

GREEN /PLASTIC FREE CAMPUS POLICY



IQAC, Majuli College

Kamalabari-785106, Majuli Assam

About the College

Majuli College is situated in Majuli island of Assam, India. The largest and most populous river island in the world which is situated the river Brahmaputra was declared as a district in 2016. The island is connected to its nearby city Jorhat through ferry services. The island is known as a cultural hub of Assam. In the recent years there has been phenomenal spurt in the communication and transportation system of this island and its tourism sector also has got a boost. The total land area of the college is 3.91 hector.

Majuli College is one among the leading higher education institutions in the island district. Established on September 17, 1962 with a sacred mission of illuminating the river-island with the beacon of education, Majuli College is the premier institution of higher education situated at Kamalabari in Majuli, the only island district of Assam. Affiliated to Dibrugarh University, Majuli College has been imparting education at the Under Graduate level in both Arts and Science streams. While the Arts stream has been functioning since inception, the Science stream was started in the year 1978 and it came under Deficit Grants in Aid system in 1986. Presently, the college has 10 (ten) departments in Arts stream and 5 (five) departments in Science stream. Offering both Higher Secondary and Degree courses to about 1400 students per year, Majuli College is the first college in the island which has both Arts and Science streams. The college offers P.G. courses in Distance Learning Mode under Dibrugarh University and U.G. and P.G. courses in various subjects under Krishna Kanta Handiqui State Open University. Other than these, the college offers vocational as well as add-on courses for the benefit of the students in Tourism, Journalism, Computer Applications, Performing art and Mask Making, Weaving, Web design and so on.

Scope of the Green Campus Policy

The Green Campus, Energy and Environment Policies will develop exciting new co-curricular and extracurricular practices that encourage students to take the lead in creating positive change. The Green Campus Policy of the college envisions a Clean and Green Campus where environmental friendly practices and education combine to promote sustainable and eco-friendly practices in the campus and beyond the campus. It also offers the institution an opportunity to take the lead in redefining its environmental culture through instilling environmental ethics among the students and staff. The focus areas of this policy are:

- Clean Campus Initiatives
- Landscaping Initiatives
- Clean Air Initiatives
 - ✚ Smoking Free Campus
- Infrastructure
 - ✚ Installation of Energy Efficiency Equipment
 - ✚ Water Conservation through Rainwater Harvesting System
- Waste Management processes
 - ✚ Solid Waste Management
 - ✚ Liquid Waste Management
 - ✚ E-Waste Management
 - ✚ Hazardous chemical management
 - ✚ Awareness Initiatives
 - ✚ Green Audit
 - ✚ Ban on single use plastic
 - ✚ Display Boards to Promote Environmental Sensibility on College Campus
 - ✚ Cleanliness drive

Clean Campus Initiatives

Majuli College coordinate cleanliness activities in the college and beyond the campus in accordance with the vision of Swachh Bharat Abhiyan. The broad vision is as follows:

- ✓ Generating mass awareness on cleanliness and hygiene amongst students and staff members by holding regular cleanliness drives. The idea is to motivate them to contribute in a proactive manner.
- ✓ Activities under 'Swachh Bharat Abhiyan' will be a key component of all the community work being done by NSS and NCC volunteers of the college.
- ✓ Staff Members will be encouraged to participate in the cleanliness drive in the college campus.
- ✓ Events such as poster and slogan competitions, essay writing, spoken word poetry, speeches, on 'Swachh Bharat' will be organised.
- ✓ Rallies on themes connected with 'Swachh Bharat Abhiyan' in and around the college campus will be conducted to create mass awareness.
- ✓ Remove all kinds of waste material like broken furniture, unusable equipment etc. 8. Administer of the pledge by students and staff members to maintain cleanliness of the college campus and its surrounding areas on an annual basis.

- ✓ Conduct workshops on the 3Rs: Reduce, reusing and recycling of waste.
- ✓ Commit to manage waste and maintain clean campus especially during college events.

Landscaping with Trees and Plants

As per the Clean and Green Policy of Majuli College strives to plant various types of ornamental and medicinal variety, fruit plant species of trees in large numbers within and outside the campus. Gardeners and full time adequate support staff have been appointed for the maintenance of gardens and keeping the campus litter-free, clean and Green Campus. The College Garden, Medico-Botanical Park and the Vermicompost Unit are looked after and maintained by the Department of Botany. The tree-plantation drives are undertaken by the NSS and NCC Units of the college and also by the Departments of Botany, Zoology and the Environment Science on regular basis. There are more than 150 trees and more than 500 shrubs on campus along with a acre of grass cover. The landscape of trees and plants provide the students and staff with clean and cool air and is a soothing environment.

Clean Air Initiatives

We encourage our students and staff to use public transportation, an activity that will control air pollution and strengthen social interaction. The entry of automobiles inside the campus is restricted to discourage the use of private vehicles. The abundant natural landscape not only cleans the air on campus but also becomes an extension of the green lungs of the area.

