

ESWAR COLLEGE OF ENGINEERING: NARASARAOPET

Approved by AICTE, New Delhi., Affiliated to JNTUK, Kakinada
Kesanupalli Village, Narasaraopet – 522 549,
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REPORT ON COLOUR CODED DUSTBINS FOR WASTE DISPOSAL

Eswar College of Engineering has installed a set of colour coded dustbins across the campus, strategically placed in easily accessible areas such as classrooms, corridors, and outdoor spaces. Each dustbin is labelled with a colour and corresponding waste category, including:

1. Blue colour Dustbins : Wet Waste
2. Red colour Dustbins : E-Waste
3. Green colour Dustbins: Dry Waste

The introduction of colour coded dustbins at Eswar College of Engineering has proven to be a successful initiative in promoting responsible waste disposal. By simplifying waste segregation and raising awareness, the institution has taken a significant step towards creating a sustainable and eco-friendly campus environment. The positive results achieved through this endeavour emphasize the importance of such initiatives in achieving effective waste management systems. The colour coded dustbin system implemented by Eswar College of Engineering is a simple but effective way to improve waste management on campus. By reducing contamination, increasing recycling and composting rates, and educating the students about waste management, this system can help to protect the environment and make the campus a cleaner and more sustainable place.


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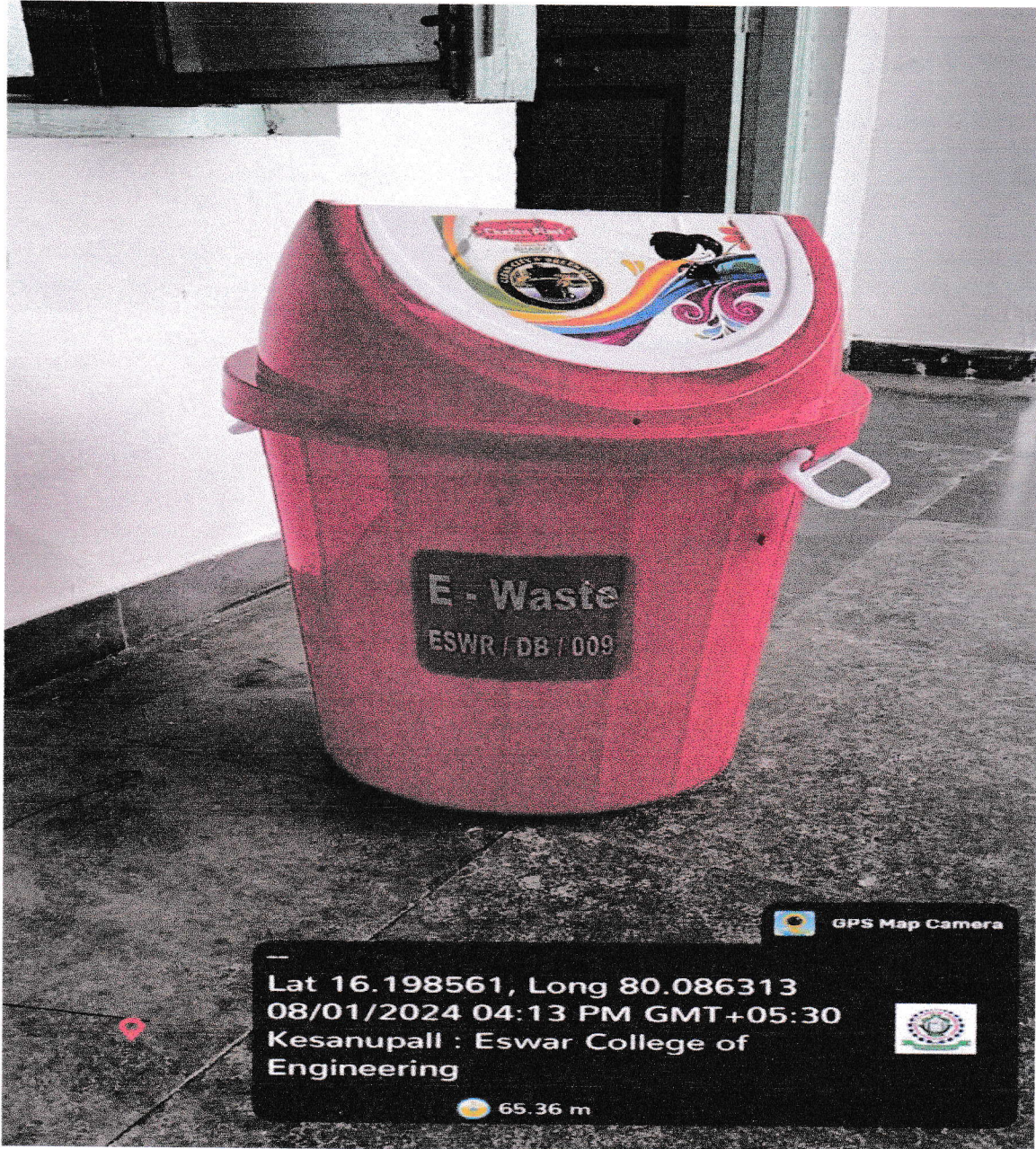
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Colour coded dustbins for segregation of Waste and E-waste across the campus.


