

Report On SDG 12: Responsible Consumption and Production

Sustainable consumption and production refer to “the use of services and related products, which respond to basic needs and bring a better quality of life while minimizing the use of natural resources and toxic materials as well as the emissions of waste and pollutants over the life cycle of the service or product so as not to jeopardize the needs of future generations.”

Amity University Madhya Pradesh is committed to ensure sustainable consumption and production patterns. Responsible consumption and production is about promoting efficient use of natural resources, energy efficiency and sustainable infrastructure. To achieve the goal Amity University Madhya Pradesh is trying from the beginning to minimizing the use of natural resources and toxic materials as well as the emission of waste and pollutants over the life cycle of the service or product so as not to endanger the needs of future generations.

Amity University Madhya Pradesh Waste Management Program covers all areas of the university to protect people and places. In continuation of the “Waste not, want not policy “the university has well designed Solid and Liquid waste management system.

“University adopted the Goodbye plastic, hello compostable cups policy” Dining facilities at the university use compostable cutlery, coffee cups, paper straws and take-out containers. Products are clearly labelled as compostable to encourage users to dispose of them in organic waste bins across campus. Also, disposable napkins used at campus facilities are made from 100-per-cent post-consumer recycled paper and are fully compostable.

SOLID WASTE MANAGEMENT

1 Amity University Madhya Pradesh was established in the year 2011 in 102 Acre of land. Presently it has three academic blocks, four hostels (one is under construction) and other ancillaries. The University has approximate strength of 3000 members (student, faculties and other staff).

2 Solid waste is generated by all the staff, students and visitors who visit the campus regularly. This waste is generated in the form of packing materials, unserviceable/retrieved maintenance items, stationeries paper, food items and dry leaves fallen from trees on the roads/parking.

3 The stationeries paper waste and other food items is collected in the waste bins (both degradable and non-degradable) installed in the academic blocks in sufficient numbers. The waste generated in the academic blocks is transported to the central waste rooms and further segregated into sellable and other unusable. And finally, both the sellable and unused waste are lifted by the local vendor for which he pays monthly charges.

4 The waste retrieved from maintenance items are sold quarterly/half yearly to the local vendor by Board of Staff ordered by Dir Admin.

5 And dry leaves falling on the roads/parking, is collected by housekeeping staff and transported to the compost pits available in the campus wherein it is dumped into the pits for making compost naturally.

LIQUID WASTE MANAGEMENT

1 Amity University Madhya Pradesh was established in the year 2011 in 102 Acre of land. Presently it has three academic blocks, four hostels (one is under construction) and other ancillaries. The University has approximate strength of 3000 members (Student, faculties, and other staff).

2 Liquid waste is generated by all the staff, students and visitors visiting the campus regularly. This waste is generated in the form of sewerage and wastewater from toilets and cafeterias. This liquid is channelized to manhole's installed outside the blocks and further transported to the collection chambers and further lifted/raised through sewage pumps to the STPs installed in the campus.

3 02 STPs of capacity 2.1 LLPD and 1.6 LLPD are installed for taking care of liquid waste generated in the campus. This waste is further treated with various processes at STPs and finally treated water is used in toilets for flushing (in hostels) and for horticulture purposes.

WASTE RECYCLING SYSTEM

1 Amity University Madhya Pradesh was established in the year 2011 in 102 Acre of land. Presently it has three academic blocks, four hostels (one is under construction) and other ancillaries. The University has approximate strength of 3000 members (Student, faculties, and other staff).

2 Liquid waste generated in academic blocks and hostels transported to STPs through sewerage pipeline. And this waste is further treated with various processes at STPs, and finally treated/recycled water is used in toilets for flushing (in hostels) and for horticulture purposes.

3 The dry leaves/cutting waste obtained from hedge cutting/ tree trimming are further recycled/converted into compost naturally. And this compost is utilized in Campus horticulture.

Energy Management

The University has installed Solar Power Plant 307kw capacity. So as to save energy, this is likely to be enhanced further.

Clean and Green Campus Recognition

1.The University has participated in Inter University Swachchh Bharat Abhiyan competition twice in year 2017 and in year 2018.

2. The effort was appreciated by the Inspecting Team to make clean and green environment in a short duration.

Land Scape Environment.

The University has maintained the existing and added to the Land scape Environment of the Campus. The layout of the land has not been disturbed and existing hill features have been used for layout of the entire Campus. This has made the campus layout beautiful and has been appreciated by all dignities and visitors visiting the campus.

Transportation

We run a regular fleet of buses on need basis to provide facilities to the students to reach the campus with comfort and safety.

Water Quality

Water quality is enhanced by using soft water plant of ION Exchange of capacity 30 Kl and ROs of 50 liter in 24 Nos reinstalled in the Campus to provide potable water.