behaviour of the students. It has adopted the policy of restricted entry of automobiles within the campus. Students are not allowed to use only 2 wheelers not to use 4 wheelers. Besides that the students from nearby areas are strictly instructed to use only Bicycles instead of motor cycles or Scotties.

7. Promote Environmental Awareness

7.1 Awareness and Tree Plantation Programme : The College has been regularly conducting awareness programmes for the College family and the society for maintaining and protecting environment. It has been arranging rallies on various occasions/issues in relation to health and environment. Besides, the college undertakes tree plantation programmes through National Service Scheme (NSS), National Cadet Corps (NCC) of the College and unites every year on various occasions like Environment Day, Teachers' Day etc.

7.2 Stakeholders are sensitized through lectures, displaying slogans on boards.

Display boards for noise control, tobacco free campus, water conservation etc. are placed for all the stakeholders.

7.3 Placing Dry and Wet dustbins in different locations of the college and then taken away for proper disposal.

7.4 Students are encouraged not to use plastic/ plastic materials. Hence, if it is found, thrown into the pit allotted for such wastes.

7.5 Flex used for publicity or as banner are mused or disposed of Property.

8. Conduct Environmental Audits

8.1 Green Audit:

The college conducts Green Audit to maintain environmental sustainability in compliance with the applicable standards.

9. Noise Pollution Management

9.1 Pressure horns are not allowed in the College campus so no one of the staff and students use pressure horns to keep the College noise free. Besides that various boards have been placed in the library and other places in order to maintain silence in the college.

9.2 Air pollution management:

Environment awareness programmes and rallies are conducted in the college for protecting and maintaining healthy environment

Plantation of oxygen rich plants A good number of medicinal plants like Neem, Tulsi etc are planted in the beautiful green campus of the college.

Tobacco and tobacco products are strictly prohibited in the college campus. The boards are displayed at various places in the college to make the students aware about these restrictions.

10 Paperless operating system:

Furkating College is striving towards paperless office therefore the use of paper is greatly reduced by converting documents into digital form. In addition to this technology is used to communicate among staff and the students instead of paper communication.

Whats app class wise groups, department wise groups, and mentoring groups facilitate E-communication and reduce usage of paper in notices and circulars. Students have been given e-assignments by the teachers.

11 Landscaping with trees

Furkating College organizes tree plantation programme every year at the college campus as well as outside the campus. Students and staff enthusiastically participate in those tree plantation drives for an eco- friendly environment. The institution celebrates The World Environment Day on 5th June every year by conducting rallies and talks by eminent person to make the students aware about environment related activities. Such programmes promotes eco-friendly environment by increasing oxygen levels in the campus.

Policies on circulars for implementation of green initiative:

As an institution of higher education the college takes initiatives in making its campus eco-friendly by enhancing environmental culture for solving the problem that are local, national and global in nature. Without the strong commitment and involvement from all the stakeholders (administration, the students, faculty and administrative staff) the goal of achieving eco-friendly environment is not possible. The spirit of team work is must in this regard. So far as managing the sustainable environment is concerned the administration of Furkating College has some strategies to conduct the environmental activities in the college.

The principal issues notices for conducting environmental promotional activity such as World Environment Day, World Water Day etc. so that everyone is bound to perform the activity.

Students, faculty members and administrative staff are informed to take part in the annual tree plantation drive organized on the occasion of World Environment Day and Teachers' Day.

Fresh students are making aware about the environmental promotional activities in the Orientation Programme by the principal, faculty members and also by inviting eminent personalities of the concerned field.

Prepared by:
INTERNAL QUALITY ASSURANCE CELL(IQAC)
FURKATING COLLEGE (AUTONOMOUS)

THE GREEN CAMPUS, ENERGY & ENVIRONMENT POLICY



FURKATING COLLEGE
GOLAGHAT, ASSAM-785621
ACREDITED BY NAAC WITH A+GRADE 4TH CYCLE0
AFFILIATED TO DIBRUGARH UNIVERSITY

Environmental policy of the college

Furkating College(Autonomous) in the Golaghat district of Assam Furkating College (Autonomous) is committed to maintaining a clean, green, healthy and environmentally responsible campus. The College's environmental initiatives include green-campus practices, rainwater harvesting, energy and green audits, waste management, water conservation, plastic reduction and environmental awareness. The College has also been recognized as a **District Green Champion** and identifies itself as having a Green Campus.

The College shall:

1. Promote a Green Campus
2. Conserve Water
3. Conserve Energy
4. Waste Management
5. Reduce Plastic Use
6. Promote Sustainable Transportation
7. Promote Environmental Awareness
8. Conduct Environmental Audits
9. Noise and Air Pollution Management
10. Paperless Operating System
11. Landscaping with Trees

The College shall continuously strive to reduce its environmental impact and promote responsible resource use for the benefit of present and future generations.

Vision : The vision of Nature Club is to create awareness among the students as well as the public about various problems related to environment and also educate them create an eco-friendly environment.

