

Green Campus Policy of Gandhi Academy of Technology and Engineering



Green Campus Policy-Gandhi Academy of Technology and Engineering (Policy No: GATE-03/2021-22/ 12.07.2022)

[Signature]
Principal
Gandhi Academy of
Technology and Engineering, Berhampur

Message from Chairman

Dear Members of Gandhi Academy of Technology & Engineering Community, I hope this message finds you all in good health and high spirits. Today, I am both honoured and excited to address you regarding a significant milestone in our institution's journey – the introduction of our Green Campus Policy.



As Chairman, I am deeply committed to the values of sustainability, environmental responsibility, and the well-being of our global community. Our Green Campus Policy represents a bold step forward in aligning our institution with these essential principles. It is a declaration of our commitment to a more sustainable future, not only for our institution but for the world at large.

This policy is not just a document; it's a pact that binds us all. It calls for collective action, innovative thinking, and a dedication to make sustainable choices in our daily lives. From conserving energy and water to reducing waste and promoting eco-friendly transportation, every action we take contributes to a more sustainable campus and a brighter future.

I urge each and every one of you to embrace our Green Campus Policy wholeheartedly. Attend the workshops and seminars, participate in sustainability initiatives, and make eco-conscious choices in your personal and professional lives. Let us be role models for our students and demonstrate that we practice what we preach.

Our commitment to a green campus is not just a reflection of our values; it is a statement about the kind of institution we aspire to be. We will measure our progress, celebrate our successes, and adapt our strategies as needed. Our Green Campus Policy is a living document that will evolve with our institution's growth and changing environmental challenges.

In conclusion, let us embark on this journey together with enthusiasm, determination, and a shared vision of a greener, more sustainable future. Our actions today will shape not only the future of our institution but also contribute to the global effort to protect and preserve our planet for generations to come.

Thank you for your dedication to this crucial cause.

Sincerely,
Dr. Satya Prakash Panda,
Chairman,
Gandhi Academy of Technology and Engineering


Principal
Gandhi Academy of
Technology and Engineering, Berhampur



Message from Principal

Dear Members of our Campus Community, I hope this message finds you all in good health and high spirits. Today, I am delighted to share with you an important initiative that reflects our commitment to a better future – our Green Campus Policy.



As we embark on this journey towards a greener and more sustainable campus, I want to emphasize the significance of our collective efforts. This policy is not just a set of guidelines; it's a shared vision, a promise, and a call to action. It's a testament to our dedication to safeguarding our environment, conserving resources, and providing our students with a holistic education that encompasses both academic excellence and a deep respect for our planet.

Our Green Campus Policy encompasses a wide range of initiatives, from energy and water conservation to waste reduction and biodiversity preservation. It involves every member of our campus community, from students and faculty to staff and administration. Each one of us has a role to play, and every small action can make a significant difference.

In the coming months and years, we will measure our progress, celebrate our achievements, and adapt our strategies as needed. Our Green Campus Policy is a living document that will evolve as we learn and grow together.

Thank you for your dedication to this noble cause.

Let's take this opportunity to make a real difference, leaving a legacy of sustainability for generations to come.

With warm regards and high hopes,
Prof.(Dr.) Gouri Shankar Mohapatro,
Principal,
Gandhi Academy of Technology and Engineering



Principal
Gandhi Academy of
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GANDHI ACADEMY OF TECHNOLOGY AND ENGINEERING

(Approved by AICTE, New Delhi, Affiliated to BPUT, Odisha and Recognized by Dept. of SD & TE, Govt. of Odisha)

Contact: +91 9337753377 Ph.: 0680-2280828, Fax: 0680-2010006

P.O/P.S: Golanthara, Konisi, Berhampur- 761008, Dist: Ganjam (ODISHA)

GREEN CAMPUS POLICY

Green Campus

A "green campus" is a location where sustainable and eco-friendly practices are promoted through education and environmental friendly actions. By establishing sustainable solutions to the environmental, social, and economic requirements of humanity, the green campus concept gives an institution the chance to take the lead in reinventing its environmental culture and generating new paradigms.

