

**GOVERNMENT ARTS AND SCIENCE COLLEGE
KOZHINJAMPARA, PALAKKAD KERALA, INDIA**

**POLICY DOCUMENT ON
ENVIRONMENT AND ENERGY CONSERVATION**

Ever since its inception in 2005, the college has been committed to promoting holistic education blending academic activities with environmental awareness and social responsibility. Set in a picturesque locale in the border area of Kerala and Tamil Nadu, the college has always functioned with a view to preserving and enhancing the biodiversity of the campus through relentless efforts. In keeping with its status as a Tamil Linguistic Minority College and as an institution that caters to the needs of a rural population which is economically and educationally backward, the college has been a centre of a lot of innovative activities with ample partnership and support of governmental and non-governmental organizations. Over the years the college has consistently interacted with the local bodies and people to bring about new green initiatives and changes that are feasible in the context of Kozhinjampara.

VISION OF THE GO GREEN PROGRAMME:

Creating a Green Campus is not just about saving the environment. It is about creating a sustainable future for all. Combining environmentally friendly practices with education can promote sustainable and eco-friendly practices within the campus. This concept allows institutions to redefine their environmental culture and develop new paradigms by creating sustainable solutions to humankind's environmental, social and economic needs. Let us lead and create a better tomorrow, starting with our campuses. To enhance the initiative's clarity and authenticity, we are pleased to announce the release of a POLICY DOCUMENT that outlines the strategies, plans, and tasks needed to make this program fully operational.

OBJECTIVES OF THE GO GREEN PROGRAMME:

We firmly believe that transforming the campus into an environmentally friendly space necessitates eliminating wasteful inefficiencies, using conventional sources of energy for daily power consumption, proper disposal handling, procuring eco-friendly supplies, and implementing a robust recycling program. Our Institute's leadership recognizes that everyone must collaborate to develop timely strategies to implement green campus initiatives, which must be incorporated into the institutional planning and budgeting processes to create a clean and green campus. Together, each member of the GASCK Green Campus community, including students, faculty, and support staff, will work towards fostering a culture of self-sustainability and creating an eco-conscious campus. The Green Campus Initiatives (GCI) will enable our institution to establish the campus as a living laboratory for innovation.

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WASTE MANAGEMENT POLICY

STATEMENT OF INTENT

1. The Policy of Government Arts and Science College (Kozhinjampara, Palakkad, Kerala, India) guarantees our commitment to safe and efficient waste management, with a focus on reducing, reusing, and recycling waste.
2. Our commitment to continual improvement is evident in integrating environmental and recycling issues into our activities.
3. This policy applies to everyone involved in handling waste and recycling, including staff, students, visitors, and contractors.

4. POLICY OBJECTIVES

The objective is to comply with all legislative requirements, including the duty of care, while also preparing for future legislative changes and mitigating their effects. The following key actions will be taken:

1. Reduce waste generation at the source and encourage repair, reuse, and recycling.
 2. Dispose of waste per the Landlord's guidelines, aiming to recycle 100% of waste products.
 3. Clearly define the roles and responsibilities of all staff, students, and visitors to the College in waste management.
 4. Identify the waste management chain at the College.
 5. Increase awareness of environmental issues to encourage waste minimisation, reuse, and recycling.
 6. Ensure safe handling and storage of wastes on campus and external spaces used by the College.
 7. Provide training to staff and students on waste management issues.
 8. Promote best practices in industry waste management.
 9. Appoint competent personnel to manage waste management activities.
5. The College needs to improve its waste recycling efforts as it currently does not recycle all of its waste products, like building waste. The waste management strategy aims to achieve 'Zero to landfill' by separating recyclable materials at the source.
6. The Landlord's waste management strategy employs a 'bi-cycler system' that separates wet and dry materials, food, and glass at the source. All materials are deposited into appropriate bins in the loading bay bin store and are collected daily. The recycling plant separates dry materials using a Materials Recovery Facility.
7. General waste is incinerated to produce energy, while dry recyclable materials are sent for recycling. Food waste is used to make compost.
8. More information can be found in the institutional website:
www.gasck.edu.in

ACCOUNTABILITY AND RESPONSIBILITIES

9. The College Council and Committee approve the Waste Management Policy and ensure the College's environmental performance. In particular:

1. The College Council and Committee are responsible for approving this Policy and are accountable for the College's waste management and environmental performance. Specifically, they must ensure that the College has an up-to-date and comprehensive Waste Management Policy that complies with all relevant legislation, codes of practice, and regulatory standards.
2. Additionally, they must ensure that the College is committed to continuously improving its performance under these and related policies.
3. To achieve this, the Council and Committee must delegate duties to key personnel to ensure these policies are implemented throughout the College.

