



Anand Charitable Sanstha Ashti's

## **Anandrao Dhonde Alias Babaji Mahavidyalaya**

(Arts, Commerce & Science)

**Kada. Tal. Ashti. Dist. Beed (M.S.)-414 202**

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### **Policy document on Environment & Energy usage**

#### **Introduction:**

Anandrao Dhonde Alias Babaji Mahavidyalaya has a specious campus, of 10 acres having a good infrastructure and specious playground. Our institution is one of the prime institutions contributing to Environment Consciousness. We do hard efforts for ensuring protection of *Environment* and Conservation of resources through optimum utilization of environmental resources. We are trying to inculcate *awareness* and knowledge of all stakeholders with respect to environment and exercise environment leadership in the vicinity.

#### **Objectives:**

- To maintain and conserve ecological balance within and outside the campus
- Conservation of resources through optimum utilization.
- Enhancing awareness and knowledge of all concerned with respect to environment and natural resources.
- To improve our contribution to climate protection and adaptation to climate change
- To create awareness and enhance use of renewable energy sources.
- To realize our responsibility and commitments to conservation of natural resources and to limit its usage.
- To try to minimize paper use in administration.

#### **Scope of the Policy:**

The Green Campus, Energy and Environment Policies will develop exciting new co-curricular and extra-curricular practices that encourage students to take the lead increasing positive change. These initiatives call for a thorough review of all

infrastructural, administrative functions from the stand points of energy efficiency, sustainability and the environment.

The focus areas of this policy are:

- Clean Campus Initiatives
  - Landscaping Initiatives
  - Clean Air Initiatives
  - Smoking Free Campus
  - Installation of Energy Efficiency Equipment
  - Water Conservation through Rainwater Harvesting System
  - Solid Waste Management
  - Liquid Waste Management
  - E-Waste Management
  - Green Audit
  - Energy Audit
  - Environment Audit
  - Plastic-Free Campus
  - Increasing Greenery systematically
  - Production of wormy compost
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- Institute is implemented energy sustainability measures to reduce consumption of non-renewable energy by using energy efficient products.
  - Create awareness among students, faculty members and all relevant stakeholders for efficient use of energy (electricity)
  - Our institute initiated activities to adopt eco-friendly lifestyle by the consumption of energy through solar source. We installed solar panel on grid 6 kw. It produces 20-25 units per day and our average daily consumption is 8-9 units.
  - To increase use of LED bulbs and tubes

### **Practices:**

#### **Clean Campus Initiatives:**

College had pledged to actively coordinate cleanliness activities in the college and beyond the campus in accordance with the vision of *Swachh Bharat Abhiyan* and *plant trees*

*and save trees* as well as Government of Maharashtra's *Ekach Laksh one koti vruksh* (Only one aim Crores of Trees). It commits to continue with plans of Central Government, State Government and statutes of affiliating university.

**The broad vision is as follows:**

- Generating mass awareness on cleanliness and hygiene among students and staff members by holding regular cleanliness drives.
- The idea is to motivate them to contribute in a proactive manner.
- Activities under 'Swachh Bharat Abhiyan 'will be a key component to fall the community work being done by NSS.
- Staff Members will be encouraged to participate in the cleanliness drive in the college campus.
- Events such as poster and slogan competitions, essay writing, spoken word poetry, speeches, skits on 'Swachh Bharat ' organized during NSS camps and other co-curricular activities.
- Rallies on the misconnected with 'Swachh Bharat Abhiyan 'in and around the college campus will be conducted to create mass awareness.
- Remove all kinds of waste material like broken furniture, unusable equipment etc.
- Administer of the pledge by students and staff members to maintain cleanliness of the college campus and its surrounding areas on an annual basis.
- Conduct workshops on the Environments
- Commit to manage waste and maintain clean campuses especially during college events.

**Landscaping Initiatives:**

The campus landscape, like its buildings, can be seen as the physical embodiment of a college' values. It is a vital part of the life of a campus, providing space for study, play, outdoor and indoor events, relaxation and aesthetic appreciation. Green campus land scopes also manage run off, help recharge groundwater, and clean and cool the air on campus. The landscape serves as visual representation of the campus community's commitment to

sustainability. As campus landscapes are so visible and accessible, land scraping initiatives are a great way to build awareness round the environment.

There are more than 3500 lush and green trees on the college campus. The landscape of trees and plants provide the 12000 students and staff with clean and cool air and is a soothing environment. The diverse green cover of college is also home to a number of animals and rare birds across at least 30 species, creating a campus rich in biodiversity. The college commits to enriching this healthy habitat and maintaining the symbiotic relation of the situation within the area by

- Organizing annual tree plantation drives
- Encouraging students and societies to hold tree planting events

#### **Energy conservation:**

The institution will do maximum efforts to reduce energy consumption and use renewable sources of energy as far as possible.

#### **Action Plan:**

- The points of energy wastage and leakage should be identified and appropriate steps shall be taken to set a target of attaining significant energy saving by appropriate modifications and adopting best practices.
- The fluorescent lights may be replaced with LED in the existing buildings and street lights across the campus.

#### **Water Management Plan for Optimum Usage of Water:**

The institution adopts a sustainable water management plan to prevent wastage of water as well as recycle and reuse wastewater in the campus.

#### **Action Plan:**

Reduction of potable water usage by efficient monitoring, using efficient fixtures and restricting usage for irrigation.

- 1) Installation of rainwater harvesting units at suitable locations in campus.

## 2) Use of Sustainable Nursery practices

### **Policy Monitoring and Review:**

The Committee shall monitor and review the efficacy of the policy on annual basis. Discreet or micro data could be made accessible to faculty and departmental heads for taking appropriate actions and complying with them on regular basis.

- To undertake tree plantation campaign in campus and out of Campus every year.
- To develop rain water harvesting and bore well recharging to increase water table level.
- To develop systematic waste management mechanism
- Biodegradable waste is used for vermin-composting
- Plastic-Free Campus
- Conduct energy audits and monitoring of energy use at the campus.

#### **A. Water:**

- To inculcate importance of water conservation amongst the stakeholders
- Monitor and minimize the water consumption.
- Implementation of innovative water-efficient technologies such as rainwater harvesting and recharging of bore wells
- Promote local plantation to reduce water usage.

#### **B. Waste Management**

- Solid Waste Management
- Liquid Waste Management
- E-Waste Management

The Environment and energy policy is binding for all the component of this institution. The various activities undertaken by the institution will help to increase efficiency and environmental awareness in everyday life. This policy will help to realize our responsibility and commitments to conservation of natural resources and limit of their usage.

- **Practices**

The policy will be communicated to all the stakeholders via internal communication and will be made available on institutional website. The environment and Energy policy and its objectives will be reviewed on a regular basis by Principal of Anandrao Dhonde Alias Babaji Mahavidyalaya, Kada practice of using bicycles by students is preferentially followed in the institute. The use of plastic bags and wrappers is prohibited in the campus. Dustbins are placed in the away the waste from the campus every week for disposal and recycling. The campus has been enriched with greenery due to substantial tree plantation & nurturing. The botanical garden covers maximum green zone of the campus which consists variety of valuable plants and trees including ornamental plants. Several endangered medicinal plants are cultivated and protected in the campus. Farm-pond fulfills the need of water for plant.



  
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