



**Dada Ramchand Bakhru
Sindhu Mahavidyalaya
Nagpur**

**Criteria 7 Institutional
Values and Best Practices**

Key Indicator 7.1

**Institutional values & Social
responsibilities**

NAAC Reaccredited



B+ Grade
(3rd cycle)

Affiliation



**Rashtrasant Tukadoji
Maharaj Nagpur University**

National ID



AISHE
All India Survey on Higher Education

<https://www.drbsmvnagpur.ac.in>



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Sindhu Mahavidyalaya
Nagpur**

***Criteria - 7
Institutional Values and Best Practices***

7.1

Institutional Values and Social Responsibilities

7.1.2

The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and non-degradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

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Declaration

This is to declare that the information, reports, true copies and numerical data, etc. furnished in this file as supporting documents are verified and found correct.




Officiating Principal
Dada Ramchand Bakhru
Sindhu Mahavidyalaya, Nagpur-17

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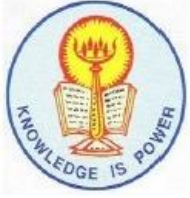
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POLICY DOCUMENT ON THE GREEN CAMPUS/PLASTIC FREE CAMPUS

Our Institute is dedicated to creating a sustainable and environmentally conscious campus for the benefit of current and future generations. By adhering to the principles outlined in this policy, we aim to reduce our ecological footprint, promote environmental stewardship, and inspire positive change within our students and beyond neighborhood community. Our Institute take many initiatives for Green campus and Plastic free campus.

1. RESTRICTED ENTRY OF AUTOMOBILES

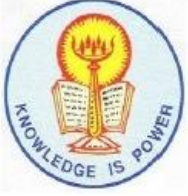
- Encourage the use of alternative modes of transportation such as walking, cycling and public transit by restricting vehicular access to certain areas of the campus. We encourage faculty members and students for use of bicycle and car/two-wheeler pooling.
- Designate specific areas of the campus as car-free zones where only authorized vehicles, such as emergency vehicles and service vehicles are allowed entry.
- Ensure that restriction on automobile access do not hinder accessibility for individuals with disabilities or for medical reasons.
- Encourage students and faculty for the use of combination of cycling or battery - powered vehicle usage with public transport like metro, electric auto, NMC operated e-bus, and carpooling which helps automobile free campus their by enabling environmental free campus.
- By restricting automobile entries and promoting alternative transportation options our institute aims to create a safer, healthier and more sustainable campus environment for all members of the community.

2. USE OF BICYCLES/BATTERY POWERED VEHICLES

- Promote cycling as a sustainable and healthy transportation option through educational campaigns, events.
- Provide information on the environmental benefits, cost savings and health advantages of choosing sustainable transportation options.
- Develop and maintain a separate parking for bicycle across the campus feel safe by bicycle users.
- Organize cycling events engage the campus community and encourage active transportation habits.
- Encourage the use of battery-powered vehicles (e.g., electric scooters, electric car) as eco-friendly alternatives to traditional vehicles.




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3. PEDESTRIAN FRIENDLY PATHWAYS

- By prioritizing pedestrian-friendly pathways, our Institute aims to create a welcoming, accessible and inclusive campus environment that promotes active living, community engagement and sustainable transportation choices.
- Designate pedestrian-friendly pathways throughout the campus, prioritizing safety, accessibility, a comfort for pedestrians.
- Ensure pathways are wide enough to accommodate pedestrian traffic comfortably.
- Ensure that pedestrian with disable friendly pathways are accessible to individuals and disables also.

4. PLASTIC FREE CAMPUS

- By implementing a comprehensive ban on single-use plastics, our Institute demonstrates its commitment to environmental stewardship, waste reduction and the preservation of natural resources for present and future generations.
- Launch educational campaigns and awareness initiative to inform the campus community about the environmental impact of single-use plastics and the importance of the ban.
- Display signages at various prominent places in the campus to bring awareness among the students.
- Organize events to promote sustainable practice and encourage behavior change.
- Encourage the use of reusable alternatives and provide water refill stations for reusable bottles.
- Enforce the plastic ban through regular inspections, monitoring and enforcement measures.