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Preparation of Eco-Friendly material using Waste Material

Objectives:

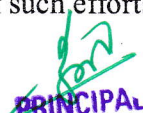
- To Develop the ability to think creatively and organize ideas to produce something useful.
- To Engage students in extracurricular activities using waste materials as unique tools.
- To Explore environmental concepts and actions beyond the standard curriculum.
- To Broaden our vision and outlook towards nature and society.
- To Mitigate the harmful effects of waste on the environment.
- To Raise awareness among students about the best ways to use waste products.
- To Demonstrate that various items can be repurposed for different uses.
- To Combine awareness and efforts to create a variety of innovative products.

Report on Wood Residue Conversion into Pen Stands and Paper Weights

The Eswar College of Engineering embarked on a project as part of their environmental sustainability course to recycle and upcycle wood residues into pen stands and paper weights. This initiative aimed to educate students on the importance of waste management and the various techniques to repurpose waste materials into new, useful products.

The project was highly successful, achieving multiple benefits such as waste reduction, product creation, student education, and increased awareness of environmental sustainability. It serves as an exemplary model for other institutions aiming to minimize their environmental footprint.

Students at Eswar College of Engineering demonstrated their dedication to sustainability and innovation through this project, transforming waste wood into functional and aesthetically pleasing items. This initiative not only promotes resource efficiency but also fosters environmental consciousness. It highlights the potential for creativity and repurposing in waste management, underscoring the importance of such efforts in building a sustainable future.