Mission

- To make the students aware about the degradation of environment
- To motivate other organizations and local society for dean environment, plantation and development of green environment
- To encourage students to keep environment clean.
- To educate students to create awareness among the neighbours.

1. Promote a green campus:

1.1 Nature Club: The Nature Club of Furkating College (Autonomous) promotes environmental awareness and sustainable practices among students and staff. It serves as a platform for active participation in the protection and improvement of the campus environment.

2. Conserve Water

2.1 Water Conservation Policy : The institutional policy focuses on three key areas: Rainwater Harvesting, Responsible Water Use, and Wastewater Recycling.

- Rooftop Rainwater Harvesting: The college operates a fully functional Rainwater Harvesting Unit project.
- Dedicated Water Storage & Distribution: To ensure structured distribution and prevent any pressure-based leakages, the campus maintains four specialized water reservoirs and overhead tanks.
- Surface Water Preservation: The college campus features two large, beautifully developed ponds (fisheries).
- Self-Designed Wastewater Recycling: The institution utilizes a self-designed wastewater recycling mechanism. Wastewater the canteen and RO iare safely stored and redirected to irrigate the college gardens and lawns.
- Sensitization & Awareness Protocols: The college policy enforces strict behavioral rules. The student body and staff are systematically educated by the Nature Club and NSS to ensure the proper use of drinking water without any wastage. Commemorative observations like World Water Day are hosted annually to keep water literacy high.
- Periodic Testing & Audits: Plumbing lines are systematically inspected, and water metrics are officially verified under the institutional Green and Environment Audit to guarantee maximum efficiency

2.3 Maintenance of Water Bodies :

Testing of water ensures clean & safe drinking water for all. Keeping this in mind the water quality of Furkating College is duly tested by CSIR-North East Institute of Science & Technology, Jorhat. From the water tested report it is observed that all chemicals in the than as per IS: 10500(2012) value. So the water of the college can be considered as potable water. As the institution very well aware about value of every drop of water so it tries to save the rain water for future use. It has installed rainwater harvesting unit to store rainwater for reuse.

3. Energy conservation measures:

3.1Policy Document on Energy Usage : It is the Energy Usage Policy of Furkating College that tries to manage the energy in a systematic way to minimize its impact upon the environment. This policy is binding for all the stakeholders as well as various activities undertaken by the institution. Every member of the college community sincerely believe that it will help us to realise our responsibilities towards environment and also our commitment for conservation of natural resources by its limited usage. Nature Club & NSS are two institutional
platforms devoted to undertake green initiatives both within and outside the campus for the cause of environmental awareness.

Policies:

- To assess our energy usage and its impact on environment.
- To reduce air pollution emission by using environment-friendly vehicles such as bicycles, Rickshaws (Battery Operated Auto Electric Rickshaws).
- To encourage the college community for using pedestrian-friendly roads to minimize energy consumption.
- To use LED bulbs in the whole campus for reduce energy usage.
- To install biogas plant so that energy consumption can be reduced.

This Policy of Energy Usage will be communicated to all the stakeholders through internal communication as well as uploading on the institutional website. This policy will be regularly reviewed by the Nature Club under the guidance of the Principal of the college.

3.2. Use of LED bulbs: In order to save and conserve energy LED bulbs have been used in the entire classrooms, Principal's office, Office of IQAC, Administrative Office, Indoor stadium, Computer Lab, and Departmental Rooms in the College.

3.3 Conducting Energy Audit: Energy audit has been conducted in the college to identify the extent of energy consumption and to take measures for energy conservation.

4.Waste Management : The wastes generated in the college campus are disposed in the following ways:

4.1Solid waste Management

- Biogas plant of the college utilizes the organic waste produced in the campus

4.2 Liquid waste Management

- Waste water generated from the sanitary blocks, basins etc is disposed of through proper drainage system.
- Toilets are property connected to the drainage system which gets, nil of waste through drain to separate underground tanks which we regularly cleared and maintained.
- Wastewater from canteen is reserved in a tank for use III gardening, watering trees etc
- Wastewater from RO plant is used for gardening

The waste water generated from the laboratory of H.S. Classes is very small in quantity. Hence they are managed through drainage system by diluting the used chemicals with non reusable wastewater.

4.3 E-Waste Management: The electronic wastes like obsolete computer, Laptops, monitors, compact discs, printers, scanners, calculators etc. are repaired and reused and those irreparable are sold out. The college tries to reduce the volume of e-waste by upgrading the software at the right time & period checking of electronic items. The college has installed solar street light in the campus to reduce waste from bulbs, tubes etc.

5. Soil Pollution Management Plastic free campus:

The College has been trying to make it a plastic free campus by creating awareness regarding the same among the students and staff members by displaying boards and other programmes. Another practice of the college is that the canteen uses reusable utensils which helped in keeping the campus plastic free.

6. Promote Sustainable Transportation

6.1Restricted use of Automobiles : As the institution is committed to maintain eco-friendly environment in the campus, it is currently taking an initiative to change the driving