

ESWAR COLLEGE OF ENGINEERING

(Approved by AICTE, & Affiliated to JNTUK, A.P.)

KESANUPALLI (V), NARASARAOPETA-522549, AP

www.eswarcollegeofengg.org, email: eswarcollegeofengg@gmail.com


Policy Document On Green Campus/Plastic Free Campus

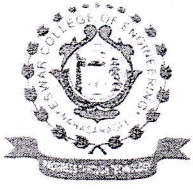


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KESANUPALLI (V), NARASARAOPETA (M), PALNADU (D), AP. -522 549

 **PRINCIPAL**
ESWAR COLLEGE OF ENGINEERING
Chilakaluripet Road,
Kesanupalli (V), NARASARAOPETA (MD)
Palnadu Dist A.P. 522 549



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GREEN CAMPUS POLICY

1.Objectives:

Eswar College of Engineering acknowledges its moral responsibility to address the challenges of environmental sustainability and climate change. The college has established the following objectives for creating a green campus:

- To Establish a green culture within the college by incorporating sustainable practices into the curriculum and extracurricular activities.
- To Raise awareness and promote environmental consciousness among stakeholders.
- To Minimize the environmental impact of the college campus by adopting sustainable practices.
- To Ensure proper water management and conservation.
- To Reduce energy consumption and promote the use of renewable energy sources.

2.Scope:

- Ensuring an eco-friendly environment through the upkeep of a clean and green campus.
- Sustaining an attractive landscape adorned with plants and trees throughout the college premises.


3.Policy:

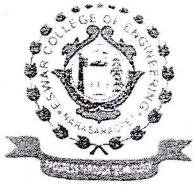
- The institute fosters a green and clean campus by encouraging tree planting through organized tree plantation events.
- Students are educated about the adverse impacts of global warming and the greenhouse effect through awareness programs, seminars, and videos.

4. The following initiatives are taken by the institute to maintain the green campus

a. Green initiatives

- Two gardeners are employed to regularly water and care for plants and trees across the campus.
- Collaborating with Swacha-Bharat, tree planting events are organized within and beyond the college premises.


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b. Environment related initiatives

- The campus is equipped with a rainwater harvesting tank to collect rainwater. Rainwater from the roof is channeled into the garden.
- Solid waste, including dried leaves and tree debris, is gathered and collected by the kesanupalli panchayat municipality workers.
- Adoption of email and WhatsApp communication is encouraged to minimize paper usage and waste.
- Housekeepers are hired to ensure the cleanliness and maintenance of the campus.

WASTE AND WATER MANAGEMENT POLICY


Preamble

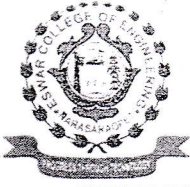
The educational institutions represent the main components of sustainability promotion in our society. Waste and Water Management is one of the challenges that educational institutions have to face in accomplishing the sustainability goals. In 2016 the Union Ministry of Environment, Forests and Climate Change (MoEFCC) released the updated Solid Waste Management (SWM) Rules which applies to every Solid Waste generator contributing to Waste generation in the premises. In recent 53 years, technologies have been developed that not only help in generating substantial quantities of decentralized energy but also in reducing the quantity of Waste for its safe disposal.

The water management policy of Eswar College of Engineering encompasses all water-related activities on campus. Various conservation systems are in place to supply drinking water to the large academic community of the institution.

Features in the Campus:

- Waste Segregation using Colour Bins
- Material recovery facility and Incinerator.
- Paper recycling and reuse by converting to Notepads.
- Repair, Re-use and frequent maintenance of equipment to ensure sustainable longevity.
- E - Waste Recycling and management.
- Sanitary Waste Incinerator.
- Student Projects on Waste management
- Awareness programs for Waste management through Govt. of Andhra Pradesh.


