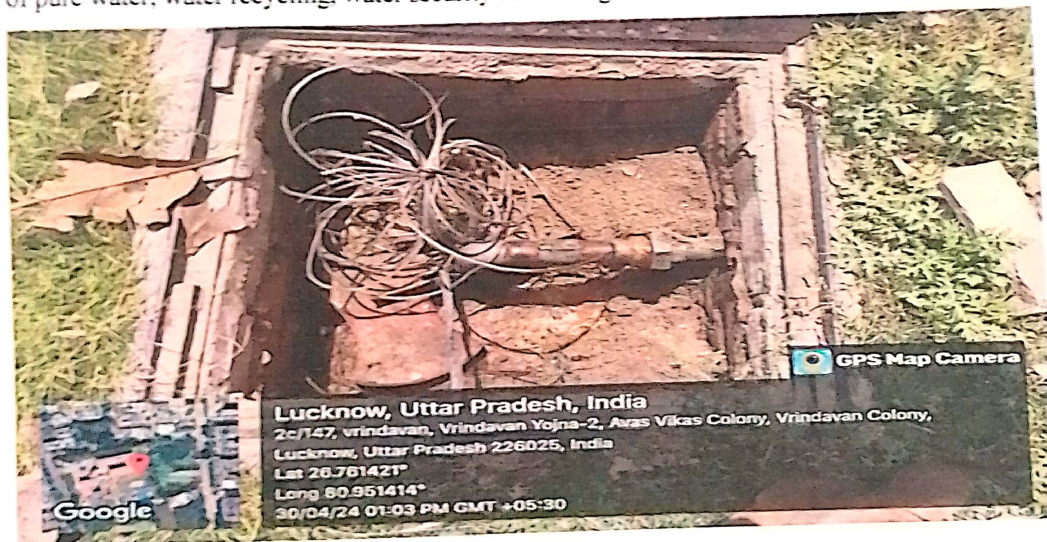
SRI KRISHNA DUTT
 2D/HS-10, Vrindavan Yojna
 Raibareilly Road, Lucknow





REUSE OF RO WASTE WATER SYSTEM FOR GARDENING

- For ensuring the adequate supply of pure water, Institute must organize awareness programs must be organized from time to time within campus, focusing on key indicators of pure water, water recycling, water security and management.



WATER BORING UNIT

- Institute must ensure the proper utilization of overhead tanks/water sumps for storing water and using it for drip irrigation and agriculture.

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- A separate water treatment plant (Reverse Osmosis plant) can be installed for each block for supply of purified water.
- Implement Lab Pack Service: The lab pack disposal process involves first identifying, categorizing, and segregating each chemical by type (solvent, acid, or base), re-packaging them, then depositing the packaged chemicals into a drum or a tank. (Black bin)
- Academic strategies are taken to reduce the amount of chemical waste generated in the laboratories.
- Promote existing reuse schemes and develop additional recycling schemes to stream more waste at source.
- Communicate effectively with our employees, students, and residences to increase engagement and participation in the recycling initiatives across campus



WATER LEVEL CONTROLLER & ALARMING SYSTEM

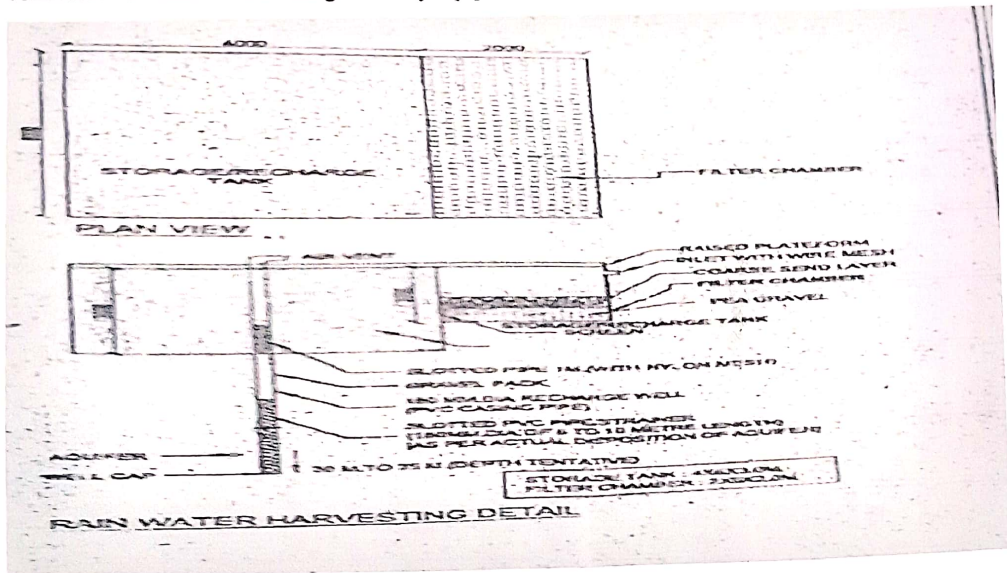
Rain water harvesting

- College provides rain-water harvesting provision within the Campus to ensure the recycling of rain water and contribute towards sustainable development.
- Institute ensures the prevention of mixing up of polluted water, harmful water or any polluted water. Institute ensures supply of clean water and must take steps in this direction.

