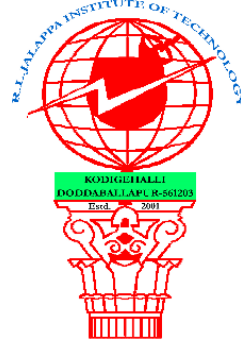


ENVIRONMENTAL POLICY



(ENVIRONMENTAL POLICY - 2023)

(Revised Version of Environmental Policy -2018)

Ref. No. RLJIT /NAAC/2022-23/Policies/023

Approved by Institute Council Meeting on 30/01/2023

Sri Devaraj Urs Educational Trust (R.)

R. L. Jalappa Institute of Technology

(Approved by AICTE, New Delhi & Affiliated to VTU, Belagavi)

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Recommendations of the Institution Council for the revision of approval Environmental Policy

History of changes in Environmental Policy

Sl. No.	Newly Added/Revised	Environmental Policy- 2018	Environmental Policy- 2023
1	Implementation	Not Included	<ul style="list-style-type: none">• Restricted Use of Automobiles• Ban on Single-use Plastics on the Campus
2	Continuous Improvement	Revised and updated in EP 2023	<ul style="list-style-type: none">• Student Outreach Program (SOP) activities



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Ref. No. RLJIT /NAAC/2022-23/Policies/023

Environmental Policy

Policy statement

The Green Campus policy provides environmentally friendly practices where the education combines to promote sustainable, eco-friendly practices in the campus and beyond the campus.

Scope of the policy

This policy is applicable to the campus of RLJIT covering academic areas college, hostels and canteen.

Objectives

1. RLJIT shall strive to develop self-sustainable in the areas of power, water and cleanliness.
2. The faculty staff and students have to contribute collectively to develop an eco-friendly sustainable campus disseminate the concept of eco-friendly culture to the nearby community.
3. Create awareness about environmental issues among the faculty, staff students and public about the various environment related problems.
4. Conserve nature and natural resources in the surrounding areas and educate the faculty, staff, students and public on how to live Eco-friendly.

Implementation

The Environment and green campus committee is responsible for implementation and monitoring of the Environment Sustainability policy.

RLJIT is committed to maintain its campus in accordance with responsibilities towards promoting sustainable environment. The green campus concept offers the opportunity to take the lead in redefining the environmental culture by installing environmental ethics among students and staff &

developing new paradigms by creating sustainable harmonious co-existence with the environment while fulfilling the social and economic needs of the mankind.

In pursuit of improved environmental performance, we accentuate upon the following major areas:

- Green Environment and Clean Campus
- Solid Waste Management
- E-Waste Management
- Liquid Waste Management
- Maintenance of Water Bodies in campus
- Water Conservation and Management
- Landscaping with Trees and Plants
- Energy Use and Conservation
- Restricted Use of Automobiles
- Ban on Single-use Plastics on the Campus
- Green Audit
- Rainwater harvesting

GREEN ENVIRONMENT AND CLEAN CAMPUS

The students, staff and faculty shall work towards maintaining the campus clean and tidy. Dustbins at various strategic locations of the campus shall be provided to promote cleanliness in campus. Several Quotes related to the importance of clean and green environment shall be displayed on the campus. A gardener and full-time adequate support staff shall be appointed for the maintenance of litter free clean and Green Campus,

SOLID WASTE MANAGEMENT

The college shall pay dedicated focus to see that minimal waste is generated in the campus. Solid waste shall be segregated as bio degradable and non- degradable waste. The segregation of waste shall be done while collecting the waste itself by providing different colored dustbins for dry waste, wet waste and paper wastes. The Wet waste or the Kitchen waste shall be sent to Poultry farm as food substitutes and recycled. Metallic wastes and other solid waste shall be handed over to the recycling system maintained by the local Panchayath. Institute shall have a system where in plant

waste, tree waste and debris are collected and decomposed in a pit and used as fertilizers for plants and gardens in College Campus. To sustain eco-friendly and green campus, Various NSS programs like Swachh Bharat Abhiyan, Clean & Green activities and plantation in campus shall be regularly conducted.

E-WASTE MANAGEMENT

With the proliferation of electronics also comes the challenge of their proper disposal. The technological advancements have accelerated e-waste growth as students, faculty and administrators frequently upgrade to better gadgets. Institute shall have a service agreement for E-Waste Disposal. The waste material which is all forms of electronics equipment, IT equipment's like Desktops, Monitors, Laptops, servers, Modems and Converters, Multiplexes, Switches, CPE telecommunications equipment, network equipment, printers, faxes, copiers, scanners, batteries, electronic storage media, toners and any other electronic related equipment are to be recycled or disposed as per the Government norms. Commit towards reduction in carbon emissions by effective usage of suitable software.

LIQUID WASTE MANAGEMENT

In order to conserve potable water and better management of waste water, Sewage Water Treatment plant shall be set up. The water thus treated and purified via STP, shall be used for irrigating the landscape in the campus. This avoids usage of potable water and ensures water conservation. Regular maintenance activity of STP shall be carried out to ensure water is treated and purified properly..

MAINTENANCE OF WATER BODIES

Next to air, water is the most important element for the preservation of life. Water, if not managed properly, will result in shortages in the near future. Students are made aware that conserving water is equivalent to conserving their future. In house plumbers shall attend regularly to fix leakages and prevent wastage of water. Periodic maintenance of pumps shall be done to optimize the usage and reduce wastage of water. Ample number of bore wells and open wells with rain water recharging system shall be maintained so that the entire water requirement which caters to the needs of the students and staff shall be met. The institution shall house good storage system for water, ample number of Storage tanks shall be constructed and

Maintained in the vicinity of the academic block, girl's Hostel, boy's hostel, gymnasium, college canteen and Guest house. The water from Sewage treatment plant shall be used exclusively for watering the gardens in the campus.