Objectives of the Go Green Programme

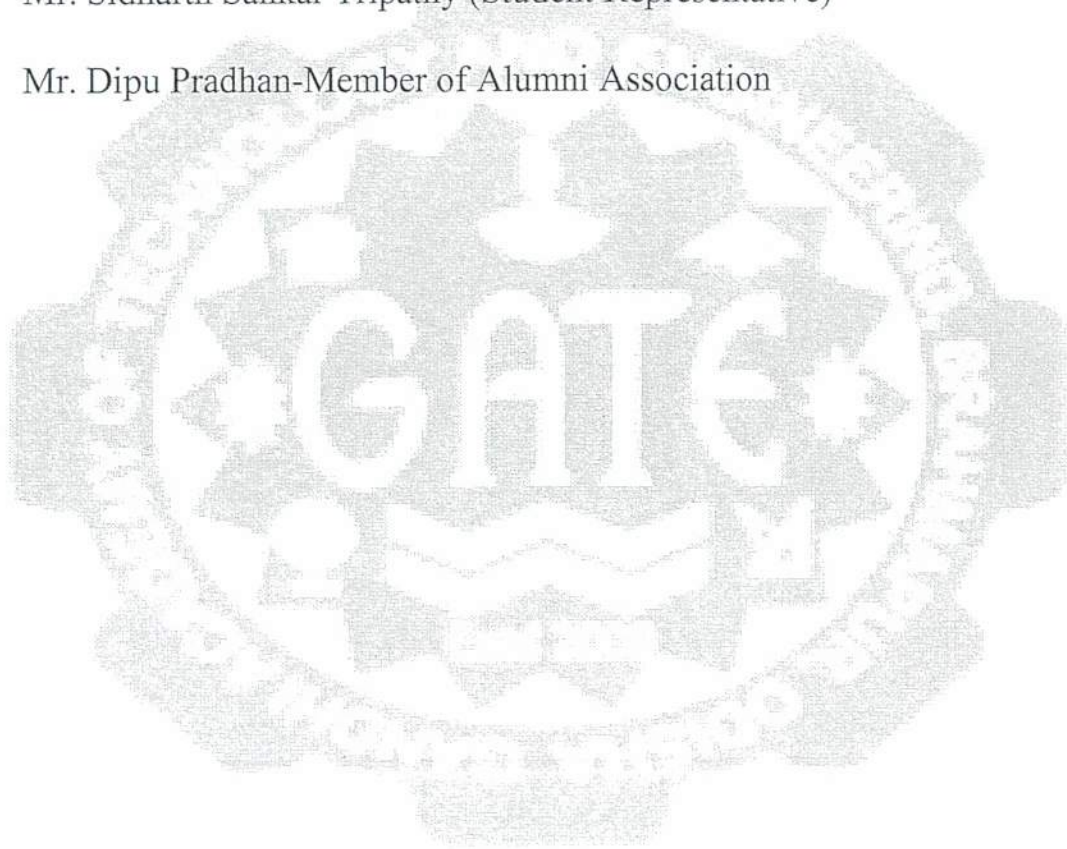
Establishing a functional Green-Campus Committee inside the Institute's organizational framework is the first stage in the Go Green Program. Therefore, we are now releasing a POLICY DOCUMENT outlining the strategies, plans, and other related responsibilities to officially launch this Program in order to offer this endeavor greater credibility and clarity. We think that greening the campus is all about eliminating inefficient waste, using conventional energy sources for daily power demands, treating garbage properly, buying eco-friendly products, and having a strong recycling program. The Institute's administration is of the opinion that everyone must devise time-bound plans for putting into action green campus activities.




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Composition of the Go-Green Committee

- Principal of the college- Prof. (Dr.) Gouri Shankar Mohapatro
- Prof. Manoj Kumar Pattnaik (Coordinator, Nominated by the Principal)
- Mr. Arun Kumar Jena (Office Superintendent)
- Mr. Rajesh Nayak (Parent Representative)
- Mr. Sidharth Sankar Tripathy (Student Representative)
- Mr. Dipu Pradhan-Member of Alumni Association



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Role of the Go-Green Campus Programme

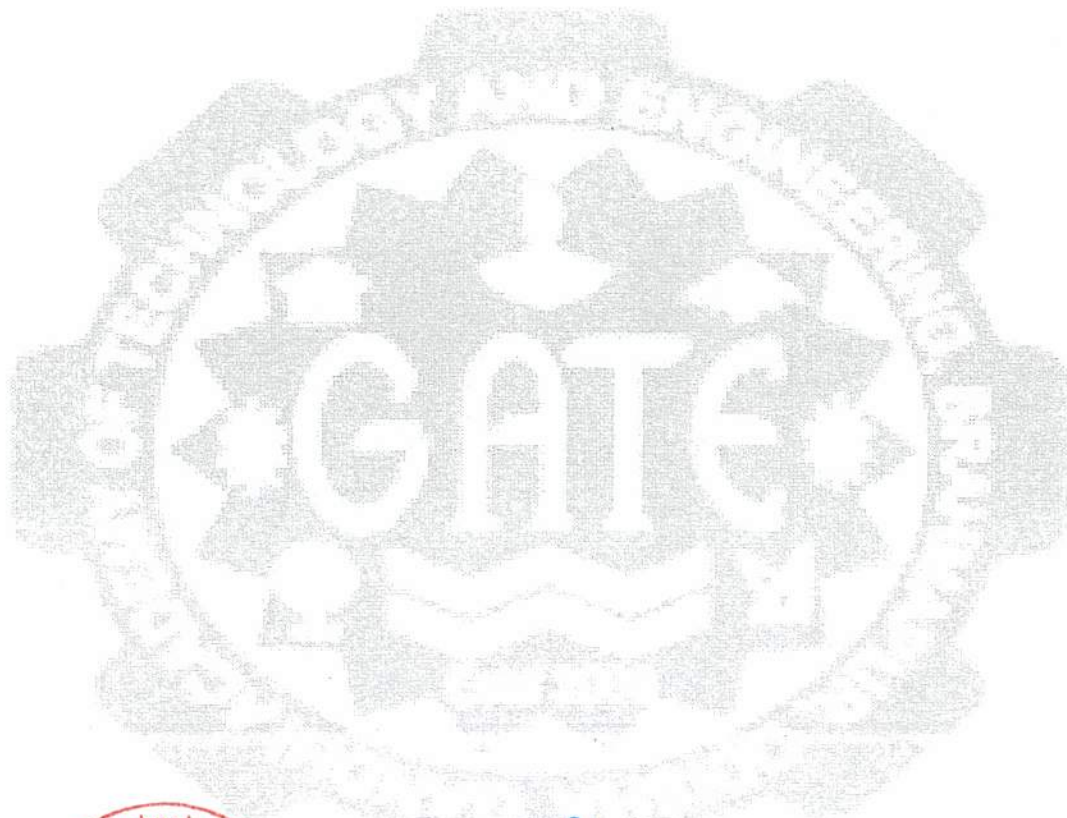
A successful Green Campus must have a central driving force that spreads throughout the entire campus. The group will make and carry out plans to:

1. Seek views of all the Stakeholders to make the Go Green Campus initiative functional throughout the year.
2. Conduct the campus' environmental impacts to identify the targets for improvements.
3. Establish a Green Campus Environmental Ethic awareness campaigns.
4. Set for the Green Campus Mission and a Statement of Principles.
5. Link Green-Campus activities to Academics in the Institute.
6. Organize Awareness Programs for the students, faculty and society.
7. Chart out a yearly planner for the Institute, local community and Stakeholders.
8. Make a strategic strategy and form student teams to execute the plan's detailed responsibilities. For instance, an institute-level energy conservation plan with a deadline would mandate the installation of a solar power station either on top of the institute building or in an open area. As a result, the institute will have a constant supply of power.
9. Phase out the CFL and conventional light source such as bulbs and tube lights, halogen and mercury street/campus lights and get them replace by the LEDs.
10. Conduct an Annual Green, Environment and Energy Audit.
11. Purchase only Energy Efficient Computers viz: "ENERGYSTAR" or any other equivalent
12. Establish public/private partnerships with personnel from federal, state, and local environmental agencies, utilities, and the business community.




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13. Evaluate daily operations in terms of pollution prevention, waste stream management, and energy efficiency reducing, reusing, recycling, and repairing wherever possible.
14. Secure a commitment upfront from the people incharge that well-founded recommendations will be acted upon once audits are completed.



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Promotion of “Save Energy Tips” in and outside the Institute:

- Activate power management features on your computer and monitor so that it will go in to allow power “sleep” mode when you are not working on it.
- Turn off your monitor when you leave your table.
- Activate power management features on your laser printer.
- Whenever possible, shut down rather than logging off.
- Turn off unnecessary lights and use day light instead.
- Avoid the use of decorative lighting.
- Use LED or compact fluorescent bulbs.
- Keep lights off in conference rooms, classrooms, lecture halls when they are not in use.
- Use the fans only when they are needed.
- Unplug appliances not plug get into power strips (like TVs, Refrigerators, ACs, tea/coffeepots, printers, faxes, and chargers etc.)

Wastewater Management /Rainwater harvesting:

The Institute has to concentrate on waste water management, especially in the student residences. Reduced water flow toilets, automatic urinal flushers, and faucet and shower water flow restrictors should all be used on campus. The Institute will conduct waste water management and rainwater harvesting by taking all necessary steps.

Major Green Campus Initiatives:

- Installation of Solar Power Station
- Wastewater Management/Rainwater harvesting
- Development of Sewage Water Treatment Plant
- Sensor based energy conservation



