



University of Mumbai
Kharepatan Panchakroshi Shikshan Prasarak Mandal, Kharepatan's
**ARTS, COMMERCE AND SCIENCE
COLLEGE, KHAREPATAN**



(Affiliated to Mumbai University No. ICM / I / 558 / 2012 - 13)

At. Swatnrya Sainik Guruvariya Veer Shankarrao G. Pendharkar Educational Campus, Kharepatan
Tal. Kankavli, Dist. Sindhudurg - 416 703 - (MS) India

Dr. Atmaram Deu Kamble

Principal

O. W. No.: _____

Date: _____

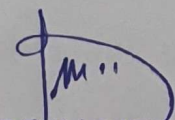
CLEAN AND GREEN CAMPUS INITIATIVES

Arts, Commerce, and Science College, Kharepatan, is dedicated to fostering a clean and green campus through various initiatives that promote environmental sustainability, cleanliness, and enhance the overall campus environment.

1. Waste Management:

- ✧ **E-Waste Collection:** A wooden box for e-waste collection facilitates the proper disposal of electronic items, helping reduce electronic waste and its environmental impact.
- ✧ **Dry-Waste Collection:** A dedicated box for dry waste encourages the recycling of plastics, cardboard, and metals, supporting waste segregation and sustainability.
- ✧ **Paper-Waste Collection:** A wooden collection box for paper waste promotes the recycling of old newspapers, textbooks, and other paper products, contributing to reduced landfill waste.




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2. Composting and Vermi-Composting:

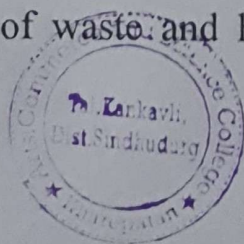
- ✧ **Composting Pit:** Converts organic waste into nutrient-rich compost for college gardens, reducing waste and enhancing soil health.
 - ✧ **Vermi-Composting:** An established vermicompost bed processes organic waste into eco-friendly compost, supporting sustainable gardening practices and reducing synthetic fertilizer use.
3. **Plantation Drives:** Various trees and plants are planted to improve green cover, enhance the aesthetic value, and support local biodiversity.

4. Energy Efficiency:

- ✧ **LED Lighting:** Installation of LED lights across the campus reduces energy consumption and electricity costs.
- ✧ **Energy & Environment Monitoring:** Integration of LED and solar technologies optimizes energy usage and supports renewable energy practices.

5. Cleanliness:

- ✧ **Campus Clean-Up Drives:** Regular clean-up drives are organized to maintain a litter-free and aesthetically pleasing campus. These efforts involve the participation of students, faculty, and staff to ensure that the campus remains a clean and welcoming environment.
- ✧ **Waste Bin Placement:** Strategically placed waste bins across the campus encourage proper disposal of waste and help in maintaining cleanliness.



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Separate bins for recyclables, non-recyclables, and compostable waste support effective waste management.

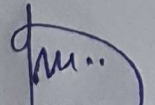
6. Awareness and Engagement:

- ✧ **Educational Programmes:** Lectures, seminars, and awareness events on environmental issues, sustainable practices, and cleanliness engage the college community and promote environmental responsibility.
- ✧ **Cleanliness Campaigns:** Awareness programs, including workshops and campaigns, educate students and staff on the importance of cleanliness and personal responsibility in maintaining a clean campus environment.
- ✧ **Community Involvement:** Campaigns and initiatives involve students, faculty, and local residents in maintaining cleanliness and promoting sustainability.

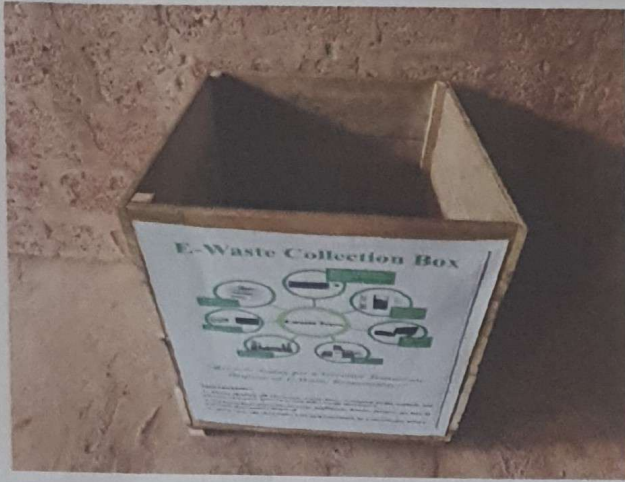
1. Water Conservation:

- ✧ **Rainwater Harvesting:** Captures and reuses rainwater for campus facilities, reducing dependency on external water sources.
- ✧ **Waste Water Treatment:** Utilizes pits to treat wastewater, minimizing environmental pollution and enabling safe water disposal.




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E-waste collection box:

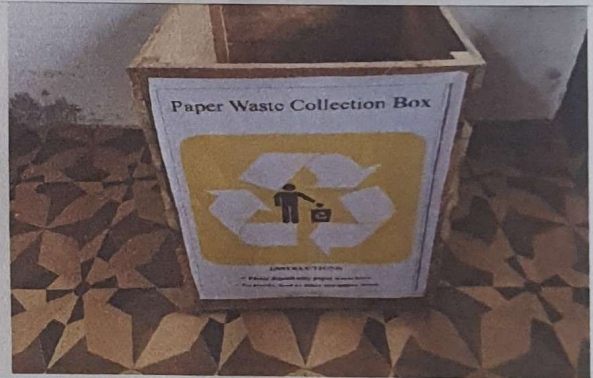


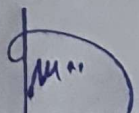
The college has introduced a wooden e-waste collection box, measuring 43x3x3, to promote environmental conservation and sustainable practices. The box is designated for collecting items like printers, monitors, CPUs, UPS units, mice, batteries, and keyboards. Collected e-waste will be responsibly handed over to a third party for proper management, ensuring that the college contributes to reducing electronic waste and protecting the environment.


