



MNR COLLEGE OF PHARMACY

{Approved by PCI, New Delhi & Affiliated to Osmania University, Hyderabad}

V: Fasalwadi, Dist.: Sangareddy -502294 (T.S)

Phone: 08455-230690, 08500056663

www.mnrindia.org; email: p.mnrcop@mnrindia.org



POLICY DOCUMENTS ON ENERGY UTILIZATION AND ENVIRONMENT

POLICY OBJECTIVES

To minimize the degradation of soil and water arising due to the use of plastics to a great extent.

POLICY DETAILS

The items banned are listed below:

- Plastic sheet / cling film used for food wrapping
- Plastic coated plates
- Plastic coated paper cups, Plastic tea cups, Plastic tumbler, thermocol cups
- Plastic carry bag of all sizes and thickness, plastic coated carry bags, non woven bags
- Water pouches/packets/bottles

POLICY SCOPE

The Policy will be applicable for all the teaching staff, non -teaching staff, security, students and their parents or guardians.

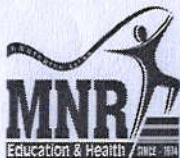
PROCEDURES

- To communicate the policy objectives and action plan staff and students.
- To create awareness of soil degradation and water contamination due to the disposal of plastics.
- To clarify and define the plastics that have to avoided inside or outside the campus.
- To encourage the use of steel water bottles rather than plastic.

OBJECTIVE:

- Be a Socially responsible Institution in promotion of waste management among communities in and around MNR College of Pharmacy towards Refuse, Reduce, Reuse, Repurpose, and Recycle of waste.
- Be a model in Green Practices and transfer technology in green practices for sustainable Practices and Instill best practices among youth.


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- Awareness about waste management, reducing waste, segregation of waste, recycling, water and soil conservation for future generations.
- Promote alternative employment opportunities in Waste management- Plastic, Paper etc.
- Enactment the cleanliness and hygiene campaign towards Zero waste generation.
- Bring out various models in recognizing clean water accessible for all individuals.
- Ensure community intervention in for understanding the importance of keeping the surroundings clean though various viable technologies.

College Initiatives:

- Institution is located in the outskirts area of Hyderabad and believes in maintaining the lush green campus.
- Institution campus have 70% green land with a very good landscaping. The plantation is developed through the recycling of the waste water.
- The institution has planted abundant trees to maintain the carbon dioxide neutrality to the extent possible.
- Students are encouraged to avoid usage of petrol/ diesel vehicles.
- Wastebins are maintained within the campus at prominent places.
- A well planned schedule is adapted for collection of the garbage by appointed outside agencies to maintain the cleanliness of the campus.

Utilization Bio-Gas Plant in The Campus

Bio gas, the naturally formed bio fuel is generated from Organic matter through Anaerobic Digestion. In a way to contribute towards the nation's energy saving plans, the Institution has constructed its own Bio-Gas plant in the campus. The fuel is generated using the Night soil collected from the Hostel and the vegetable waste from the canteen and energy equivalent to 21 Kgs of LPG is saved every month which adds up to 252 LPG gas per year. The gas generated is used for cooking purposes in Boys Hostel and it also helps to recycle the waste to control methane pollution


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MNR Institution and MNR College of Pharmacy believes in "Let's go green and keep our campus clean". The pivotal operations have very less impact on the environment as the institute is very conscious of generating less waste and recycling it by passing it through a system that enables the used material to be reused ensuring that less natural resources are consumed. The environmental policy of the institute is to achieve zero discharge and complete utilization of waste with well-designed strategies to make campus clean, hygienic and healthy.

Energy utilization

Solid waste management:

MNR Institution has designed methods for the management of waste generated in the campus using the basic waste management strategy of 3R's: Reduce, Reuse and Recycle i.e., Reduce the amount of waste generated, Reuse everything to its maximum after proper segregation and cleaning and keeping things which can be Recycled aside and handed over to the municipal agencies.

Solid waste can be categorized into three types: biodegradable, non-biodegradable and hazardous waste. Bio-degradable wastes include food wastes, canteen waste, wastes from toilets etc. Non-biodegradable wastes include plastic, tins and glass bottles etc. Hazardous waste is waste that is likely to be a threat to health or the environment like cleaning chemicals, acids and laboratory chemicals.

The MNR College of Pharmacy ensures proper disposal of waste material in dustbins placed at various locations in the premises. All the waste is disposed in the Sangareddy Municipal corporation. Segregation of biodegradable waste from the canteens, residential quarters and hostels. Campus discourages usages of plastic.

The waste from all around the college is separated daily as wet and dry waste in different bags which are disposed separately. Dry waste includes paper, cardboard, glass tin cans etc. on the other hand; wet waste refers to organic waste such as vegetable peels, left-over food etc. Separation of waste is essential as the amount of waste being generated today causes immense problem. The material was composted and evaluated as a fertilizing material. Disposal of these waste results in the production of good quality organic manure that can be used as soil amendments and source of plant nutrients.


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MNR College of Pharmacy promotes digital platform to reduce the usage of paper for communication and sharing documents. Still the paper wastes from Academic Blocks, Library, Administrative offices, Hostels, Guest Houses are disposed through vendors. The wastes are properly stacked in designated place and later disposed through vendors for proper waste management.

Glass, metals, plastic and other non-biodegradable wastes are segregated and disposed/ recycled according to the nature of the waste. Leaf litter is allowed to decompose systematically over a period of time to be used as manure for the gardens in the institute.

Liquid Waste Management:

Liquid waste management: Liquid waste is generated from Science laboratories, Hostels, Residential quarters and canteen. Liquid wastes generated are of two types: 1. Sewage waste. 2. Laboratory, residential washing and canteen effluent. The liquid wastes are mainly drained to improve the ground level of water.

Biomedical Waste Management:

In the MNR College of Pharmacy faculty uses laboratory animals for their research purpose from where some biomedical waste is produced. The carcass of the animals are stored in the - 20°C and handed over to Dharma & Co Biomedical Waste Management Facility.

Hazardous Waste Management:

Hazardous Waste contagious disease pathogen, patient blood, and radioactive substances are not generated at MNR College of Pharmacy.


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Telangana, Ph: 08455-230690