



TECHNO
INSTITUTE OF HIGHER STUDIES

Transforming Dreams Into Reality...



Criterion -7

Institutional Values and Best Practices

Key Indicator - 7.1

Institutional Values and Social Responsibilities

7.1.3 Qn M

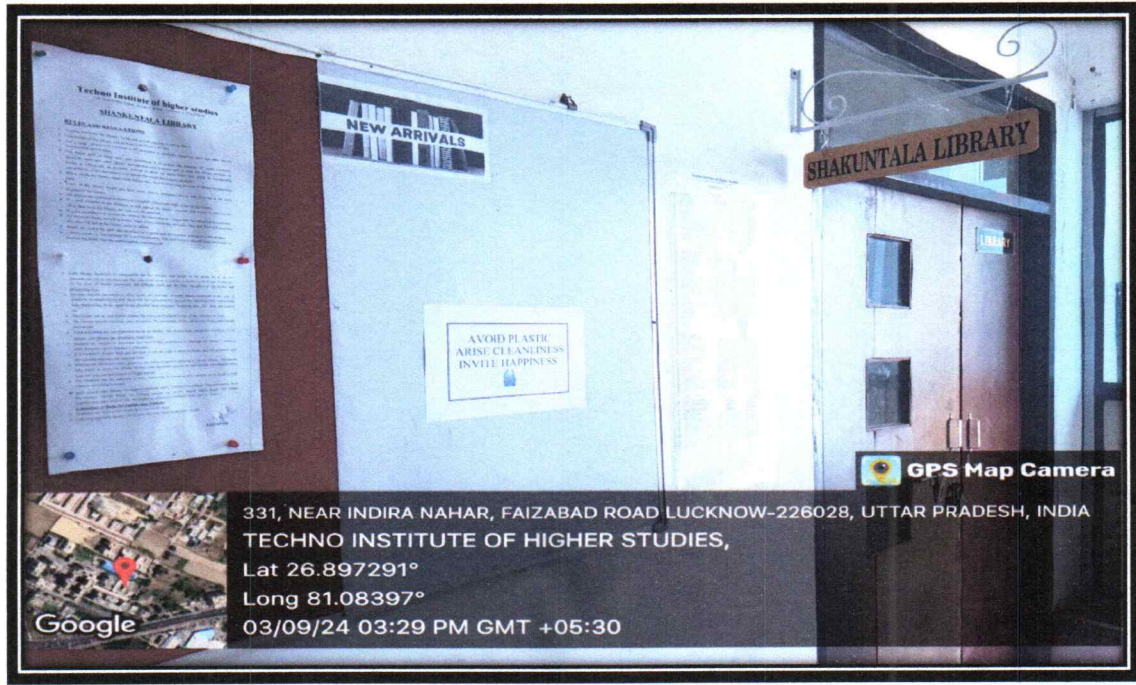
Quality audits on environment and energy regularly undertaken by the Institution.

The institutional environment and energy initiatives are confirmed through the following

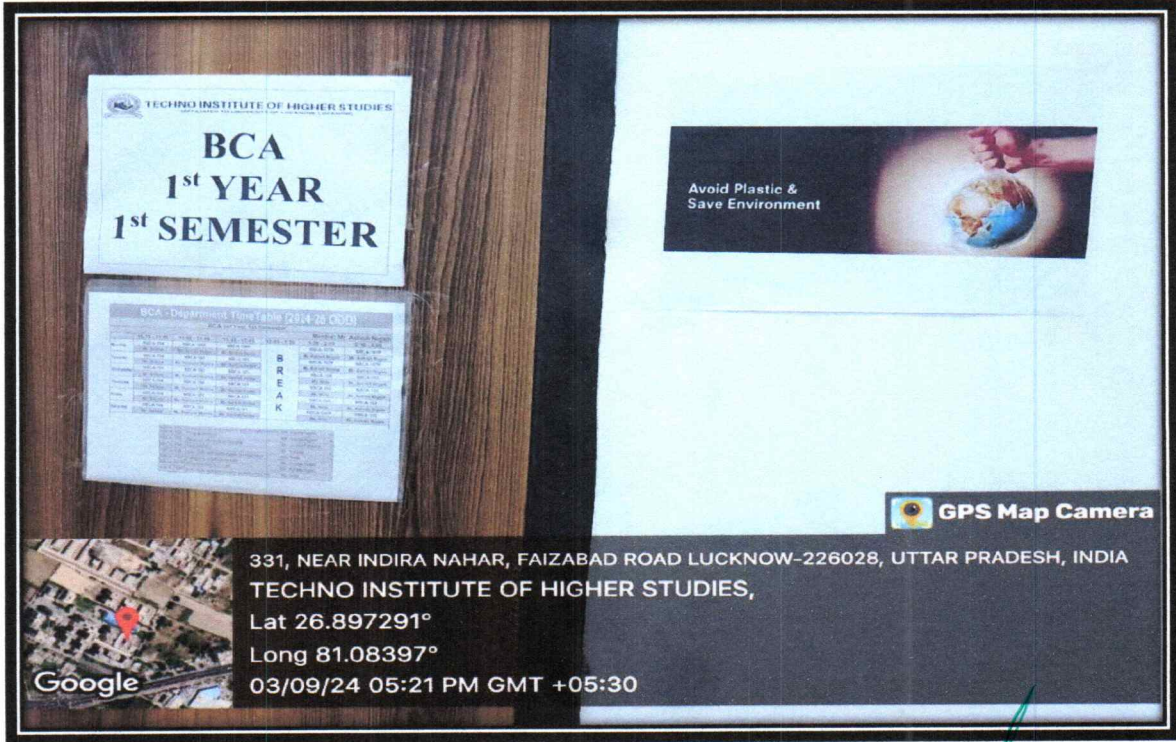
1. Green audit / Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion and sustainability activities

