

Recycling of Water Policy

Introduction:

Water recycling is a crucial component of sustainable water management, enabling the conservation of freshwater resources and reducing the environmental impact of water consumption. P P Savani University (PPSU) recognizes the importance of recycling water to minimize waste and promote resource efficiency. This Recycling of Water Policy outlines PPSU's commitment to implementing effective solid and liquid waste management policies to support water recycling initiatives on campus.

Liquid Waste Management Policy:

PPSU is committed to implementing a robust liquid waste management policy to minimize the generation of liquid waste, prevent water pollution, and promote the recycling and reuse of wastewater within the campus premises. Our Liquid Waste Management Policy includes the following key components, promoted by P P Savani University:

- a. Efficient Sewage Treatment:** PPSU recognizes the crucial role of sewage treatment plants (STPs) in maintaining a clean and healthy campus environment. We actively maintain and optimize our STP infrastructure to efficiently treat wastewater, ensuring the removal of contaminants and pathogens before discharge or reuse.
- b. RO Water for Non-Potable Uses:** PPSU promotes the use of Reverse Osmosis (RO) treated water for non-potable applications within the campus, such as irrigation, flushing, and other industrial processes. By utilizing RO-treated water for these purposes, we reduce the demand for freshwater resources and minimize the environmental impact of water consumption.
- c. Recycling and Reuse Initiatives:** PPSU implements initiatives to recycle and reuse treated wastewater on campus, aligning with our commitment to resource efficiency and environmental sustainability. We invest in infrastructure for water recycling and reuse, such as greywater recycling systems, to minimize water wastage and promote responsible water management practices.



d. Pollution Prevention Measures: PPSU prioritizes pollution prevention measures to safeguard water quality and prevent contamination of water bodies on campus. We implement strict controls to minimize the discharge of harmful substances into wastewater streams, ensuring compliance with regulatory standards and protecting the health of our ecosystem.

e. Education and Awareness: PPSU educates students, faculty, and staff about the importance of liquid waste management and water conservation through awareness campaigns, workshops, and educational programs. By fostering a culture of environmental stewardship, we empower our campus community to actively participate in water recycling and conservation efforts.

Through these promoted activities, P P Savani University demonstrates its commitment to promoting sustainable liquid waste management practices on campus, contributing to the preservation of water resources and the protection of the environment for current and future generations.

Solid Waste Management Policy:

PPSU is committed to implementing a comprehensive solid waste management policy to minimize the generation of waste, promote recycling and reuse, and reduce the environmental impact of solid waste disposal. Our Solid Waste Management Policy includes the following key components:

a. Waste Reduction: PPSU will prioritize waste reduction efforts through source reduction, product redesign, and the promotion of sustainable consumption practices. We will encourage the use of reusable materials, minimize packaging waste, and implement strategies to reduce the generation of solid waste across campus.

b. Recycling Programs: PPSU will establish and promote recycling programs for materials such as paper, cardboard, plastics, glass, and metals. We will provide convenient recycling bins and collection points across campus, educate the university community about recycling practices, and collaborate with waste management partners to ensure the proper processing and recycling of recyclable materials.



c. Composting Initiatives: PPSU will implement composting initiatives to divert organic waste from landfills and produce nutrient-rich compost for landscaping and agricultural use. We will provide composting bins or facilities for food scraps, yard waste, and other organic materials, educate students, faculty, and staff about composting practices, and integrate composting into campus sustainability initiatives.

d. Waste-to-Energy Solutions: PPSU will explore waste-to-energy solutions such as anaerobic digestion or incineration with energy recovery to reduce the volume of solid waste sent to landfills and generate renewable energy. We will evaluate the feasibility of waste-to-energy technologies, consider environmental and social impacts, and implement appropriate waste-to-energy projects in collaboration with relevant stakeholders.

Conclusion:

P P Savani University is committed to implementing effective solid and liquid waste management policies to support water recycling initiatives on campus. By prioritizing waste reduction, promoting recycling and reuse, and implementing pollution prevention measures, we aim to minimize waste generation, conserve water resources, and promote environmental sustainability for the benefit of present and future generations.



Deputy Registrar