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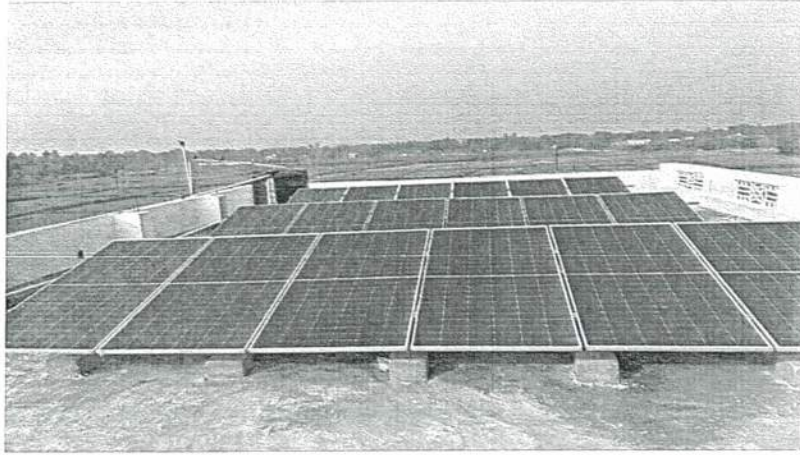
- Displayed poster on E-waste Management
- Maintenance of water bodies and distribution system in the campus
- MIS to make paper less administration
- Plastic free Campus
- Tree Plantation Drive
- Cleanliness Drive
- Landscaping and gardens
- Use of LEDs only
- Digital Library/E-Learning Centre
- Organization of sensitization programmes for the stakeholders
- Establishment of Enviro-Club
- Green, Environment and Energy Audit conducted
- Restricted entry of automobiles inside campus. Bicycles & battery operated vehicles should be used.

The Institute will take all necessary steps to get students, professors, and staff involved in "Green Campus Initiatives" by designating Enviro Club and NSS volunteers and printing T-shirts and caps with a motto created especially for the occasion.

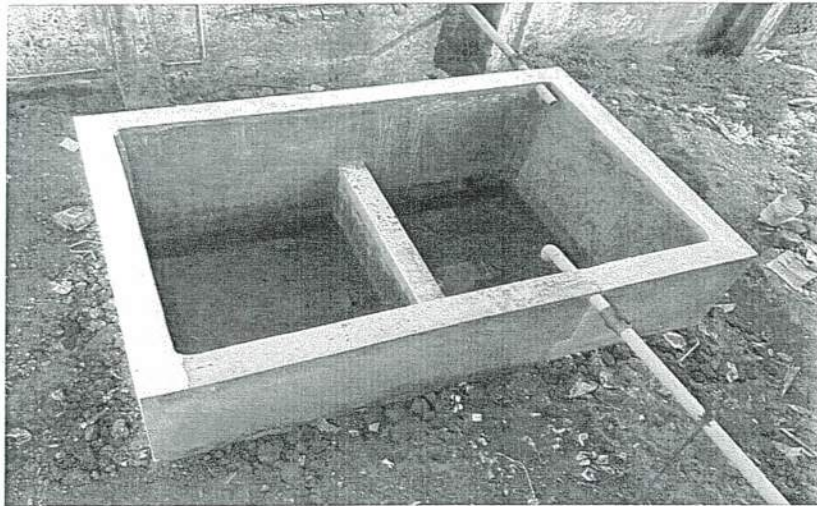
In order to assess the policy's continued relevance and to track compliance, we intend to continue a program of continuous improvement in our processes and procedures.



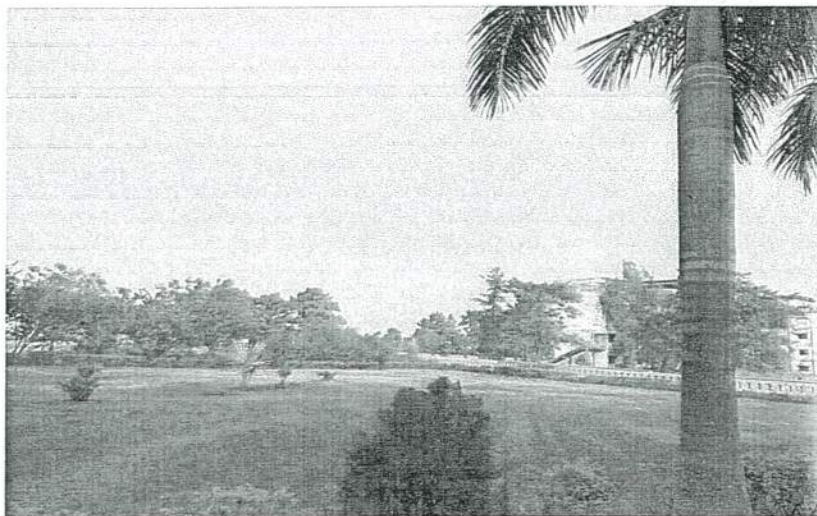
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Solar Panel



