



# COLLEGE OF EDUCATION (B.Ed & M.Ed.)

Ghargoan, Tal. Shrigonda, Dist. Ahmednagar 413728

(Approved by NCTE Bhopal, Govt. of Maharashtra & Affiliated with Savitribai Phule Pune University)

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College Code -1014 NCTE ORDER No. B.,Ed. 123245/149567 Id No. PU/AN/BED/89 /2006 NCTE ORDER No. M.Ed./125110/154854

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## ENERGY POLICY



### Preamble

Energy and life are in a symbiotic relationship. India's energy demand could double by 2040 with the population growing exponentially. Pursuant to the Environmental Policy 2020 of All educational institutes are to conserve natural environment, develop sustainable solution and control energy consumption. In addition, educational institutions have to evolve programs and policies that convert the existing environment into a negative-carbon foot print by educating students and emerging challenges of sustainable development in the states, nationally, specifically in the energy sector.

The College's energy policy is framed to 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. Lighting in Classroom
2. 100% Power Backup
3. LED Bulbs
4. Repair, Re-use and frequent maintenance of equipment to ensure sustainable Longevity.
5. Effective maintenances through annual maintenance.

### Energy Policy Statement

The college's energy policy echoes its commitment to innovation of energy. It sets out the institutions initiatives in conserving energy and sustainable practices in reducing carbon footprint for maintaining an eco-friendly green campus.

### Objectives

- Use energy resources efficiently by switching to innovative technologies
- Optimize energy consumption and use cost-effective energy saving practices.

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- Implement "Reduce and Recycle."
- Regular maintenance by electricians
- Hand-on training to faculty, non-teaching staff, students and facilities staff to implement energy saving practices.
- Establish ties with industries and conduct a complete energy audit subject to resources and availability.
- Promote awareness on energy conservation among all stakeholders.

## 2. Responsibilities and Roles.

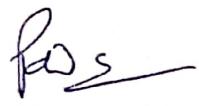
- (I) Faculty and student teachers, technical Staff  
(II) Principal and Management

The team should carry out the action plan and ensure the energy resources are made available and utilized optimally.

## 3. Energy Optimization Action Plan

1. Regular monitoring and benchmarking resource use and waste generation.
2. Identifying and setting both short term and long term energy conservation targets to achieve zero-carbon campus.
3. Use of energy efficient equipment as applicable.
4. Periodic maintenance and replacement of other light/lighting fixtures to LED.
5. When the life cycle ends of existing equipment replace it with energy efficient equipment when necessary.
6. Regular maintenance of electronic equipment and computer equipment to minimize e-Waste. Reduce e-waste to minimum before moving on to replace & recycle stage.
7. Maximum use of daylight for indoor illumination and natural ventilation.
8. Install occupancy sensors for classrooms, halls, administrative offices, restrooms and sensor-based switches for street lighting and corridor lighting to optimize energy use.
9. Operating air conditioning and water coolers on optimum temperature settings.
10. Consider switching to renewable energy specifically solar energy.



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