



**GURU TEG BAHADUR KHALSA COLLEGE FOR
WOMEN, DASUYA, HOSHIARPUR, PANJAB –
144205 (INDIA)**

AFFILIATED TO PANJAB UNIVERSITY, CHANDIGARH ACCREDITED BY B⁺ NAAC



GREEN CAMPUS POLICY

Tel: 01883-285327

E-mail :gtbdasuya@hotmail.com

"Embrace Sustainability: Our College's Go Green Initiative for a Greener Tomorrow"

GREEN CAMPUS POLICY DOCUMENT

Green Campus:

College Green Campus serves as a vibrant hub of academic excellence, fostering a dynamic learning environment for students pursuing higher education. GTB Khalsa College's green campus prioritizes sustainability and environmental consciousness in its operation, infrastructure and practices. This includes green spaces, waste reduction initiatives, energy-efficient buildings and environment-friendly policies. Join us on a journey through the corridors of knowledge and discovery as we unravel the essence of College Green Campus.

Preamble

Guru Teg Bahadur Khalsa College for Women Dasuya is committed to cultivating a green campus environment. We prioritize sustainability through initiatives such as energy conservation, waste reduction, and promoting eco-friendly practices. Green campus policy reflects our dedication to fostering a campus that values environmental responsibility and strives for a positive impact on the planet.

Objectives:

- To enhance the campus with green spaces, sustainable landscaping, and the incorporation of eco-friendly infrastructure for a healthier and more sustainable environment.
- To protect and enhance biodiversity on campus by implementing measures such as native plant landscaping, wildlife conservation, and habitat preservation.
- To improve the biological quality of soil by using vermicompost in gardens.
- To create a planter using recycled water bottles to promote eco-friendly practices.
- To create sustainable broken pot miniature garden to host a variety of plants, fostering biodiversity within limited space.
- To integrate messages about environmental conservation and wildlife protection into painted stones (animal designs), raising awareness among students and visitors.
- To use obsolete tyres as planters to recycle and repurpose materials, reducing the environment impact of waste.
- To minimize resource consumption and wastage, promote efficient use of energy, water, and other natural resources within the college.

- To implement waste reduction strategies, increase recycling efforts and minimize the generation of non-biodegradable waste on campus.
- To reduce energy consumption through the implementation of energy-efficient technologies, renewable energy sources and awareness programs promoting responsible energy use.

Action Plans:

- Conduct a thorough analysis of the campus, identifying areas suitable for green spaces and landscaping.
- Determine the specific needs and preferences of the campus community regarding green spaces and sustainable features.
- Choose native plants to enhance biodiversity and support local ecosystems.
- Select plants that are well-adapted to local climate conditions, requiring minimal water and maintenance.
- Implement rainwater harvesting systems to irrigate green spaces.
- Install smart irrigation systems that use sensors to optimize water usage based on weather conditions and soil moisture levels.
- Utilize sprinkler irrigation in landscaped areas to minimize water wastage and for cooling in a controlled manner in way similar to rainfall during summer.
- Establish corridors of native vegetation to connect fragmented habitats and facilitate wildlife movement.
- Install nesting boxes and create specific habitats to support local wildlife, such as birds, reptiles and small mammals.
- Adopt organic and sustainable land management practices to minimize the use of pesticides and chemical fertilizers.
- Implement IPM (Integrated Pest Management) strategies to control pests without harming beneficial wildlife.
- Establish composting facilities for organic waste generated on campus to enrich the soil.
- Choose Appropriate Worm Species: Select suitable composting worms, such as red wigglers (*Eisenia fetida*), for the vermicomposting system.
- Set up vermicomposting bins or systems, ensuring proper aeration and drainage.

- Apply a layer of vermicompost as mulch around plants to retain moisture, suppress weeds, and provide a slow-release nutrient source.
- Investigate and invest in solar energy solutions for the campus, such as solar panels on rooftops (On Grid).
- Replace traditional lighting with energy-efficient LED bulbs throughout the campus.
- Install smart systems for heating, ventilation, and air conditioning (HVAC) to optimize energy usage.
- Install water-saving fixtures, such as low-flow toilets and faucets, in restrooms and common areas.
- Gradually eliminate or reduce the use of single-use plastics on campus.
- Offer reusable alternatives such as water bottles and containers into planters.
- Install clearly labelled recycling bins across the campus for paper, plastic, glass, (Blue bin) and garden wastes (Green bin).
- Engage in the 5Rs of environment responsiveness in a methodical manner (Reduce, Reuse, Refuse, Repurpose and Recycle).
- Place informative signage near recycling bins to guide students and others on proper waste disposal.
- Use of many obsolete things (tyre) to give our campus garden an innovative look.

Green campus initiative is to raise awareness about environmental issues and sustainable practices through educational campaigns, workshops, seminars, and outreach programs within the college communities to contribute to the well being of the planet, ensuring a **greener tomorrow for generation to come.**

GREENER TOMORROW

"He who plants a tree, plants a hope."

- Lucy Larcom