



Clean and Green Campus Initiative - Action Taken Report

The Clean and Green Campus is continuous Initiative at Dhanaji Nana Chaudhari Vidya Prabodhini's Loksevak Madhukarrao Chaudhari College of Social Work, focused on assessing various environmental aspects including energy efficiency, carbon footprint, renewable energy usage, rainwater harvesting, waste management, and green practices to promote sustainability.

Action Taken Report

1. Energy Efficiency:

- Ongoing promotion of energy-efficient practices.
- Continued replacement of conventional lighting with LED technology.
- Exploration of additional energy-saving measures based on audit findings.

2. Carbon Footprint Reduction:

- Regular monitoring and efforts to reduce CO₂ emissions through energy-efficient technologies and expanded use of renewable energy sources.

3. Renewable Energy Usage:

- Expansion of solar energy utilization to reduce dependence on traditional power sources.

4. Rainwater Harvesting:

- Maintenance and optimization of the rainwater harvesting system for sustainable water management.

5. Waste Management:

- Sustained solid waste management practices.
- Promotion of responsible e-waste disposal methods.

6. Green Practices:

- Promotion of public transport usage among students.
- Implementation of initiatives to further reduce the college's carbon footprint.
- Continued efforts for a plastic-free campus and maintenance of green landscaping.



Clean and Green Campus Initiative - Achievement Report

1. Electrical Energy Consumption:

- Total energy consumed: 15,224 kWh.
- Maximum monthly consumption: 1,723 kWh.
- Minimum monthly consumption: 537 kWh.
- Average monthly consumption: 1,269 kWh.

2. Carbon Footprinting:

- Total CO₂ emissions: 12.18 MT.
- The highest monthly CO₂ emissions: 1.38 MT.
- The lowest monthly CO₂ emissions: 0.43 MT.

3. Usage of Alternate Energy:

- Installation of a 5 kW Solar PV Power Plant.
- 33% of the annual energy requirement is met through renewable energy sources.

4. Rain Water Harvesting:

- Installation of a rainwater harvesting project to reduce dependency on municipal water supply.

5. Waste Management:

- Implementation of solid waste management with a bio-composting plant.
- Minimal e-waste generation due to email-based internal communication.

6. Green Practices:

- Initiatives for a plastic-free campus, such as separate waste bins and paper tea cups.
- Maintenance of a green garden on campus.

Through the Clean and Green Campus Initiative, the institution has taken significant steps to reduce its environmental impact and promote sustainability. Actions such as energy-efficient upgrades, renewable energy adoption, rainwater harvesting, waste management, and green practices have collectively led to a cleaner and more eco-conscious campus. The college remains dedicated to furthering these initiatives to create a greener and more sustainable environment.