10. The Director of Resourcing and Operations is responsible for ensuring compliance with this Policy across the campus. Their departments are specifically responsible for this. The following guidelines must be followed to ensure efficient and environmentally friendly waste management at the College:

1. Properly manage all waste generated following established procedures and guidelines.
2. Identify and monitor the training needs of College staff.
3. Consider our environmental impact when procuring services or contracts for the College's day-to-day operations.
4. Work with the Waste Recycling Team to ensure compliance with the Devon House Waste Disposal regulations.
5. Monitor the implementation of the Waste Management Policy on campus and in any other spaces rented by the College.
6. Ensure all vendors are trained and compliant with the Waste Management Policy.
7. Display adequate signage and provide necessary facilities to ensure this Policy is widely adhered to.

11. 1. The College Council oversees this policy and ensures that the College complies with it.

1. The Council is tasked with discussing and documenting data supporting this policy and proposing initiatives to support further and challenge the College's commitment to this and related policies.
2. The Council also regularly reviews the College's performance and commitment to this policy.

WASTE CONTROL

12. All campus community members must dispose of waste in the appropriate bins provided by the College. Four types of bins are available for separating waste:

12.1 Food waste, which includes coffee granules and tea bags;

12.2. Dry materials, such as cardboard, paper, cans, cartons, and plastic bottles;

12.3. Non-recyclable materials include contaminated food packaging, crisp packets, sweet wrappers; and

12.4 Glass waste.

Please dispose of your waste in the correct receptacles to help maintain a clean and sustainable campus environment.

FOOD WASTE

13. Disposal of food waste in designated bins, removing packaging first. The cleaning team collects it daily and takes it to loading bay bins. Landlord handles composting.

14. Includes any food intended for human consumption that is being thrown away. Also, dispose of coffee granules and tea bags in designated bins.

DRY MATERIALS

Here are some important guidelines to follow when disposing of dry waste.

- Dry waste refers to recyclable items that are not wet or soiled, including bottles, cans, hard plastics, wood, cardboard, metals, and paper.
- It is important to break down any dry waste (like boxes) before disposing of it in the designated dry materials waste bin. Containers that can be classified as dry waste must be emptied and rinsed (if necessary) before being placed in the receptacles.
- It is important to consider the amount of dry waste that is produced during deliveries to the College.
- Finally, it is important to remember that dry waste can be a fire hazard, so it should be kept away from any entry or exit areas.

NON-RECYCLABLE MATERIALS

- All non-recyclable waste must be disposed of in the non-recyclable waste bins on campus. We ask all members of the College to please make sure they are disposing of these items in the correct receptacle.
- It is essential to know which waste materials are recyclable and which are not. Certain examples of non-recyclable waste include bags, wet cardboard, ceramics like plates and mirrors, plastic cups and disposable cutlery, plastic cartons, and crisp or snack packets unless specified otherwise. In contrast, recyclable waste typically has a label indicating such. If you're unsure whether an item can be recycled, we recommend researching it and ensuring you dispose of it properly.

GLASS

- Before disposing of any glass waste in one of the designated glass waste bins, it is important to rinse it thoroughly with warm water. This applies to any containers for food items and small quantities of glass.

- In case any big glass items need to be thrown away, please coordinate with Facilities.
- It is important for all members to inform Facilities right away if they encounter any broken glass since it can pose a risk to anyone who might accidentally touch it.

OTHER TYPES OF WASTE

- Confidential waste must be shredded using a suitable cross shredder and treated as dry material waste. If regular activities require significant personal waste disposal, separate arrangements may be made. Members should coordinate with the Facilities team to arrange a secure destruction service from a third party.
- By utilising the recycling services of our printing provider and Facilities, we can efficiently and responsibly recycle all inkjet and toner cartridges from our printers and copiers. This activity not only helps to reduce waste and protect the environment, but it also allows us to play a role in the circular economy by giving these materials a new life.
- Batteries: There are receptacles available for battery collection across Campus. Facilities have made arrangements with an external provider to recycle this waste.
- Fluorescent Tubes and Sodium Lamps: Used items will be stored securely by Facilities until collection by a registered waste carrier for proper disposal as hazardous waste.
- Waste Electrical and Electronic Equipment: The College will seek to reuse, redistribute or recycle any electronic waste. Finally, any electrical waste will be disposed of through a licensed, authorised treatment facility in compliance with the directives of
- K.S.E.B and P.W.D., both come under the Government of Kerala.
- Clinical and Infectious Waste: Before any activities that could generate clinical or infectious waste are undertaken, they must be risk assessed. Facilities will make specialised arrangements to store and dispose of this waste safely.