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Perfect for Old newspapers, Old Lecture Notes, Scrap paper from projects, Outdated textbooks, Magazines and brochures, Cardboard packaging, Receipts and tickets, Printed Used Assignments, Used Note books, Paper coffee cups (Unused and Waste), Paper towels and napkins, Posters from past events, Envelopes and packaging material, and more. Let's recycle by the help of third party. Together, we can reduce waste and promote sustainability at our college. Our college encouraged to all regarding "Drop off paper items here and help us build a cleaner, eco-friendly community."

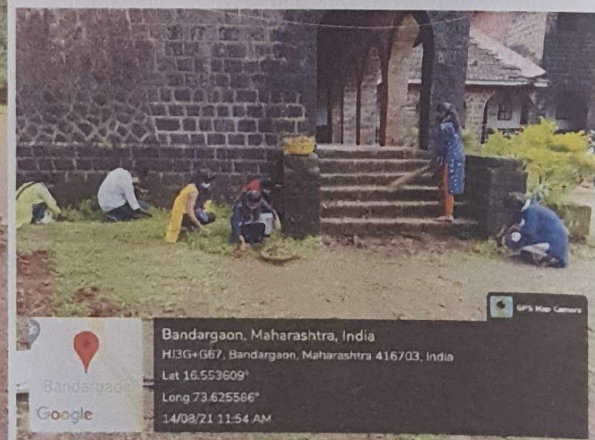
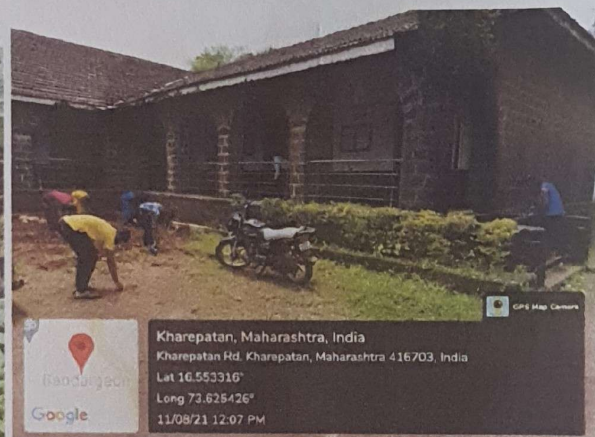



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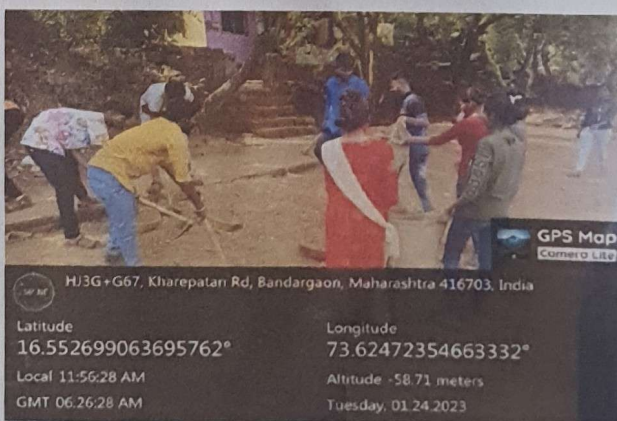
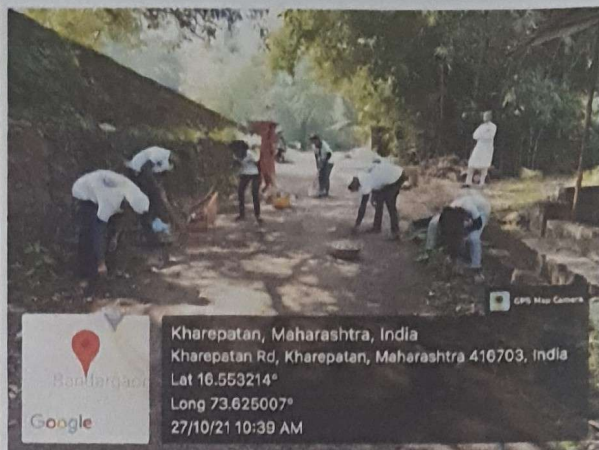
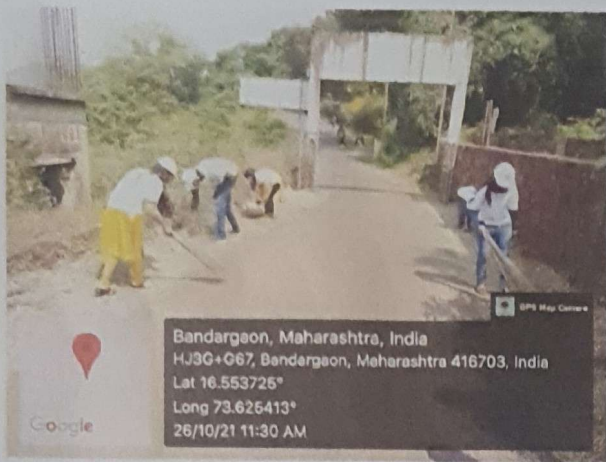
Cleaning:

