



RKDF University
Gandhi Nagar, Bhopal

Green campus initiatives: Policy

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(For official use)

Green campus initiatives: Policy on sustainable Green, Environment and Energy usages

In coordination with contribution towards research and teaching, higher education Institutes has a responsibility to protect and nurture the environment. By exercising proper control over all its activities the University aims to ensure sustainable use of resources and prevent wasteful or damaging practices. RKDF University Bhopal aims to manage its operations in such a way that are environmentally sustainable, economically feasible and socially responsible. The motto is to develop a Green Campus where environmental friendly practices and education combine to promote sustainable and eco-friendly practices. The University is committed to develop self-sustainable power sources, water conservation initiatives and proper cleanliness with following approved ways of waste disposal. This policy represents the important components of the University efforts on broader aspects of sustainability strategy.

This document sets out the aims and objectives of RKDF University Bhopal for safeguarding the environment, and the implementation strategy and monitoring aspects.

University Profile at Present

The University campus has early 40% of buildup area and 60 % of open area. Currently RKDF University Bhopal campus has developed a medicinal garden having 29 varieties of medicinally valuable plant species. Two plantation zones have been created which are being maintained having approximately 1800 plants including decorative trees and fruiting plants. A green house has been developed for exotic plant varieties with a nursery for regular plantation activities and landscaping in the campus. Vermicompost facility has been developed using the biodegradable wastes generated by the canteen and hostels in the campus. This unit produces green fertilizer which is used in the campus plantation. University further aims to incorporate STP, ETP plant in the campus for management of non-degradable waste and effluent water. Maintaining the ground water level is also the top priorities by installing rain water harvesting and preserving rain water in recharge pond. The university has developed 20 gardens near to different institute building measuring 6,31,988 sq.ft. university from recognized authorities conducting green energy audits regularly & implementing their recommendations. The university also constituted religiously green campus monitoring committee.

Scope: This policy is applicable to all the staff members and students associated with RKDF University.

Purpose:

This policy provides the guidelines for the students, faculties and staff members associated with the RKDF University Bhopal campus guiding about conservation and protection of the environment.

Procedure / Practices:

- Optimal use of availed water and prevention water wastage in university campus
- Turn off the computers and other related equipment and application when not in use.
- Turn off all the electrical equipment before leaving the classroom/labs/campus.
- To reduce air and noise pollution Students residing in the neighborhood of the university are encouraged to use bicycles for conveyance.
- Vehicles are allowed in the campus with valid driving license of students driving license, insurance, etc.
- Students and Staff are advised to park their vehicles in the parking space provided by the university in campus.
- Trees are pruned; watered and appropriate care is taken for the maintenance.
- Use of plastic is banned in the campus. The university also has been declared plastic free zone. Avoid using plastics in and off the campus. Use of plastic bags are banned on University campus.
- Appropriate training is provided for both students and staff members for sanitization of on and off-campus.
- Hazardous waste is identified and disposed of appropriately.
- Environmental club, YRC and NSS of the college to undertake all possible activities relating to the environmental consciousness among students and staff.
- Regular plantation of trees in around the locality to protect from carbon emission.
- Maximus use of day light
- Electricity consumption is reduced using LED tube lights in campus.
- Solar water heaters are used in the hostels.
- Waste management is based on “Reduce, Recycle and Reuse”.

- “A Tree for a birth star” drive depicts the eco-friendliness attitude.
- Plants are given as a gift to the retiring faculty and outgoing students is a best practice followed by the students.
- The university welcomes the guest in any organized function with a sapling of tulsi.
- The university has deployed garbage collecting pots/bins where “Sookha and Gila” waste collection are marked.

Initiatives to be implemented

Rational Water Usage

- To make efficient and environmentally responsible use of water, including identifying opportunities for water reuse.
- Water leaks, dripping faucets and fixtures that do not shut off should be reported.
- Rain-water harvesting in each building be implemented.
- Install water saving devices in toilets and taps Reusing old water bottles.
- Reuse old water bottles or purchase water bottles that one can refill instead of discarding a new bottle after single use.

Minimize use of Paper

- Maximize use of paperless technology i.e. sharing of data
- Sharing lecture notes on e-mail and WhatsApp group etc.
- Take Notes Electronically
- Introduce double-sided printing to reduce paper waste

Waste Reduction and Recycling

- To set and achieve targets for reducing resource use.
- To increase the rate of recycling of all appropriate materials, based on life-cycle principles.
- To implement sustainable resource management practices, based on reduce, reuse and recycle principles.
- When economically feasible, recycling shall be expanded to include (or enhance existing programs) regarding such things as green waste (for composting), construction waste, and used office waste such as computers.
- College campuses are expected to have broken and outdated electronics hence collection bins for collecting e-waste on campus will be put up at convenient place.

Energy Saving

- Most lighting on campus to be upgraded to high efficiency lighting (LED technology, etc.) with electronic ballasts.
- Increased use of day lighting should be considered because use of daylight spaces decreases energy costs and may improve productivity.
- Lighting, wherever practical, should be controlled by campus-wide energy management system (sensors).
- Occupancy times, unoccupied period set-backs, and environmental parameters, as well as campus-related (and athletic) activities will be coordinated to ensure that the best possible use (or conservation) of resources is taking place.
- Install solar panels on the University building rooftop.
- Reduce the brightness of computer screens.
- Turn PCs off or into stand-by mode when idle.
- Discourage unnecessary use of printing for draft purpose

Sustainable Purchasing

- Energy efficient products shall be purchased whenever possible.
- Recyclable and reusable eco-friendly products should also be purchased when feasible to reduce disposal costs.

Awareness and Training

- To communicate internally and externally the University's environmental objectives and performance.
- To raise awareness among the staff and students on environmental impact, activities and good practice.
- To provide appropriate environmental educational programmes for staff and students.
- To encourage and facilitate feedback and suggestions regularly on ensuring good practice.
- Pledge/oath for green environment to new admitted