Smoking Free Campus

In compliance with the framework provided by the National Tobacco Control Programme (NTCP) 2007-2008, Majuli College prohibits smoking and the use of other tobacco products. As a step in this direction, smoking and use of tobacco in and around the campus is strictly prohibited. The Tobacco Control Cell of the college ensures enforcement of the anti smoking policy.

Infrastructure-

Street Lights Controller/ Installation of Energy Efficiency Equipment

To minimize the use of electricity consumption and make the maximum utilization of the available resources, the college has installed Solar Photovoltaic Devices fully automatic

ON/OFF switching of street lights. 2 Sensor-based LED Solar Power Street Lights are installed from the entrance to the college Use of LED bulbs/ Power-Efficient Equipments More than 100% electric lights of the college are LED enabled. The other equipments are also purchased taking into account their power-efficiency.

Rainwater Harvesting

The college ensures rain-water conservation through rainwater harvesting. The rain water from the roof top outlets is carried through the well connected pipelines and collected in the large water harvesting tank (5000 liter capacity). Rain water collected in the tank is used for cleaning purposes and supplied to the plants in the Medicinal plant Garden of the college.

Waste management Process

Solid Waste Management

Solid wastes are of three forms- Biodegradable, non-biodegradable, and hazardous waste. Food trash, canteen garbage, and toilet waste are all examples of biodegradable waste. Plastic, tins, and glass bottles are all examples of non-biodegradable garbage. Hazardous trash includes cleaning chemicals, acids, and laboratory chemicals. Waste generated in the college campus managed by the following ways-

- To reduce waste at the college campus students and staff are educated on proper waste management practices through lectures, displaying slogan board in the college campus.
- Each building has multiple dustbins from which cleaning personnel collects wastes.
- Biodegradable wastes are used to prepare vermicompost. All possible dry leaves/branches/grass etc. are used for vermicompost preparation. Vermicompost Unit is established near the girls' hostel of Majuli College. The organic waste material is collected from the college campus by the NSS volunteers and NCC cadres and deposit it in the special vermicompost tank. Using cow dung, Earthworms the soil mixture is made with appropriate proportions. Then mixture is installed in the tank and watered properly for 4-8 weeks.
- This (vermicompost) fertilizer is utilised in the college's flower and medicinal plant garden.

- Majuli College strongly opposes the use of single use plastic to minimize plastic waste.
- To minimize non-biodegradable waste plastic cup, plates etc are replaced by paper made items.
- The college installed sanitary pad dispenser and vending machine at girls common room.
- In canteen, dry and wet waste is separated and disposed of properly. The non-biodegradable wastage from all dustbins are collected and disposed of at dumping ground of village council.
- Waste papers, stationery, metal and other scraps are given to scrap collectors for recycling.

Liquid Waste Management

Hostel sewage, laboratory effluent waste, and canteen effluent waste are the most common liquid wastes created on campus. Liquid waste managed through the following way-

- Liquid waste generated from the college campus are dispose through proper drainage system to avoid stagnation.
- Toilets are properly connected with the main drainage system.
- Wastewater generated from canteen, boys and girls hostel are dispose properly.
- Drinking water facility is available in the campus. Students are motivated towards judicious usage of water. Student and staff are required to turn the water taps off immediately after use.
- Waste water is properly drained out to maintain greenery and an ecologically aesthetic environment in the campus.

E-Waste Management

Electronic waste also known as e-waste, are electronic products that have over lived their usefulness and are due for disposal. Printers, lab instruments, charging and network cables circuits, desktops, laptops and accessories, Wi-Fi devices, cartridges, sound systems, display units, UPS, Biometric Machine, scientific instruments, and so on are all examples of e-waste. All of these wastes are put to the best possible use. With the increased use of e-mail, cloud storage and USB drives, the use of CDs and DVDs has become almost negligible.

Useful parts of electronic gadgets are reused. The e-waste is reused whenever possible by repairing them. All of the equipment that cannot be reused or repurposed is disposed of by approved suppliers.

Hazardous Chemical Management

Hazardous chemicals like HCl, H₂SO₄ and HNO₃ used in the labs are diluted before pouring into sink.

Ban on Single-Use Plastic


In view of the Government of India's resolution to ban all single use plastics due to the hazardous impact of plastic use and pollution, the college administration strictly bans the use of single use plastics in classrooms, laboratories, canteen, hostel, and in the other premises to make it a 'Plastic Free Campus'. The college facilitates environment friendly substitutes like stainless steel, washable and reusable tumblers at all water units and mandates the canteen to serve only in stainless steel or paper plates/glasses/cups to systematically ban the use of plastics on the campus

Display Boards to Promote Environmental Sensibility on College Campus


Various boards including Quotes that promote environmental awareness and ethics including air-pollution control, plastic-free campus, conservation of energy, recycling of resources, tree plantation, Nature conservation, etc. are displayed for all the stakeholders of the college.

Cleanliness drive

Activities under 'Swachh Bharat Abhiyan' will be a key component of all the community work being done by NSS and NCC volunteers of the college. Staff Members will be encouraged to participate in the cleanliness drive in the college campus.



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