INITIATIVES FOR SINGLE USE PLASTIC FREE CAMPUS

LIBRARY

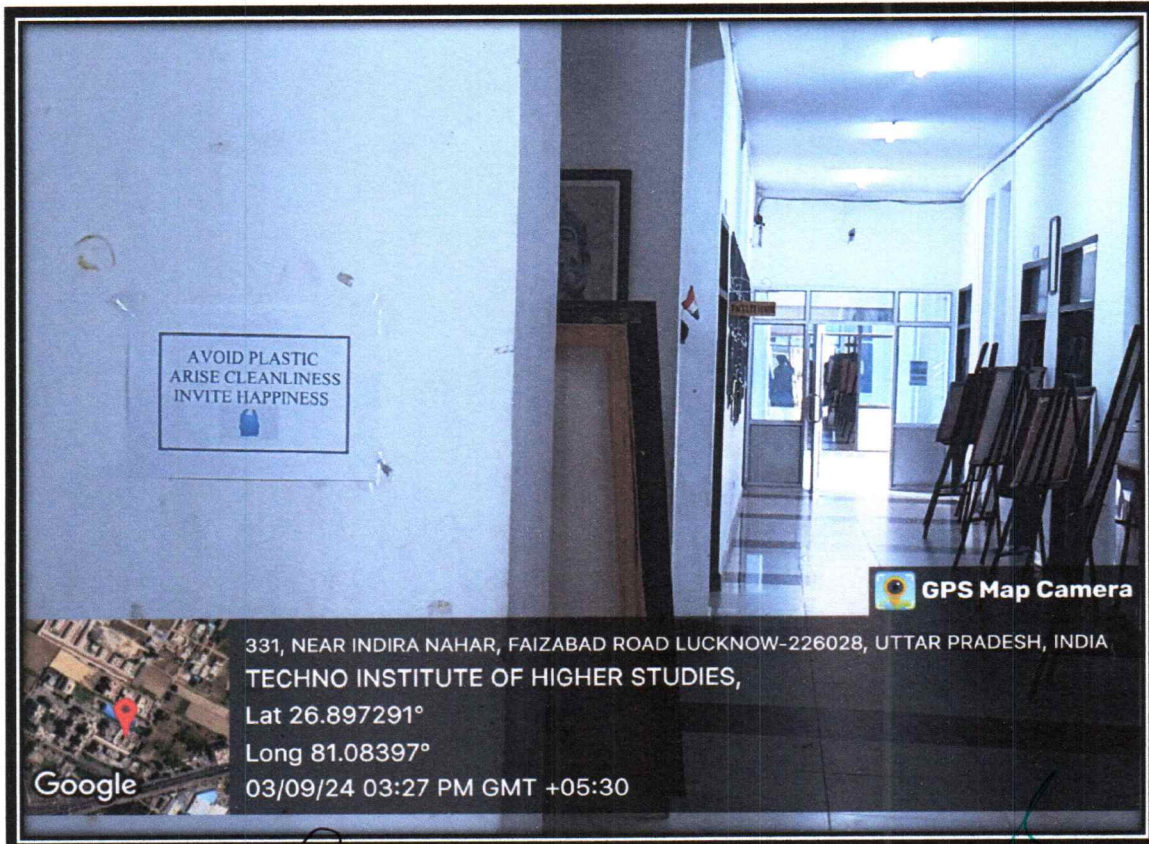
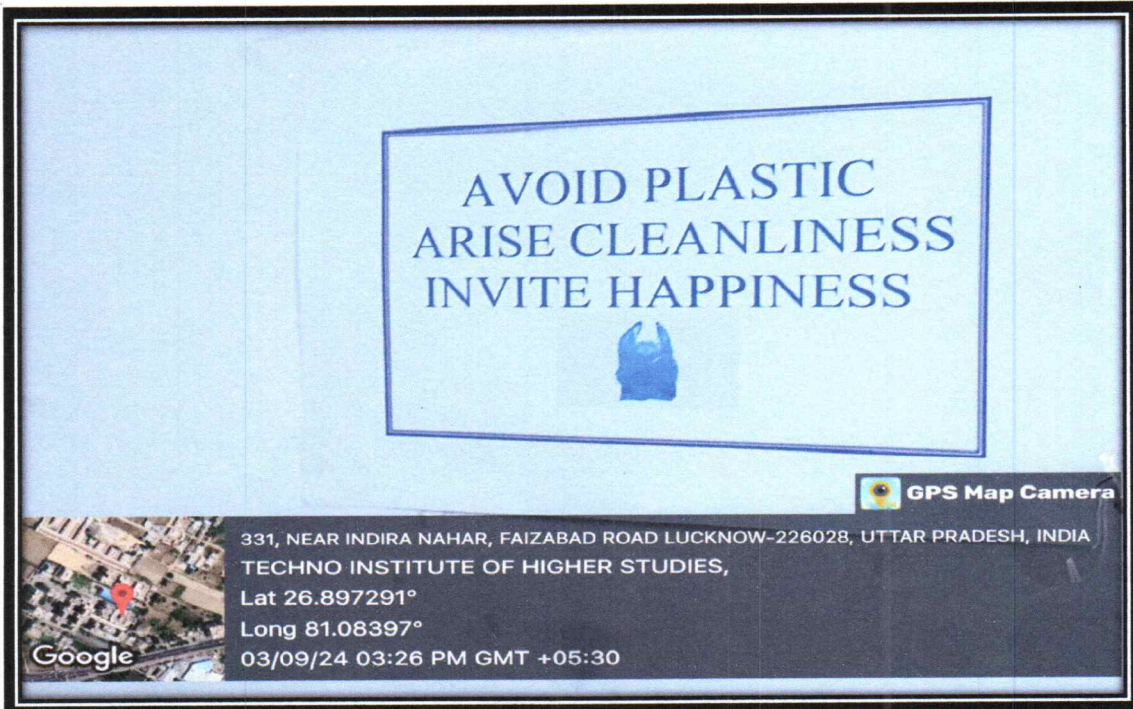


CLASS ROOMS



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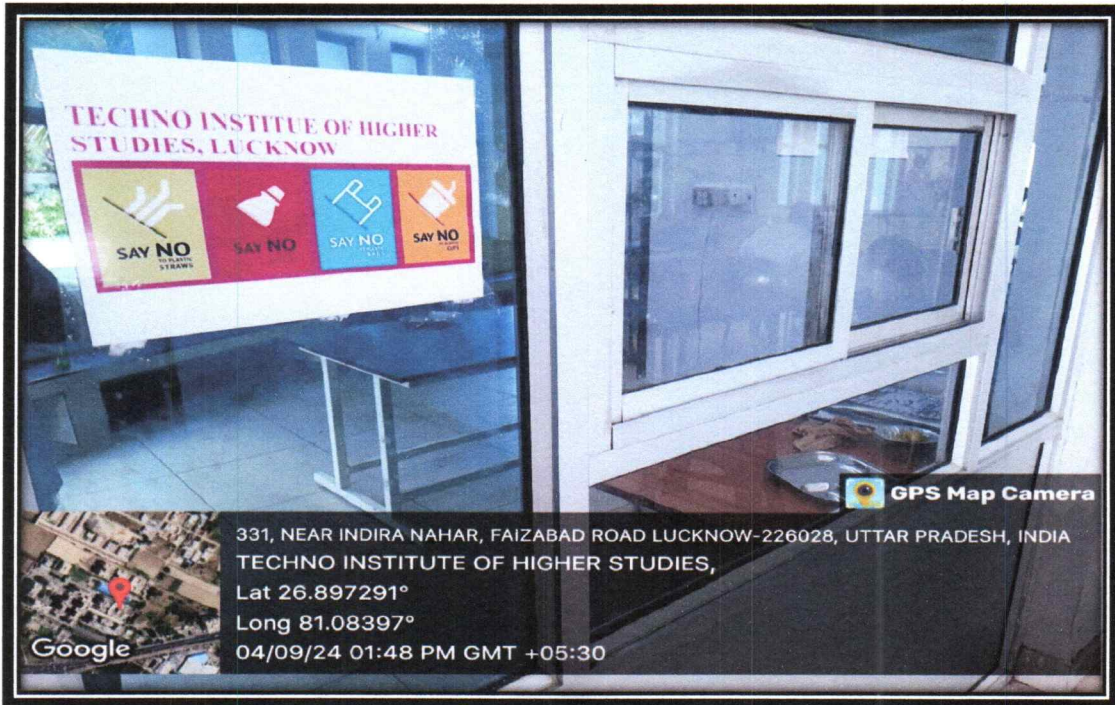
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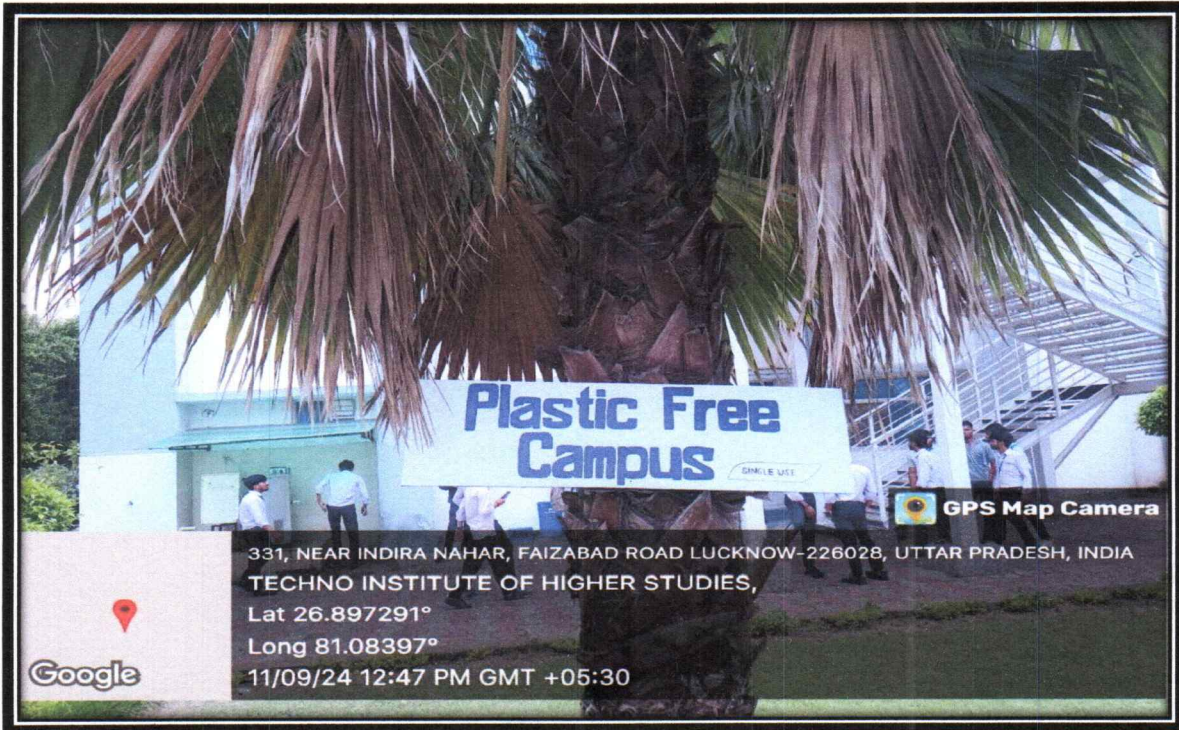
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CANTEEN