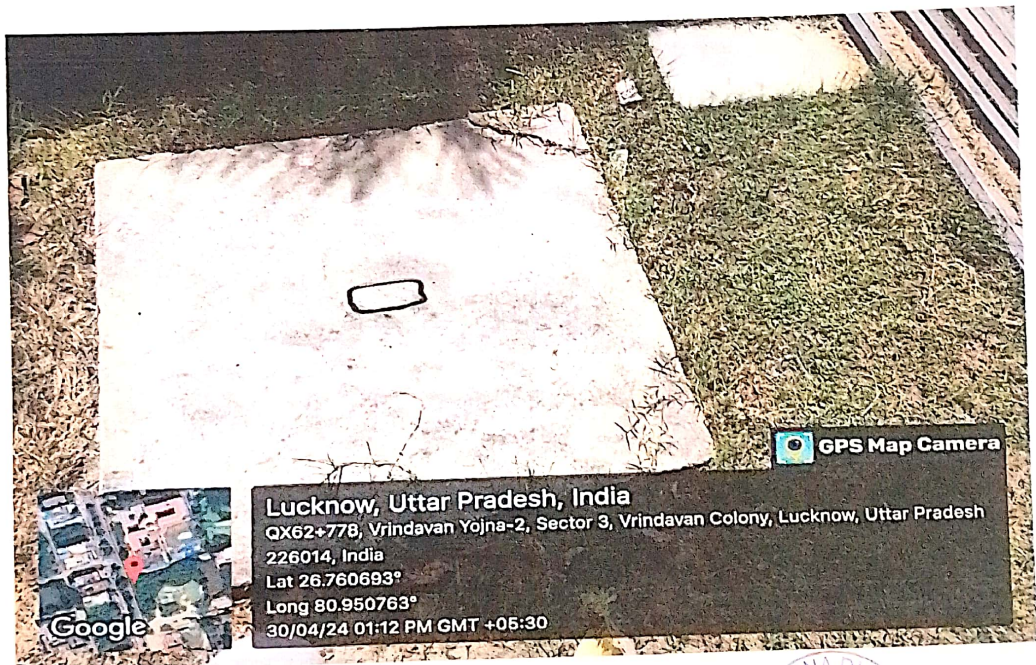
Principal
SRI KRISHNA DUTT ACADEMY
2D/HS-1, Raibareilly Road, Lucknow



- The collection of rain water, water collected through surface runoff, from terraces that are connected to a rainwater recharge well by a pipe line.



MAP OF RAIN WATER HARVESTING SYSTEM



RAIN WATER HARVESTING PIT

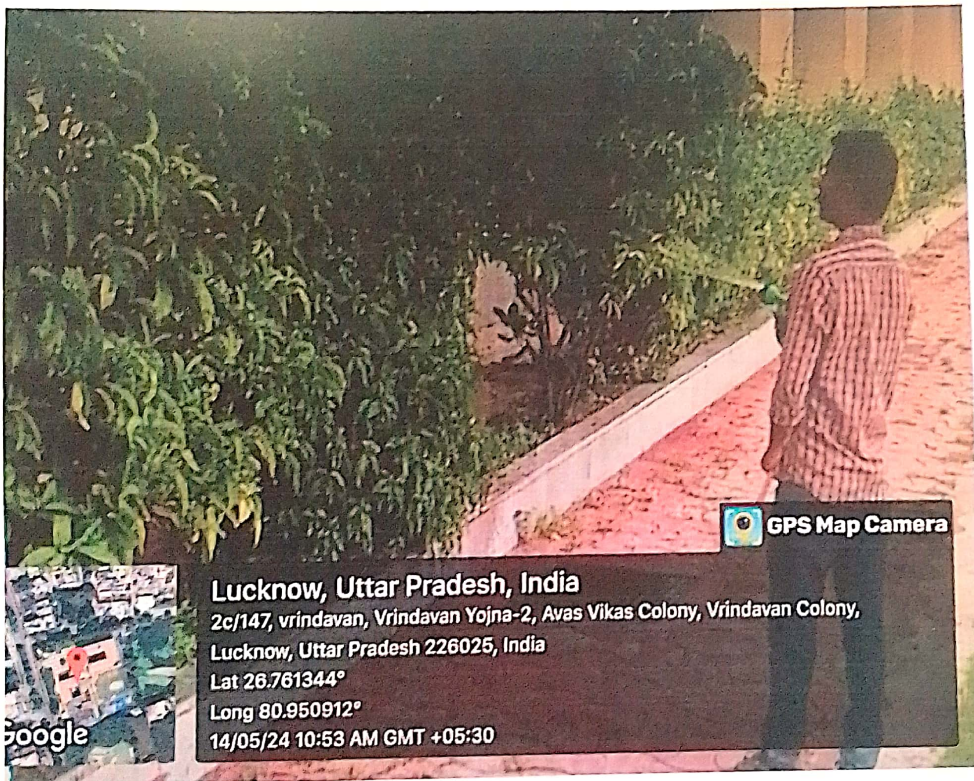
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Other Initiatives

