



ENERGY POLICY



POLICY STATEMENT



IQAC Department

Janata Shikhan Prasarak Mandal's

Marturaoji Ghule Patil Art's, Commerce And Science College

Ahmednagar Maharashtra India 414111



Bahujan Hitay , Bahujan Sukhay!

Janata Shikshan Prasarak Mandal's

**MARUTRAOJI GHULE PATIL ART'S,
COMMERCE AND SCIENCE COLLEGE**

Ahmednagar, 414111 Ph.No. 0241-2779497

Web-www.mgpcollege.com. e-mail-mgpcollege@gmail.com



Online College Code No-C02430

ID No.PU/AN/ACS/111/2009

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Pun.Code-CAA017120

ENERGY POLICY

Preamble

Energy is now a vital part of everyday life. As per the Environment Policy 2020 of UGC, that sets long-term goals for educational institutes to conserve natural environment, develop sustainable solutions and control energy consumption, an educational institution has to evolve programs and policies that turns the institute into a carbon-negative institute and promote in educating students and employees on environmental concerns and sustainability, be responsive to the emerging challenges in the Energy sector and Sustainable development of the State and Country. So, it is essential for the educational community to practice sustainable energy that will provide favorable effect on the eco-system.

The Energy Policy of the Institution will thus be effective in organizing structured programs to promote awareness on the proper management and conservation of energy those models resource-efficient and low-carbon campuses that demonstrate practice for sustainability.

Features in the Campus:

1. MSEB Electricity connection
2. Solar Street Lamp installed in the campus
3. Generator Backup (Diesel)
4. Power Backup – UPS Battery for administrative office
5. LED Light fixtures.
6. Effective peak load management
7. Repair, Re-use and frequent maintenance of equipment to ensure sustainable longevity.
8. Effective maintenances through annual maintenance.

1. Energy Policy Statement

The energy policy articulates commitment of the Institution to the conservation of energy by defining energy management protocol for electrical energy systems of the institution, focusing on sustainable practices of Energy Conservation and maintaining an eco-friendly green campus.

2. Objectives

- Utilize energy resources efficiently by introducing innovative technologies
- Use of renewable energy.
- Optimize the Energy consumption and cost.
- Reduce, Reuse and Recycle.
- Carry out regular internal energy audits to identify energy conservation opportunities.
- Regular monitoring and follow up procedures managed by the Institution Energy Audit for effective implementation at department levels.
- To train faculty, non-teaching staff and students to make the Institute a role model in the area of Energy conservation.
- Promote awareness related with Energy conservation among various sections of society.

4. Action Plan

Energy Optimization Plan

2. Regular Monitoring and benchmarking resource use and waste generation.
3. Monitor and evaluate the energy performance levels
4. Setting short -term and long-term targets and conservation strategies, to achieve and surpass goals for zero-carbon Campus.
5. Use of energy efficient, star labelled equipment.
6. Periodic maintenance and replacement of other lights/lighting fixtures to LED.
7. Maintaining a sustainable approach by use of existing equipment efficiently till its life cycle ends, and replacing with more efficient equipment when necessary.
9. Maximum use of Daylight for Indoor illumination and natural ventilation.
12. Maximize use of Renewable Energy – Grid Interactive Solar PV System installed in the Campus.
14. Encourage students to undertake Energy Management, Energy optimization techniques, Renewable Energy Harvesting thereby promoting a sense of awareness towards Energy use and its cost.