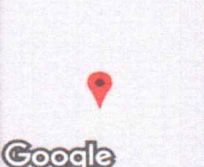
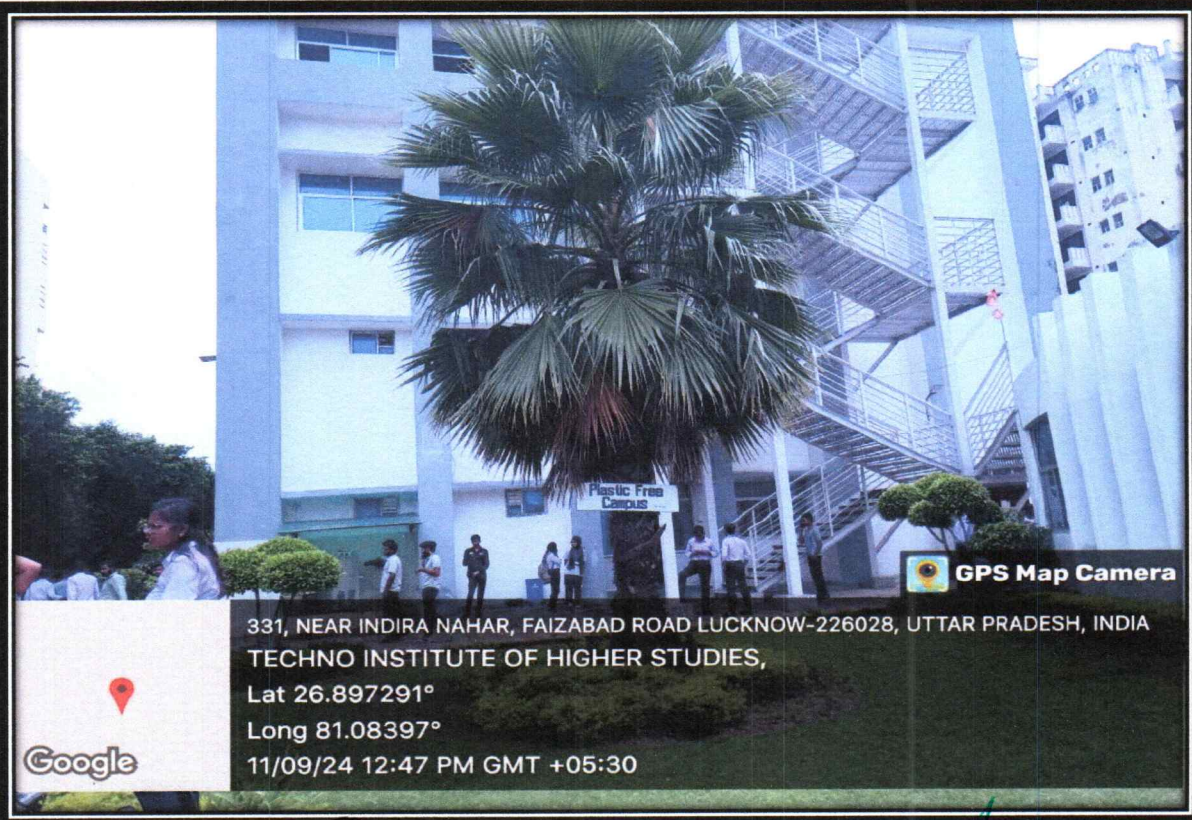
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GPS Map Camera



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GPS Map Camera

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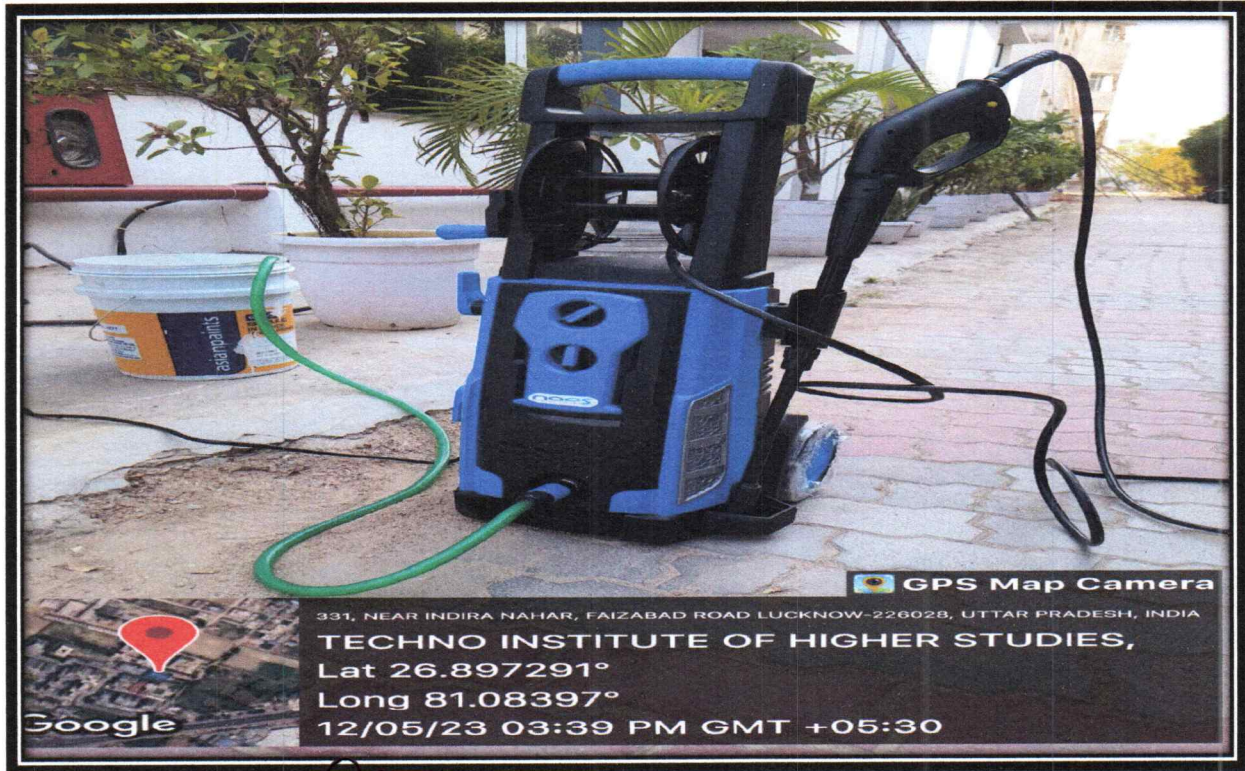
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SANITATION FACILITIES IN THE CAMPUS

