



Ahmednagar Jilha Maratha Vidya Prasarak Samaj's
NEW ARTS, COMMERCE AND SCIENCE COLLEGE
PARNER – 414 302
Dist.-Ahmednagar (MS), India

GREEN CAMPUS, ENVIRONMENT AND ENERGY USAGE

Policy and Procedures



Policy on Green Campus, Environment & Energy Usage

Introduction:

“Earth provides enough to satisfy every man's needs, but not every man's greed.”

– M. K. Gandhi

The progress and development have led to the deterioration of nature. In the quest for fulfilling man's needs, he has exploited nature to its maximum. This development is not ecologically sustainable. Awareness about the degradation of nature with implementation of strategies to conserve it becomes more important for the sustainable development. We believe that, higher education institutes can play an important role in development of responsible youths.

New Arts, Commerce and Science College, Parner is located in rain shadow region that receives scanty rainfall. We have adopted the environment friendly practices along with curricular and co-curricular activities to develop a green and eco-friendly campus. This offers a lead to the institution to redefining its environmental culture and development of new paradigms by creating sustainable solutions to environmental, social and economic needs of the mankind.

It was necessary to look forward to make the efficient use of available water and other resources. A clean and healthy environment aids effective learning and provides a conducive learning environment. We decided to educate and make aware students on the issues such as renewable energy sources, waste management and water conservation. HEI works in the areas of energy, environment, and waste management. The stakeholders work to develop an eco-friendly, sustainable campus and to disseminate the concept of green campus.

Scope:

The policies on green campus, energy and environment will develop new practices that encourage stakeholders to take lead in creating positive change for sustainable development. This initiative helps to review all infrastructural and administrative functions from the stand points of eco-friendly, energy conservation and sustainable environment in and around the college premises.

Objectives:

1. To assimilate the environmental concern into policies, plans and programmes into various activities.



2. To ensure proper and efficient use of all available environmental resources including energy and water
3. To adopt good environmental practices to reduce the waste that can have any adverse effect on the environment.
4. To increase the awareness about environment concern with the help of stakeholders and local community.
5. To protect and conserve ecological systems and resources.

Strategies:

1. To develop eco-friendly campus by planting more trees.
2. To conserve the energy and use of renewable energy sources.
3. To use of available water efficiently
4. To manage the waste properly.
5. To work with all stakeholders and local community.

Guiding Principles:

HEI resolved to work with stakeholders to foster a culture of self-sustainability and eco-friendly campus. The time bound strategies are developed to implement green campus initiatives. At the outset, committees comprising faculty from the various departments are constituted in consultation of IQAC. It was entrusted the task of formulating principles for clean and green campus. The committee plans and executes initiatives as follows:

1. Conduct a green, environmental, electrical and fire safety and energy audit of the campus periodically.
2. Celebration of “*Vanmahostav*” and plantation of different plant species at defined intervals with the help of stakeholders.
3. Sensitization of the stakeholders to minimize the use of polluting products and use proper environment-friendly substitutes and services.
4. Ingrain the importance of cleanliness for a healthy life through *Swachhata Pandharwada* and *Swachh Bharat Abhiyan*.
5. Use of energy efficient equipment’s [BEE Energy STAR rating] at workplace.
6. Awareness about environmental issues by organizing Events, Rallies, Awareness Campaigns, Cleanliness Drives, Seminars, Workshops, presentations, Tree Plantation



Drives, Wildlife Photography Competitions, Rangoli Competitions, Essay Competitions, Bird Watching Programs, Excursions, Study Tours, Guest Lectures, Talks, etc.

7. Initiatives to implement the Clean and Green Campus Policy.

Environment and eco-friendly/green campus

- Increase of green cover in and around the campus by plantation.
- Development of Cactus garden to conserve local and exotic xerophytic plant species.
- Construction of pedestrian friendly roads in the campus with help of paver blocks.
- Development of botanical garden and nursery of medicinal plants.

Energy Conservation:

- Suitable action taken to reduce greenhouse gas emissions due to energy consumption
 - To use of energy efficient lamps (LED)/sensor based lamps (RADAR/IR/ Light) where ever possible like corridors, toilets, store room, etc.
 - To use of energy efficient equipment's (BEE STAR) in laboratories/ classrooms/ canteen.
 - Use of solar water heaters.
- Monitoring the entry of vehicles in the college in terms of their fuel efficiency and encourage the use of battery operated vehicles.
- Promoting the use of public transport system.
- Creating awareness by organizing seminars, workshop, debates, essay competition activities related to climate change, environmental protection, and environmental issues.
- Promoting projects and experiments in the education system as part of regular curriculum which is related to environmental aspects.
- Actions taken to reduce Greenhouse Gas (GHG) emissions.

Waste Management

- Adoption of methods for waste segregation at source in the form of dry and wet with help of dustbins.
- Use of vermicomposting units for disposal of organic waste and production of organic manure to fertilize the trees.
- Take appropriate actions to reduce and recycle waste.
- Establishment of MoUs and agreements to manage, collect and dispose waste, e-waste, scrape, etc. appropriately.



- Generation of biogas from waste food.
- Actions taken for minimize the use of plastic by following 4 'R' principle viz., refuse, reduce, reuse and recycle.
- Adoption for paperless/less paper work culture and recycling/ reuse of paper in administration.

Water Management

- Adopting following measures on campus to reduce water consumption
 - Rain water harvesting.
 - Drip irrigation for watering the plants.
 - Use of STP to treat the domestic/laboratory effluent.
 - Use of recycled water for watering the plants.
 - Use of innovative methods of experimentation.
- Use of septic tanks and soak pits.
- Safe and Clean Potable Water using water purification systems
- Use of water efficient taps.

HEI practiced to display of instructions/alerts/ slogans at prominent locations in the campus for conservation of water, energy and waste management for sustainable development.

We strive to follow a scheme of continuous improvement and upgradation in our procedures, practices and review the policy on a regular basis to evaluate continued relevance and to monitor compliance.

Date: 30.12.2018

Place: Parner