Environment Policy

SHRI GURU RAM RAI UNIVERSITY

PATEL NAGAR, DEHRADUN-248001

[Estd. by Govt. of Uttarakhand, vide Shri Guru Ram Rai University Act no. 03 of 2017 & recognized by UGC u/s (2f) of UGC Act 1956]

ENVIORNMENT POLICY

DOCUMENT

PREAMBLE

The main objective of SGRR University is to emphasise personal education while obtaining academic excellence.

Focusing on individual education while achieving academic success is SGRR University's main objective. At the institutional level, we work to put best practises into place to lessen our impact on the environment and achieve resilience and sustainability. We understand the essential duties laid out in the Indian Constitution. In line with the Sustainable Development Goals (SDGs), we are committed to meeting the reasonable requirements of the present generation without endangering their ability to meet their own needs in the future. For a safe and secure future in the face of climate change, the university strives to strike a balance between institutional operations and environmental preservation.

CONTEXT

SGRR University is committed to sustaining in all its undertakings, including teaching, research, and community participation. The University is known for being a reliable institution. Attaining high environmental standards along with increasing its awareness is something that SGRRU is focused for. The biodiversity of our lush green vegetation, animals, and well-maintained herb and plant gardens witness to our reputation for sustaining high environmental standards.

PURPOSE

The university's energy and environmental policies are intended to provide a broad picture of the university's objective to minimise the environmental impacts of its operations and activities while simultaneously managing the available resources sustainably. The university's commitment to environmental best practises is outlined in the policy statement, which also promotes resource sustainability on and off campus. This paper lays out the ideas, areas of focus, and methods for carrying out, managing, and evaluating the University's environmental plans. Its goal is to reduce energy and resource usage that could imperil sustainability initiatives being undertaken at the university level. This policy will inform university personnel, students, and employees about the administration's goals and objectives while also contributing to the improvement of the environment for coming generations.

The policy document's support in incorporating effectiveness and environmental consciousness into daily actions will help us better understand our obligations and commitment to natural resource conservation and utilisation. The

SCOPE

Our university has tried to address the sustainability issue through both curricular and extracurricular activities. We promote suggestions and idea exchange in order to build a society that is more risk-averse, resilient, and sustainable. Our sincere $\widehat{\text{answer is}}$ to develop

innovative frameworks for understanding the sustainable development paradigm. We are interested in learning about novel concepts that might help the environmental movement.

PRINCIPLES AND OBJECTIVES

SGRR University has implemented a number of eco-friendly programmes in its campus. Many committees have been established to carry out and manage these tasks. Academically, The School of Basic and applied sciences, instructs the graduate-level environmental sciences course. Furthermore, our university has created important committees like Eco -Task Force, NCC and NSS   to assess, manage, and carry out university activities and sustainable practises. We also perform a necessary "Green audit" , outreach initiatives addressing climate change challenges. We include all university stakeholders in our events for a wider knowledge spread.

The objectives of SGRR University are as follows:

1. Using the semester-long course-curriculum, promote education for the multidisciplinary nature of the environment and sustainable development.

2. The University will make an effort to train its employees and raise knowledge of environmental issues and the environmental effects of its operations among academic staff, students, and other users.

3. The appropriate University committees will formally monitor sustainability-related projects and activities, evaluate their efficacy, and provide reports.

4. The University will keep up with environmental regulations to lessen its environmental impact by working towards a number of goals, including plantation, water management, energy conservation, solid waste management, air quality management, and a reduction in carbon footprint.

5. Establish and maintain an energy management system in the university. Interacting with pertinent governmental organisations, regional governments, and connected universities to help promote environmental protection, energy efficiency, and sustainable development. Take actions that are good for the environment (such as employing clean energy and renewable resources).

6. Stress the value of keeping a campus that is natural and clean.

7. Educate stakeholders and students about sustainable practises.

8. Curriculum-enhancing applied learning.

9. Refreshing or enhancing the institution's profile.

10. Promoting environmental ethics and values among youth

11. Conduct audits to identify problem areas and provide recommendations.

12. Spread awareness of sustainable development among students on all academic fields and observing Reducing, reusing, and recycling are the three R's.

13. Conduct internal energy audits on a regular basis to seek for ways to save energy.

14. To ensure successful departmental implementation, the Institution Energy Audit/Management Cell supervises routine follow-up and monitoring operations.Teaching energy conservation to professors, non-teaching staff, students, and housekeeping staff to help the Institute become a leader in the industry.

15. Encourage your faculty members to become certified energy managers and auditors.

16. Establish contacts with businesses and do a complete energy audit.

17. Encourage people from all walks of life to recognise the importance of energy conservation.

18. Review the policy at least once a year.

The following priority areas will be used to advance the university's environmental policy:

WATER MANAGEMENT

- Effective techniques to conserve water and lower consumption include using the least quantity of water necessary for activities and making sure that the water that is used is supplied and disposed of in the purest condition.