DUST BINS FOR VARIOUS PURPOSES



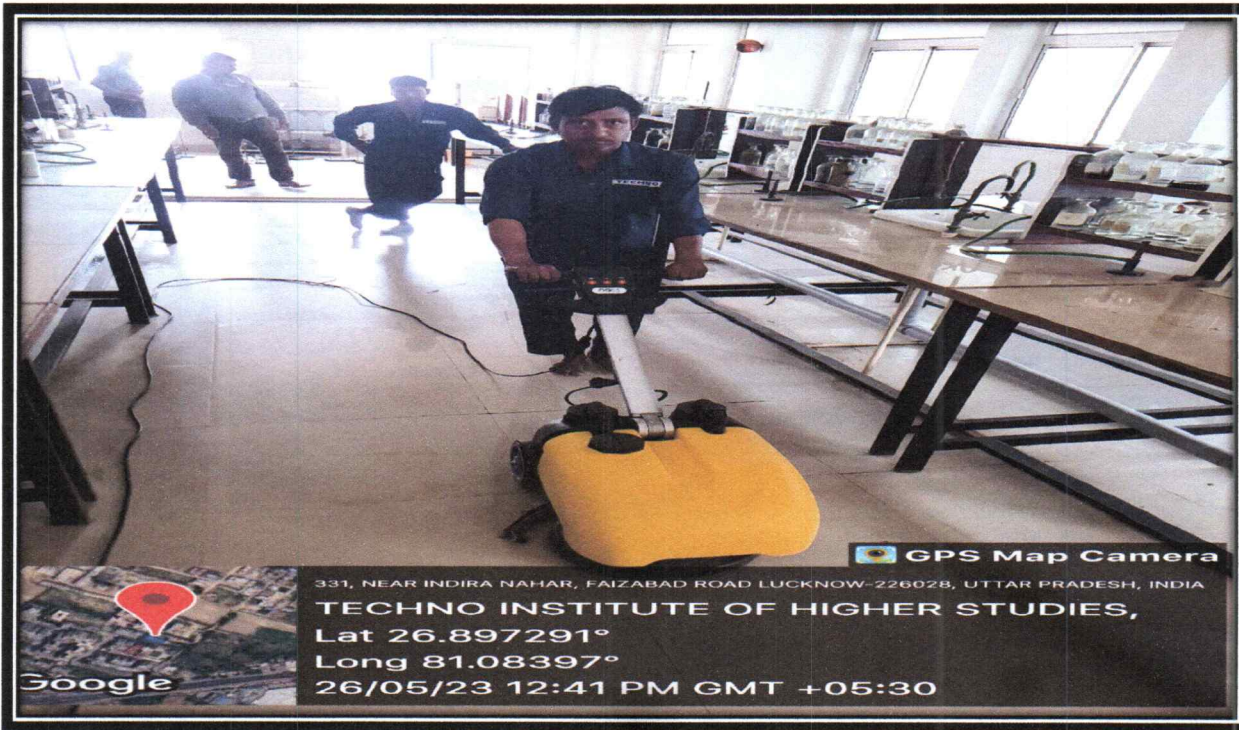
HIGH PRESSURE WASHER (GHD-225)



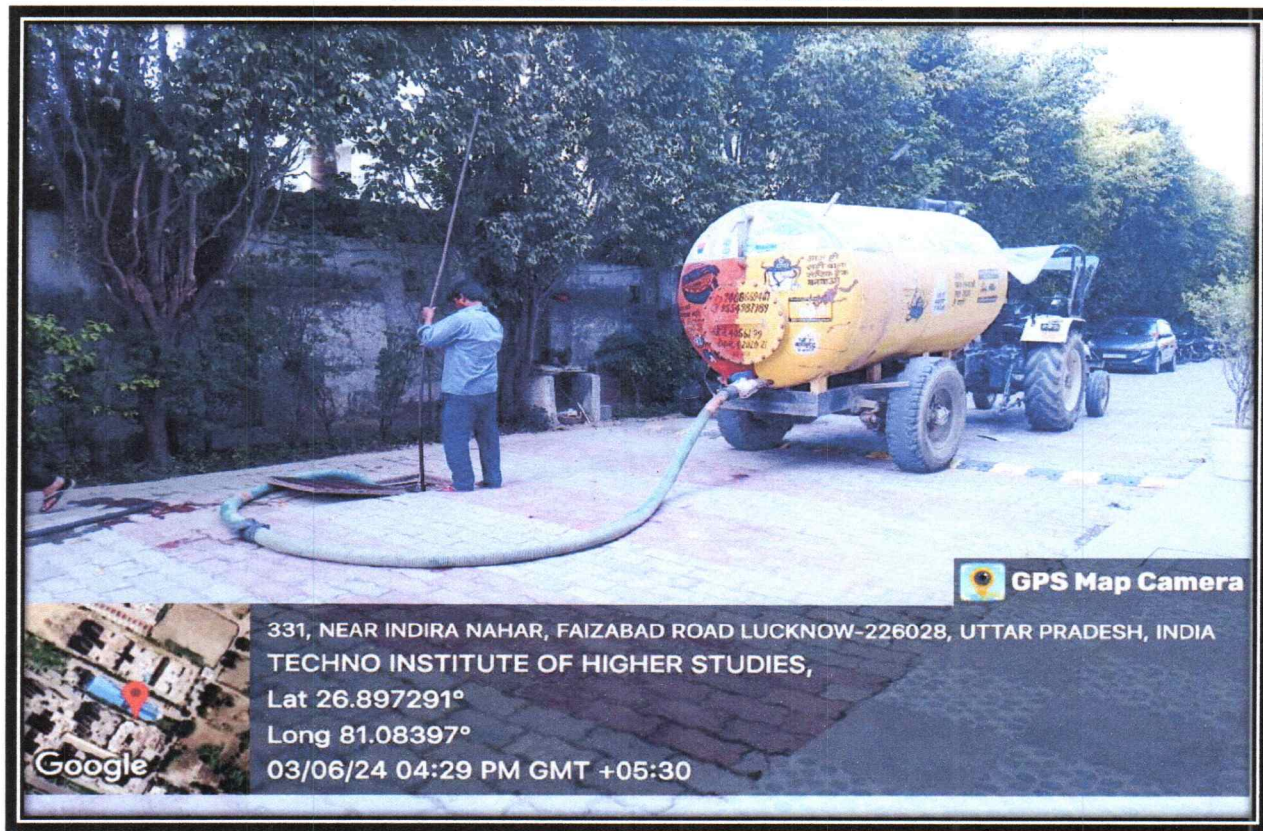
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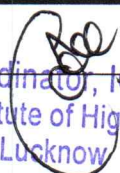
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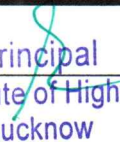
AUTOMATED FLOOR SCRUBBERS



SEPTIC TANK FOR SANITATION




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VACCUM CLEANER



DAILY GARBAGE MANAGEMENT



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CLEAN & GREEN CAMPUS



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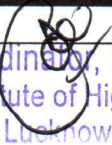
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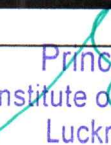


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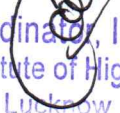