A. In Campus

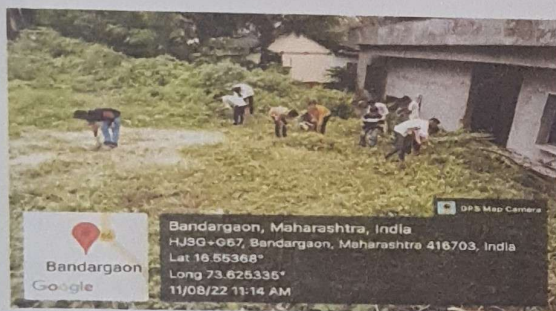
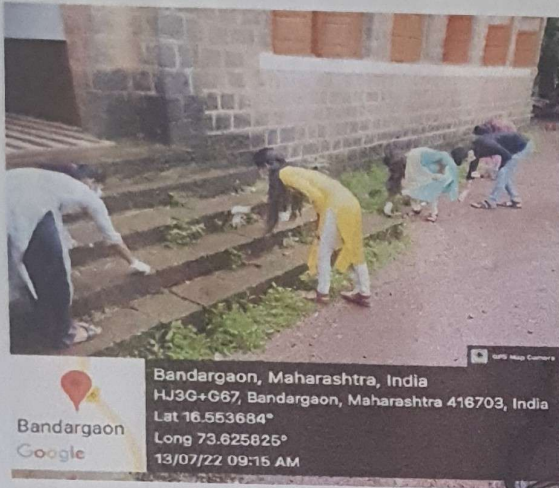
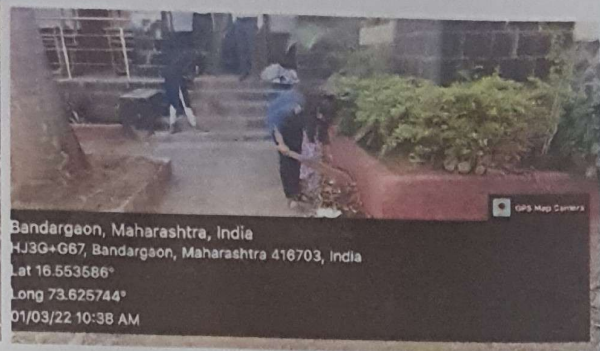
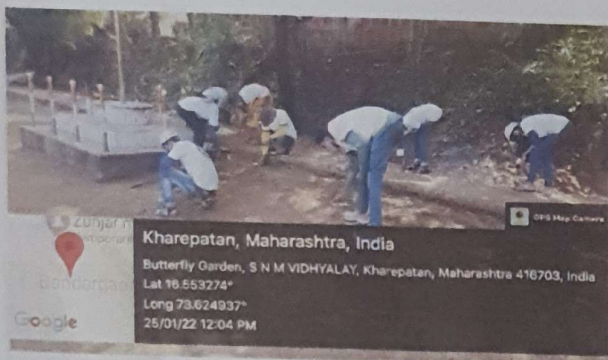


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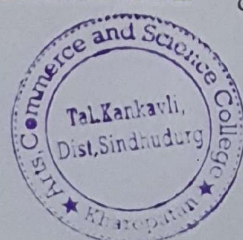
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महाविद्यालयाची नवीन इमारत परीसर स्वच्छता



Arts, Commerce, and Science College, Kharepatan, has implemented a comprehensive cleaning initiative to ensure a pristine and hygienic campus. This drive involved extensive cleaning of classrooms, the library, washrooms, and the college grounds. Both teaching and non-teaching staff participated actively, enhancing the campus's cleanliness and safety.

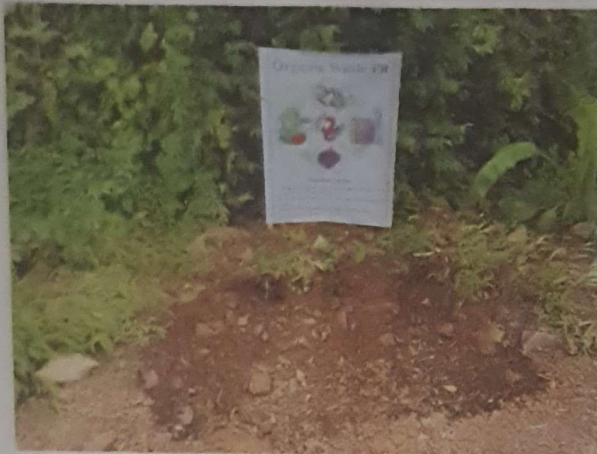


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The effort extended beyond the campus to the home village of Kharepatan and adopted villages, including Pombhurle, Nadgive, and Kelavali. This widespread initiative aimed to instill a culture of cleanliness and environmental stewardship, contributing to a healthier and more welcoming environment for all.

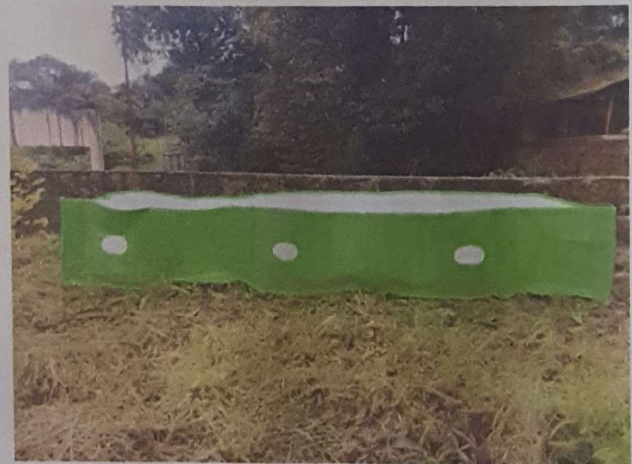
Composting:



The college has a composting pit that efficiently converts organic plant waste, food scraps, and garden waste into nutrient-rich compost, free from chemical fertilizers. This eco-friendly bio-fertilizer is used to enrich the college gardens, promoting sustainable practices and enhancing soil health. The initiative not only reduces waste but also fosters environmental responsibility within the college community.

Vermi-composting

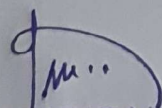
The college has established a vermicompost bed, measuring 11x04x02 feet, that efficiently processes organic plant waste into nutrient-rich compost. This compost, free from chemical fertilizers, serves as a sustainable bio-fertilizer for the college gardens, supporting eco-friendly gardening practices and promoting a green, self-sufficient campus environment.



By recycling plant waste, the vermicompost system not only enhances soil health but also promotes robust plant growth on campus. This initiative reflects the college's commitment to environmental conservation and sustainable agricultural practices, reducing dependency on synthetic fertilizers.