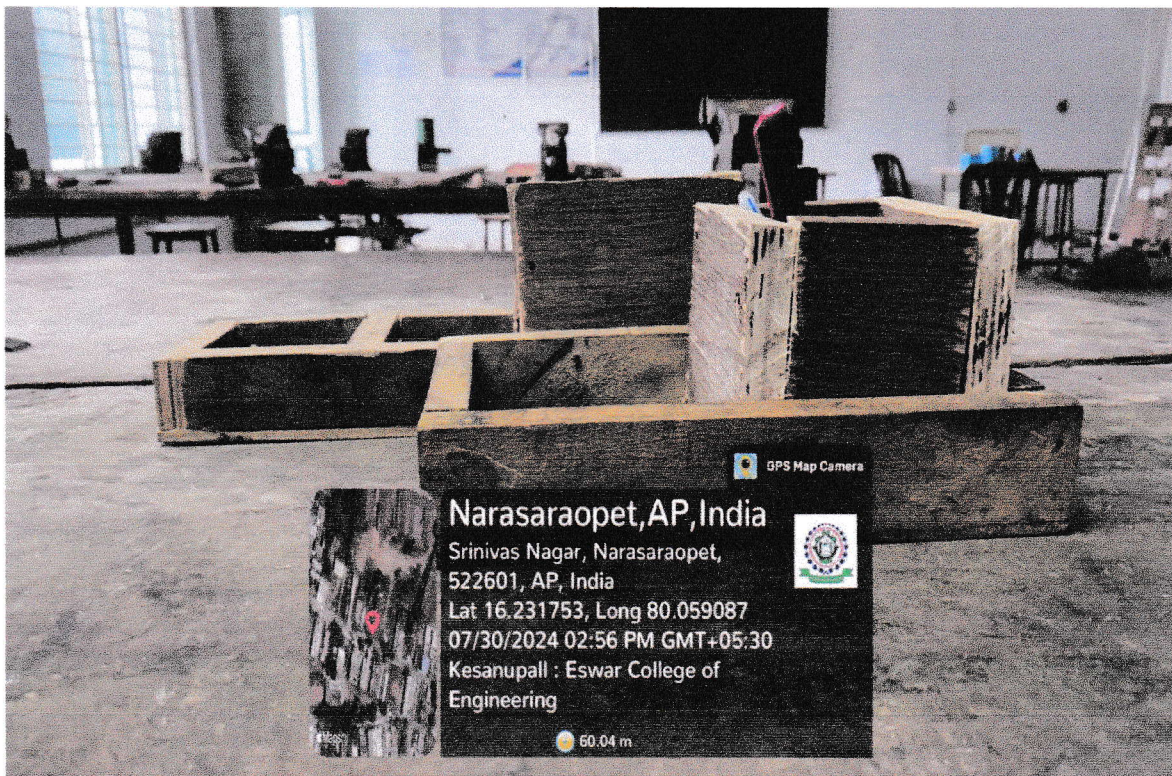
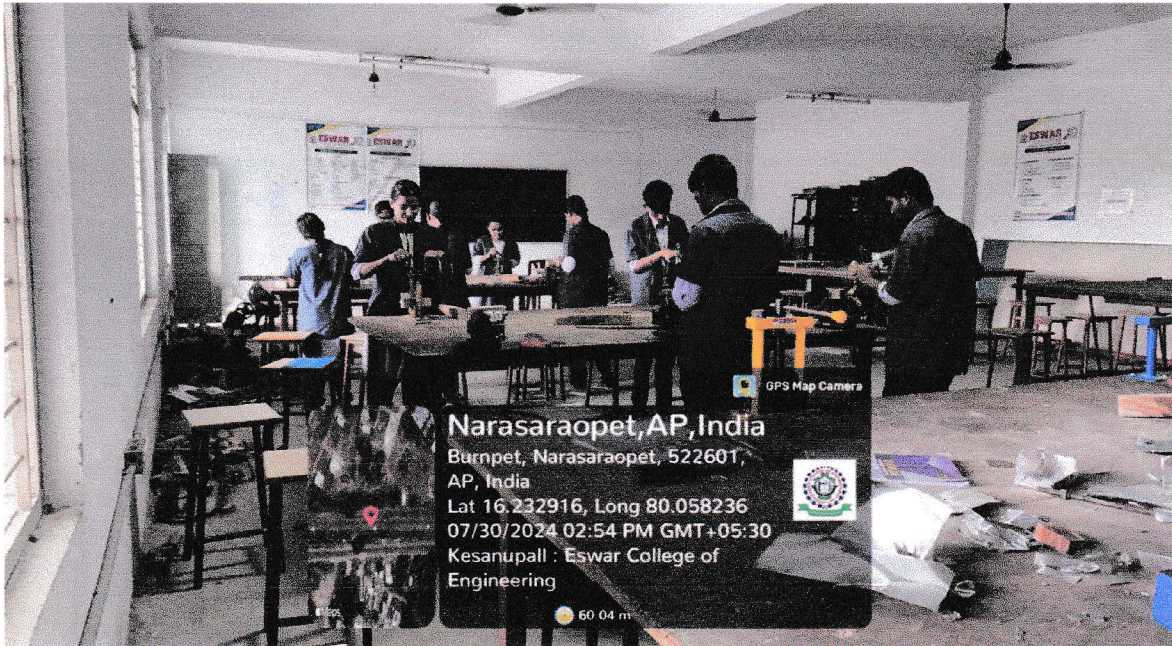

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Pen stands crafted by the students using wood residues.