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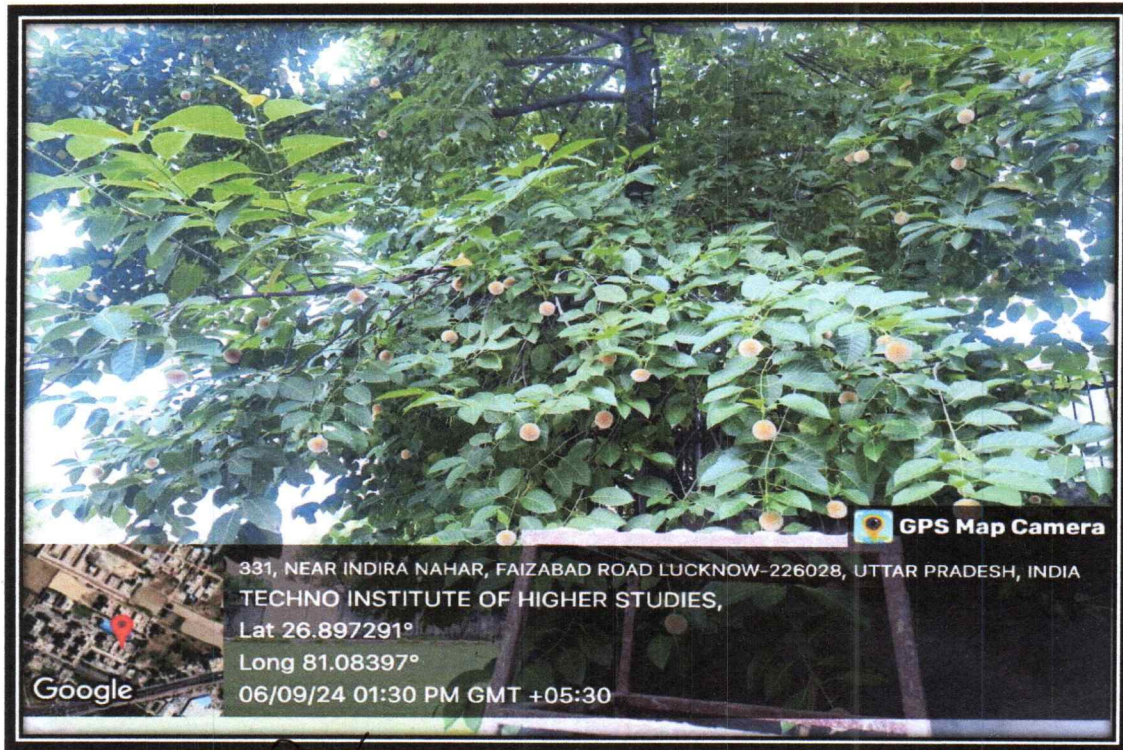

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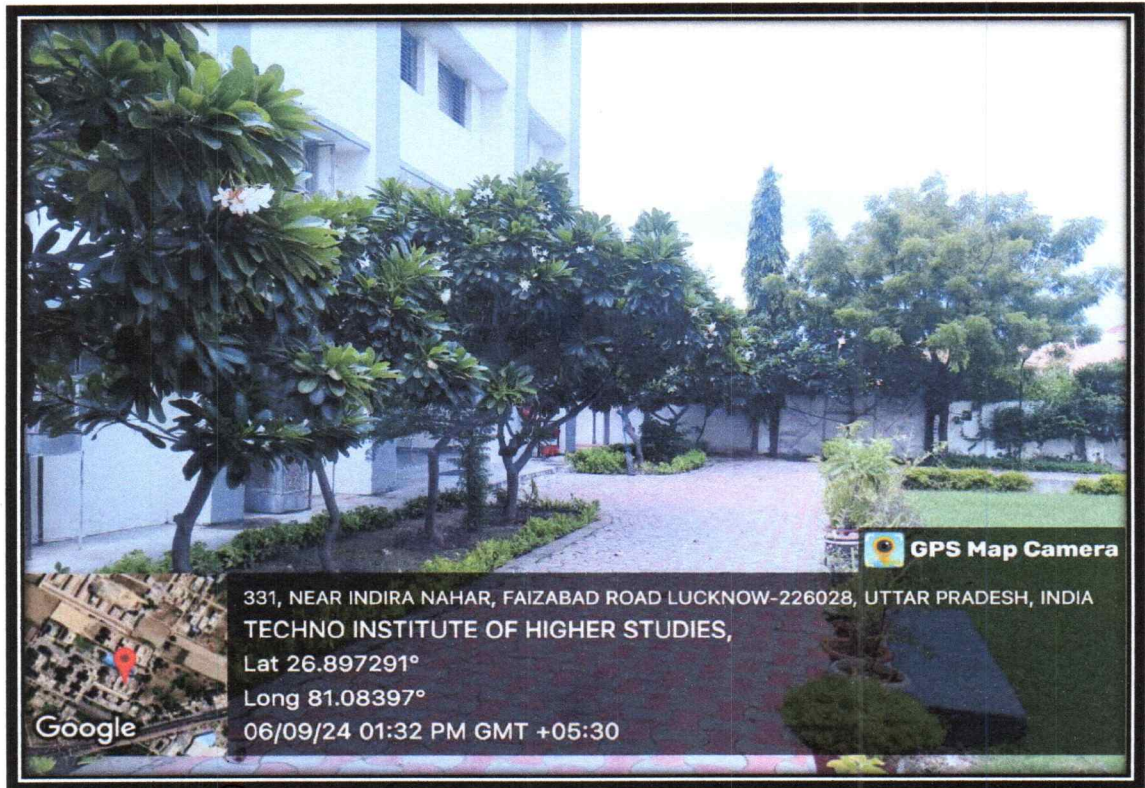

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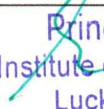


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PLANT DIVERSITY OF THE CAMPUS

2024



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Documentation of 'Plant Diversity' of Techno Institute of Higher Studies, Lucknow Campus

Techno Institute of Higher Studies (TIHS) is a place of education and enlightenment enriched by spiritual wisdom and led by strong leadership. Our journey is a testament to the transformative power of education and the indomitable spirit of those who have shaped our institution.

Biodiversity is a vital natural resource essential for the survival of all living organisms, including humans. Our institution is dedicated to preserving this biodiversity. The campus is a lush, green haven, home to a rich variety of plant life. From herbs to towering trees, ornamental plants to medicinal species, and from majestic palms to vibrant flowering plants, the diverse flora enhances the beauty of the landscape, creating a serene and verdant environment.

Techno Institute of Higher Studies, established on 27th August 2011, is a renowned institution affiliated with the University of Lucknow, dedicated to providing holistic education. Among its many academic initiatives, the Department of Science (Botany) has undertaken the important task of documenting the rich plant diversity found on the campus. This project not only enhances the educational experience for students but also plays a vital role in promoting environmental awareness.

By systematically cataloging the plant species on campus, the department offers students the opportunity to gain detailed, hands-on knowledge of the local flora. This initiative fosters a deeper understanding of the importance of biodiversity and highlights the need for conservation of plant species, which is crucial in today's rapidly changing environmental landscape. For Botany students, this documentation project acts as a valuable academic resource. It helps them learn how to locate and identify various plant species, while also enabling them to gain a comprehensive understanding of plant biology and its connection to the broader ecosystem, including animal life.


Prepared By
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Front Garden



Right Gallery



Back Ground








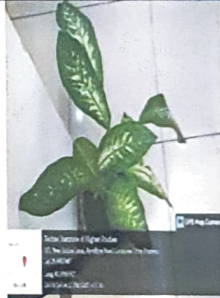
Overview of Back Ground


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HERBS

S. No.	Botanical Name	Type of Plant	Vernacular Name	Family	Uses	Plant
1	<i>Alternanthera brasiliana</i> (L.) Kuntze	Herb	Ruby Leaf	Amaranthaceae	Uses in the treatment of infections caused by pathogenic microorganisms	
2	<i>Syngonium podophyllum</i> Schott	Herb	Arrowhead plant	Araceae	Air purification/Ornamental Plant	
3	<i>Epipremnum aureum</i> (Linden & André) G.S.Bunting	Herb (Climber)	Golden Pothos	Araceae	Ornamental plant	




4	<i>Coleus scutellarioides</i> (L.) Benth	Herb	Painted Nettle	Lamiaceae	People use coleus for chest pain, asthma, eczema, heart failure, high blood pressure, obesity, and many other conditions,	
5	<i>Xanthosoma sagittifolium</i> (L.) Schott	Herb	Elephant Ear	Araceae	Used as food and to prevent and treat bone diseases, such as osteoporosis, in traditional Brazilian medicine.	
6	<i>Dieffenbachia seguine</i> (Jacq.) Schott	Herb	Dumb Cane	Araceae	Ornamental Plant	


7	<i>Hemerocallis fulva</i> (L.) L.	Herb	Orange Daylily	Asphodelaceae	Ornamental plant	
8	<i>Codiaeum variegatum</i> (L.) A. Juss.	Herb	Variegated Croton	Euphorbiaceae	To treat amoebic dysentery and stomach ache	
9	<i>Zephyranthes rosea</i> Lindl.	Herb	Pink rain lily	Amaryllidaceae	Whole plants are utilized as traditional medicines to treat various diseases such as diabetes mellitus, infantile convulsion epilepsy, tetanus.	