- A continuous programme of water conservation would be implemented to track usage, correct leaks, and get rid of excessive or needless use.

- Encourage the reporting and rapid repair of leaks. The installation of rainwater collection devices will aid in groundwater replenishment, artificial recharge, and the revival of traditional groundwater recharge processes.

- The university will promote the use of water-saving strategies like sprinklers or drip irrigation in its gardening initiatives.

- Increase the number of Indian-style toilets rather than western-style toilets to preserve water. Limit the release and mixing of foil from the University canteen liquid waste in the municipal drainage system.

- Restrooms use wastewater that has been recycled by reverse osmosis (RO) systems.

SOLID WASTE MANAGEMENT:

The University will make every effort to decrease waste creation, including lowering the acquisition of new materials, recycling, and reusing present resources. Trash will be disposed
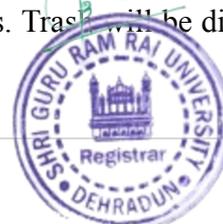
in a way that has the least detrimental effects on the environment. Dustbins and trash cans are positioned where they are needed; plastic is not allowed on campus.

• Composting of solid waste from lodgings, canteens, and hostels; use of the fewest possible toxic chemicals and dangerous cleaning products by the University.

• As the final stage in solid waste reduction and as a strategy to turn trash into a resource, the institution has committed to a comprehensive recycling plan.

• In addition to developing a programme for waste-to-composting and bio-mass resource recovery, it will separate, recycle, and utilise its solid wastes.

• Consistently follow the 3Rs (Reduce, Reuse, and Recycle) of environmental friendliness.

• Collect and recycle the paper trash generated on campus in collaboration with scrap merchants.

• To reduce solid waste, develop an instructional and management strategy that emphasises technology.

• By promoting the digitization of attendance and internal assessment records, less paper is used.

• To reduce the need for physical books, the university library should update its catalogue of electronic books and journals.

• Encourage both students and instructors to email in their assignments.

• Take steps to improve students' comprehension of food waste and strategies for reducing it.

consuming fewer packaged foods and establishing a recycling and reuse programme for non-biodegradable goods.

• Arranging solid waste management workshops with an emphasis on students.

E-WASTE MANAGEMENT

The University promises that neither its technological use nor the creation of e-waste has a negative impact on the environment. The University intends to work towards the following goals:

• Additional plans for removing electronic waste from institutions.

• Working in concert with businesses that recycle electronic waste.

• The students' familiarity with environmentally appropriate e-waste disposal techniques and e-waste minimization techniques.

• Assisting with departmental and societal e-waste management initiatives.

AIR QUALITY MANAGEMENT

Keep healthy vegetation on campus to improve CO2 sequestration. •

• In any given month, no vehicle day will be initiated.

• To reduce dust, open spaces with grass and a lawn are made.

We encourage all of our employees and students to take public transit. We advocate for carpooling to university in order to reduce pollution and increase social connection. Car access is restricted on campus in order to reduce the use of personal vehicles.

Smoking is prohibited on campus:

The University prohibits smoking and the use of tobacco products in accordance with the National Tobacco Control Programme (NTCP).

The University will take steps to decrease the impact that traffic has on the environment.

REDUCE CARBON FOOTPRINTS

Encourage the application of various carbon-reduction techniques.

• Energy-efficient green building plans that include the temperature and light outside.

• Achieving zero waste using the RRR (Reduce, Reuse, and Recycling) method.

• Green computing to cut down on paper usage.

• The use of electric vehicles on campus.

• Making use of lights and tools that are energy-efficient.

• Increasing the amount of native vegetation on the campus.

ACQUISITION OF SUSTAINABLE RESOURCES

The University is aware that one of the most important ways it can demonstrate its commitment to environmental stewardship is through the resources it chooses to purchase. The University will weigh maintenance, life cycle, and environmental costs when making purchases in an effort to get the most for its money.

The University should only utilise goods and services with minimally harmful environmental impacts during their manufacturing, distribution, packaging, use, reuse, recycling, and disposal, according to a strict purchasing strategy. Avoid using any potentially dangerous environmental materials.

ENVIRONMENT MANAGEMENT SYSTEM

The University has to establish an environmental management system (EMS), such as ISO 14000, adopt standardised environmental management practises, track the actual use, and get trustworthy third-party certification. The University should give precedence to ISO 14000
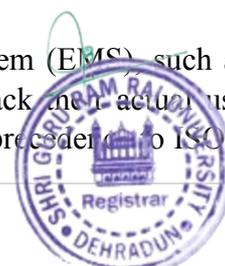
goods and services when making purchases, with the exception of those that are currently only available to small-scale business.

ENVIRONMENTAL AUDIT

In order to meet the demands of environmental audits, the institution will make every effort to offer training that will benefit both staff and students.

