

GREEN AND ECOFRIENDLY CAMPUS WICH FOCUS ON ENERGY EFFICIECY BY PRESERVING NATURAL RESOURCES FOR HEALTHY LIVING AND GOOD LEARNING ENVIRONMENT

Students and faculty at Rajiv Gandhi Institute of Management and Science (RGIMS) know the college's long history with nature. Green activities and education on our "Clean and Green" campus promote sustainable and eco-friendly actions on and off campus. The school may lead the way in redefining its environmental culture by teaching students and staff environmental ethics on a green campus. The College encourages a "Clean and Green" campus by implementing eco-friendly practises for students and staff, fostering eco-consciousness in the community.

Scope of the Policy

Green Campus, Energy, and Environment Policies will create exciting new co-curricular and extracurricular practises that empower students to make good change. These programmes require a complete energy, sustainability, and environmental examination of all infrastructural and administrative processes. This policy emphasises:

- Campus Cleanup
- landscaping projects
- Initiatives to Clean Air
- Initiatives in Infrastructure
- Equipment Installation for Energy Efficiency
- Rainwater harvesting conserves water.
- Management of waste
- Management of Solid Waste
- Manage Liquid Waste
- Awareness of E-Waste Management

Objectives of the Policy

- To increase resource efficiency, including energy and water, and reduce waste production, recovering and recycling waste.
- To eliminate campus plastic.
- Periodic environmental and energy audits.
- To reduce paper use in administration by following E-governance policy.
- Campus natural systems and resources should be protected.
- To use environmental resources wisely for current and future generations.
- To include environmental considerations into social development and outreach policies, strategies, and programmes.
- To educate stakeholders and the local community about environmental good practises and reduce environmental harm.
- To enhance our climate protection, adaptability, and resource conservation efforts.

ENVIRONMENTAL POLICY OF THE COLLEGE

The Institution is committed to manage its campus in accordance with responsibilities towards promoting sustainable environment.

1. Clean Campus Initiatives

1. In keeping with Swachh Bharat Abhiyan, Rajiv Gandhi Institute of Management and Science (RGIMS) vowed to organise cleanliness operations on and off campus. A broad vision is:

2. Regular cleanliness initiatives and rallies on 'Swachh Bharat Abhiyan' themes in and around the college campus raise student and staff awareness of cleanliness and hygiene. Motivating proactive contributions is the goal.
3. All college NSS volunteers' community work would include 'Swachh Bharat Abhiyan' activities.
4. College staff and students will be urged to participate in the cleanliness initiative.
5. Events will include 'Swachh Bharat' poster and slogan competitions, essay writing, spoken word poetry, speeches, and skits.
6. Mass awareness rallies will occur.
7. Remove broken furniture, equipment, and other debris.
8. Students and staff pledge to clean the college campus and neighbouring regions annually.
9. Workshops on trash reduction, reuse, and recycling.
10. Manage garbage and keep campus clean, especially during college events.

2. Landscaping Initiatives

The campus environment and structures reflect a college's values. It is essential to campus life, giving room for study, play, outdoor events, relaxation, and aesthetics. Green campus landscapes regulate runoff, recharge groundwater, and cool and clean campus air. The landscape symbolises campus sustainability. Campus landscaping initiatives raise environmental awareness since they are visible and accessible. The tree and plant landscaping gives students and workers clean, cool air to relax.

3. Clean Air Initiatives

Instead of driving, we encourage students and staff to take public/college transportation to reduce air pollution and improve social interaction. Restricting campus car access discourages private car use. The handbooks of students state that they must keep the campus tidy. An assigned gardener and full-time supporting personnel maintain a litter-free "Clean and Green" Campus.

The college prohibits smoking and tobacco use under the National Tobacco Control Programme (NTCP) 2007-2008. As part of this, the "Smoking free Campus" bans smoking and tobacco usage.

4. Infrastructural Initiatives

Energy conservation: The college campus periodically replaces all CRT monitors with LCD monitors in department laboratories, retrofits standard fluorescent lamps and CFL lamps with LED lighting, introduces automatic street lighting control to reduce energy waste due to manual errors, and upgrades window air conditioners to split air conditioners and BEE-certified air conditioners.

The college and campus were energy audited. Buildings are designed to maximise natural resources like wind and sunshine to reduce electricity use. Classrooms and labs get maximum sunshine from transparent glass windows. We use centralised UPS for computers. Generators are removed from classrooms to reduce noise.

1. Use of LED bulbs

To save energy, the college uses the most LED bulbs and tubes for campus lighting. This is evident in all recent renovations. LED lamps illuminate the college campus. It cuts energy and maintenance costs. A well-designed ultra-modern LED lighting system can enhance campus safety and profitability. Saving energy and becoming green are other benefits besides money.

2. Sensor Based conservation

Water tank waste flow is controlled by the water level sensor. We can monitor water ON/OFF flow with a water level sensor. Our institution controls tank water flow with water level sensors. Sensors regulate the two 3-phase pumps. We turn off the motor when water flow peaks. A sensor turns on the motor when we get lower-level water in the tank. The 12 Tanks automatically control in series.

