



OFFICE OF THE PRINCIPAL  
**SIPAJHAR COLLEGE**

Phone : (03713) 291124  
70860 13660

P.O. - Sipajhar, Dist. - Darrang (Assam) :: Pin-784 145  
E-mail : sipajharcollege2010@rediffmail.com

Memo No. ....

Date .....

### POLICY ON GREEN CAMPUS

#### ABOUT THE COLLEGE

Since its founding in 1971, Sipajhar College has advanced considerably. The community's kind-hearted residents stepped up to provide their agricultural property in order to overcome the obstacle of not having enough government land to build a college. Sipajhar College celebrated its Silver Jubilee in 1997 and has significantly contributed to the region's general progress in academics, culture, and sports. The college began with only Pre-University programmes in 1971 and started Degree Classes in 1980.

The College has also been providing outstanding service in the area of women's education, which lagged behind when it was founded. The college, has been recognised under UGC Sections 2(f) and 12B since 1996. The Assam College Provincialization Act, passed by the Assam government in December 2005, "provincialized" the college.

#### ABOUT GREEN CAMPUS

A "green campus" is a location where sustainable lifestyles and environmental awareness are encouraged via education and practice. By establishing sustainable solutions to the environmental, social, and economic requirements of humanity, the green campus concept gives an institution the chance to take the lead in reinventing its environmental culture and generating new paradigms.

#### OBJECTIVES

To maintain an environmentally friendly green campus, the College is committed to operating with environmental responsibility in the management of energy, water, forests, and other natural resources. The institution requires the proper management of daily waste generated on the campus to lessen its negative impacts on the environment. With the use of campaigns and certain eco-restoration initiatives, all Sipajhar college fraternity mostly young minds will be motivated by the wide applicability of green concepts and sustainability. The college shall work to make its facility self-sufficient in terms of power, water, and sanitation with the least power



  
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consumption and carbon generation which is free from plastic and tobacco, and other bad practices. The policy is prepared with the following main objectives-

1. To create an ambient green environment filled with sufficient numbers of trees of different species with many ecological and aesthetic values and hence to grow a carbon, tobacco, and plastic free institute.
2. To maintain and handle all water bodies and water resources and ensure their proper use.
3. Adopting proper scientific procedure and follow-up action in waste management
4. To minimize power consumption inside the campus and use alternative energy sources wherever necessary and possible.
5. To identify issues that are lacking or missing and need to resolve through internal or external experts.
6. To motivate and ensure the participation of all college individuals in such green practices.

## **POLICIES TO ACHIEVE A CLEAN, GREEN, AND HEALTHY CAMPUS**

### **Plantation as per the land use map of the college**

The college has documented all the plant species available alongwith their scientific names. The flora of the college campus has enormous ecological and aesthetic importance towards eco-restoration. Well-planned new plantations of various types will be made according to the need and in the empty spaces available on the campus. People will be made more interested in plantation and action to be taken to protect them by undertaking awareness and plantation events on special days of significance such as World Environment Day, Earth Day, etc. Such events will be extended to nearby localities and the adopted village and college will ensure the participation of a maximum number of students in all those. The college will initiate a new flower garden for the beautification of the college, a vegetable garden, greenhouse, mushroom culture, vermicomposting unit, etc. to develop a close loop, self-sustained environment. Water supply to all plants will be made more accessible by improving the water supply provisions, and by installing rainwater harvesting units at different locations of the college. To raise awareness on environmental issues, such as climate change impact, among students and staff. To track and lessen environmental carbon footprints and emissions will be the prime focus.

### **Water conservation**

The college will mostly focus on the proper functioning of the college drainage system and will upgrade them wherever necessary. To confirm no blockage of the drainage system so that natural water run is not hampered, the campus will be made plastic-free, and proper scientific procedures will be followed for waste management. All water usage and maintenance will be monitored and regulated by a water monitoring committee. Rainwater harvesting, and using recycled water for plants, trees, etc. will be encouraged. Post water management guidelines and notifications in visible and pertinent places across the campus will be displayed. Along with the



  
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usage of bore well drilling water, further options for using tube wells, pond water, and rainwater collection will be made available.

### **Energy conservation and steps to reduce carbon footprint**

The college will take initiatives to use energy-efficient devices such as LED bulbs and tubes. Fans, computers and all other equipments will be of low power consumption. Clear displays on turn-off devices when not in use will be placed in all strategic points. A monitoring committee will make routine checks and will create awareness among all individuals. To reduce fossil fuel consumption used for power backup, the college will install solar energy plants and sensor-based lights in different places. Alternatively, power consumption will be reduced by the use of water from water bodies, harvested rainwater, tube well, etc. instead of boring water. All individuals will be motivated to use public transport and the use of bicycles will be encouraged.

### **Plastic/Tobacco/carbonminimized environment**

The college campus will be made 100 percent tobacco and plastic free. The use of plastic items inside the college is already restricted. Use of metal or glass utensils in the hostel and canteen will be made a compulsory practice. Increasing consciousness among all will be made more effective through activities of NSS, green committees, etc. Code of conduct will be imposed and monitored strictly for limiting the use of plastic and tobacco. Installation vermicomposting unit will ensure the use of dry leaves instead of burning them. All individuals will be encouraged to use bicycles and reduce the use of vehicles inside the campus. Installation of solar panels will reduce the use of fossil fuel-run power backup.

### **Waste management**

College follows the principle of '5 Rs' i.e. Refuse, Reduce, Reuse, Repurpose, and Rot. The college will adopt more scientific procedures for the segregation and management of different waste and their treatment and disposal. Chemical, Hazardous, E-waste, etc. will be segregated at the origin and separate containers will be used for storing. The authority will prefer to form a collaboration with suppliers or other organizations for the proper treatment of chemical waste. Among others, waste will be classified and separated as biodegradable, non-biodegradable, paper, etc. Dustbins of designated colors will be placed in proper places at different corners of the college for the collection of such waste. Vending machine, incinerator, etc. will be installed in the girl's hostel, common room, etc., to maintain good health and hygiene. Display on waste management instructions/alerts in conspicuous/relevant areas on the campus, and promote a paperless work environment.

### **Green practices of students- greenhouse/mushroom/vermicomposting/green diary**

- Installation of a vermicomposting unit, mushroom culture, etc. will be a good option for the treatment of food waste. Participation of students in such activities will accelerate green practices drastically.
- Supporting environmental-related projects and experiments in the curriculum as part of the educational system will be a routine practice.



  
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➤ To promote the idea of the green brigade to increase student participation. To assess the policy's continued relevance and to track compliance, we intend to continue a program of continuous improvement in our policies and procedures.

#### **Green campus committee**

For proper functioning of all those activities to make a clean green and healthy environment inside the college campus, decentralized duty and responsibility of activities are most important. For that college will form different monitoring and management committees such as water monitoring, the committee for greenery, carbon footprint, power consumption, etc. That committee will comprise a teacher incharge, staff of the college, and student members.

#### **Green audit by internal and external agencies**

Periodic Green, energy and water audits will identify the issues for a pollution free and green campus. For that college will take initiatives to conduct an audit on those issues by internal or external experts or some recognized bodies. Accordingly, the recommendations will be fulfilled in wherever feasible.



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