



Dr. Ambedkar College of Arts, Commerce and Science, Chandrapur (M. S.)

The Green Campus, Energy, Environment and Disable-friendly, barrier free Environment Policy

Context

Dr. Ambedkar College, Chandrapur is an institution where environmental friendly practices and education combine to promote sustainable and eco-friendly practices in the campus. Although surrounded by Tadoba Forest The Chandrapur city is among one of the most polluted cities of India. The college is located in the heart of the city. Realizing the need to curb air pollution, the college primarily focuses on greening the campus.

Since 1970, the college has always had sustainable initiatives at the core of all activities. The college has a huge playground surrounded by trees from all sides. The huge peepal trees in the campus provide cool shade. There are palm trees covering the college building. The college promotes environmental activities which creates awareness among the students and staff to protect our environment.

Scope of the Policy

The Green Campus, Energy and Environment Policies will develop exciting new co-curricular and extracurricular practices that encourage students to take the lead in creating positive change. These initiatives call for a thorough review of all infrastructural, administrative functions from the standpoints 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

⇒ Infrastructure

- Use of LED lights



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- Water Conservation through Rainwater Harvesting System
- Ramps for Physically Disabled
- Waste Management processes
 - ◆ Solid Waste Management
 - ◆ Liquid Waste Management
 - ◆ E-Waste Management
- Awareness Initiatives
- Environment-centric Department Activities
- Green Audit
- Energy Audit
- Plastic-Free Campus

Objectives of the Policy

- To protect and conserve ecological systems and resources within the campus.
- To ensure judicious use of environmental resources to meet the needs and aspirations of the present and future generations.
- To integrate environmental concerns into policies, plans and programmes for social development and outreach activities.
- To work with all stakeholders and the local community to raise awareness and seek the adoption of environmental good practice and the reduction of any adverse effects on the environment.
- To continuously improve our contribution to climate protection and adaptation to climate change and to the conservation of global resources.
- To continuously improve the efficient use of all resources, including energy and water, and to reduce consumption and the amount of waste produced, recovering and recycling waste where possible.
- To make the campus plastic free.
- To conduct environmental and energy audits from time to time.
- To minimize the use of paper in administration through having policy for E-governance.



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Policy:

Clean Campus Initiatives

Dr. Ambedkar College had pledged to actively coordinate cleanliness activities in the college and beyond the campus. It commits to continue with this Programme. The broad vision is as follows:

- 1) Generating mass awareness on cleanliness and hygiene amongst students and staff members by holding regular cleanliness drives. The idea is to motivate them to contribute in a proactive manner.
- 2) Activities under 'Swachh Bharat Abhiyan' will be a key component of all the community work being done by NSS, NCC units of the college.
- 3) Staff Members will be encouraged to participate in the cleanliness drive in the college campus.
- 4) Remove all kinds of waste material like broken furniture, unusable equipment etc.
- 5) Administer of the pledge by students and staff members to maintain cleanliness of the college campus and its surrounding areas on an annual basis.
- 6) Commit to manage waste and maintain clean campus especially during college events.

Landscaping Initiatives

The campus landscape, like its buildings, can be seen as the physical embodiment of a college's values. It is a vital part of the life of a campus, providing space for study, play, outdoor events, relaxation and aesthetic appreciation. Green campus landscapes also manage runoff, help recharge groundwater, and clean and cool the air on campus. The landscape serves as a visual representation of the campus community's commitment to sustainability. As campus landscapes are so visible and accessible, landscaping initiatives are a great way to build awareness around the environment. There are palm, peepal and other trees. The landscape of trees and plants provide the 3000 + students and staff with clean and cool air and is a soothing environment. The green cover of DAC is also home to a number of birds creating a campus rich in biodiversity. The college commits to enriching this healthy habitat and maintaining the symbiotic relation of the institution with nature by

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



Clean Air Initiatives

We encourage our students and staff to use public transportation. We encourage carpooling to college, an activity that will control air pollution and strengthen social interaction. The entry of automobiles inside the campus is restricted to discourage the use of private vehicles.

Smoking Free Campus

In compliance with the framework provided by the National Tobacco Control Programme (NTCP) 2007-2008, the college prohibits smoking and the use of other tobacco products.

As a step in this direction, smoking and use of tobacco in and around the campus is strictly prohibited.

Disable-friendly, barrier free Environment

DAC is committed to create disable friendly, barrier free environment for physically challenged. The human assistance will be provided for the convenience of admission procedure and in other situations when demanded. The ramps are build for smooth movement of the disabled.

Infrastructural Initiatives

Energy Saving through LED

We commit to install environment-friendly electrical appliances that save energy and reduce wasteful inefficiencies. The college believes in using cleaner energy such as LED lighting.

Water Conservation through Rainwater Harvesting System

DAC has committed itself to replenish the groundwater by practising rainwater harvesting. This practice helps in the replenishment and recharge of the groundwater.

Waste Management Processes

DAC strives to have a minimal impact on the environment and is dedicated to reduce and manage the waste generated by the college campus. The following specific procedures will be undertaken to ensure DAC's contribution in protecting the environment.

Solid Waste Management

With its aim to provide holistic education that also has a positive impact on the environment, the college will adopt practices that will mitigate the generation, and manage solid waste through the following methods:

- Keeping the dustbins on all the floors of the building.