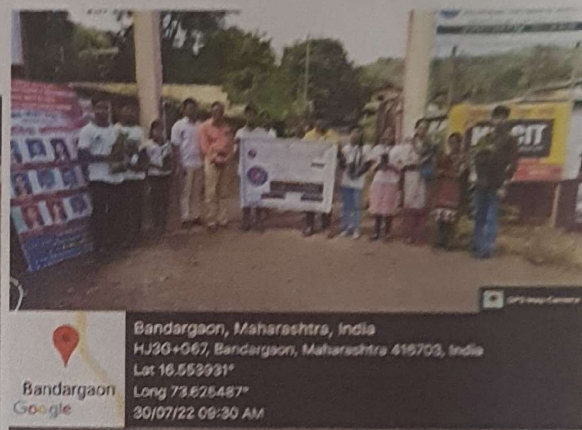
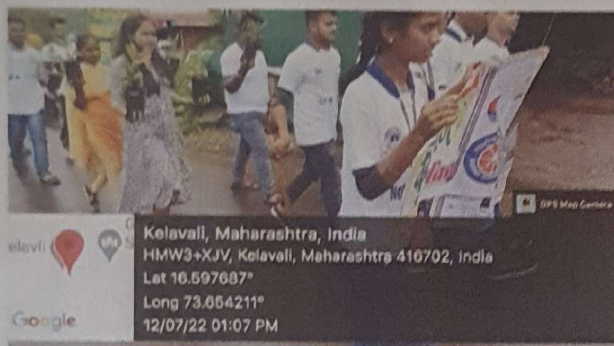
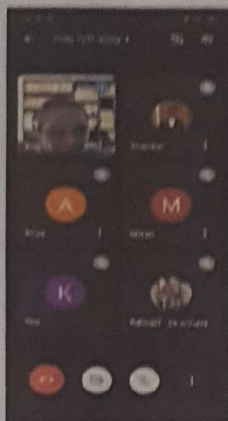
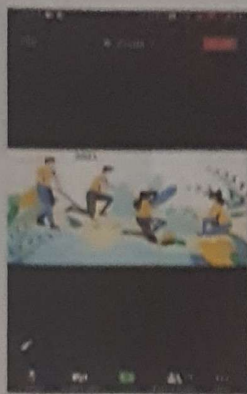
The use of vermicompost is a key step toward fostering sustainable gardening and agriculture on campus. The system exemplifies how recycling and reusing organic waste can create a positive environmental impact, reinforcing the college's dedication to nurturing a more sustainable future.




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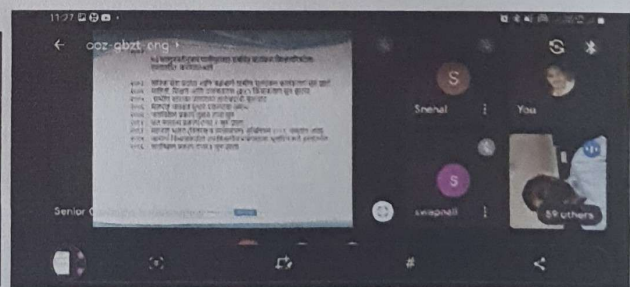
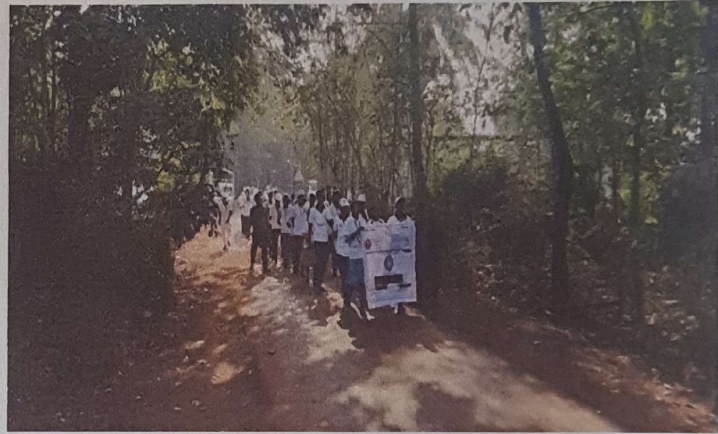
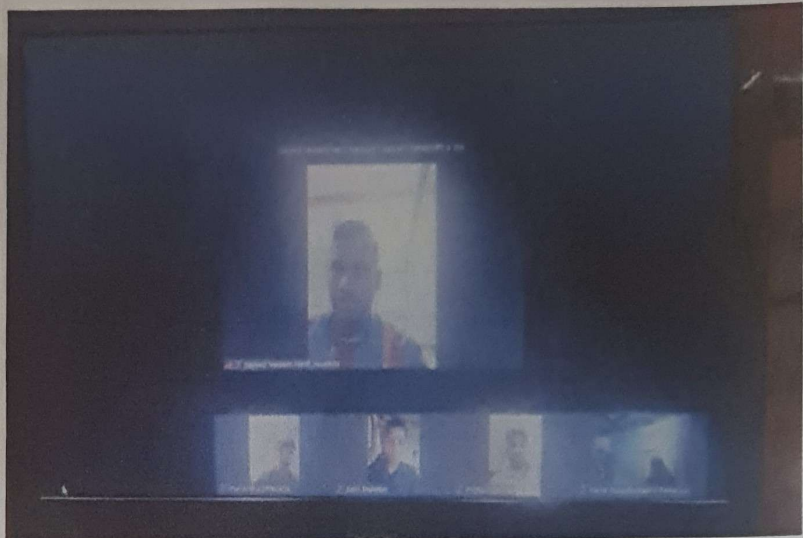
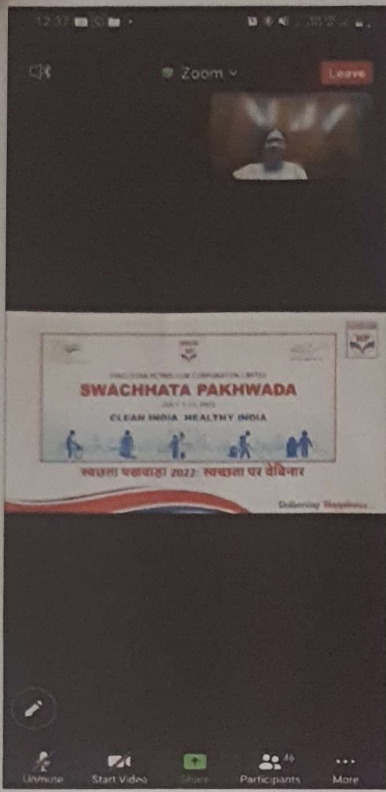
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Safe and waste free environment drive:

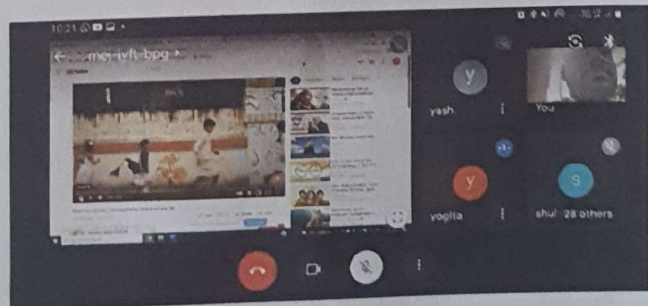
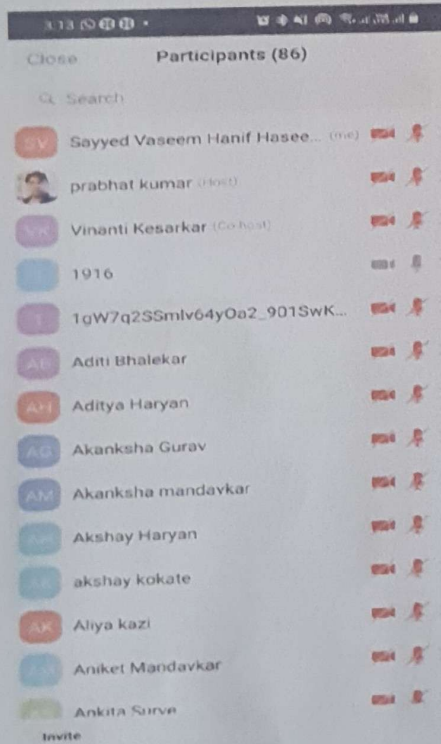
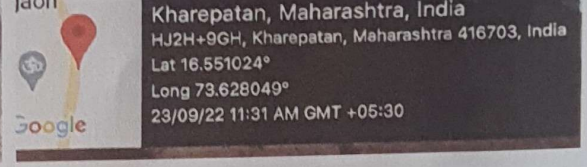
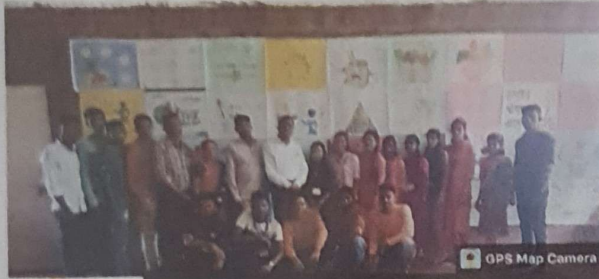
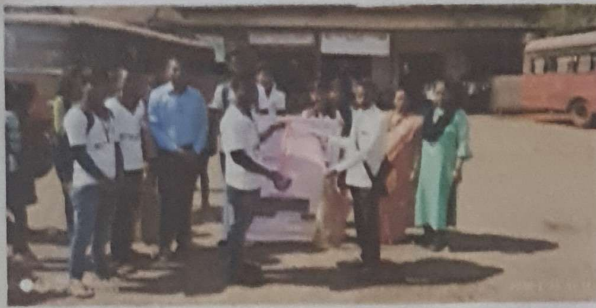


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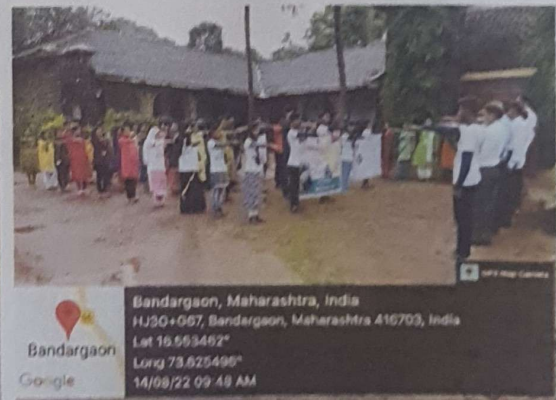
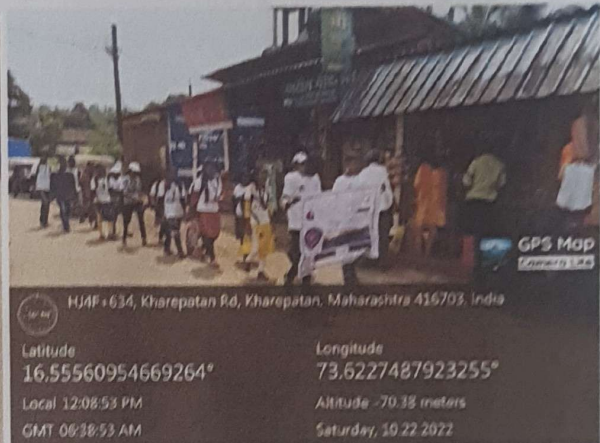
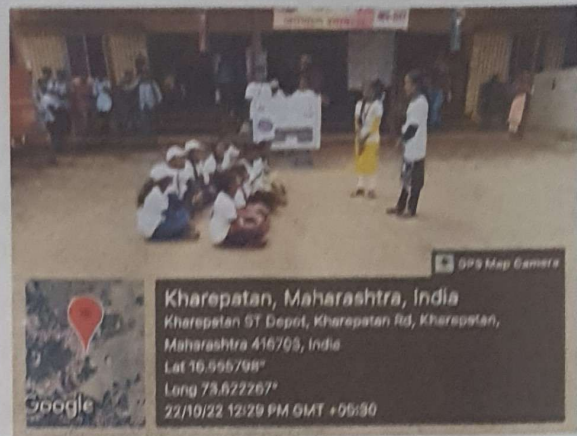
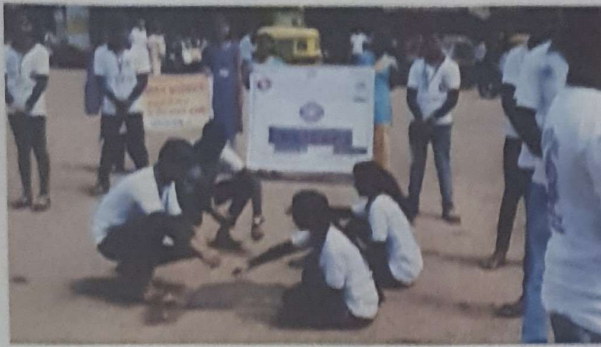


