



NIRMALAGIRI COLLEGE

AFFILIATED TO KANNUR UNIVERSITY, RE-ACCREDITED BY NAAC WITH A GRADE

Nirmalagiri, Kuthuparamba, Kannur, Kerala, India 670701

ENVIRONMENT AND WASTE MANAGEMENT- POLICY, PROCEDURE AND GUIDELINES

QUALITY POLICY

AREA: ENVIRONMENT

ENVIRONMENT AND WASTE MANAGEMENT- POLICY, PROCEDURE AND GUIDELINES

TABLE OF CONTENTS

POLICY	2
POLICY STATEMENT	2
AWARENESS & CONSERVATION -RESPONSIBILITIES & GUIDELINES	3
GUIDELINES ON WASTE MANAGEMENT	4
CONTRIBUTION TO ENVIRONMENT	5
FEEDBACK	6
APPROVAL AND REVIEW DETAILS	6

POLICY

Area: Environment

Policy No: 203, dated 18/01/2020

Title: Environment and Waste Management

Document Owner: Principal

POLICY STATEMENT

Nirmalagiri College perceives that it has a lawful and moral obligation to deal with its exercises in such a manner as to diminish unfavourable effect on environment, forestall contamination and pollution, upgrade climate cognizance in future, go to relief lengths and embrace techniques for sustainable development. Article 51-A of the Indian Constitution expresses that "it shall be the duty of every citizen of India to protect and improve the natural environment including forests, lakes, rivers and wildlife and to have compassion for living creatures." The policy listed below is to foster long-term benefits for Nirmalagiri College community collectively for setting and achieving of goals and targets.

1. All activities on the campus will be consistent with environmental and legal requirements, guidelines, and directives.
2. Natural variables will be taken into consideration when making significant decisions, including new developments and daily activities.
3. Awareness about the fragile nature of the environment will be promoted among the Nirmalagiri College community, particularly students.
4. Waste reduction will be a top priority, and reuse will be promoted whenever possible.
5. Innovative measures will be taken to minimize the use of resources such as energy and water.
6. Measures will be implemented to harvest rainwater and solar energy to achieve self-sustainability.
7. The organization's environmental performance will be evaluated annually through environmental, energy, and green audits to ensure continuous improvement

AWARENESS & CONSERVATION -RESPONSIBILITIES & GUIDELINES

1. This policy will be imparted to all students, teaching and non-teaching staff of Nirmalagiri College and be accessible to the public through the college website.
2. All newly admitted students will be informed of the policies and rules regarding the waste management during the Student Induction Programme.
3. The departments of Botany, Physics, Chemistry and Zoology; and Bhoomithrasena ought to conduct awareness programs all through the year to create awareness and foster new approaches to protect the environment.
4. NSS and NCC units of the college ought to take dynamic roles in creating awareness among the students.
5. The department of Botany in association with IQAC should regularly conduct green audit.
6. The coordinator and volunteers of Bhoomithrasena should share the obligation with college in dealing with planting tree saplings, creation of vermicompost, awareness programmes etc.
7. Monitoring the waste management system of the College is the joint responsibility of the college management and departments.
8. The Department of Botany in association with NSS ought to take measures to maintain the biodiversity richness of the campus.
9. Heads of the Departments should take measures for waste management and energy conservation in their respective departments.

GUIDELINES ON WASTE MANAGEMENT

Regular orientation programme and training sessions on waste management for the administrators, teachers and support staff.

Waste stream	Infrastructure	System procedures
General Solid wastes: To be handled as per the Solid Waste Management Rules, 2016 of Central Pollution Control Board.	<ul style="list-style-type: none"> • Proper bin systems, segregated waste collection/ storage and material recovery shed are properly maintained. • Dedicated support staff for the collection, segregation and material recovery. 	<ul style="list-style-type: none"> • Local bodies are the responsible agencies for the disposal of solid wastes. College has entered in to an agreement with Mangattidam Grama Panchayath for uninterrupted waste disposal including plastics, paper and metals.
Paper waste from departments and administrative office	<ul style="list-style-type: none"> • Paper waste is hand over to agencies for recycling 	<ul style="list-style-type: none"> • As a part of Green initiatives, the institution promotes digital filing • Double side printing is promoted in the College.
Chemical waste from laboratory, spent/ expired chemicals: To be handled as per the HOWM (Hazardous and Other Waste Management) Rules, 2016.	<ul style="list-style-type: none"> • Proper, fool proof and secure storage space for storing such wastes are made in the College. 	<ul style="list-style-type: none"> • Chemical wastes are handle separately as solid and liquid waste, which are then directed to proper chemical waste tanks.

Biodegradable waste	Wall mountable sanitary napkin dispenser / destroyer/ incinerator installed at ladies toilets. Biogas Plant	<ul style="list-style-type: none"> The NSS volunteers manage the sanitary napkin dispenser and support staff carries the regular maintenance.
Electronic waste and battery	<ul style="list-style-type: none"> Storage space 	<ul style="list-style-type: none"> College has an MoU with CISOF Technologies Battery buy back system with approved battery dealers/ sellers.
Canteen wastewater/ grey water from urinals/ wash rooms/ general wastewater.	<ul style="list-style-type: none"> Waste pits, Biogas plant 	<ul style="list-style-type: none"> Waste pits are properly maintained and periodical check-ups are done.

CONTRIBUTION TO ENVIRONMENT

It is part of the policy of the College to contribute to the environment by reducing the environmental foot prints. College has taken following measures at the policy level.

- Plant and grow at least two hundred saplings of indigenous variety, geographically tagged mango (Kuttiature).
- Medicinal garden by the Department of Botany
- Polyhouse farming by Department of Botany
- Vegetable garden by NSS
- As a part of environmentally friendly initiative "Bhoomikkoru Kuda" (Shield for Earth) planted around two thousand five hundred trees of different species in the campus.
- Installed a solar energy plant with a capacity of 30 kWh per day.
- Increase the solar energy capacity over the years.

- Increase rain water harvesting capacity to 100,000 litres in next five years.
- Promote energy efficient electronic equipment.
- Reduce the use of paper every year at least 20 % than the previous year by making paper less procedures in office and departments.

FEEDBACK

The staff and students of Nirmalagiri College may provide feedback about this document by emailing iqac@nirmalagiricollege.ac.in

APPROVAL AND REVIEW DETAILS

Approval authority	Governing Body
Administrator	Principal
Approved On	18 th January 2020
Next Review Date	18 th January 2024




Principal
Nirmalagiri College