Institute had been taken following additional initiatives for the water use within the campus:

- Implement building standards to minimize water usage and maximize water reuse. The quantity of reused water must be recorded.
- Implement water conservation method like drip irrigation, leakage repairs and condensate recovery.
- Initiate plantation such that the plants (Drought resistant plants) require lesser water for growth and sustenance.
- Ensure the 24 x 7 supply of quality potable water.



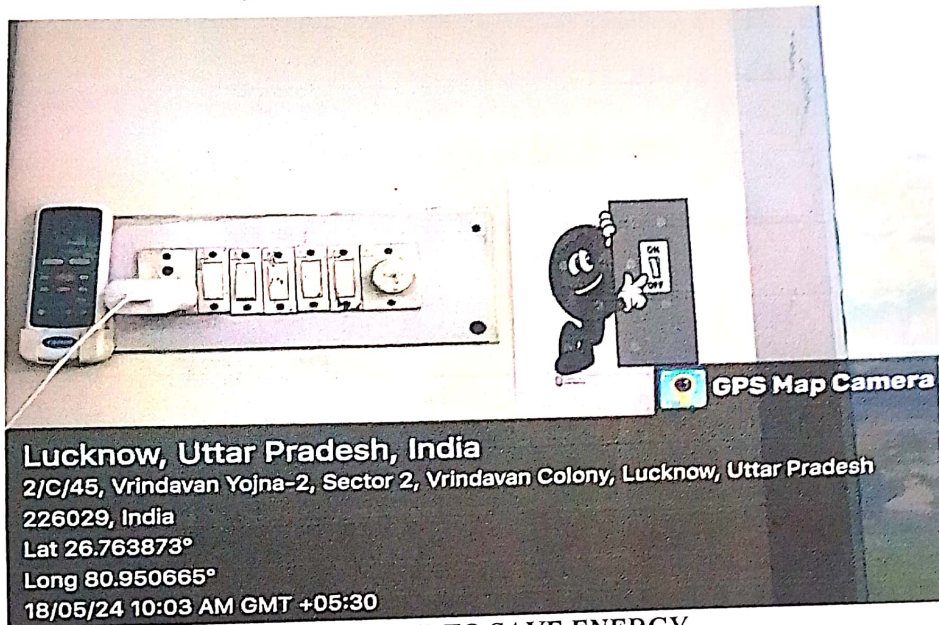
SPRINKLER IRRIGATION METHOD

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E-WASTE DISPOSAL MANAGEMENT:

- E-waste includes outdated or nonfunctional electronic equipment, such as computers, laptops, printers, and other electronic devices.
- College shall be responsible for coordinating and implementing the e-waste disposal program. They will ensure compliance with all relevant environmental regulations and standards. All staff and faculty members are responsible for identifying and reporting e-waste within their respective departments.
- Students are encouraged to report any e-waste they come across on campus