5. LANDSCAPING WITH TREES AND PLANTS

- By prioritizing landscaping with trees and plants, our Institute aims to create a vibrant, sustainable and resilient campus environment that enhances biodiversity, promotes ecological health and enriches the quality of life for all members of the community.
- Incorporate a diverse range of trees and plants species to enhance biodiversity, reduction in CO₂ emission and ecosystem health on campus.
- Plant trees and shrubs create a welcoming environment and improve air quality.




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- Involve the campus community in tree planting initiatives within and outside the campus and volunteer opportunities to foster a sense of ownership, aesthetic value and ambience in campus landscapes.
- Encourage collaboration with local community groups, environmental organizations and government agencies to promote tree planting campaigns and urban greening efforts.

6. ENERGY EFFICIENCY

- Implement energy-saving measures such as LED lighting, sensor light and energy-efficient appliances like fans.
- Encourage the use of public transportation, cycling and carpooling to reduce carbon emissions from commuting.
- Explore renewable energy options such as solar panels to meet campus energy needs.

7. WASTE MANAGEMENT:

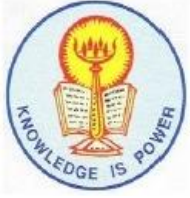
- As college campus generates a significant amount of waste, its management is a major concern to protect the environment, health and well-being. It is ensured through implementation of effective waste management practices such as segregation, recycling and composting.
- For growing consciousness of generating less waste, controlling 'throw away' lifestyle and proper waste management practices, awakening is done through programs, advertisement on notice boards, displaying slogan boards in the campus.
- Gardeners help in segregation of waste. Waste management on college campus ensure compliance with local bodies regulation thereby enable to protect the environment, save money, create educational opportunities and engage the community.

SOLID WASTE MANAGEMENT:

- Waste is collected on a daily basis from various sources and is separated as **dry and wet waste**.
- Color coded bins (green for wet and blue for solid waste) have been installed in the campus for waste segregation.
- Non-biodegradable garbage is collected and handed over to authorized NMC personnel.




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- Waste material like papers, practical's record books etc. are collected and sold out to scrap vendor from time to time.
- Biodegradable solid waste such as garden and kitchen waste is used in the vermi-culture to convert into organic manure in the form of vermi-compost and vermi-wash.

LIQUID WASTE MANAGEMENT:

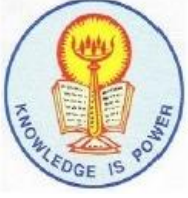
- By implementing liquid (chemicals) management practices, our institute ensures the safe handling, storage, and disposal of chemicals on campus, minimizing risks to personnel, facilities, and the environment.
- The waste chemicals and liquid waste mixed water from laboratory passes through efficiently designed Chemical Waste Management System (CWMS).
- All the Toilet blocks of the campus are connected to sewage line network of the campus. The line is connected to Nagpur Municipal Corporation Main sewage line.

E-WASTE MANAGEMENT

- The latest development of digitalization and the computerized reforms is another way which contributes to the waste in form of e-waste. For the e-waste management College has provision of special e-waste bins at convenient place for exclusive collection of tiny electronic waste and has requested employees and students to drop such electronic wastes in the bins for disposal.
- For proper disposal of e-waste institute has collaboration with 'The Recycling Company (Threco Recycling LLP)' to recycle in an eco-friendly manner.




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8. WATER CONSERVATION

- By implementing comprehensive water conservation measures, including rainwater harvesting and ground water recharge initiatives, our institute demonstrates its commitment to sustainable water management and environmental responsibility within the campus community and beyond.
- Educate the campus community through workshops, educational campaigns, and outreach programs to promote water-saving behaviours and encourage individuals to take actions to conserve water in their daily lives.
- From the view point of harvesting rain water in the institute, proper pipelines are connected with the building roofs to that of ground water recharge pits which is filled with stones and sand. Thus, rain water from the roof is properly channelized in the ground water recharge pits which assist in recharging the open well
- Rain water from the roof top fitted with other pipelines is allowed to percolate in the ground.
- In order to increase the water holding capacity, trees are planted and more area is covered under plantation to recharge underground water reservoir.
- Protect and preserve natural water recharge areas such as open well to maintain hydrological balance and sustain groundwater resources.




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