Rainwater Harvesting



Plastic Free Campus

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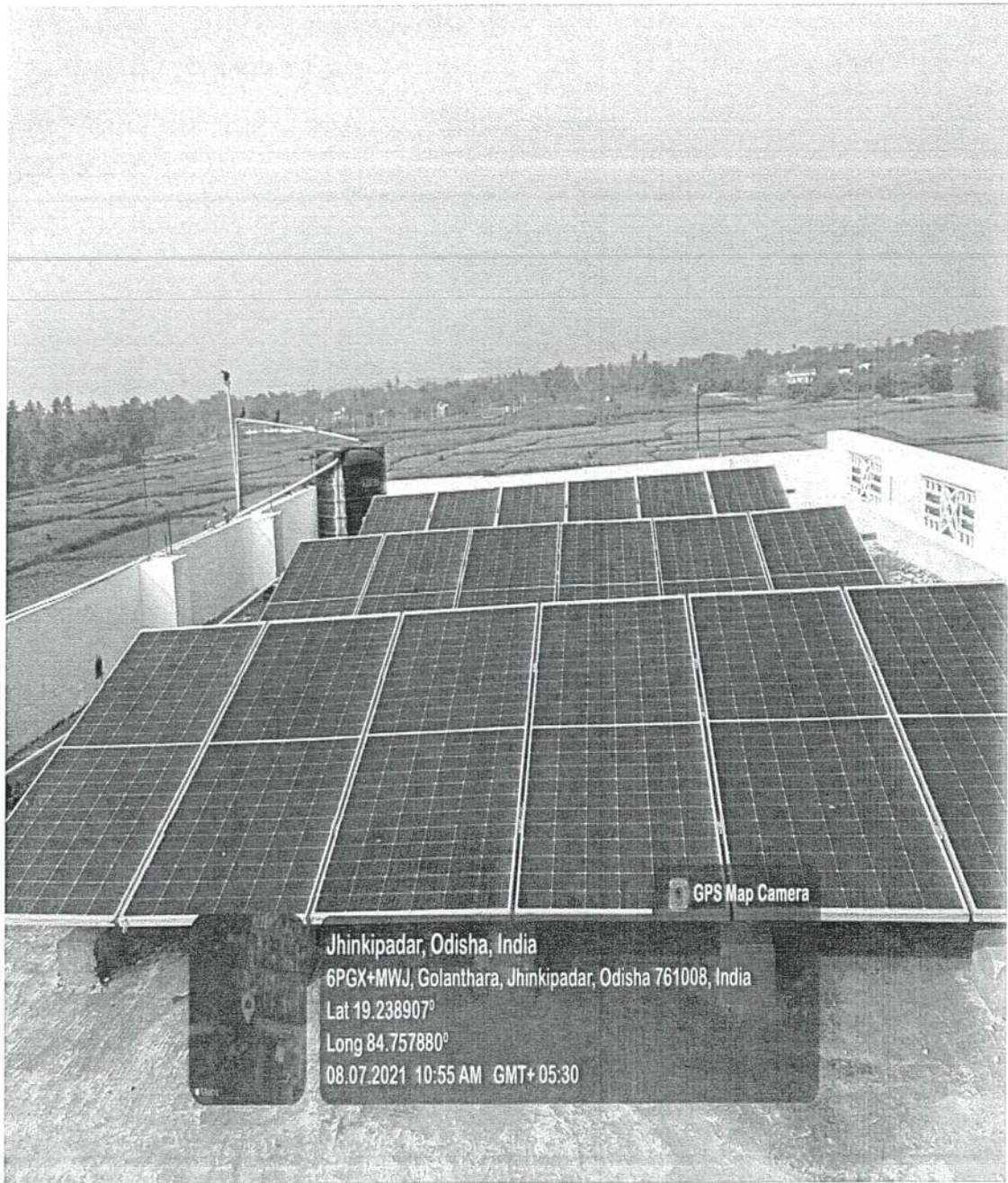


Tree Plantation Drive



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Alternate sources of energy (Solar PV cell)

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Management of the various types of degradable and non-degradable waste by use of dustbins



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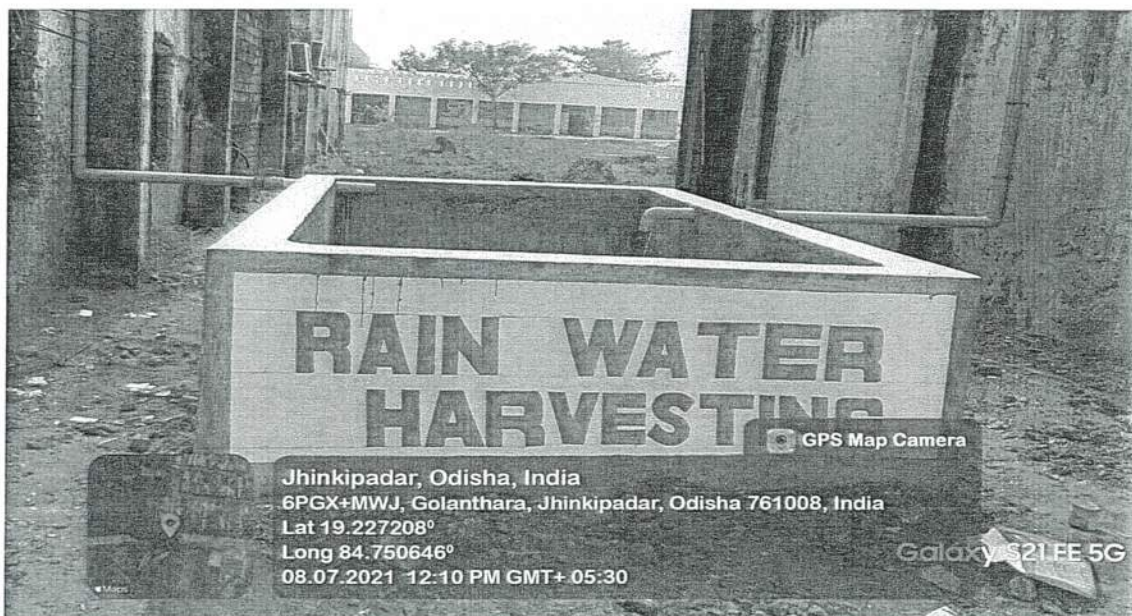