By following these guidelines, we can all play our part in protecting the environment and maintaining a safe and healthy campus.

ADDITIONAL INFORMATION

- Bins are located in various areas around the campus and have appropriate signage to display what items should be placed in them.
- Any bins that are full or overloaded should be reported to the onsite cleaning team or Facilities, who will arrange for emptying the contents.
- No black and other colour bags are to be used to dispose of waste. All bags must be clear.
- If the College requires the disposal of large quantities of waste paper, cardboard, or any other waste on an occasional or periodic basis, you must notify Facilities, who will liaise with the Clean and Green Campus Club so that special arrangements can be made for these items.

No refuse shall be placed anywhere other than in the proper bins provided. The onsite cleaning team is responsible for transporting waste to the disposable area.

- The Environment Agencies of the Governments offer advice and guidance for complying with environmental legislation. The websites provide access to this information.

The Environment Agency provides advice and guidance on complying with legislation; their website can be viewed at

<https://lsgkerala.gov.in/en/waste-management/rules>

<https://kswmp.org/>

<https://swachhbharatmission.gov.in/sbmcms/index.html>

https://www.pmindia.gov.in/en/major_initiatives/swachh-bharat-abhiyan/

The College commits to complying with the relevant legislation, such as

<https://suchitwamission.org/government-orders>

Environment (Protection) Act, 1986

Environment Protection under Constitutional Framework of India

battery management & handling rules 2001



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Energy Conservation Policy Document

Government Arts and Science College, Kozhinjampara

Introduction

In response to the pressing issue of diminishing energy resources, Government Arts and Science College Kozhinjampara recognizes its responsibility to enlighten future generations about the vital importance of energy conservation. Our institution is dedicated to deploying diverse methods to ensure optimal use of limited resources and eradicate wasteful practices.

Objectives

1. Advocate Sustainable Practices:

Encourage reducing waste, reusing materials, and recycling to decrease resource consumption and minimize the environmental footprint.

2. Increase Awareness of Greenhouse Gas Impact:

Educate stakeholders about the harmful consequences of uncontrolled energy usage on greenhouse gas emissions and the global climate.

3. Optimize Utilization of Resources:

Aim for effective resource management, striving to eliminate unnecessary waste through responsible practices.

4. Utilize and Conserve Renewable Energy Sources:

Utilize renewable energy sources like water and sunlight to diminish reliance on non-renewable sources and attain energy self-sufficiency.

5. Develop Sustainable Energy Strategies:

Devise strategies to fulfill growing energy needs while adhering to a sustainable approach for the future.

Methods

1. Awareness Programs:

Conduct awareness classes, observe energy-related days, and organize engaging activities to educate the college community on energy consumption and conservation.

2. Reduction of Electricity, Plastic, and Water Usage:

Encourage responsible consumption by reducing electricity and water usage, and minimizing plastic consumption within the campus.

3. Effective Management of Wastewater:

Implement efficient wastewater management projects to reduce water waste and ensure responsible handling of this vital resource.

4. Replacement of Conventional Lighting:

Upgrade lighting systems to energy-efficient LED bulbs and tubes to minimize electricity consumption and decrease the carbon footprint.

5. Utilization of Solar Energy:

Install solar panels to harness solar energy, reducing reliance on conventional power sources and promoting sustainable energy practices.

6. Water Conservation:

Implement rainwater harvesting to conserve water and augment its availability on campus.

7. Energy Audits:

Conduct periodic energy audits to evaluate energy usage patterns, identify areas of wastage, and implement corrective measures to enhance efficiency.

8. Use of Energy-Efficient Equipment:

Employ energy-efficient equipment throughout the campus to reduce overall energy consumption and enhance sustainability.

9. Optimal Building Ventilation:

Design and maintain buildings with optimal ventilation to reduce energy consumption and wastage while ensuring a conducive environment for all.

Conclusion

Government Arts and Science College, Kozhinjampara is firmly committed to the successful implementation and promotion of these energy conservation objectives and methods. By fostering a culture of energy awareness and responsible resource utilization, we aspire to create a sustainable future for our institution and contribute to a greener and healthier planet.



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Water Conservation Policy Document

Government Arts and Science College, Kozhinjampara

Objective:

To promote responsible water usage and conservation within Government Arts and Science College, Kozhinjampara, utilizing the existing pond and implementing rainwater harvesting initiatives.

Policy Guidelines:

1. Pond Utilization and Maintenance:

- a. The college pond shall remain the primary reservoir of fresh water on campus.
- b. All new construction and landscaping activities shall prioritize channeling water flow towards the pond.
- c. Regular maintenance of the pond shall be conducted to remove excess sedimentation and ensure optimal water quality and capacity.