For drinking purpose, the Institution shall maintain Water purifiers, which purifies and separates drinking water and waste water. Regular maintenance of the water purifiers shall be conducted. The waste water from purifiers if any shall be used for cleaning purpose and watering the plants. Every floor shall be equipped with water coolers and purifiers for drinking purpose.

Apart from the ground water, the College shall house rain water harvesting pits, which will function to store water during rainy season and recharge the ground water

Cleaning and disinfection of water holding tanks shall be carried out on regular basis to remove algae, silt, and bacteria which may be harmful. Periodic maintenance of water filters to be carried out to provide the students and staff with pure drinking water.

WATER CONSERVATION AND MANAGEMENT

A rainwater harvesting system shall be built to cater to the water requirements of the college campus. A suitable storage unit like a reservoir or bund shall be constructed in the College campus. The water collected will be allowed to seep into the ground in order to improve the ground water table level. The rain water harvesting pit close to the water bodies like wells, borewells to be used to recharge the ground water. Thus, institute shall propagate and promote conservation of Rain water among the students, staff and even the local community.

LANDSCAPING WITH TREES AND PLANTS

The College NSS team shall organize tree Plantation program every year at the College Campus. Faculty and students need to take part in the Vanamahotsava programme. Students and staff are required to initiate and participate in the tree plantations drive on the campus and also outside the campus.

The college shall commit to enriching the healthy green habitat and maintaining the symbiotic relation of the institution.

ENERGY USE AND CONSERVATION

Energy audit of consumption of electricity in the college is to be conducted regularly. The objective of this audit is to identify the extent of energy consumption and find appropriate strategies of conservation. Institute shall work towards stage wise implementation of alternative sources of energy.

RESTRICTED USE OF AUTOMOBILES

Automobiles entry to be minimized in the college campus. There shall be restrictions on the student vehicle movement within the campus. The vehicles shall be parked near the main gate itself and not allowed to enter near the academic block of the campus. In sync with the Green Policy, only 30 percent of the staff use parking space for their private vehicles, while the rest of them depend on college bus.

BAN ON SINGLE-USE PLASTICS IN THE CAMPUS

RLJIT shall adopt practices and revise its policies towards a cleaner and plastic-free campus. Following the VTU guidelines on 30 November 2018 to educational institutions, college shall issue a notification to Students and all Stakeholders that there would be a ban implemented on the use of single use plastics on the campus. Students and faculties are required to be educated regarding the ill effects of usage of plastics. Proper segregation of the different grade of plastics to be done during the collection stage itself. The plastics thus collected shall be sent to the recycling facility present in the campus and converted to useful product. The institution through its Student Outreach program to conducts sensitization programs on the harmful impact of single-use plastics and shall mandate all the students to avoid bringing non-bio-degradable plastic items to the institution, which include plastic bags, cups, plates, small drinking water bottles, straws and sachets. The institution to facilitate environment friendly substitutes like stainless steel, washable and reusable tumblers at all water units and canteen to serve only in paper plates and paper cups to systematically ban the use of plastics on the campus.

GREEN AUDIT

The College shall conduct Green Audit regularly to identify, quantify, describe and prioritize a framework of Environment Sustainability in compliance with the applicable regulations, policies and standards. A gardener and full-time staff shall be appointed for the maintenance of clean and Green Campus. Green Audit: Audit reports from the Auditing agency to be collected and implemented.

Auditing to be conducted once in every two years.

CONTINUOUS IMPROVEMENT

Green Environment and Clean Campus A gardener and full-time adequate - support staff shall be appointed for the maintenance of litter free clean and Green Campus. There shall be regular visits and checks from the college administration consisting of Administrative officer to verify and regulate the cleanliness of the college campus. Waste Management-All the waste management activity shall be monitored and maintenance shall be checked regularly by the committee and reports shall be submitted to principal on regular basis. Any improvements in the activity as suggested by the principal and Administrative officer shall be incorporated from time to time. Landscaping with Trees and Plants Regular environmental propagation activities like Vanamohotsava, Earth day etc. shall be conducted and reports to be submitted to the principal for his approval. Student Outreach Program (SOP) activities shall be organized in and around the college campus by the various SOP groups and importance of the environmental protection be conveyed to the local villagers around the college campus. Suggestions from green Audit and energy audit to be incorporated before next scheduled audit.

Rainwater Harvesting

The college ensures rain-water conservation through rainwater harvesting. The rainwater from the roof top outlets is carried through the well-connected pipelines to the wells or is collected in the large water harvesting tanks and the overflowing rain-water from these tanks is discharged in the soak-pits for ground water recharge. Both the wells in the college and in the Girl's' Hostel are connected to rooftop rainwater harvesting system and the collected rainwater is discharged to the wells. Rainwater collected in the tank is supplied to the plants in the Medico- Botanical Garden of the college. The college has established two tanks near the Department of Chemistry for the collection of rainwater which is used for laboratory use. In addition to this, the overflowing rainwater from these tanks is carried to the soak pit for ground water recharge Excess Water in the Water Harvesting Water Collection Tanks is discharged in the Pit for Groundwater Recharge.

Policy Preparation and Verification Team

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