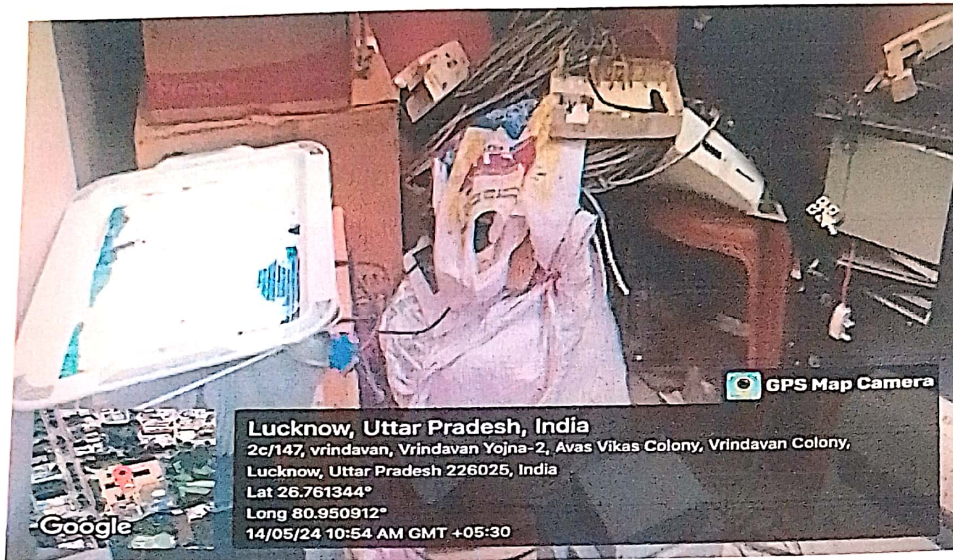


A STEP TO SAVE ENERGY

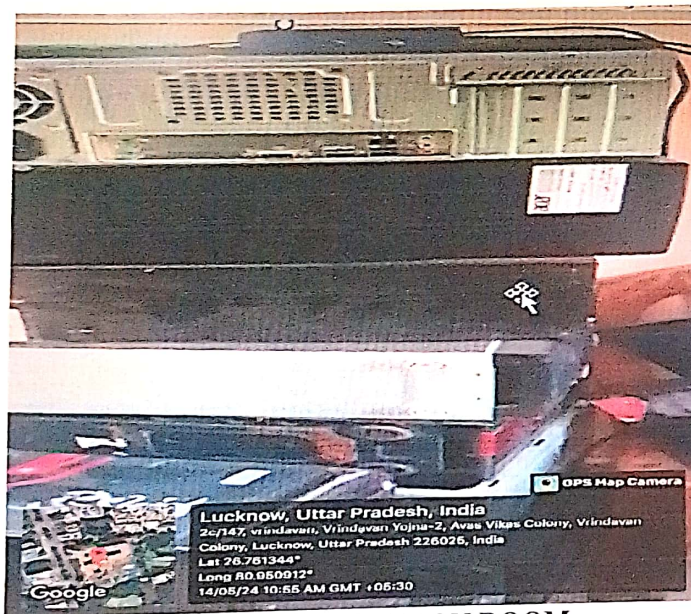
- The college will ensure that all collected e-waste is disposed of through responsible recycling methods. They will engage with certified e-waste recycling vendors who adhere to environmentally friendly practices.
- Prior to disposal, all electronic devices will undergo a thorough data wiping process to ensure the complete removal of sensitive and confidential information.
- We have a MoU with an authorized vendor, for the disposal of e- waste from time to time.
- The College will organize regular training programs and awareness campaigns to educate staff, faculty and students about the importance of proper e-waste disposal and its impact on the environment.

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20/11/24
Raidarany Road, Lucknow



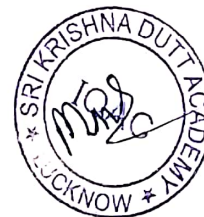


E-WASTE COLLECTION ROOM



E-WASTE COLLECTION ROOM

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 2D/HS- Vrindavan Yojna
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SRI KRISHNA DUTT ACADEMY

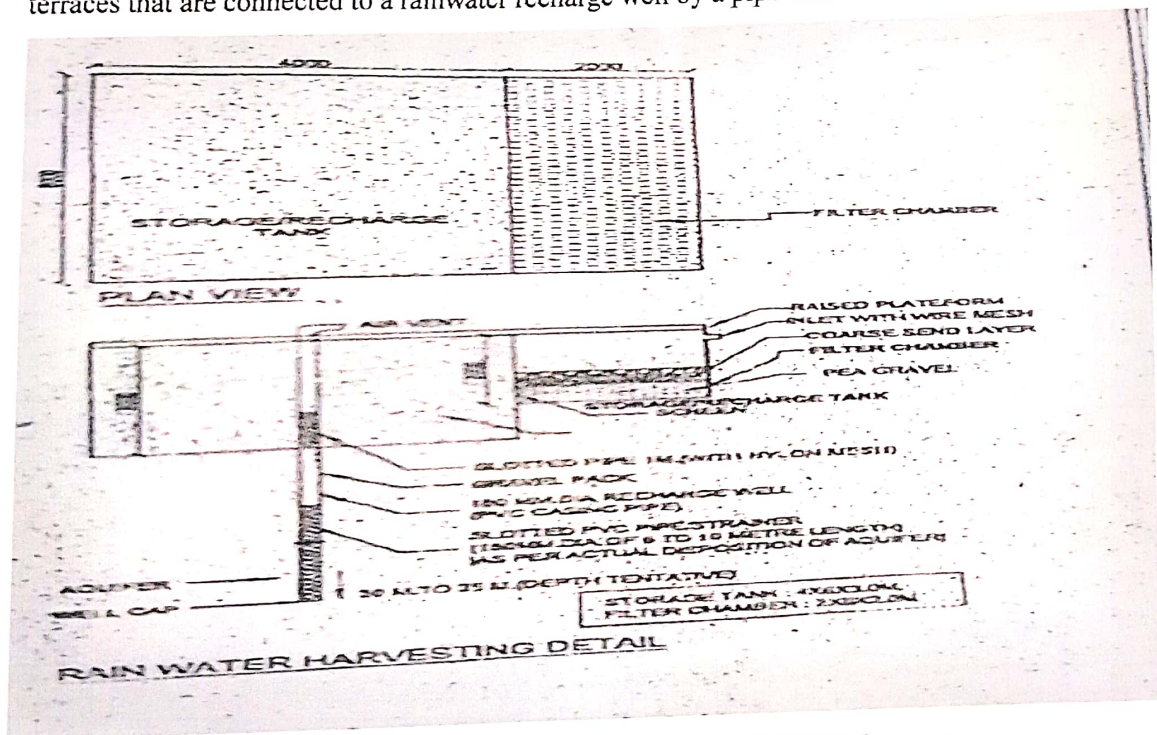
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Water Conservation