Management of the various types of degradable and non-degradable waste by use of dustbins in different location of institute



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Rain water harvesting facility in institute



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Plantation Program on institute Campus

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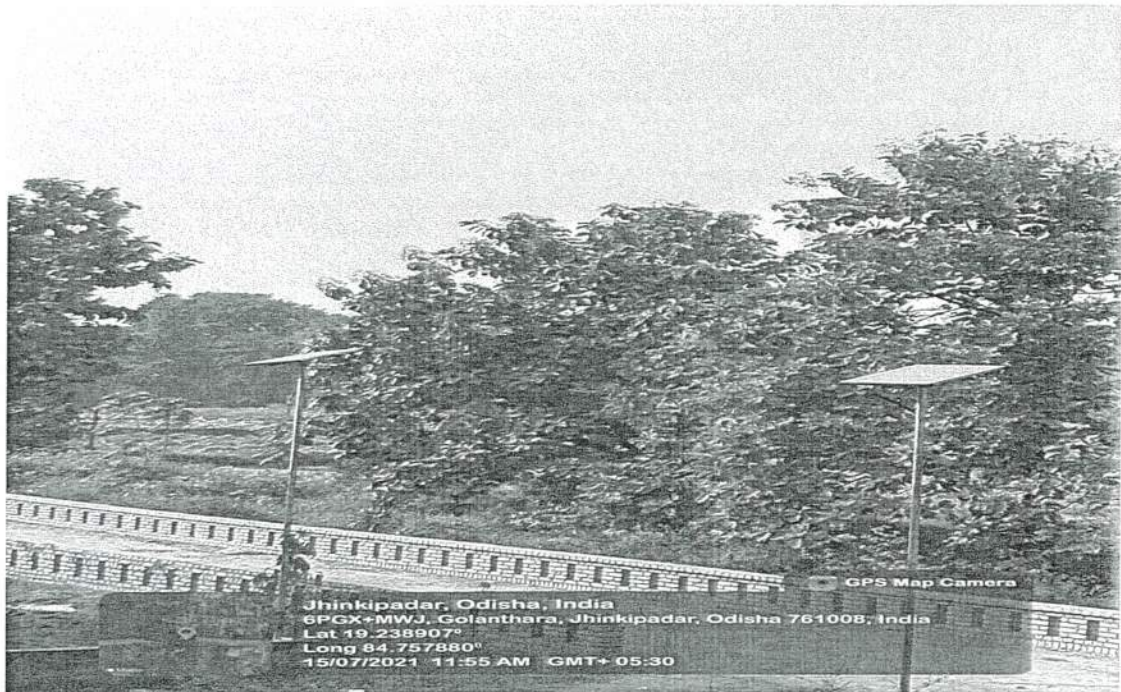
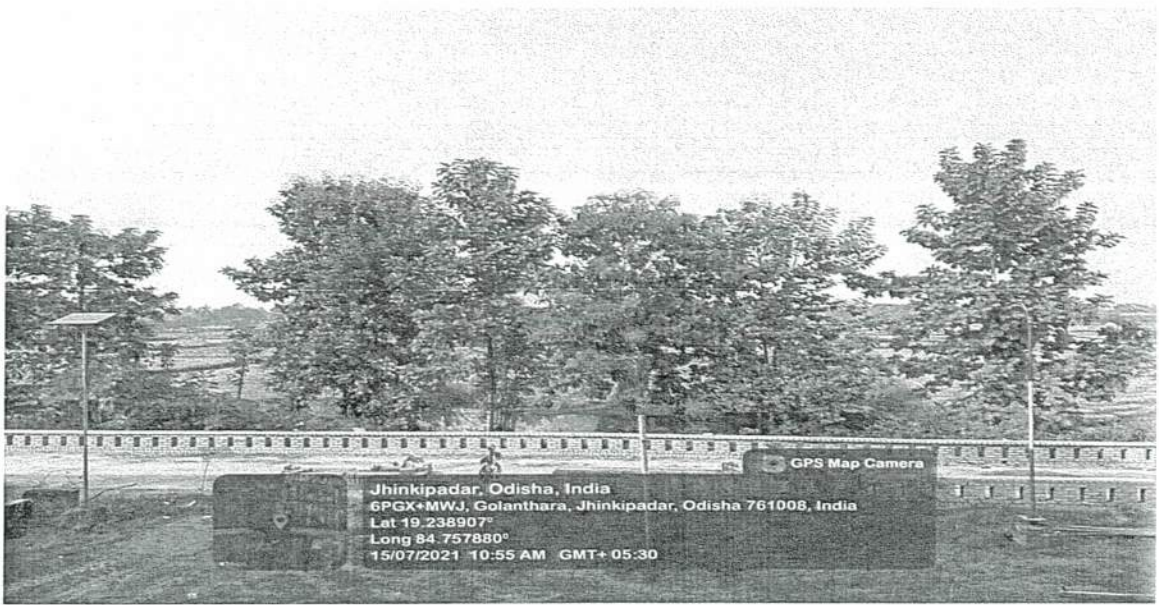
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Solar Street Light

