

Green Policy

Bundelkhand College, Jhansi

Environmental Consciousness and Sustainability

Bundelkhand College, Jhansi upholds its commitment to environmental protection and sustainable development by integrating eco-friendly practices across academic, administrative, and infrastructural activities. The Green Policy reflects the institution's responsibility toward renewable energy adoption, energy conservation, and fostering environmental consciousness among all stakeholders.

Objectives

1. To reduce dependency on conventional energy sources by adopting renewable and sustainable alternatives.
2. To minimize the institution's carbon footprint through energy efficiency and eco-friendly infrastructure.
3. To create a green and pollution-free campus by conserving resources and maintaining biodiversity.
4. To inculcate environmental awareness, responsibility, and active participation among students and staff.
5. To establish a culture of continuous improvement in sustainability practices.

Implementation Strategies

1. Renewable Energy Initiatives

- Installation of solar panels with a capacity of **04 kW** on the rooftops of the Library and M.Ed. Department.
- Utilization of solar-generated electricity to meet daily power requirements, reducing reliance on the conventional grid.
- Storage of surplus solar energy generated during holidays and non-operational hours for future use.
- Every year, we plan to increase the capacity of solar panels to meet the increasing demand of power consumptions.

2. Energy Conservation Measures

- Ensuring classrooms are adequately ventilated and well-lit with natural light to reduce dependence on artificial lighting.
- Replacement of conventional fixtures with energy-efficient appliances and LED lighting.
- Promotion of responsible electricity usage among faculty, staff, and students.

3. Sustainable Campus Environment

- Plantation drives and regular maintenance of green spaces to ensure a clean, pollution-free atmosphere.
- Initiatives to preserve biodiversity within the campus premises.
- Promotion of waste management practices, including reduction, reuse, and recycling.

4. Environmental Awareness and Education

- Organization of workshops, seminars, and campaigns to educate students about sustainability and eco-conscious practices.
- Integration of environmental issues into teaching, research, and extracurricular activities.
- Encouragement of student-led eco-clubs and initiatives for green innovation.

5. Continuous Review and Improvement

- Regular monitoring and assessment of energy consumption and renewable energy generation.
- Expansion of renewable energy capacity in future phases to cover a larger portion of the campus's power requirements.
- Adoption of new technologies and methods that enhance sustainability.

Measurable Outcomes

1. **Energy Efficiency:** A significant percentage of the college's power needs are met through solar-generated electricity, reducing dependence on non-renewable sources.
2. **Carbon Footprint Reduction:** Noticeable decline in electricity costs and emissions due to renewable energy and energy conservation practices.
3. **Resource Optimization:** Reduced artificial lighting and energy usage through improved infrastructure.
4. **Awareness Levels:** Increased student and faculty participation in green initiatives, reflected in eco-club activities and research projects.
5. **Sustainability Culture:** Establishment of the college as a model institution in the region for environmental responsibility and sustainable practices.

Bundelkhand College, Jhansi affirms its commitment to environmental sustainability by embedding renewable energy, efficient resource utilization, and environmental consciousness into its institutional ethos.