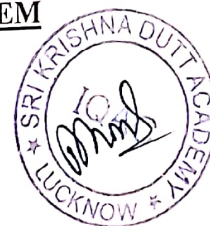
Rain water harvesting

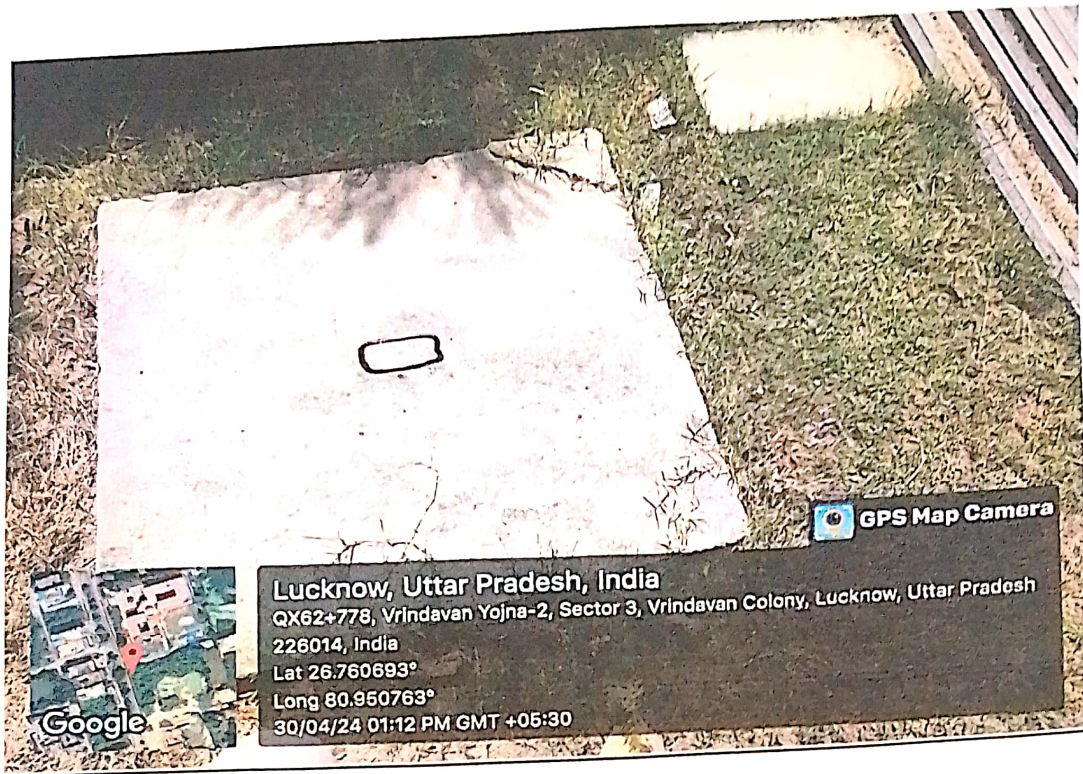
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- Institute must ensure the prevention by mixing up of polluted water, harmful water or any polluted water from accidents and incidents in surroundings/Institute to clean water and must take steps in this direction.
- The collection of rain water must be collected through surface runoff collection from terraces that are connected to a rainwater recharge well by a pipe line.