The University will stay up to date on emerging trends in international contexts and keep an eye out for opportunities to collaborate with auditing firms.

ENVIRONMNETAL EDUCATION, TRANING AND AWARENESS

To make sure that everyone on campus is aware of the policy's objectives and can participate in its execution, outreach and education. The university promotes and encourages awareness campaigns, seminars, workshops, conferences, and other interactive sessions to ensure that the Green Campus, Energy, and Environment policies are effectively implemented.

ENVIRONMENT-CENTRIC STUDENT ORGANISATIONS AND DEPARTMENTAL EVENTS

The University promotes particular student clubs like Green society, NSS, NCC, and others to arrange events, competitions, and training sessions that will result in favourable environmental improvements at the grassroots level. The institute works with departments and student clubs to help students develop into passionate environmental advocates and environmentalists.

Conduct Green Audit

The institution intends to regularly carry out a Green Audit of our University campus to evaluate our strengths and shortcomings in order to meet our long-term sustainability goals. By doing a green audit, you can find out how and where you waste the most energy, water, or materials. The University can then think about ways to enhance operations while saving money. It can tell you what kind and how much waste you have.

It is possible to undertake recycling or waste minimization projects. It will raise awareness of environmental ethics and principles as well as health-related issues. It helps students comprehend how environmental practises on campus affect the environment. Green audits can enable you to conserve resources and make financial savings.

Clean Campus Initiatives

The university pledged to spearhead cleaning campaigns on both in accordance with the Swachh Bharat Abhiyan's objective both on and off campus. The broad goal is as follows:

Regularly organising cleanliness initiatives and educating teachers and staff about the importance of cleanliness and hygiene. The goal is to inspire them to offer assistance proactively.

• Employee participation in the university's cleaning initiative will be encouraged.

 • The NSS, NCC, and Green Society volunteers at the university will include Swachh Bharat Abhiyan initiatives into all of their community service projects.

• There will be competitions on the topic of "Swachh Bharat" for posters, slogans, essays, spoken word poetry, speeches, and skits.

• Protests in support of the Swachh Bharat Abhiyan. Organise educational sessions on the 3 Rs: recycling, reusing, and trash

• Make a commitment to managing waste and keeping the campus clean.

LANDSCAPING INITIATIVES

A university's campus setting can be viewed as a physical manifestation of its values, much like its buildings. It is an essential part of campus life since it offers opportunities for learning, entertainment, outdoor activities, rest, and aesthetic pleasure. Green campus landscaping also lessens runoff, recharges groundwater, and filters and cools the campus air. The setting acts as an outward sign of the school's dedication to environmental stewardship. Campus landscaping initiatives are a great way to raise environmental awareness since they are so visible and approachable. The campus features variety of plant species in addition to many acres of grass. The environment of trees and plants provides visitors, students, and staff with a fresh, cool atmosphere.

By routinely sponsoring tree-planting campaigns and encouraging student societies to host tree-planting activities, the university demonstrates its commitment to strengthening this vibrant ecosystem and maintaining the institution's symbiotic relationship with nature.

ENERGY SAVING AND ENERGY EFFICIENT EQUIPMENT

We promise to install energy-efficient, environmentally responsible electrical appliances. The University is in favour of using environmentally friendly energy sources, such as LED lighting.

ACTION PLAN

• Observance of key holidays, such as Ozone Day and Earth Day.

• Begin a campaign to spread knowledge about pollution and put protective measures in place.

• Carry out routine environmental and green audits, and take any necessary remedial actions.

• Ensure that clean campus practises are continuously evaluated and updated. Examples include proper rubbish disposal, stakeholder e-waste campaigns, rainwater harvesting, and monitoring responsible water usage.

• Programmes that promote recycling, reuse, repair, and renovation, among other things.

• Take the initiative to start a discussion on environmental research and other policy updates at the departmental or collegiate level.

•Continually monitoring and benchmarking resource use and trash production.

• Keep an eye on and assess your energy usage.

• Establishing strategies for conservation and short- and long-term goals to meet and exceed the Campus's zero-carbon ambitions.

• Using energy-efficient, star-rated equipment.

• Regular maintenance and LED fixture and additional light replacement.

• Maintaining a sustainable approach by extending the useful life of present equipment and, when necessary, replacing it with more efficient equipment.

• Before going on to the Replace & Recycle stage, use great maintenance to reduce e-waste.

• As much as possible, use natural light for indoor lighting and ventilation.

• To save energy in classrooms, halls, offices, and restrooms, use occupancy sensors and sensor-based switches for streetlights and corridor lighting.

Quest for Excellence"

SHRI GURU RAM RAI UNIVERSITY
(Established By Govt. of Uttarakhand, vide Shri Guru Ram Rai University, Act no. 3 of 2017)

Enlightening lives through Education...