

Policy Document On The Green Campus



**Nalbari College, Nalbari, Assam -
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Green campus initiatives in educational institutions involve diverse strategies to promote sustainability and an eco-friendly environment. Institutions must develop active policies to maintain a clean and green campus, fostering an eco-friendly system for a sustainable future. These policies not only minimize the ecological footprint of the campus but also instil a culture of environmental responsibility within the college community.

Nalbari College, Nalbari is continuously involved in a mission to make its campus a clean and green. To expedite the mission the college has adopted few specific strategies as followed -

- A. Eco-club:** Within the institutional structure the College has constituted an eco-club. The basic objectives of the club are
 - a) To promote environmental awareness among students, faculty, and staff about various environmental issues and the importance of sustainable development through green environment campaigns.
 - b) To encourage and facilitate the adoption of eco-friendly practices such as, waste recycling, composting, and reducing single-use plastics within the campus.
 - a) To document the floral and faunal biodiversity within the campus and give special emphasis on habitat conservation strategies of the same.
 - b) To establish Partnership with local organizations and communities to work on local environmental issues and create a broader impact beyond the campus.

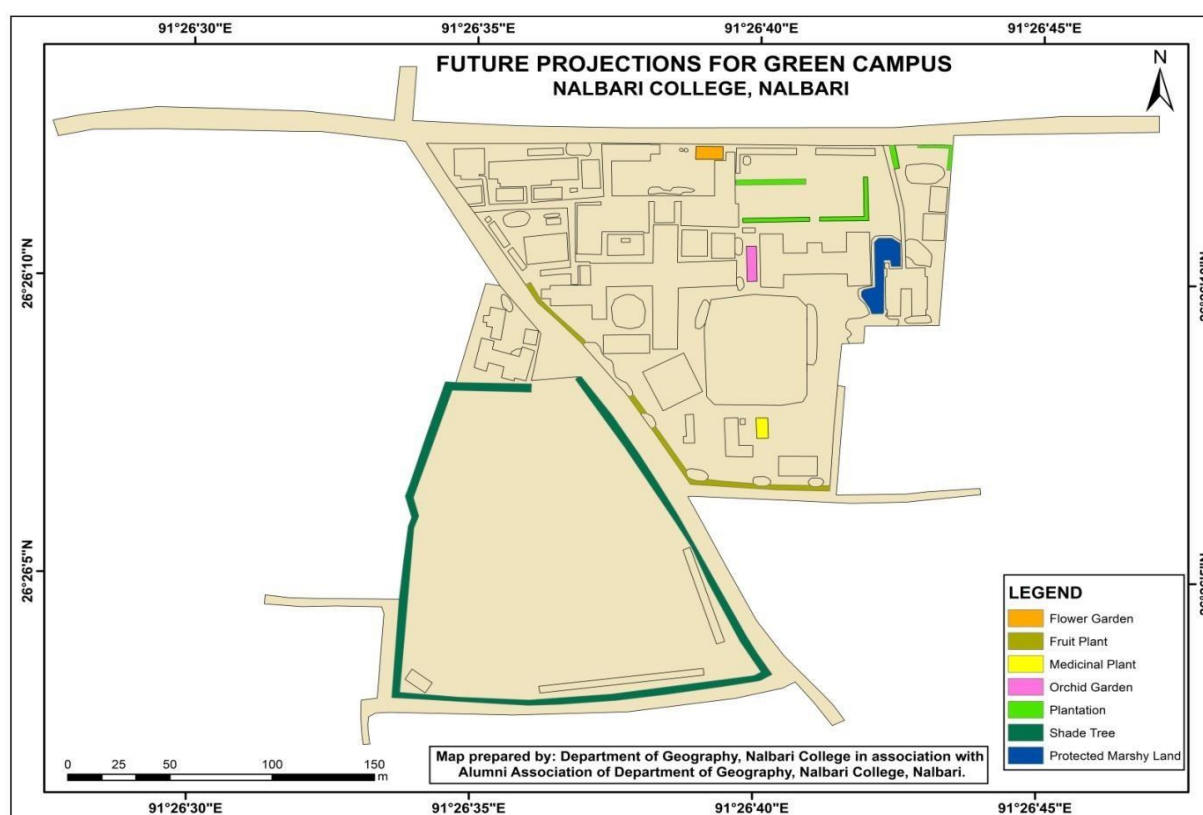
- B. Waste disposal and management:** For proper disposal of the waste materials (organic/inorganic/e waste), the college signed an MoU with an NGO called NESHR (North Eastern Society for Advancement of Human Resource) authorized by municipal board, Nalbari. This NGO is committed to supporting the institution in maintaining a clean and eco-friendly campus through weekly waste collection, scientific disposal and recycling methods.

- C. Water resource management:** The college is directly dependent on the ground water resources for day-to-day activities. To minimize the maximum use of ground water, the college formulates its policie to use rain water as the alternative water source. Currently, the college has installed two rain water harvesting units with 1000Ltr and 500Ltr capacity. One such facility is installed in the department of Chemistry of the college. The department store the rain water adequately for future use in cleaning the laboratory glass- wares. The collected rain water in the other harvesting tank is used in the watering of the college gardens. Similarly, the college authority has conserved the wetland areas and a large fresh water pond for proper ground water recharging.

- D. Energy-saving policies**
 - a. Installation of Solar Panels in the RCC roof of the college building.
 - b. Installation of solar street lights inside the college campus.

- c. New construction projects with priority on the energy-efficient design principles.
- d. Improve insulation, ventilation, and upgrade window systems to minimize the use of electric light inside the classroom during day time.
- e. Deploying smart meters and building automation systems to monitor and optimize energy usage in real-time.
- f. CFLs and other lights are being replaced by more efficient LEDs phase manner
- g. Use of computer and electronic equipment's in power saving mode.
- h. Replace the overhead power supply line with an underground system to reduce maintenance costs associated with repairing damaged overhead electric wires during the monsoon season.

E. Future planning of green area extension: The college aims to protect and enhance its green area coverage in the near future. The projected green area extension is depicted in the following map:



The future planning of Green Area extension of the college includes addition of medicinal garden, Orchid Garden, Flower Garden, Fruit plantation, Shade Tree plantation & protection of the Marshy land existed in the college campus.

F. Future green policies:

- a) Accelerate the tree plantation drive.
- b) Popularize the Proper landscape gardening practices inside the college campus.
- c) Promotional activity of using bicycle inside the college campus.
- d) Install sensors in water reservoirs to reduce electricity costs and prevent excess water flow.
- e) Installation of Waste water treatment plant.

f) Development of specific policy for managing the E – waste.

In conclusion, the Green Campus initiative of Nalbari College reflects our commitment to a sustainable environment inside the college campus. By implementing comprehensive strategies to reduce our ecological footprint, we aim to create a healthier, more sustainable campus environment for current and future generations.