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
10	<i>Aloe vera</i> L.	Herb	Aloe	Liliaceae	Medicinal, insect repellent and used in cosmetics	
11	<i>Tagetes petula</i> L.	Herb	French Marigold	Asteraceae (Compositae)	Ornamental and flowers yield yellow dye used to dye cotton	
12	<i>Sphagneticola trilobata</i> (L.) Pruski	Herb	Yellow Creeping Daisy, Singapore Daisy,	Asteraceae (Compositae)	It is used to treat back pain, muscle cramps, gout, stubborn wounds, sores and swelling and painful joints of arthritis	

13	<i>Asparagus densiflorus</i> (Kunth) Jessop	Herb	Shatawari	Asparagaceae	It is used as a medicinal herb against heart problems, dizziness and bee stings, as well as a laxative	
14	<i>Tradescantia pallida</i> (Rose) D.R. Hunt	Herb	Purple Heart	Commelinaceae	The plant is used medicinally for treating breast infections and wounds, haemorrhoids and inflammation, as a diuretic, as a poultice for closed fractures, contusions, rheumatism and sprains, to aid getting rid of excess water from the body and for easing childbirth.	
15	<i>Ocimum tenuiflorum</i> L.	Herb	Tulasi	Lamiaceae (Labiatae)	Medicinal plant and Treatment of bronchitis, malaria, diarrhea, dysentery, skin disease, arthritis, eye diseases,	




16	<i>Portulaca grandiflora</i> Hook	Herb	Mau rose, Japanese Rose and Sun Plant	Portulacaceae	Leaves are used in the treatment of scurvy and in Chinese medicine it is used to treat various tumors.	
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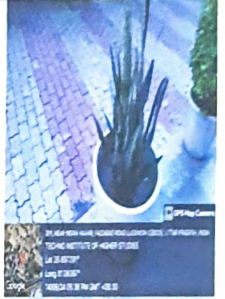

SHRUBS


S. No.	Botanical Name	Type of Plant	Vernacular Name	Family	Uses	Plant
1	<i>Tabernaemontana divaricata</i> (L.) R.Br. ex Roem. & Schult.	Shrub	Crape Jasmine	Apocynaceae	The roots, leaves, and flowers are all used to treat snake and scorpion poisoning.	


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2	<i>Cycas revoluta</i> Thunb.	Shrub	Sago Palm or Queen Palm	Cycadaceae (Gymnosperm)	Ornamental plant	
3	<i>Murraya exotica</i> L.	Shrub	Orange Jasmine	Rutaceae	Ornamental, stimulant and astringent, used in the treatment of diarrhoea, dysentery, joint pain, body aches and venereal diseases.	
4	<i>Acalypha wilkesiana</i> Müll. Arg.	Shrub	Copperleaf	Euphorbiaceae	Used to treat fungal skin diseases	


5	<i>Tecoma stans</i> (L.) Juss. ex Kunth	Shrub	Yellow trumpet flower	Bignoniaceae	Its primary applications have been in treating diabetes and digestive problems	
6	<i>Dracaena trifasciata</i> (Prain) Mabb.	Shrub	Snake plant	Asparagaceae	Ornamental plant	
7	<i>Rhapis excelsa</i> (Thunb.) A. Henry	Shrub	Broadleaf lady palm	Arecaceae	Ornamental plant	


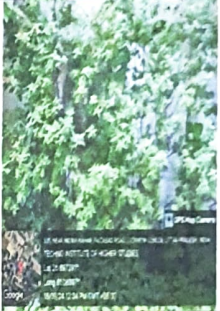
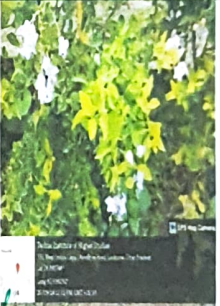

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8	<i>Cordyline fruticosa</i> (L.) A. Chev.	Shrub	Ti plant	Asparagaceae	Ornamental plant	
9	<i>Gardenia jasminoides</i> J.Ellis	Shrub	Gandhraaj	Rubiaceae	Used orally to treat fever and upset, jaundice and red urine, blood drenching and astringent pain, coveet swelling and pain, fire toxin sores and sores	
10	<i>Hibiscus schizopetalus</i> (Dyer) Hook.f.	Shrub	Fringed rosemallow	Malvaceae	Ornamental plant	





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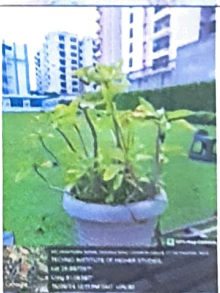
11	<i>Mirabilis jalapa</i> L.	Shrub	Four o'clock plant	Nyctaginaceae	It is used to cure many infirmities including dysentery, muscular pain and abdominal colic.	
12	<i>Hamelia patens</i> Jacq.	Shrub	Firecracker shrub or Fire bush	Rubiaceae	Used to treat a variety of ailments, including athlete's foot, skin problems, insect bites, psychiatric disorders, rheumatism, headaches, asthma, dysentery, menstrual cycles, and ovarian and uterine disorders	
13	<i>Duranta erecta</i> Linn.	Shrub	Golden dew Drops	Verbenaceae	Antimicrobial, Antioxidant, Antiviral, Insect repellent	



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14	<i>Hibiscus sinensis</i> L.	<i>rosa</i>	Shrub	Gurhal, China Rose or Shoe Flower	Malvaceae	Ornamental, in the treatment of cough, cold, fever, loss of appetite, muscle pain, to encourage thicker hair growth and to stop premature graying.	
15	<i>Asparagus officinalis</i> L.		Shrub	Lily of the Nile	Liliaceae	Ornamental and medicinal	
16	<i>Jasminum</i> (L.) Aiton	<i>sambac</i>	Shrub	Arabian jasmine	Oleaceae	Healing agent for painful periods, skin infections, and backaches	



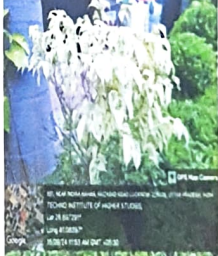
17	<i>Himatanthus drasticus</i> (Mart) Plumel	Shrub	Janaguba	Apocynaceae	Plant is used in popular medicine to inflammation, gastric ulcers and tumors.	
18	<i>Volkameria inermis</i> L.	Shrub	Garten or Jangali Chameli	Lamiaceae	Used in Ayurvedic medicine for the treatment of rheumatism, skin disease, venereal infections, beri-beri and tumours7.	
19	<i>Canna indica</i> L.	Shrub	Canna lily and Indian shot	Cannaceae	Used to treat menstrual pains	



20	<i>Catharanthus roseus</i> (L.) G. Don.	Shrub	Sadabahar	Apocynaceae	Plant is used in cancer and diabetes	
21	<i>Euphorbia tithymaloides</i> L.	Shrub	Sipper Flower	Euphorbiaceae	The latex has been used topically to treat calluses, ear ache, insect stings, ringworm, skin cancer, toothache, umbilical hernias, and warts.	
22	<i>Kalanchoe pinnata</i> (Lam.) Pers.	Shrub	Cathedral bells	Crassulaceae	treat gastric ulcers, respiratory infections, boils, wounds, and rheumatoid arthritis	

23	<i>Punica granatum L.</i>	Shrub	Pome granate	Punicaceae	Juice preventing prostrate cancer, diabetes, rinoviral infection, common cold, brain injury and kidney disease.	
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TREES

S. No.	Botanical Name	Type of Plant	Vernacular Name	Family	Uses	Plant
1	<i>Averrhoa arambola L.</i>	Tree	Kamrakh Fruit or Star fruit	Oxalidaceae	Improves heart health, the potassium in star fruit helps lower your blood pressure, which lowers your risk of a heart attack or stroke.	

