



**ESTD-2001**

**Website: [www.kbbnc.ac.in](http://www.kbbnc.ac.in)**

**Email Id: [kbbncollege@gmail.com](mailto:kbbncollege@gmail.com)**

## **I. Introduction**

Kishore Bharati Bhagini Nivedita College (Co Ed) is a developing institution in its early years of formation. Our institution recognises its responsibility to foster a sustainable future for generations to come. We acknowledge the significant impact that our operations have on the environment and are committed to reducing our ecological footprint. Our Green Policy outlines our dedication to integrating environmental sustainability into all aspects of campus life, to academics and otherwise.

Through this policy, we aim to reduce our energy consumption, and implement measures to bring into practice the use of alternative energy resources.

Water wastage is to be reduced and awareness created among the students and staff to do the same. We need to relentlessly promote sustainable practices and behaviours among students, staff, and faculty to maintain a cleaner campus. We also need to integrate environmental education and research into our curriculum and programs so that the students too participate in conservation practices.

By working together, we can create a more sustainable future and inspire responsibility in our stakeholders.

## **II. Environmental Principles:**

The principles guiding the institution's environmental policies, programs, and practices are outlined below. These principles will help in framing the outline of our institution's model action plan to create a sustainable and environmentally responsible campus community.

1. Stewardship: Recognise responsibility for the environmental impact of our actions and strive to minimise harm.
2. Sustainability: Embrace practices and behaviours that meet present needs without compromising the ability of future generations to meet their own needs. For example use of renewable alternative resources to meet rising energy demands.
3. Conservation: Reduce, reuse, and recycle to minimise waste and conserve natural resources.



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4. Environmental Justice: Promote fairness and equity in environmental decision-making and access to resources.
5. Education and Awareness: Integrate environmental education into the curriculum and promote awareness among students, staff, and faculty.
6. Innovation and Collaboration: Encourage research, innovation, and collaboration to address environmental challenges.
7. Climate Action: Reduce greenhouse gas emissions and mitigate the impacts of climate change.
8. Biodiversity and Ecosystems: Protect and preserve natural ecosystems and biodiversity on campus and in the surrounding community.
9. Water Conservation: Conserve water resources and reduce waste through efficient practices.
10. Community Engagement: Engage with the local community to promote environmental sustainability.
11. Continuous Improvement: Regularly assess and improve environmental performance and sustainability efforts.
12. Inclusive and Equitable Decision-Making: Involve diverse stakeholders in environmental decision-making process.

Within our limited access and resources, we pledge to work untiringly to the benefit of the society.

### **III. Objectives**

1. Eliminate single-use plastics on campus
2. Reduce plastic waste considerably within the next 2 years
3. Increase recycling rate of plastics
4. Implement a campus-wide composting programme for food waste
5. Promote reusable products and alternatives to plastic
6. Reduce energy consumption by considerably within the next 3 years



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7. Increase energy efficiency by upgrading fully to LED lighting and smart building technologies
8. Generate a percentage of campus energy from renewable sources (solar energy)
5. Implement energy-saving behaviours through employee and student engagement programs
6. Conduct regular energy audits to identify areas for improvement
7. Reduce water usage by reducing wastage
8. Implement rainwater harvesting systems for irrigation and flushing toilets
9. Promote water-saving behaviours through employee and student engagement programs
11. Monitor and report water usage regularly to identify areas for improvement.
12. Increase campus green spaces and tree coverage if possible.
13. Implement sustainable transportation options (electric vehicles, carpooling, etc.)
14. Reduce paper usage through digital documentation and communication
15. Create a campus-wide sustainability awareness and education programs.

#### **IV. Strategies**

- *Plastic-Free Strategies*

1. Conduct a plastic audit to identify sources of plastic waste
2. Implement a ban on single-use plastics (bags, bottles, straws, etc.)
3. Install water refill stations and promote reusable water bottles
4. Replace plastic utensils and plates with compostable or biodegradable alternatives
5. Encourage students to lessen use of plastics and switch to reusable plastic ware.
6. Organize regular clean-up events and awareness campaigns
7. Collaborate with local organizations to promote plastic-free initiatives



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- *Energy Reduction Strategies*

1. Conduct energy audits to identify areas of inefficiency
2. Upgrade to LED lighting and smart building technologies
3. Install solar panels or invest in renewable energy credits
4. Implement energy-saving behaviours among stakeholders through engagement programs
5. Install occupancy sensors and smart plugs to reduce standby power consumption

- *Water Conservation Strategies*

1. Conduct water audits to identify areas of inefficiency
2. Install low-flow fixtures and greywater reuse systems
3. 4. Promote water-saving behaviours through employee and student engagement programs
5. Encourage water-efficient practices in laboratories and canteen

- *Additional Strategies*

1. Develop a sustainability curriculum and integrate environmental education into existing courses
2. Establish a green team involving student volunteers to oversee initiatives
3. Collaborate with local organisations and businesses to promote sustainability
4. Develop a campus sustainability plan and track progress regularly
5. Encourage student and employee involvement through volunteer opportunities and incentives.

## **V. Implementation and Monitoring**

- College Environment Committee is active in our college which is committed to monitoring the overall workings regarding environmental issues.
- There is an active Eco Club for green area management and organising various environmental programs to promote awareness among students and staff alike.



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- The college administration is helping actively in promoting environment-friendly activities among its stakeholders.
- Our Institution is maintaining a green area in the limited space available in its campus with potted plants and wall-mounted plants.
- Electricity consumption has been reduced considerably through the implementation of LED lights and solar energy panels.
- Single use plastic has already been banned within the campus and has proved to be quite effective in maintaining a cleaner campus.
- Programs and events are regularly organised to promote awareness regarding water and energy conservation among students and college staff.

## **VI. Conclusion**

Kishore Bharati Bhagini Nivedita College (Co Ed) is committed to fostering a sustainable future through our environmental policy. We recognize the importance of protecting the environment and promoting sustainability in all aspects of our operations. By implementing this policy, we aim to reduce our ecological footprint, promote environmental awareness and education among the future generations for the betterment of our mother earth.

We will regularly review and update this policy to ensure continuous improvement and progress towards our sustainability goals. We encourage all stakeholders of our institution to join us in this effort and to contribute to creating a more sustainable future.

By working together, we can make a positive impact on the environment and ensure a healthy and thriving planet for generations to come.

*Principal*  
Kishore Bharati Bhagini  
Nivedita College (Co-Ed.)