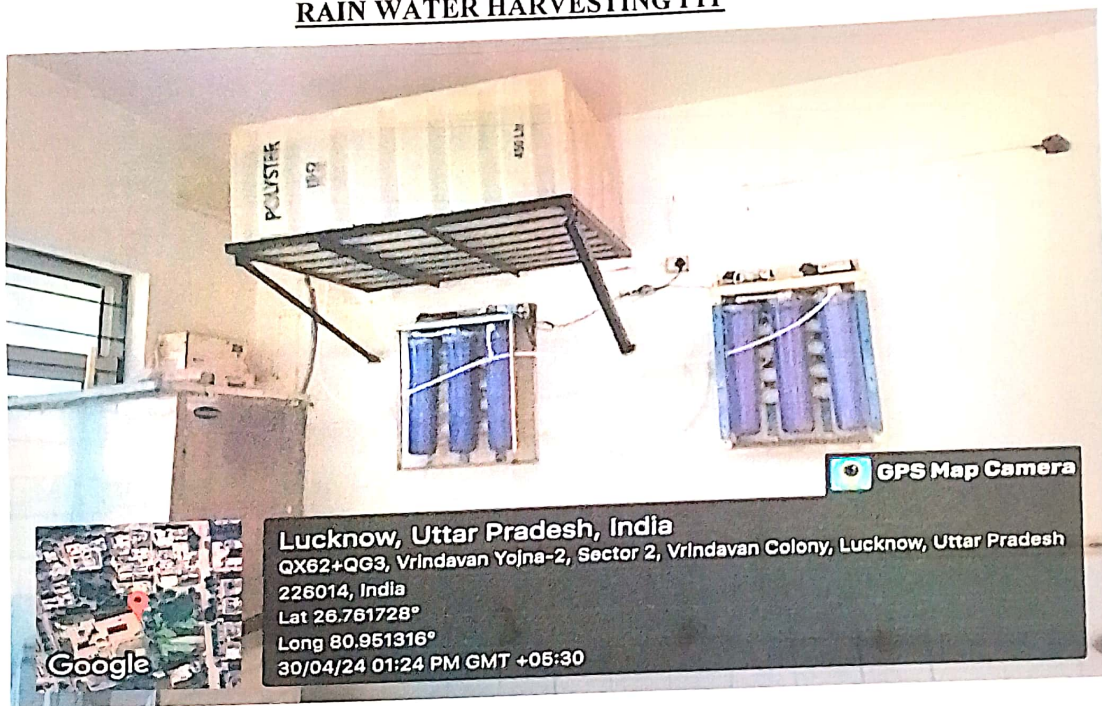
MAP OF RAIN WATER HARVESTING SYSTEM

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





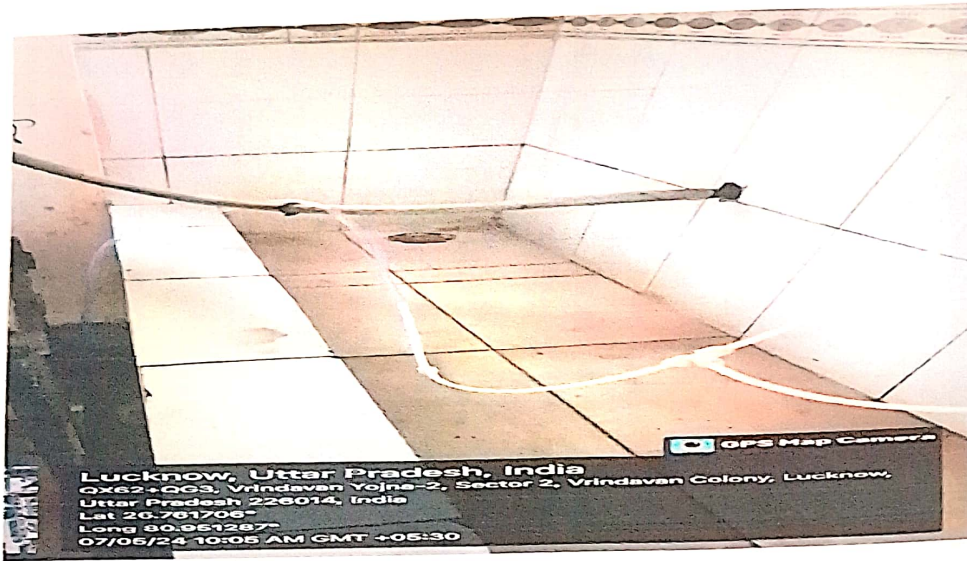
RAIN WATER HARVESTING PIT



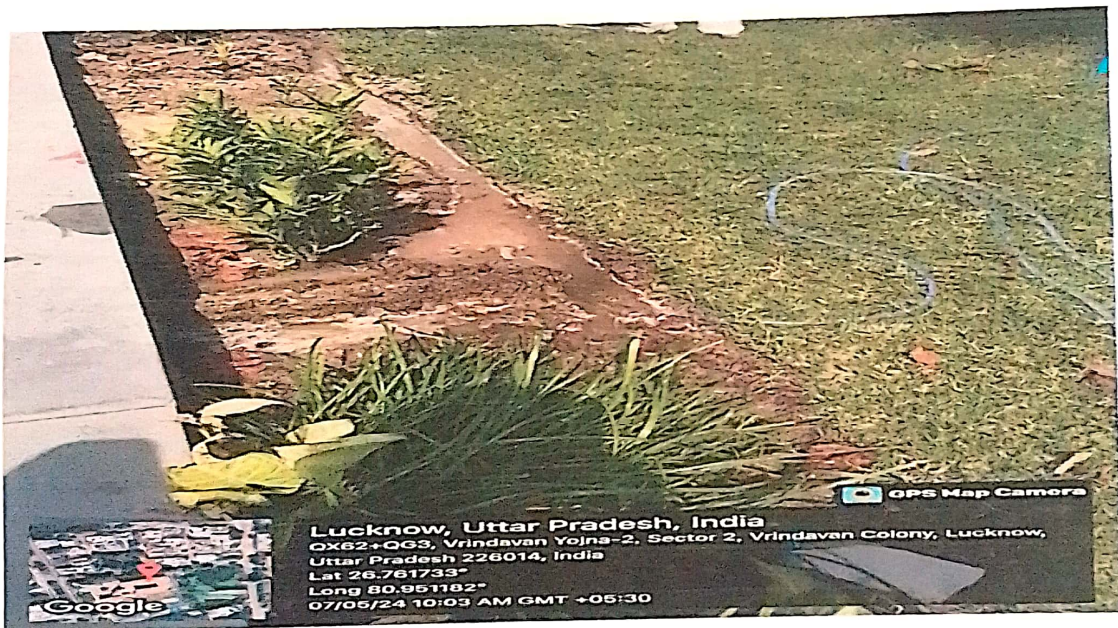
RO WATER SYSTEM

SRI KRISHNA DUTT ACADEMY
 ZONE: Lucknow
 Raibanshi Road, Lucknow





REUSE OF RO WASTE WATER SYSTEM



REUSE OF RO WASTE WATER SYSTEM FOR GARDENING

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BEST PRACTICE

GREEN INITIATIVES & ENVIRONMENT FRIENDLY CAMPUS

1. Title of the Practice: To Beautify the Campus with Trees & get it branded as GREEN Initiatives & ENVIRONMENT FRIENDLY CAMPUS

2. Objectives of the Practice

We believe that the best practices of our college find validation in fact that their number always enhance than previous year. Besides academic excellence, social and academic refers are meant to motivate students. The college strongly believes that environmental conservation, awareness must be followed by sustainable practices. Our college aims to reduce energy consumption, ensure standard indoor air quality and improve energy efficiency on campus through methods that are safe, secure and involving the community within campus.

- To keep our campus as much green as possible.
- To keep environmental balance through tree plantations.
- To create awareness among the students.
- Sustainable environment in college campus impacts students' lives positively on a daily basis as well their studies.

3. The Context

- Motivation of employees and students implement green initiatives like minimal use of plastic, minimal use of air conditioners, switching of lights/fans, use eco-friendly methods of transportation, CNG vehicles etc. are very important and relevant.

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- Since it's a non-residential campus faculty members and staff members come here on their own cars. The culture of car-pooling needs to be encouraged.