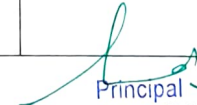
2	<i>Yucca aloifolia</i> L.	Tree	Dagger Plant	Asparagaceae	Ornamental and in manufacturing, yucca extract is used as a foaming and flavoring agent in carbonated beverages.	
3	<i>Psidium guajava</i> L.	Tree	Guava	Myrtaceae	People use guava leaf for stomach and intestinal conditions, pain, diabetes, and wound healing, and their fruits are edible	
4	<i>Ficus benjamina</i> L.	Tree	Weeping Fig	Moraceae	Ornamental plant	


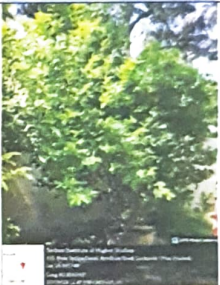

5	<i>Mangifera indica</i> L.	Tree	Mango	Anacardiaceae	Anticancerous, antioxidant, used in the preparation of jams, juice, jellies pickles	
6	<i>Neolamarckia cadamba</i> (Roxb.) Bosser	Tree	Burflower-tree or Kadamb	Rubiaceae	Antivenom activity; Antioxidant activity Antidiabetic activity; Antitumor activity	
7	<i>Casuarina equisetifolia</i> L.	Tree	Beach and heoak	Casuarinaceae	The bark is used to treat dysentery and diarrhoea.	


8	<i>Ficus religiosa</i> L.	Tree	Indian Laurel or Bargad	Moraceae	Air-Purifying Powerhouse and used in cure of diabetes, liver disorders, diarrhea, inflammatory conditions, hemorrhoids, respiratory, and urinary diseases.	
9	<i>Plumeria alba</i> L.	Tree	Frangipani	Apocynaceae	Ornamental, medicinal, latex is applied to ulcer	
10	<i>Jacaranda mimosifolia</i> Juss.	Tree	Jacaranda	Bigoniaceae	Used in an ointment for healing wounds	

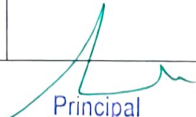
11	<i>Dracaena draco</i> L.	Tree	Dragon tree	Asparagaceae	Ornamental Plant	
12	<i>Citrus aurantium</i> L.	Tree	Sour Orange	Rutaceae	Used in treatment of indigestion, diarrhea, dysentery, and constipation	
13	<i>Ficus microcarpa</i> L.f.	Tree	Chinese banyan	Moraceae	Ornamental plant	

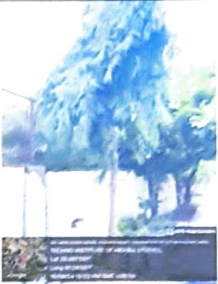



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14	<i>Araucaria cookie</i> , R. Br. Ex D. Don.	Tree	Christmas tree	Auracariaceae (Gymnosperm)	Ornamental plant, widely used for decorating during Christmas festival	
15	<i>Citrus maxima</i> (Burm.) Merr.	Tree	Pomelo	Rutaceae	Is used to combat sickness, intestinal ailments, skin conditions, gout, scurvy and even used as an antidote to poison and as an antiseptic during times of plague.	
16	<i>Washingtonia robusta</i> H.Wendl	Tree	Mexican fan palm	Areaceae	Ornamental plant	



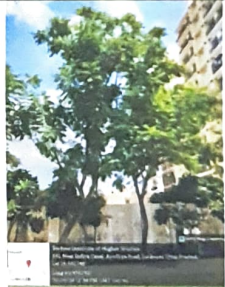

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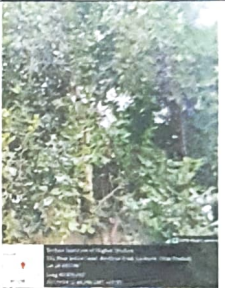

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17	<i>Monoon longifolium</i> Sonn. B.Xue & R.M.K.Saunders	Tree	False Ashoka	Annonaceae	Used In Treatment Of Fever, Skin Diseases, Diabetes, Hypertension And Helminthiasis.	
18	<i>Azadirachta indica</i> L.	Tree	Neem	Meliaceae	Medicinal, antifungal, antibacterial, antiviral, contraceptive and sedative, used in the preparation of toothpaste and soaps	
19	<i>Leucaena leucocephala</i> (Lam.) de Wit	Tree	River tamarind	Fabaceae	Ornamental, firewood and as a soil stabiliser	


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20	<i>Tamarindus indica</i> L.	Tree	Imli	Fabaceae	The dried pulp was also found to have anti-hypertensive effects, reducing diastolic blood pressure.	
21	<i>Phyllanthus emblica</i> L.	Tree	Indian gooseberry or Amla	Phyllanthaceae	Amla reduces the number of free radicals in the body through its antioxidant properties.	
22	<i>Delonix regia</i> (Boj. ex Hook.) Raf.	Tree	Gulmohar	Fabaceae	It has medicinal properties like antibacterial, antifungal, anti-inflammatory, antimalarial, antimicrobial, antioxidant, cardio-protective, gastro protective, and wound healing activity.	

23	<i>Roystonea regia</i> (Kunth) O.F. Cook	Tree	Cuban Royal Palm	Arecaeae	Ornamental Plant	
24	<i>Syzygium cumini</i> (L.) Skeels.	Tree	Jamun, Java plum or Indian blackberry	Myrtaceae	It is a suitable source of iron and ascorbic acid, and it can even help with heart and liver problems	


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TECHNO INSTITUTE OF HIGHER STUDIES

(AFFILIATED TO UNIVERSITY OF LUCKNOW, LUCKNOW)

Policy Document on the Green Campus Initiative and Plastic free Campus

The Techno Institute of Higher Studies, established in 2011 in Lucknow district, Uttar Pradesh, serves as a leading center of higher education. The residents of Lucknow, and more broadly Uttar Pradesh, are deeply committed to nature conservation and sustainable practices. This highlights the critical importance of environmental protection and maintaining a balance between human activity and the natural world. As a gateway to higher learning for the local population, our institution bears the responsibility of safeguarding and preserving the environment.

Scope of the Policy

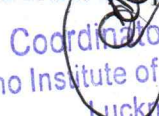
This policy aims to foster new co-curricular and extracurricular activities that empower students to initiate change and more importantly medium for change. These initiatives require a thorough assessment of all administrative, co-curricular, and infrastructural activities through the lenses of energy efficiency, sustainability, and environmental stewardship. The key areas of focus for this policy include:

- **Clean Campus Initiatives**
- **Landscaping Initiatives**
- **Clean Air Initiatives**
- **Alternative Energy Sources and Installation of Energy Efficiency Equipment**
- **Water Conservation Measures**
- **Waste Management Practices**
- **Environmental Awareness Programs**
- **Environmental Audits**

Objectives of the Policy

The primary objectives of this policy are to:

- Integrate environmental considerations into the institution's policies, strategies, and programs for social development and outreach.
- Protect and preserve the ecological systems and resources on campus.


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- Ensure the wise use of environmental resources to meet the needs and aspirations of both current and future generations.
- Collaborate with all stakeholders, including the local community, to promote environmentally responsible practices, increase awareness, and mitigate negative environmental impacts.
- Continuously improve the efficient use of resources, including water and energy, reduce consumption and waste generation, and promote the recovery and recycling of materials wherever feasible.
- Conduct periodic environmental and energy audits.
- Reduce paper usage in administration through e-governance policies and minimize plastic use on campus.