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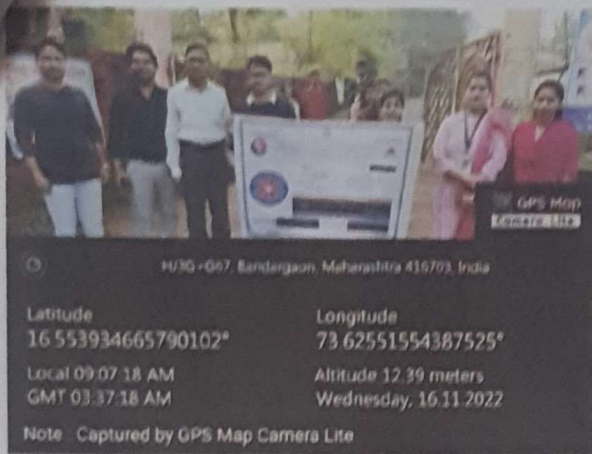


पर्यावरण संवर्धन शपथ पठन



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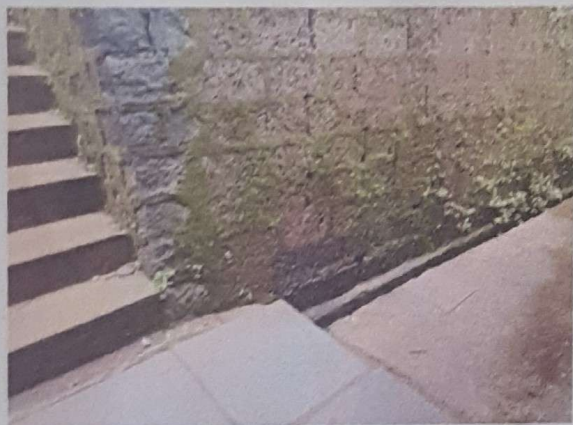
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The Clean and Green Awareness Campaign at Arts, Commerce, and Science College, Kharepatan, actively engaged students and staff in promoting environmental cleanliness. Activities included a rally to raise awareness, pledge reciting to encourage commitment, and street plays to illustrate the importance of clean practices.

Mouth publicity and poster making further supported the campaign by spreading the message throughout the community. These efforts collectively aimed to foster a culture of cleanliness, ensuring that participants are motivated to maintain a clean and green environment on campus and beyond.

Sewage treatment



The waste water treatment in the college does not involve any process but water is supplied to the plants in the college premises through sewers.

Waste water treatment:



The college has implemented a waste water treatment system involving the excavation of pits measuring 4x6x4 feet to manage liquid waste. These pits are designed to collect and treat wastewater through natural processes. The system facilitates the breakdown of organic matter and helps in minimizing environmental impact by preventing pollution. The treated water can be safely disposed of or repurposed, contributing to a sustainable waste management practice on campus.

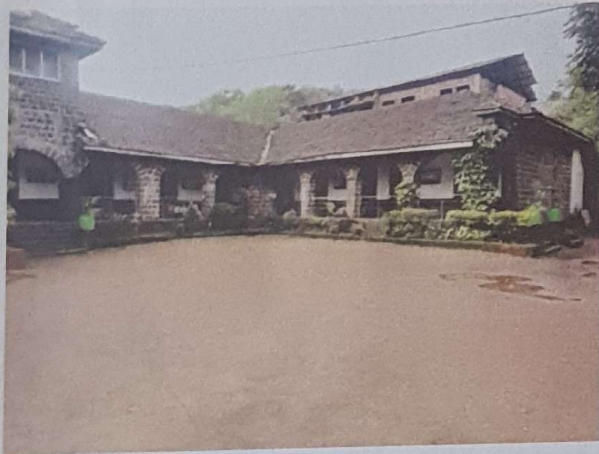
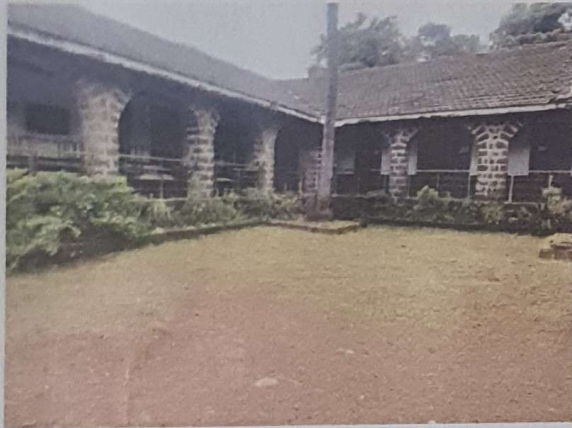
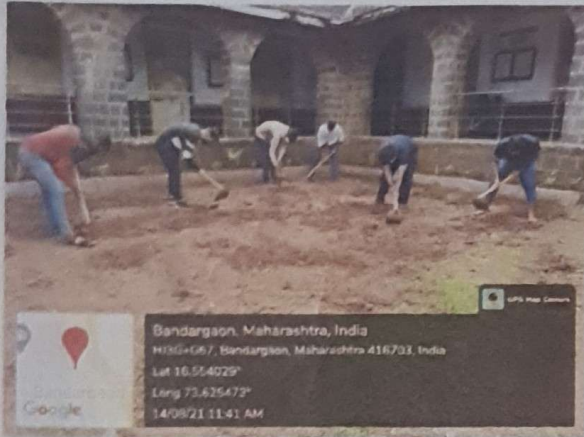
This approach demonstrates the college's commitment to effective wastewater management and environmental responsibility.



