Policy No: DMMC/MC/IQAC/P08

1.0 PURPOSE:

The purpose of this policy is to implement alternate sources of energy and various ways of energy conservation

2.0SCOPE:

The Scope of Green campus policy lies throughout the organization.

The focus areas of this policy are:

- Rain water Harvesting and reservoir
- Borewell/Open well recharge
- Construction of tanks and bunds
- Waste water recycling
- Maintenance of water bodies and distribution system in the campus

3.0 RESPONSIBILITY:

Responsibility for implementing this policy rests on every Faculty, Student and Staff of the organization

4.0 DEFENITIONS:

Water Conservation: Water conservation is the practice of using water efficiently to reduce unnecessary water usage

5.0 POLICY PROCEDURES:

5.1 Objectives of the policy

- A sustainable balance between demand, management and reduce waste through accurate accounting of water volume.
- Water conservation education to all the stakeholders.
- Research and implementation of practices that promote efficient use of water.
- Coordination between water planning and other aspects of facility planning and management in association with local government body.

5.2 Initiatives of Dr.Moopen's Medical College

DMMC is working towards making the facilities more and more water sustainable. This has been achieved with the use of water efficient fixtures, waste water treatment technologies and rain water harvesting.

- College is implementing new water efficient fixtures in its new constructions, ensuring 100% treatment and recycling of sewage, and rainwater harvesting.
- Upon realizing that rainwater harvesting is imperative for the future water requirement of the campus, college has set up a rainwater harvesting and reservoir.
- Major part of the rainwater naturally penetrates the soil to filter into the reservoir in the campus. Due to this process, campus has never faced water scarcity in any season.
- College has a Sewage treatment plant (STP) which recycles the sewage to gardening-suitable water. This plant has an equalizer tank with two inlets – one from a biogas plant and another from sullage sources. The slurry from the biogas plant is directly treatable while the other slurry needs further processing. After treatments the two inlets give a comparable quality wastewater and merge together. After subsequent processing, clean water is generated. This processed water is used for watering gardens and cricket grounds.
- Ensuring improvement of the water and water depending natural resources at surrounding areas in the campus.

5.3 Goals and Plans

- Maximize water usage efficiency and minimize wastage of water.
- Promote investment in and maintenance of efficient water infrastructure and green infrastructure in all future development plans.
- Promote appropriate innovative water and wastewater management technologies and services.
- Provide training on the water conservation measures adopted by the college to all the students, staff and other stakeholders of the college and nearby community.
- Ensure awareness about the water conservation policy of the college among all the stakeholders.

- Establish waste water treatment and recycling centres.
- Create awareness about the cost-effectiveness of water conservation projects among students and local community.
- Improve water quality. For example, create awareness about garbage disposals among public
- Recycle non-sewage and greywater for on-site use (such as toilet flushing, landscape irrigation, and more generally, considering the water quality requirements).
- Build relationship between environmental, societal leaders and policy makers to identify obstacles and opportunities to increase the role of conservation and efficiency in making the water supply systems sustainable.
- Community programmes: Organise various outreach programmes under the leadership of Aster Volunteers.
- Encourage research, development and implementation of water conservation techniques in relation to the ecological needs and responses.
- Increase understanding of water and is movement including groundwater and its interaction with surface water, and the effects of climate change on water resources among student and teaching community.
- Inform, educate and increase awareness regarding the importance of water to life, and the need for conservation and efficient use of water.
- Protect the streams, ponds and rivers and the public area surrounding the college.

6.0 REFERENCES:

1. NAAC-Unified Manual For Health Sciences Colleges 09/02/2021
    - Matrix: 7.1.5

2. Manual for 5th Edition NABH Standards

APPROPRIATE APPROVAL

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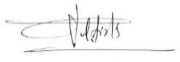
REVIEWED BY:	Maj(Dr.) Nabeel Azeez K	IQAC Coordinator	
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