Policy on Environment and Green Initiatives

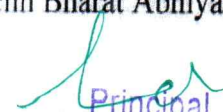
As part of the Institutional Policy on Environment and Green Initiatives, the following methods and operational procedures are established to be followed within the college across various criteria:


Clean Campus Initiatives

At Techno Institute of Higher Studies, cleanliness is regarded as an essential aspect of an educated individual's personality, encompassing both environmental and personal hygiene. We are committed to providing proper education and fostering a culture of awareness among our students regarding these crucial issues. In alignment with the objectives of the "Swachh Bharat Abhiyan", the college actively plans and supports cleaning initiatives both on and off campus.

- The college administration will spearhead the clean campus initiative, ensuring that resources, personnel, and waste management methods are adequately allocated throughout the year.
- To graduate, every undergraduate student may be required to take an environmental science course as part of the curriculum, integrating the importance of environmental protection into their education.
- Students and staff will be educated about cleanliness and hygiene through awareness campaigns and cleaning initiatives, encouraging proactive participation. Staff members will lead by example by participating in campus cleaning activities.
- Community service projects led by volunteers from the college's Rotaract Clubs will incorporate activities aligned with the "Swachh Bharat Abhiyan."


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- To engage students, the college will organize various activities such as poster and slogan contests, essay writing, spoken word poetry, and speeches etc. centered on the theme of "Swachh Bharat".
- Rallies and awareness campaigns related to the "Swachh Bharat Abhiyan" will be held on and around the college campus to raise public awareness.
- Proper disposal of all waste materials, including e-waste, broken furniture, and obsolete equipment, will be ensured.
- Students will receive training in waste disposal and maintaining campus cleanliness, particularly during college events.

Landscaping Initiatives

A college's values are reflected in its campus environment, much like they are in its buildings. Landscaping is a vital part of campus life, providing spaces for study, recreation, outdoor activities, relaxation, and aesthetic enjoyment. Moreover, green landscaping helps manage runoff, aids in groundwater recharging, and purifies and cools the campus air. The landscaping on campus serves as a visible and accessible demonstration of the college community's commitment to sustainability.

- Our campus boasts large area of grass, more than 50 trees, and over 150 plants, creating a serene environment that offers clean, cool air to the 1500+ students and staff. The diverse vegetation supports various species of animals and birds, making the campus highly biodiverse.
- The college demonstrates its commitment to enhancing and preserving this healthy ecosystem by supporting annual tree-planting campaigns and encouraging student organizations to host tree-planting activities.

Clean Air Initiatives

As part of the Institutional Policy on Environment and Green Initiatives, we are committed to improving air quality both on and around the campus. Our efforts include:

- **Promotion of Public Transit:** We encourage the use of public transportation among students and staff to reduce individual carbon footprints.
- **Carpooling Advocacy:** We promote carpooling as a means of reducing air pollution while enhancing social interaction among students and staff.
- **Campus as a Green Lung:** The campus's rich natural environment acts as an extension of the region's green lung, helping to purify the air on campus.
- **Tobacco-Free Campus:** In compliance with the guidelines set by the National Tobacco Control Programme (NTCP), the college strictly prohibits the use of tobacco products, including smoking, within the campus.

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- **Waste Management:** We refrain from burning waste and instead adopt eco-friendly recycling methods to manage waste materials.

Alternative Energy Sources and Installation of Energy Efficiency Equipment

We are committed to minimizing and sustainably managing the consumption of electricity generated from non-renewable resources by transitioning to clean energy alternatives. Our initiatives include:

- **Adoption of Solar Energy:** We are transitioning to solar energy for various purposes, such as lighting the campus, thereby reducing our reliance on non-renewable energy sources.
- **Installation of Energy-Efficient Appliances:** The college is committed to installing environmentally friendly electrical appliances that conserve energy and reduce inefficiencies. Our preference is to use cleaner energy options, such as LED lighting, across the campus.

Water Conservation and Management

While our region is naturally abundant in water resources, we remain dedicated to efforts aimed at replenishing the groundwater table through rainwater harvesting methods, including pits and channels. Our approach to water management includes:

- **Maintenance of Water Fixtures:** Ensuring all water fixtures are leak-proof.
- **Minimization of Water Waste:** Actively working to reduce unnecessary water use and wastage.
- **Immediate Response to Leaks:** Prompt action to repair any leaks in taps, pipes, tanks, or flush systems.
- **Study of Wastewater Reuse:** Investigating the potential for wastewater reuse to further conserve water resources.

Waste Management Processes

We are dedicated to reducing and managing waste produced on the college campus to minimize its negative impact on the environment. Our goal is to offer a holistic education that positively impacts the environment by adopting practices that mitigate waste generation and efficiently manage solid and liquid waste through the following methods:

- **Practice of the Three Rs:** We consistently implement the principles of “Reduce, Reuse, and Recycle” to promote environmental friendliness.
- **Paper Waste Collection and Recycling:** Paper waste generated on campus is collected and partnered with recyclers to explore new uses for it.
- **Reducing Solid Waste:** We aim to reduce solid waste by incorporating a teaching and management approach that emphasizes technological solutions.

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- **Support for Digitization:** We encourage the digitization of attendance and internal assessment records to cut down on paper usage. Additionally, by expanding the college library's collection of e-books and e-journals, we aim to reduce the reliance on printed books.
- **Online Assignment Submission:** We plan to encourage faculty and students to submit assignments online to further reduce paper use.
- **Food Waste Reduction Education:** Steps are taken to educate students on minimizing food waste and adopting strategies to reduce it.
- **Reduction of Packaged Food Consumption:** We advocate for reducing the amount of packaged food consumed on campus.
- **Recycling and Reuse of Non-Biodegradables:** Wherever possible, non-biodegradable materials are recycled and reused.
- **Solid Waste Management Workshops:** Workshops on solid waste management are conducted for students to raise awareness and improve practices.
- **Study on Wastewater Reuse:** Research is conducted on the possibility of reusing wastewater, contributing to our overall conservation efforts.

E-Waste Management

Techno Institute of Higher Studies is committed to ensuring that the use of technology and the generation of e-waste do not harm the environment. Our efforts in this area include:

- The college plans to collaborate with e-waste recycling companies to ensure the responsible recycling of electronic waste.
- We actively create awareness among students about reducing e-waste and promoting environmentally friendly disposal practices.
- We encourage departments and student societies to organize activities that focus on e-waste management and promote eco-friendly practices.

Awareness Programs on Environmental Protection

Outreach and education are critical for ensuring that all campus community members value and contribute to the policy's objectives. To this end, we support and promote:

- **Awareness Campaigns and Educational Initiatives:** We encourage awareness campaigns, seminars, workshops, conferences, and interactive sessions to effectively implement the Green Campus, Energy, and Environment policies.
- **Departmental and Student Organizations:** We support specific student organizations, competitions, and training sessions at the department level that foster positive environmental changes from the ground up. The college is committed to


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helping departments and student associations shape students into active agents of environmental protection and conservation.

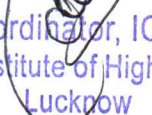
Environmental Audits


To ensure that the initiatives laid out in our policy are effectively implemented and continuously improved, the college will carry out regular environmental audits. These audits will include:

- **Energy Audits:** We will regularly assess our energy consumption patterns, focusing on areas where energy efficiency can be improved, and identifying opportunities for incorporating renewable energy sources.
- **Water Audits:** Regular audits of water usage will be conducted to ensure the efficiency of our water conservation efforts, particularly in leak detection, repair, and the effectiveness of rainwater harvesting systems.
- **Waste Audits:** Our waste management processes, including solid and liquid waste disposal and e-waste handling, will be regularly reviewed to ensure compliance with environmental standards and to identify opportunities for improvement.
- **Green Audits:** A comprehensive audit will evaluate all aspects of the campus environment, from green landscaping to air quality initiatives, ensuring that the campus continues to function as a model of environmental sustainability.

Conclusion

The Green Campus initiative and Plastic-Free Campus policy at Techno Institute of Higher Studies serves as a blueprint for creating a sustainable and environmentally responsible academic community. Through a combination of education, engagement, and accountability, we aim to inspire students, staff, and the local community to commit to the stewardship of our environment, ensuring that our campus remains a green oasis that promotes learning and well-being.


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