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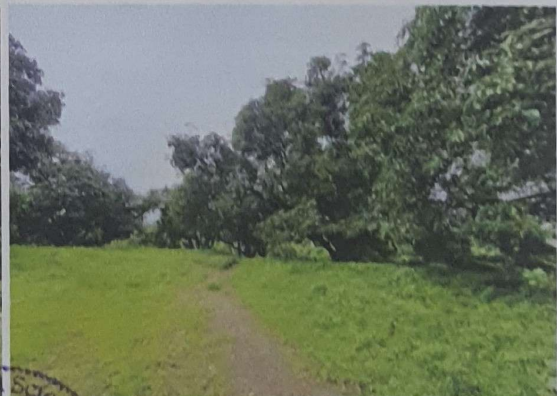
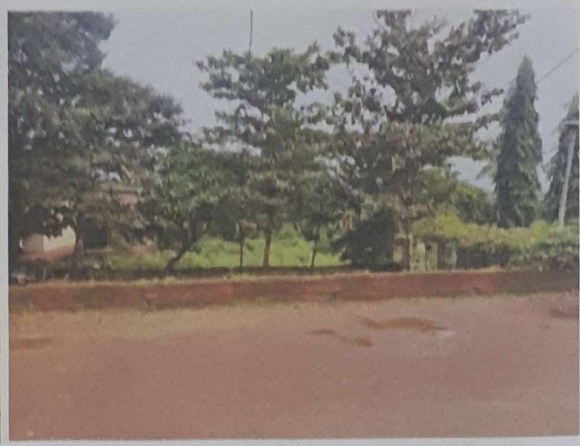
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Greenery:



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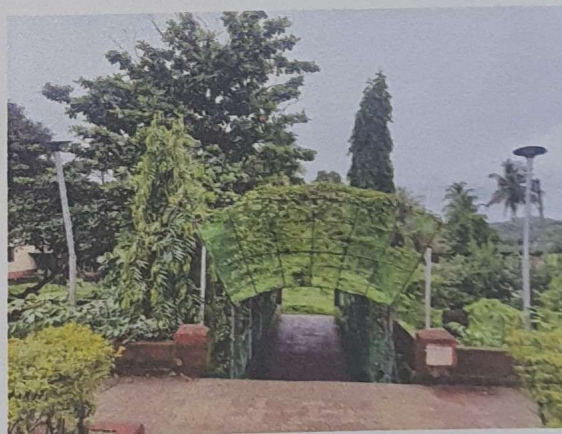
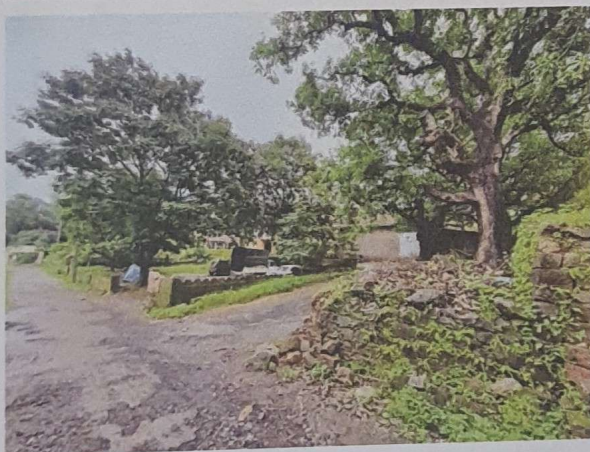
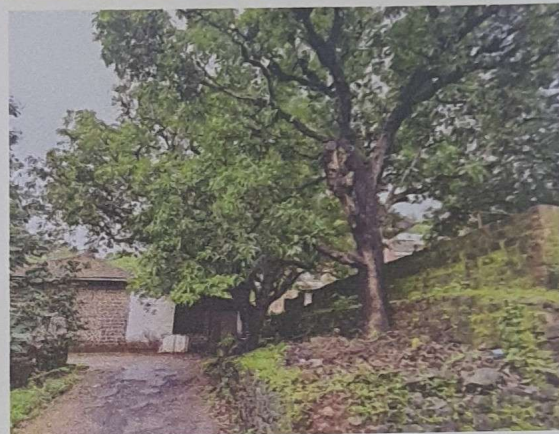


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AnyScanner

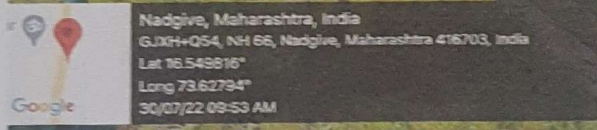


The institute's commitment to environmental sustainability is reflected in its efforts to maintain and enhance greenery on campus. The lush green surroundings create a serene atmosphere, contributing to both the aesthetic and ecological value of the campus. Additionally, the campus has been developed as a "Butterfly Campus," with specific plants and flowers cultivated to attract and support various butterfly species. This initiative not only beautifies the campus but also fosters biodiversity, making the college a haven for local wildlife. The combination of greenery and butterfly-friendly habitats exemplifies the institute's dedication to environmental stewardship.



