



AMITY UNIVERSITY

MADHYA PRADESH

Established vide Government of Madhya Pradesh Act No. 27 of 2010

Governance & Policy

Sustainability Strategy & Leadership

Amity University has implemented formal environmental and sustainability policies that integrate sustainability into institutional planning and operations. The university's Research Centre for Environmental Sustainability supports interdisciplinary research and sustainable practices and collaborates across academic departments.

The following components taken care while formulating university sustainability initiatives.

- Green Governance
- Campus Sustainability
- Climate Action
- Curriculum Integration
- Student Involvement
- Research for Impact
- Community Engagement
- Social Responsibility
- Global Collaboration

Disclosures & Policies

Though specific public sustainability reports for the Gwalior campus are limited online, related Amity campuses have sustainability-climate differential policies that outline water, waste, and energy management practices, demonstrating a structured governance approach to eco-management. Yearly executed Green Audit, Environmental Audit and Energy Audit highlights key initiatives taken by the university towards sustainability strategies and policies within the campus.

Key Highlights:

- Institutional sustainability policy guidance
- Leadership involvement in sustainability research and SDG alignment
- Active sustainability centre driving strategy and curriculum integration

Environmental Sustainability Initiatives

- **Carbon Reduction**

As per 2024 data, total carbon Emission through Scope 1,2,3 = 2384.37 Tonnes CO₂e; Carbon Sequestration from trees = 358.93 Tonnes of CO₂e and Carbon avoidance through Solar Power = 273.40 Tonnes of CO₂e; Hence total carbon mitigation = 631.40 tonnes of CO₂e.

- **Establishment of Centre of Excellence**

Centre Of Excellence for Environmental Conservation & Biodiversity continuously undertaking 2 funded research projects; Quality publications of more than 10 Books, 50 Research Papers, in house Newsletters, IPR activities, Filing Patents, Registering Copyrights; Enhancing awareness through various activities.

- **Community Outreach on Environmental Sustainability**

Through eco-club, science club, NSS, NCC, Jal Shakti Team by organizing more than 10 events, 5 workshops, 2 health camps, awareness campaigns.

College Sustainability Initiatives

- Total Scope 1 & 2 emissions in tCO₂e

2384.37 Tonnes

- Amount of energy generated in campus through renewable sources

412836 KWh Solar Energy

- Institution's water consumption.

Water Consumption 1,09,500 KL or 1,09,500 m³

- Institution's energy consumption for the previous reporting year.

96465 KWh/year

Water Management

The University is presently dependent on Borewells, which are presently 10 in numbers. The water is hard with an average prevailing TDS of 1800 therefore soft water plant with capacity of 30 KL of ION EXCHANGE is installed in the Campus to improve the quality of water. In addition, for drinking water 24 Nos of 50 litre capacity RO are fitted in the entire campus. They are regularly maintained under AMC. Water supply from Nagar Nigam, Gwalior with overall cost for Rs 67 lakh has been installed in the University. Total water consumption in 2023-24 is

1,09, 500 KL. Water is used for drinking purposes, toilets and gardening. There is no loss of water neither by any leakages, nor by overflow of water from overhead tanks.

Waste Management

The university has segregated waste into three parts:

- Solid Waste
- Liquid Waste
- e-Waste

Solid Waste: The waste is segregated at each level and source. The administrative supervisor in each block ensures that the waste in each floor is collected at designated time intervals. The block cleaning workers on each floor collect, clean, segregate and compile the waste in the dustbins (Green and Blue) provided at each floor. The floor dustbins are emptied in movable containers/dustbins provided for each block and are taken to the dumping yard provided by the University. The University has contacted an authorized vendor who collects the waste from the designated place, segregates, recycles and dispose off them at the landfills authorized by the government.

Liquid Waste: Liquid waste generated by the university are of two types:

1. Sewage waste
2. Laboratory, Laundry and cafeteria effluent waste

The above waste is treated through Sewage Treatment Plants (STPs) and Effluent Treatment Plants (ETPs) and the water is used for horticulture and flushing in toilets.

e-Waste Management: Flip flops, memory chips, motherboard, compact discs, cartridges etc. generated by electronic equipment such as Computers, Radio, TV, Phones, Printers, Fax and Photocopy machines are recycled properly. Instead of buying a new machine the buyback option is taken for technological upgradation. The e-waste generated from hardware which cannot be reused or recycled is being disposed off centrally through government authorized vendors. This indicator addresses waste production and disposal of different wastes like paper, food, plastic, biodegradable, construction, glass, dust etc. and recycling.

Eco-Club at the Campus

Eco-club of Amity University Madhya Pradesh, Gwalior has been constituted for spreading awareness among students, for generating knowledge about the environment and towards

making clean and green campus. Eco-club is continuously organising World Environment Day, tree plantation, educational tour, special lectures and awareness programmes every year.

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Green Area Management

This includes the plants, greenery and sustainability of the campus to ensure that the buildings conform to green standards. This also helps in ensuring that the Environmental Policy is enacted, enforced and reviewed using various environmental awareness programmes. The University has installed Solar Power Plant 307 K.Watt capacity. To save energy.

Future Plans for Enhancing Sustainability in Campus

- **Net Zero Commitment**
- **Curriculum 100% in alignment with SDGs**
- **Effective Waste Management**
 - Implementation and utilization of different trash bins for organic and inorganic waste.
 - Processing organic waste (dry leaves, food waste) into fertilizer products.
 - A campaign to reduce the use of single-use plastic in the campus environment.
 - More STPs can be initiated inside the campus.
- **Use of Renewable Energy**
 - Installing more and more solar panels as an alternative energy source (lights, charging stations, cafeteria, sports arena, hostel area, parking area).
 - Implementing an energy-efficient LED lighting system.
 - Implementing green building technology to reduce electricity consumption.
- **Water Conservation**
 - Utilizing more efficient rainwater recycling system for toilet water and plant watering needs through new installations and upgrading existing facilities.
 - Water saving campaign in toilets and spreading awareness amongst all stakeholders.
 - Installing water-saving taps throughout campus buildings.
- **Tree Plantation & Green Area Development**
 - Holding tree planting activities every year on various occasions like earth day, environment day, forestry day.
 - Expanding green open spaces in the campus area, enhancing more landscaping.

- Maintaining campus gardens as a place for learning and conservation.
- Implementation of QR code system in plants/trees in the campus. This technology enhances tree identification, promotes environmental awareness, and facilitates botanical research.

➤ **Environmentally Friendly Transportation**

- Promotion of campus bicycles for mobility within campus.
- Promotion of the use of electric vehicles.
- Providing special parking facilities for bicycles and electric vehicles.