- To maintain pollution free campus by avoiding tobacco, pan masala and its subsequent chewing within campus. "Tobacco Free Campus" signboards are displayed at various locations throughout the campus in accordance with government rules and regulations.
- To maximize the use of ICT and minimize the use of paper hence promote "Paperless office".

4. The Practice

- **Restricted entry of automobile-** The nonrenewable fuel vehicles are not permitted in the campus. These vehicles are to be parked outside the college. A guard is also there to check that no vehicles can cross into the boundary of college. This practice makes the college pollution free and eco-friendly campus. Also, this is a security measure that is mandatory to be followed by the students as well as anyone entering in the college campus.
- **Ban on use of Plastic-** The college campus is about to free from the use of plastic. Single use plastic like cups, bottles, plastic bags, spoons etc. have been avoided by the students as well as faculties. Some of the display messages of avoidance of plastic have been tagged at student's frequent places.
- **Landscaping with trees and plants-** The institute has a proper canopy of trees and plants throughout of its pathway of pedestrian. This gives a beautiful look to the college campus with pollution free environment. Gardeners have been appointed for taking care and watering of these trees time to time. Every year plantation drive was done by our students, faculty and staff under the initiative and supervision of environmental committee. In spite of above, the institute is taking initiative for paperless department. Internal communication is done through email or e-message. E-notice board is also created to convey the day-to-day information to staff members. Electronic gadgets are preferred to store and transfer of official data. All the departments as well as examination section and library are equipped with latest technology computers to do the paperless work.
- **Energy Conservation:** Use of LED bulbs/ power efficient equipment- The institute is completely renovated in the year 2018. The traditional power sources have been replaced by LED