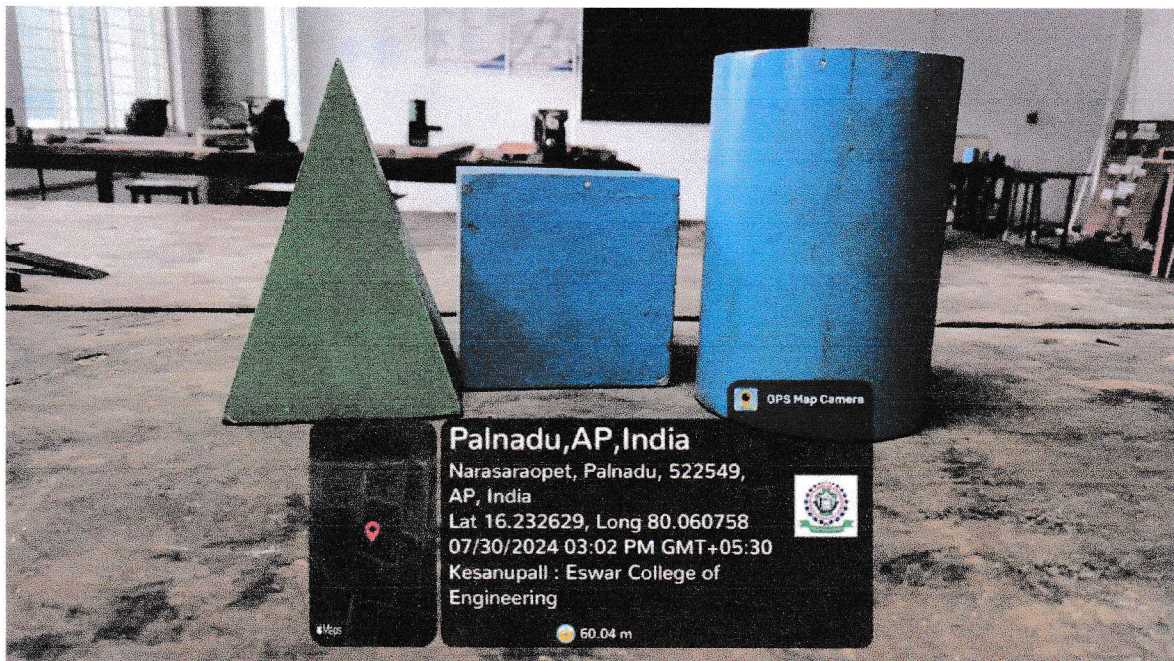
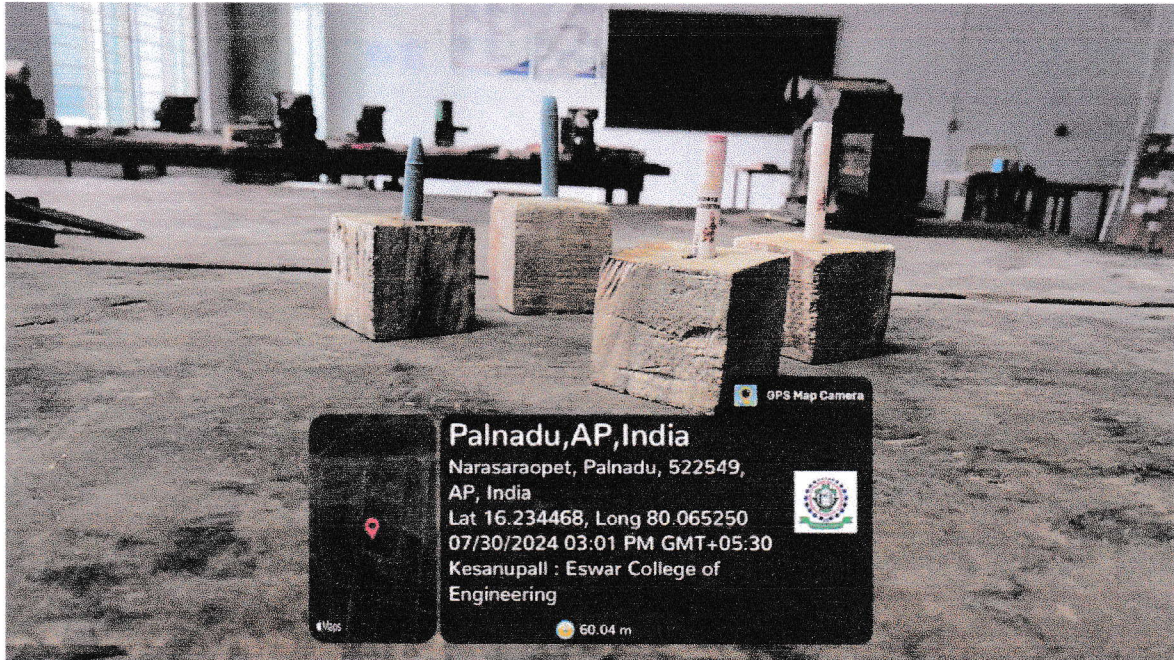