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- Encouraging students to drop waste papers and dried leaves in the dustbins.
- To handover solid waste and plastic waste to the Municipal Corporation Garbage Carrying vehicle.
- Take initiatives to spread awareness among students about
 - Food wastage and ways of minimizing it
 - Minimizing the use of packaged food
 - Organizing workshops for students on solid waste management.

Liquid Waste Management

- ❖ Maintain leak proof water fixtures.
- ❖ Minimize the use of water by constructing more Indian style toilets instead of western style toilets.
- ❖ Continued employment of a caretaker to take immediate steps to stop any water leakage through taps, pipes, tanks, toilet flush etc.

E-Waste Management

DAC ensures that its usage of technology and generation of e-waste does not impact the environment. For this purpose, the college plans to strive towards:

- ❖ More provisions for the disposal of the institutional e-waste.
- ❖ Awareness among students about reduction of e-waste and environment friendly disposal practices for e-waste.

Awareness Initiatives

Outreach and education are of utmost importance so that all members of the campus community may value the objectives of the policy and aid in its implementation. This is why DAC supports and encourages awareness campaigns, seminars, workshops, conferences and other interactive sessions to facilitate effective implementation of the Green Campus, Energy and Environment policies.

Environment-centric Departmental Activities

DAC encourages all the departments like NSS, NCC and others to organize events, competitions and training sessions that will bring about positive environmental changes at the grassroot level. The college supports departments in moulding the students into active agents of environment protection and conservation.

Conduct Green Audit

The college aims to regularly conduct a Green Audit of our college campus to assess our strengths and weaknesses to further our goals of long-term sustainability. A green audit is a useful tool to determine how and where most energy or water or resources are being used. The college can then consider how to implement changes and make savings. It can determine the type and volume of waste. Waste minimization plans can be adopted. It will create health consciousness and promote environmental values and ethics. It provides a better understanding of the impact of ecofriendly practices on campus. Green auditing will promote financial savings through reduction of resource use. It is imperative that the college evaluate its own contributions toward a sustainable future.

Conduct Energy Audit

An Energy Audit to be conducted as and when required to further reduce its carbon footprint. The importance of reducing energy consumption cannot be overstated. The energy audit, with its specialized tools will identify wastage of energy. Such an inspection often reveals several different flaws which cause a loss of significant amounts of energy which the college will not be able to detect. These flaws often have easy and affordable solutions and provide significant savings.

Plastic-Free Campus

DAC has been observing most of its duties in terms of solid waste management since its inception. In view of the Government of India's resolution to ban all single use plastics due to the hazardous impact of plastic use and pollution, the college administration strictly bans the use of single use plastics in its premise to make it a 'Plastic Free Campus'



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Energy Conservation Measures



Use of LED lights for energy saving



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A Brief Report of the Facilities and initiatives

- **Energy Conservation Measures :** DAC has taken initiatives to use LED Bulbs as a measure to conserve energy. Over the last five years, the college has been using LED bulbs and thus saving energy.
- **Management of various types of degradable and Non-degradable waste:** The institute has a system to collect Non-degradable waste like out dated computers, cartridges, Cables, Mouse, Printers, Monitors, Scanners, Fans, Water Coolars, Fibre Chairs etc. and sale it to the scrap merchant on a regular basis. The degradable waste is collected regularly in dustbins and handed over to the garbage carrying vehicle of Municipal Corporation.
- **Water Conservation:** The institution has a system of rainwater harvesting as a measure of water conservation.
- **Green Campus Initiative:** The institution has taken initiative of green in the campus. Over the last five years, Palm trees have been grown in front of college building.
- **Disable friendly, barrier free environment:**
DAC has built ramps for the convenience of disables. The institution is committed to provide barrier free environment. Also human assistance is provided to all the disables at the time of enquiry admission procedure and in other required situations.

3. Water Conservation



NSS volunteers digging land for 'PANI ADAVA PANI ZHIRWA AND JAL YUKT SHIWAR'.

**NSS Volunteers digging Land for “ Pani Adava Pani Jirva and Jal Yukt Shiwar during
NSS Camp between 15-21 Jan. 2019**



N.S.S. Volunteer doing digging work at camp site

**NSS Volunteers while digging pits for water harvesting at village Dewada during NSS Camp between
17-23 Dec. 2019**



Rainwater Harvesting

3. Green Campus initiatives

TREE PLANTATION PROGRAM 23 JULY, 2018



Tree Plantation in the campus by NSS Volunteers and Staff members on 23 July 2018



Tree Plantation in the campus by NSS Volunteers and Staff members on 06th August 2019



Tree Plantation in the campus by NSS Volunteers and Staff members on 28 July 2020.



GPS Map Camera



Chandrapur, Maharashtra, भारत

MH MSH 6, Civil Lines, Chandrapur, Maharashtra

442402, भारत

Lat 19.967492°

Long 79.289883°

02/01/23 09:50 AM GMT +05:30



GPS Map Camera



चन्द्रपुर, महाराष्ट्र, भारत

X78Q+XP, सिविल लाइंस, चन्द्रपुर, महाराष्ट्र 442402, भारत

Lat 19.967378°

Long 79.289483°

02/01/23 09:55 AM GMT +05:30



Ramps to facilitate Differently Abled