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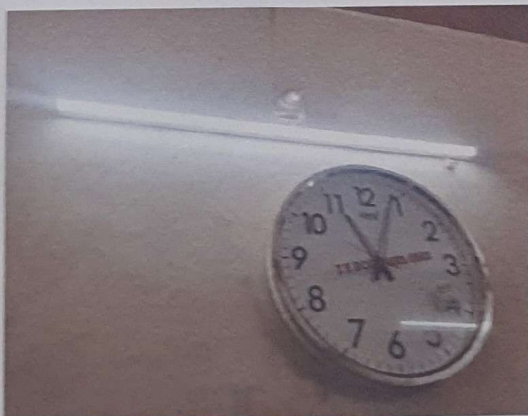
Plantation: (trees and plants in campus)



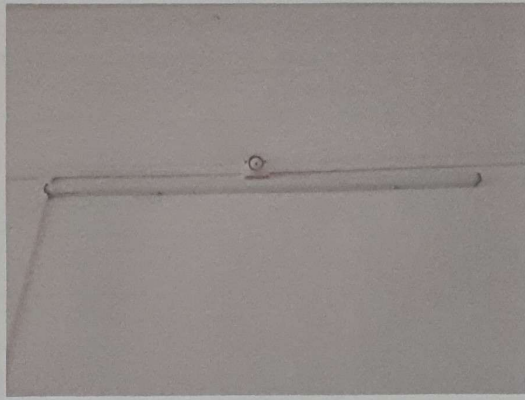
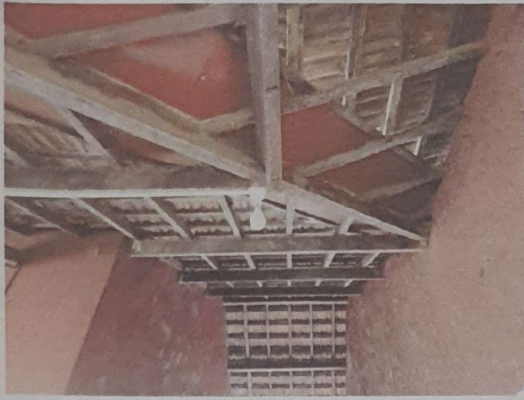
The institute conducted a plantation drive on campus to enhance the green cover and promote environmental sustainability. Various types of trees and plants were strategically planted across the campus, contributing to the beautification and ecological balance of the area. This initiative not only aimed to improve the campus environment but also served as an educational opportunity for students to learn about the importance of tree plantation and environmental conservation.

The drive reflects the institute's commitment to creating a greener, healthier, and more sustainable campus for the future.

Led lights:



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The college has installed LED lights throughout the campus as part of its energy-saving initiatives. LED lights are highly efficient, consuming significantly less electricity compared to traditional lighting. This transition not only reduces energy consumption but also lowers electricity costs and contributes to the college's sustainability efforts. The use of LED lights reflects the college's commitment to adopting environmentally friendly technologies and promoting energy efficiency across the campus.

Energy & environment monitoring system



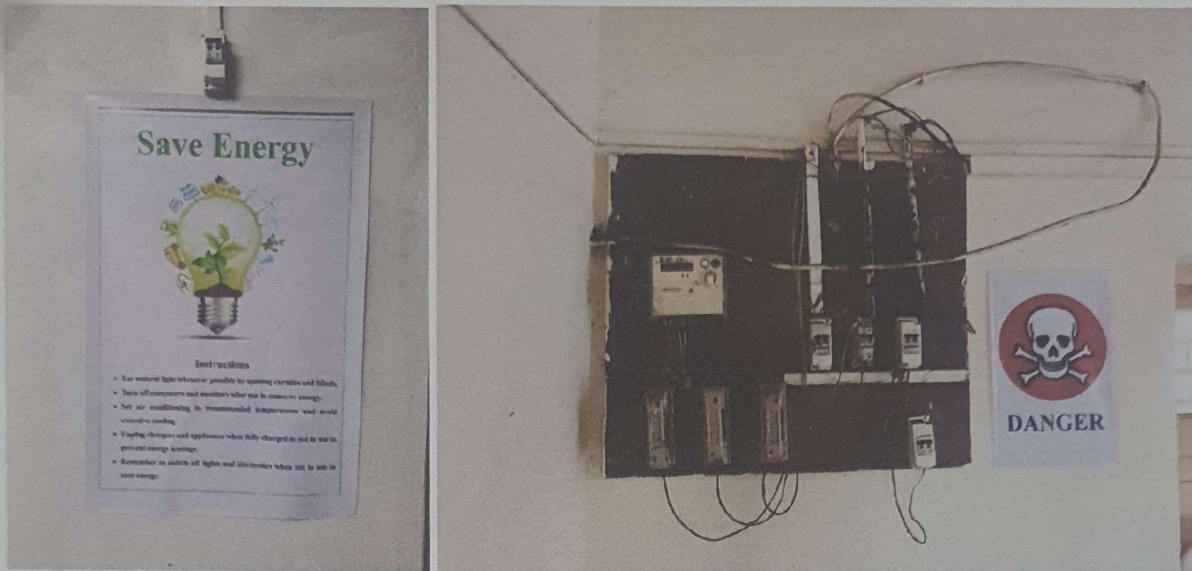
The Energy & Environment Monitoring System at our college incorporates both LED and solar technologies to enhance energy efficiency and environmental sustainability. Currently, the system includes 2 solar lights and 157 LED units, which consist of bulbs, tube lights, and various lighting fixtures.

These measures significantly reduce energy consumption and promote eco-friendly practices. The integration of solar lights further supports our commitment to renewable energy, while the widespread use of LEDs minimizes our overall energy footprint, contributing to a greener and more sustainable campus environment.



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Save energy posters and Switch of Poster



"Save Energy" and "Switch Off" posters were prominently displayed throughout the college campus, including classrooms, hallways, entry porches, and common areas. These posters serve as daily reminders for students, faculty, and staff to conserve electricity by turning off lights, fans, and electronic devices when not in use. The initiative is part of the college's ongoing efforts to promote energy conservation and foster a culture of sustainability. By strategically placing these posters in key locations, the college encourages everyone to actively participate in saving energy and reducing unnecessary electricity consumption, contributing to a more sustainable campus environment.

Smoke-free Campus



"No Smoking" stickers have been strategically placed throughout the college campus, including entrances, common areas, and near designated smoking zones.

These stickers serve as clear and visible reminders to maintain a smoke-free environment, reinforcing the college's commitment to promoting health and well-being. By implementing this initiative, the college aims to ensure a cleaner and healthier campus for students, faculty, and staff, while supporting a broader effort to discourage smoking and enhance overall campus hygiene.



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