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Paperweights and various polygon shapes crafted by the students from wood residues.

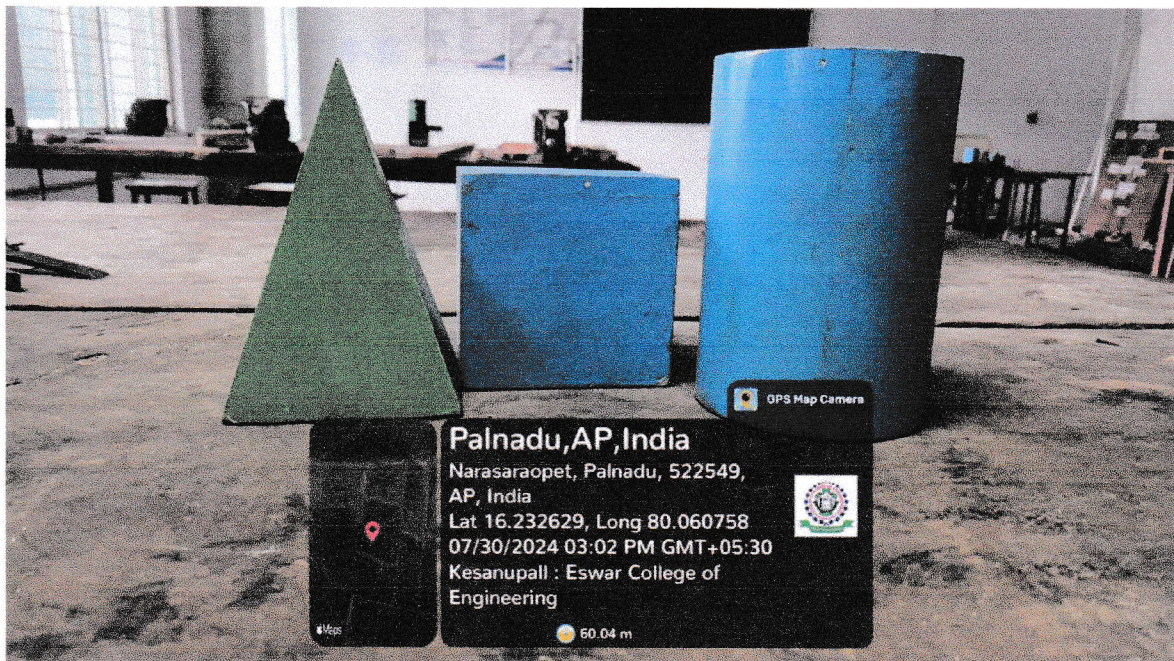
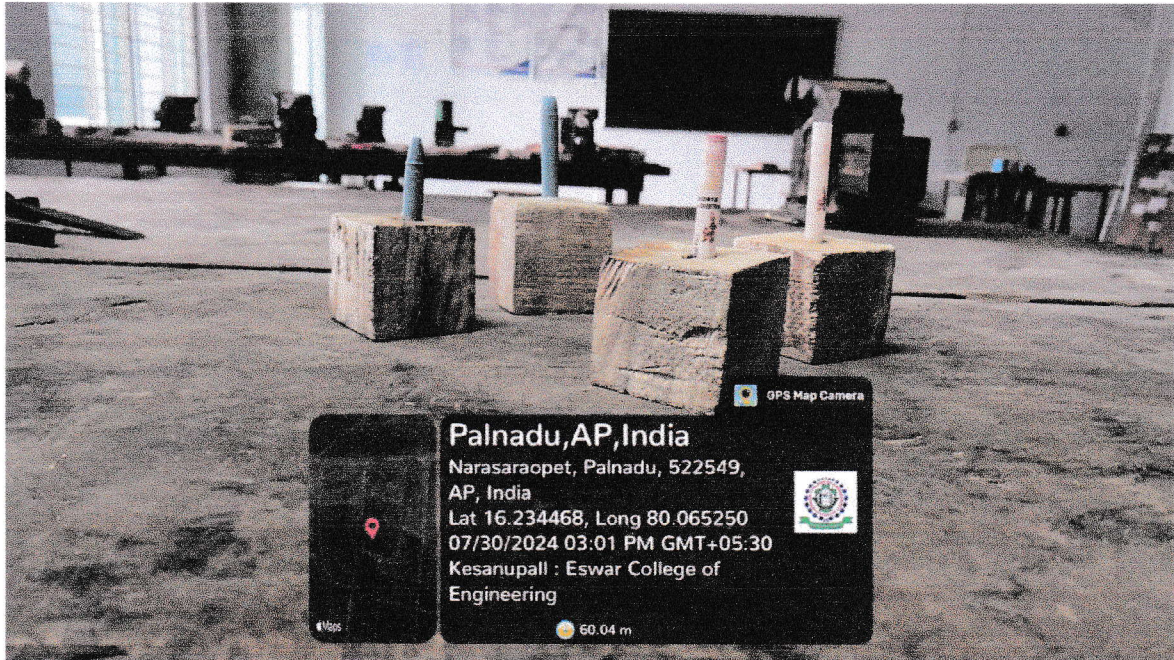
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Report on E-Waste:

Eswar College of Engineering is dedicated to creating a safe and sustainable campus environment. One critical aspect of this commitment is the effective management of electronic waste (e-waste). This report outlines the practices, partnerships, and outcomes of the college's e-waste management program.

E-Waste Management Practices

1. Regular Maintenance

- All electronic components, including computers, printers, and other electronic devices, are maintained regularly.
- Periodic checks and maintenance help ensure that electronic devices are functioning correctly and efficiently.
- Regular maintenance minimizes the risk of hazardous waste exposure to students and staff.

2. Collection and Disposal

- Eswar College of Engineering has established a Memorandum of Understanding (MOU) with Dharsana Enterprises.
- Dharsana Enterprises is responsible for the collection and proper disposal of e-waste generated on campus.
- The partnership ensures that e-waste is handled in an environmentally responsible manner, adhering to all relevant regulations and standards.



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Images of showing E-Waste from the labs.

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Report on making of Paper Bags and flowers by the Eswar College students:

Eswar College of Engineering initiated a project focused on environmental sustainability by producing handmade paper bags. This effort aims to replace single-use plastic bags and flowers with eco-friendly alternatives, thereby reducing plastic waste on campus and raising awareness about environmental sustainability. By promoting the use of paper bags, students at Eswar College of Engineering are contributing to a cleaner, greener environment and inspiring others to embrace sustainable practices.

The project has been highly successful, achieving numerous benefits, including waste reduction, product creation, student education, and increased awareness of environmental sustainability. It serves as an exemplary model for other institutions looking to minimize their environmental footprint.




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An image displaying craftwork created by students using recycled paper.


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Report on Tree Plantation:

The tree plantation drives on campus demonstrate the institution's commitment to environmental sustainability. By planting trees, these initiatives create a greener campus, enhance biodiversity, and raise awareness about the crucial role trees play in maintaining ecological balance. The active participation of staff and students in these events signifies their dedication to environmental conservation. The drives help improve air quality, reduce noise pollution, increase biodiversity, and enhance the aesthetic value of the campus.



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Images of showing students and staff participating in Plantation Programme.


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Report on collection of waste by Kesanupalli Panchayat Municipal workers from Eswar college of Engineering campus:

Waste collection at Eswar College of Engineering is a vital component of the institute's waste management program. This initiative has successfully maintained a clean and waste-free campus, benefiting the environment and the health of students, faculty, and staff. A partnership between Eswar College of Engineering and Kesanupalli Panchayat municipal workers ensures efficient management of campus waste. This collaboration is crucial in fostering a clean and sustainable environment at Eswar College of Engineering.



An image showing collection of waste by Kesanupalli Municipality workers.


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