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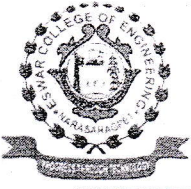
1. Waste & Water Management Policy Statement

Eswar College of Engineering Waste Management Policy articulates commitment to reducing its environmental impacts through effective Waste Management and sustainable practices in converting Waste to resource. The Campus strives to work for obtaining a Zero Waste plan thus obtaining its Ecofriendly status through the policy of “reduce, reuse and recycle”. A water management also required to assure the quality of water distributed from the unique sources of water conservation system at Eswar College of Engineering.

2. Objectives

- Minimising the consumption of natural resources.
- Avoiding and minimising the generation of Waste.
- Reducing, re-using, recycling and recovering Waste.
- Ensure segregation of Waste at the source.
- Promoting and ensuring the effective delivery of Waste services.
- Achieving integrated Waste Management reporting and planning.
- Ensure that the stakeholders are aware of the impact of Waste on their health, wellbeing and the environment through Awareness programs
- Increase consumer awareness of Waste minimization issues
- Ensure the protection of the environment through effective Waste Management measures.
- Encourage Waste to energy options through projects for students.
- Carry out regular internal Waste Managing Audits to continuous monitoring and assessments of various Waste management systems in the college.
- Train faculty, non-teaching staff, students and housekeeping staff to make the Institute a role model in the area of Energy conservation.
- Promote Collaborations with Govt. Bodies/Industries/NGOs to promote sustainable practices in the Campus
- Review the Policy on a regular basis.
- Bench mark the Campus using the green norms.


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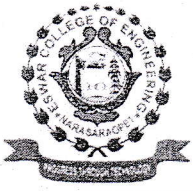
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- To provide adequate water supplies to meet demands of the campus.
- To provide clean, safe and reliable drinking water at all the times.

3. Action Plan Waste Management Plan

1. Establish a Green committee consisting of representatives from all the Departments for effective implementation and to monitor the progress of the initiatives.
2. Regular Monitoring and benchmarking resource use and Waste generation.
3. Quantify, Monitor and Evaluate the Waste generation, disposal and collection system in the Campus, regularly.
4. Setting short term and long term targets and conservation strategies pertaining to the UN Sustainable Goals.
5. Initiate sustainable practices like Composting for Waste, generated from the Canteen.
6. Reduce E-Waste to maximum with proper maintenance, before moving on to Replace & Recycle stage.
7. Continue to introduce innovative strategies to reduce paper Waste and plastic Waste in the Campus
8. Ensure effective disposal methods for Laboratory and Hazardous Wastes generated in the campus.
9. Provide training for faculty, students and staff about Waste Management and practicing Sustainable habits.
10. Include Sustainable Project learning strategies for Waste Management in the curriculum with Industry tie up.
11. Conduct awareness programs on Fire Safety, Occupational Safety and Work Ethics.
12. Conduct meeting regularly and review the policy & update the maintenance register.
13. Conduct the water audit; Monitor the water levels of all conservation system. and Measures to be taken to improve the water quality .

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4. Mechanism of Action Plan

The Waste Management Cell should lay down well-defined procedures as mentioned below, that follows the indicated stages.

- (i) Define the Sustainable Goal Agenda of the Academic year pertaining to Waste, and Water Management.
- (ii) Create Implementation guidelines.
- (iii) Review: Monitoring and follow-up.

E-WASTE POLICY DOCUMENT

Eswar College of Engineering is committed to responsible e-waste management. E-waste includes a wide range of electronic and electrical items such as computers, printers, keyboards, and more.

Our policy includes the following practices:


Collection and Segregation: Designated collection points for electronic waste are established across the campus to ensure proper segregation of e-waste from other waste streams.


Recycling and Disposal: Partnering with certified e-waste recycling company to ensure the safe and environmentally friendly disposal of electronic waste.

Awareness and Education: Conducting workshops and campaigns to educate students, faculty, and staff about the importance of e-waste management and how to properly dispose of electronic items.

Repair and Reuse: Encouraging the repair and reuse of electronic devices to extend their lifespan and reduce the volume of e-waste generated.

Monitoring and Reporting: Regularly monitoring e-waste management practices and reporting progress to ensure compliance with environmental standards and continuous improvement.


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