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bulbs. College balconies, staff room, girl's common room, conference room, principal chamber, administrative office etc. places light sources have switched to new LED bulbs with roof ceiling. This replacement gave a complete professional look to the college infrastructure. The policy on energy conservation highlights on developing a proactive and progressive approach to providing energy efficient, responsible, and cost-effective operations on campus. LED lighting, false ceilings to reduce heat load, as well as abundant natural light makes the building energy efficient.

5. Evidence of Success

- Eco-campus strategies employed resulted in one of the beautiful and clean college in the vicinity. It has resulted in attracting more students.
- Through periodical tree plantations, flora and fauna on the campus have been enriched, resulting in the transformation of the campus into an eco-friendly one. An awareness campaign for the plastic-free campus through signboards and display boards has made the campus overall plastic free.
- Students and staff are encouraged to do carpooling and bike pooling.
- College has installed solar panels, LEDs and 5 star appliances for saving electricity. Some equipment for measuring air quality, water quality, sound level and illumination monitoring apparatus have also been used as a part of green initiatives.

6. Problems Encountered and Resources Required:

While carrying out this practice, the following problems are encountered by the college:

- Good public transport in the neighborhood is need so the use of cars can be discouraged.
- In summer season, we have to face lot of water scarcity. Hence in order to meet requirements we need to hire water tankers.
- Campus also required to install rain water harvesting system. As an initiative we can connect washbasin water pipes with flush tank.

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DISABLED FRIENDLY ENVIRONMENT

The college plans and strategies to promote equal right and access to education for all those who are deprived with physical disability. Furthermore, the Persons with Disabilities Act 1995 specifies that differently-abled persons should have access to education at all stages. In view, differently abled policy at Sri Krishna Dutt Academy, Lucknow, provides access to the differently abled students to varied agendas, services, events and activities. Besides that, college also would inspire them for the highest levels of academic and personal attainment; and promote an accessible environment for them. The policy has been devised to promote the holistic growth of differently abled students. Also, the university endeavors to create accessory and homely ambience and facilities for these students.

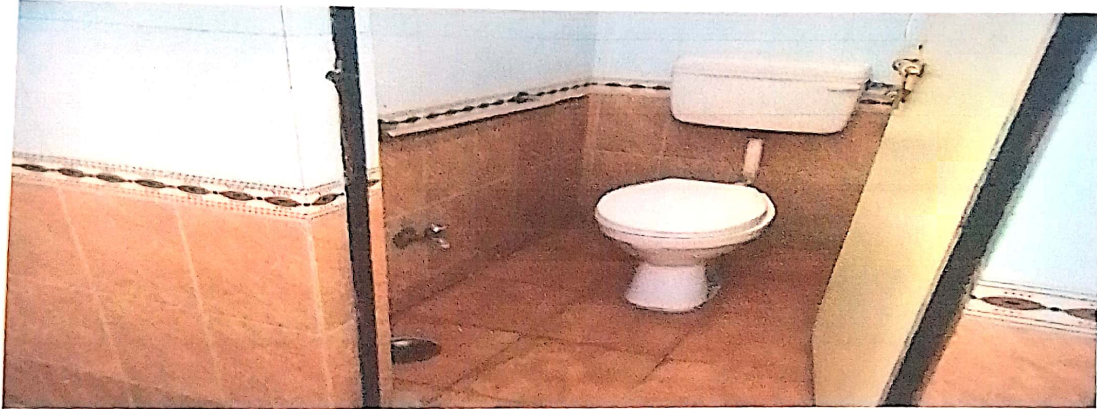
- Easy access to Classroom through lift
- Ramps & Rails
- Lifts to library
- Disabled Friendly Washroom
- Wheel Chairs
- Reserved parking space
- Special reception desk
- Human Assistance Group for reading and movement in the campus
- Signage of tactile path
- Signage of Display of Boards
- Provision of guidance and counselling to differently abled individuals
- On campus medical facility

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RAMP FOR DISABLED PERSONS



WASHROOM FOR DISABLED PERSON

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