



# DANTULURI NARAYANA RAJU COLLEGE

(Autonomous)

BHIMAVARAM, W.G.DIST, ANDHRA PRADESH, INDIA, PIN- 534202.

(Accredited at 'B<sup>++</sup>' level by NAAC)

(Affiliated to Adikavi Nannaya University, Rajamahendravaram)

## BAN ON PLASTIC USE POLICY

Implementing a ban on plastic use at DNR College, Bhimavaram, can significantly contribute to environmental sustainability and create a healthier campus. Here are steps and considerations for implementing such a policy:

### Policy Framework

#### 1. Policy Statement:

The ban is on plastic products such as single-use plastics like bottles, straws, bags, utensils.

#### 2. Scope and Applicability:

The ban is enforced on entire campus including cafeteria.

By the ban students, faculty, staff and vendors are affected

### Implementation Strategy

#### 1. Awareness:

Awareness about plastic ban is included in programs for new students and staff.

Posters, digital boards, and social media to spread the message are used.

#### 2. Alternatives and Support:

Alternative to plastic products bamboo straws, cloth bags and reusable bottles provided.

There are many protected water taps are set up for water to discourage bottled water use.

#### 3. Infrastructure and Facilities:

Different colored bins are arranged to ensure proper waste segregation.

Composting units for organic waste are set up.

It is ensured to canteen comply with the policy by using biodegradable or reusable utensils.

### **Conclusion**

The success of a plastic ban policy at DNR College, Bhimavaram, depends on thorough planning, widespread education, and community involvement. By fostering a culture of sustainability, the college can set a positive example for other institutions and contribute to a healthier environment.

  
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## Green Campus Policy of DNR College

DNR College Bhimavaram is committed to promoting environmental sustainability through a variety of green policies. These initiatives are designed to reduce the college's environmental footprint, promote sustainable practices among students and staff, and contribute to the broader goal of environmental conservation. Here are the key aspects of DNR College's green policy:

### Energy Conservation

#### Use of Energy-Efficient Lighting and Appliances

The college has replaced traditional electric bulbs with energy-efficient LED lighting across the campus. This has significantly reduced electricity consumption and lowered the overall carbon footprint. Additionally, the use of energy-efficient appliances in laboratories, offices, and common areas helps conserve energy.

### Water Management

#### Rainwater Harvesting Systems

To address water scarcity and promote sustainable water use, DNR College has implemented rainwater harvesting systems. These systems collect and store rainwater, which is used for cleaning purpose in Chemistry laboratory. This initiative not only conserves water but also reduces the burden on municipal water supplies.

### Waste Management

#### Segregation of Waste at Source

DNR College has a comprehensive waste management program that begins with the segregation of waste at the source. Separate bins for biodegradable, recyclable, and non-recyclable waste are placed throughout the campus. This segregation facilitates efficient recycling and disposal processes.

## **Composting Organic Waste**

Organic waste from the college canteens and gardens is collected and composted on-site. The resulting compost is used as manure for the college gardens, enriching the soil and promoting healthy plant growth. This closed-loop system exemplifies the principles of circular economy and sustainable waste management.

## **Green Campus Initiatives**

### **Planting of Trees and Maintaining Green Cover**

DNR College has undertaken extensive tree-planting initiatives to enhance the green cover on campus. Native and drought-resistant species are prioritized to ensure minimal water usage and maximum environmental benefits. Regular tree-planting drives involve students, staff, and the local community, fostering a sense of collective responsibility towards the environment.

### **Promotion of a Plastic-Free Campus**

The college actively promotes a plastic-free campus by discouraging the use of single-use plastics. Alternatives such as reusable water bottles, cloth bags, and biodegradable packaging are encouraged. Awareness campaigns and workshops educate students and staff about the environmental impact of plastic waste and the benefits of reducing plastic consumption.

## **Sustainable Transportation**

### **Encouragement of Carpooling, Cycling, and Public Transport**

To reduce the carbon footprint associated with commuting, DNR College encourages carpooling, cycling, and the use of public transport. Secure bicycle stands are provided and cycling is promoted as a healthy and eco-friendly mode of transport.

### **Pedestrian-Friendly Pathways**

The campus is designed to be pedestrian-friendly, with well-maintained walkways and shaded paths. This encourages walking and reduces the need for motorized transport within the campus. The emphasis on pedestrian pathways also enhances the overall aesthetic and environmental quality of the campus.

## **Collaboration with Local Communities and NGOs**

DNR College actively collaborates with local communities, non-governmental organizations (NGOs), and government agencies on environmental initiatives. These collaborations include joint tree-planting drives, clean-up campaigns, and educational outreach programs. By working together with external stakeholders, the college amplifies its impact and contributes to broader environmental conservation efforts.

## **Organizing Clean-Up Drives and Tree Plantation Events**

The college organizes regular clean-up drives to remove litter from the campus and surrounding areas. These drives engage students, staff, and community members, promoting a culture of cleanliness and environmental stewardship. Tree plantation events are also held periodically, with participants planting and nurturing saplings to enhance the green cover.

The green policies implemented by DNR College Bhimavaram reflect a comprehensive approach to environmental sustainability. By focusing on energy conservation, water management, waste management, green campus initiatives, sustainable transportation, and community engagement, the college is making significant strides towards creating an eco-friendly campus. These initiatives educate and inspire the next generation of environmental stewards. DNR College's commitment to sustainability sets an example for other educational institutions and contributes to the global effort to protect and preserve our planet.

  
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## THIRD SATURDAY VEHICLE FREE DAY POLICY

Implementing a recurring vehicle-free day on the third Saturday of each month at DNR College, Bhimavaram, can be an effective way to promote sustainability and environmental consciousness. Below is a comprehensive outline for planning, implementing, and maintaining this policy:

### Objectives

1. **Environmental Sustainability:** Reduce the college's carbon footprint by minimizing vehicular emissions.
2. **Health and Wellness:** Encourage walking, cycling, and other forms of active transportation.

### Planning and Preparation

1. **Stakeholder Engagement:**

**Administration Approval:** Obtained formal approval from the college administration.

**Student and Staff Involvement:** Student bodies and staff unions are involved in the planning process.

### Implementation Strategy

1. **Communication:**
  - **Advance Notice:** The vehicle-free day will be announced well in advance through notice boards, and WhatsApp groups.
  - **Reminders:** Reminders will be sent a week and a day before each vehicle-free day.
2. **Alternative Transportation:**

- **Cycling and Walking:** Cycling and walking is promoted by ensuring safe pathways and adequate facilities.

## **Execution**

The impact in terms of participation, reduction in emissions, and overall satisfaction will be assessed.

The results with the college community will be shared to build momentum and encourage continued participation.

### **1. Continuous Improvement:**

The policy and its implementation will be reviewed regularly based on feedback and impact assessments.

Strategies and logistics will be adjusted to improve the experience and effectiveness of future vehicle-free days.

By making the vehicle-free day a recurring event, DNR College can continuously promote sustainable practices and foster a strong sense of community among its members.

  
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