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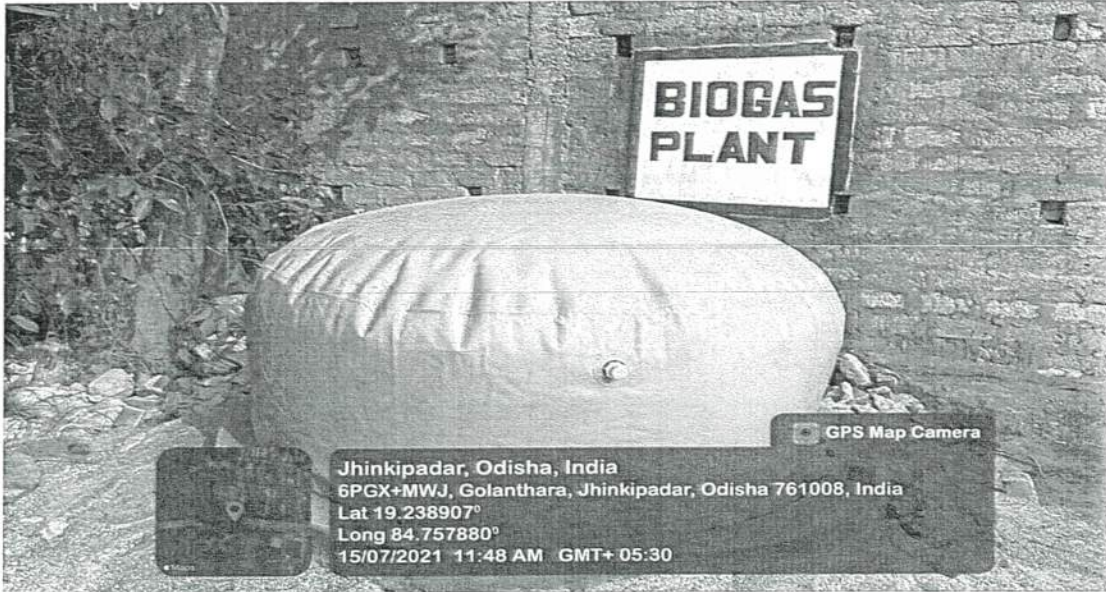
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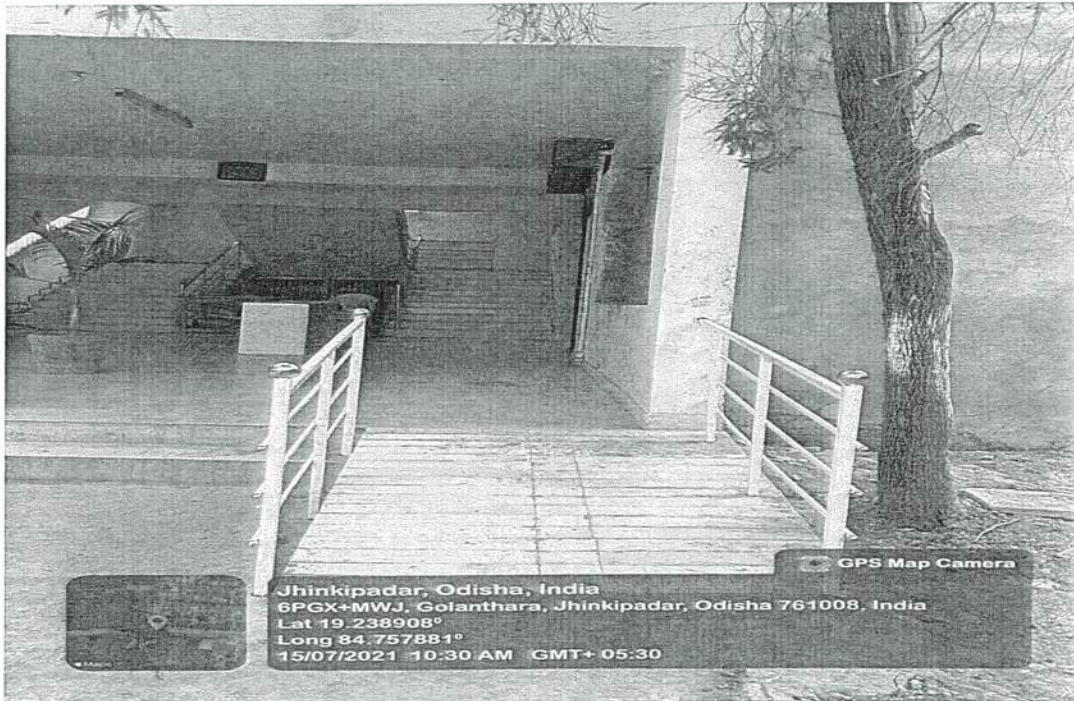