Energy Saving and Energy Efficient Equipment

1. The following tips save electricity.
2. Configure computer and monitor power management to go into a low-power “sleep” mode when not in use.
3. Turn off monitor when not in use.
4. Activate laser printer power management.
5. When possible, shut down instead of logging off.
6. Turn off needless lights and use daylight.
7. Do not utilise ornamental lighting.
8. Install eco-friendly electrical appliances to save energy and reduce trash.
9. Keep conference rooms, classrooms, and lecture halls dark when not in use.
10. Use fans only as needed.
11. College LED Lamps: Principal's Office, Office of IQAC, Administrative Office, Library, Guest Rooms, Indoor Stadium, Ladies Common Room, Language Lab, Computer Labs, and all classrooms use LED bulbs to save energy.

Water Conservation through Rainwater Harvesting System

Rajiv Gandhi Institute of Management and Science (RGIMS) is capturing rainwater to replenish the groundwater table. Groundwater is recharged by this practise.

5. Waste Management Processes

Rajiv Gandhi Institute of Management and Science (RGIMS) reduces and manages campus garbage to minimise environmental effect. To ensure environmental protection, the following steps will be implemented.

Solid Waste Management

The college works hard to reduce campus garbage. All departments and classrooms have dry waste bins. To provide comprehensive education that benefits the environment, the institution will reduce solid waste generation and manage it using the following methods:

- Methodically practise the 3Rs of environmental friendliness (Reduce, Reuse and Recycle).
- Collect campus paper waste and recycle with scrap vendors.
- Decrease paper use by digitising attendance and internal assessment records.
- It is recommended that students and professors employ modern teaching methods for assignment and class note submissions.
- Encourage pupils to learn about food waste and how to reduce it.
- Using less packaged food.
- Non-biodegradable product reuse and recycling.
- Holding solid waste management workshops for students.

Liquid Waste Management

Conserving water means conserving their future, students learn. For effective liquid waste management, follow these steps.

- In-house plumbers address leaks and water waste quickly.
- Keep water fixtures leak-proof.
- Building more Indian toilets instead of western ones reduces water use.

- Continued employment of a caretaker to immediately halt tap, pipe, tank, toilet flush, etc. water leaks.
- Reusing RO wastewater in gardening.

E-Waste Management

With the rise of electronics comes the issue of disposal. The College is trying to manage e-waste on campus efficiently and affordably. As students, instructors, and administrators update to newer devices, e-waste has grown faster than regular wear and tear. This spike has compelled college administrators to carefully investigate and resolve campus-wide ecologically acceptable product disposal.

The college uses the most environmentally friendly and scientific e-waste disposal methods: AMC monitors CPU and monitor performance and follows expert recommendations for market disposal. Electronic garbage like CPUs, hard drives, and lab equipment is periodically sold. Department-discarded computers, printers, and other equipment are sold as scrap. Outside the college, printer cartridges are refilled. Suppliers recharge and repair UPS batteries.

6. Paperless Operating Procedure

Paperless offices are the goal of Rajiv Gandhi Institute of Management and Science (RGIMS). Digitization [E-GOVERNANCE] converts paper documents into digital form. We believe "going paperless" may save money, enhance productivity, save space, simplify documentation and information sharing, secure personal data, and benefit the environment. Wherever automation and digitization can reduce paper use? Digital document storage is one. Large amounts of institutional data are digital. Staff and students communicate more via intranet than on paper. Whatsapp for class, department, and committee groups facilitates E-communication, and PA systems minimise paper notices and circulars.

The college has also implemented a "Learning Management System" to store and share references, notes, syllabus question banks, and study materials online, reducing paper use. Teachers have used e-assignments and other skill-based examinations like quizzes, MCQs, presentations, and group discussions instead of paper-based testing.

7. Awareness Initiatives

Outreach and education are crucial so that all campus members know the policy's goals and help implement it. Rajiv Gandhi Institute of Management and Science (RGIMS) promotes awareness campaigns, seminars, workshops, and other interactive sessions to implement Green Campus, Energy, and Environment policies.

8. Implementation of Green Audit, Energy Audit and Environment Audit

The college plans to regularly perform a Green Audit of our campus to analyse our strengths and weaknesses for long-term sustainability. Green audits show where most energy, water, and resources are consumed. The college can then make improvements and save money. It detects waste kind and volume. Recycling or waste reduction can be done. Health awareness and environmental ethics will result. It clarifies the effects of campus greening. Green auditing reduces resource use and saves money.

The College undertakes an annual Green Audit to identify, measure, explain, and prioritise an environmental sustainability framework in conformity with rules, policies, and standards. Clean and green campus is maintained by a gardener and full-time crew.

An Energy Audit as needed to lessen its carbon footprint. Reducing energy use is crucial. Energy audits use sophisticated instruments to find energy waste. Such an evaluation often

exposes multiple problems that waste significant energy that the college will not detect. These issues can be fixed easily and cheaply, saving money.

Plastic-Free Campus

Since its founding, Rajiv Gandhi Institute of Management and Science (RGIMS) has managed solid waste. The college management prohibits single-use plastics to create a "Plastic Free Campus" in accordance with the Indian government's ban on plastics due to their harmful effects and pollution. Following the MHRD and UGC instructions on 2 October 2019 for educational institutions nationwide, our college notified students and stakeholders of a campus plastics ban.

Educate students on the dangers of single-use plastics and require them to stay away from plastic bags, cups, plates, small water bottles, straws, and sachets. To eliminate plastics on campus, all water units use stainless steel, washable, and reusable tumblers, and the canteen serves only paper plates and cups. It also urges children to educate their families about plastics' detrimental impacts and go plastic-free. We apply these tactics into institutional planning and budgeting to create a clean, green campus.