2. Rainwater Harvesting Initiatives:

- a. The NSS Unit, named The Blue Army Club, shall continue to lead rainwater harvesting efforts on campus.
- b. Existing rain harvesting pits shall be maintained and expanded as necessary for efficient groundwater recharging.
- c. The faculty coordinator, Ms. Hemalatha, shall oversee the execution of rainwater harvesting projects and coordinate with The Blue Army Club.

3. Education and Awareness:

- a. Conduct regular workshops, seminars, and awareness campaigns to educate students, faculty, and staff about the importance of water conservation.
- b. Promote responsible water usage practices through various communication channels, including posters, newsletters, and social media.

4. Student Involvement and Participation:

- a. Encourage active involvement of students in water conservation efforts.
- b. Recognize and reward outstanding contributions to water conservation through awards and certificates.
- c. The Blue Army Club shall organize and lead activities related to water conservation, including clean-up drives, awareness rallies, and tree plantations to support groundwater recharge.

5. Monitoring and Evaluation:

- a. Establish a monitoring committee to regularly evaluate the effectiveness of water conservation initiatives.
- b. Assess water usage data, pond levels, and rainwater harvesting efficiency to make informed decisions and improvements to the policy.

6. Policy Review:

- a. Conduct periodic reviews of the water conservation policy to ensure its relevance and effectiveness.
- b. Gather feedback from stakeholders and consider recommendations for policy updates and enhancements.

This policy shall be communicated to all stakeholders and strictly implemented to ensure responsible water usage and sustainable conservation practices at Government Arts and Science College, Kozhijampara.



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POLICY FOR INCLUSION OF PEOPLE WITH DISABILITIES IN CAMPUS

Government Arts and Science College, Kozhinjampara

Objective:

To create an inclusive and accessible environment at Government Arts and Science College, Kozhinjampara, promoting inclusion, anti-discrimination, and compliance with UGC Guidelines for Scheme of Equal Opportunity Centre for Colleges.

Policy Guidelines:

1. Implementation of UGC Guidelines:

a. Adhere to the UGC Guidelines for Scheme of Equal Opportunity Centre for Colleges, ensuring strict compliance and proactive integration of inclusive policies within the college framework.

2. Admissions and Empowerment:

a. Ensure that admission policies are strictly followed, in line with UGC guidelines, promoting the admission and empowerment of students from all social backgrounds, including those with disabilities.

b. Implement intensive mentoring and counseling programs to provide adequate support and guidance to disabled students throughout their academic journey.

3. Equal Opportunity Cell Strengthening:

a. Strengthen The Equal Opportunity Cell to actively promote an atmosphere of equality and inclusivity, offering special privileges and support tailored to the needs of disabled students.

b. Regularly monitor and evaluate the effectiveness of the Equal Opportunity Cell's initiatives and services.

4. Staffing Policies:

a. Appointments are done by the DCE, Kerala which adhere to the Government approved roster for the appointment of Teaching and Non-Teaching Staff for the Persons with Disabilities (PwD) category, ensuring representation and equal opportunities for individuals with disabilities.

b. Promote a diverse and inclusive work environment, encouraging applications from qualified individuals with disabilities for both teaching and non-teaching positions.

5. Infrastructure Accessibility:

a. Conduct a comprehensive assessment of the campus infrastructure to identify areas requiring accessibility improvements for people with disabilities.

b. Prioritize and expedite the installation of ramps, railings, and accessible washrooms, ensuring seamless access to facilities for disabled students and staff.

c. Provide sports and wellness facilities suited to the needs of students with disabilities.

6. Provision of Technological Support:

a. Equip the college with necessary mechanical and technological support, such as reading resources in Braille, wheelchairs, and disabled-friendly signposts, to enhance accessibility for individuals with disabilities.

b. Regularly assess and upgrade technology to meet the evolving needs of disabled individuals, facilitating their active participation in academic and extracurricular activities.

7. Awareness and Sensitization:

a. Conduct regular awareness campaigns and workshops to sensitize the college community about the needs and rights of individuals with disabilities, promoting an inclusive and empathetic environment.

b. Encourage active participation and engagement from students and staff to cultivate a culture of respect and understanding.

c. Organize academic and cultural activities, training, short-term courses, and workshops specially designed to cater to the needs of students with disabilities.

8. Counselling and Additional Support:

a. Provide dedicated counselling facilities to address the mental health needs of people with disabilities, ensuring their overall well-being and mental wellness.

b. Conduct remedial classes for students with disabilities, providing additional academic support and resources to enhance their learning experience.

This policy is committed to promoting inclusivity, anti-discrimination, and adherence to UGC guidelines to create an empowering environment for individuals with disabilities at Government Arts and Science College, Kozhinjampara.



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