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Bio-gas Plant



Disabled-friendly, barrier free -RAMP

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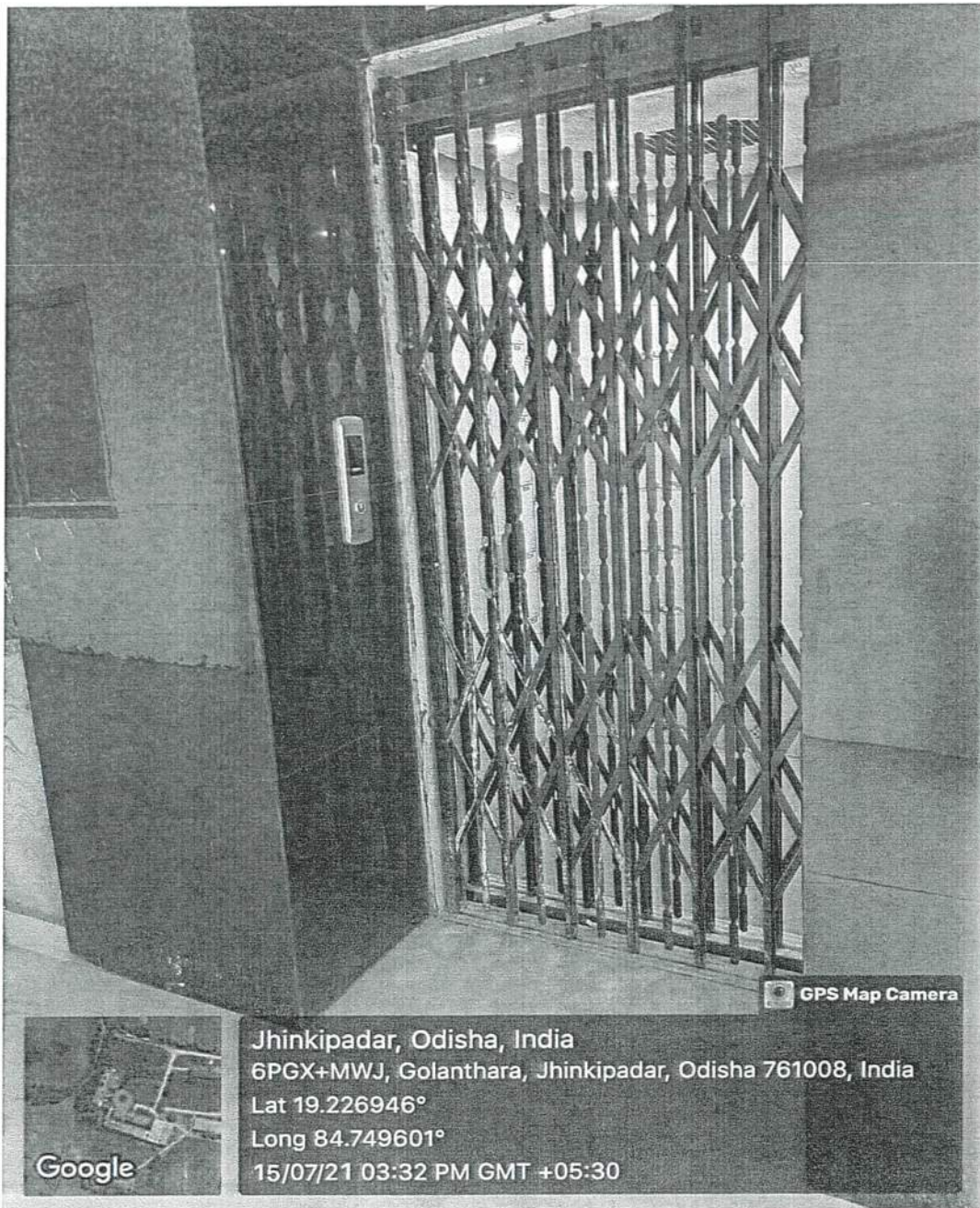
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Disabled-friendly, barrier free-LIFT



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