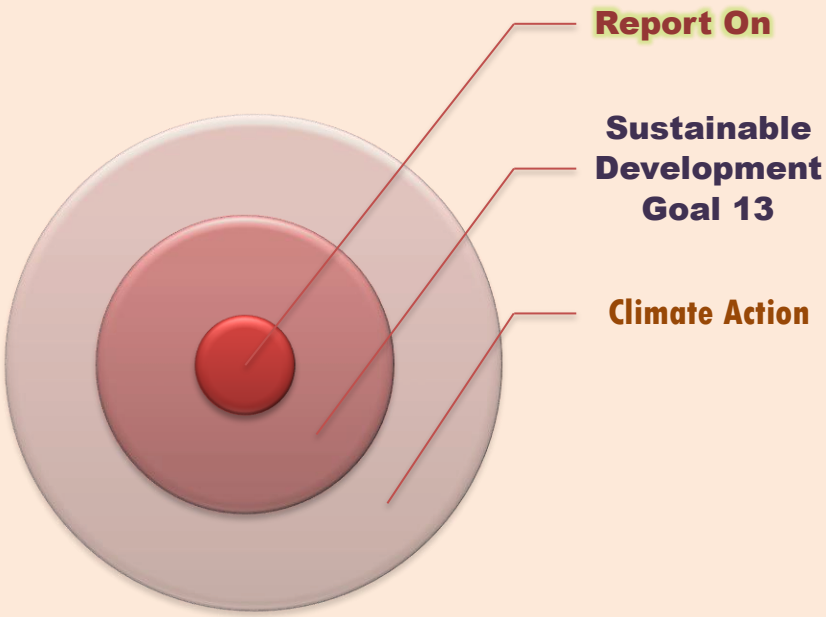
AMITY UNIVERSITY MADHYA PRADESH
Best Private University of Madhya Pradesh
Gwalior (M.P.)



Climate Action

The main task is to take urgent action to combat Climate change and its impacts. The climate change has resulted in warmest decade, forest fires, droughts, floods, changed weather patterns, droughts, floods, changing sea levels and several other climate disasters affecting agriculture, food security, economy and lives of people all over the world. Thus, there is need for higher education institutions (HEIs) to combat climate change by creating awareness, imparting education, action-oriented research and policy initiatives. In this context, the Amity University Madhya Pradesh has taken a number of steps to combat climate change and its impact by a number of measures like utilizing renewable energy sources, practices for developing appropriate drought resistant plant varieties.

Amity University Madhya Pradesh taken urgent action to combat climate change and its impacts by Plantation of more than 15000 trees in the campus.

University has established a **Centre of Excellence for Environmental Conservation & Biodiversity:** Centre of Excellence for Environmental Conservation & Biodiversity was established in the year 2017 at AUMP, Gwalior. The Centre is undertaking R & D activities in the field of environmental conservation and biodiversity analysis.

The Centre is involved in the following efforts:

- Undertaking funded projects from Government agencies and industry.

- Development of eco-friendly techniques and products.
- Assessment and conservation of biodiversity of the state

OBJECTIVES

- Monitoring of Environmental Pollution and Development of Alternatives Measures.
- Identification and Investigations of Harmful Synthetic Compounds in Environment and Remedial Measures
- Assessment and Conservation of Biodiversity.
- Eco-friendly Product Development

Following projects are going on in Centre of Excellence Environmental onservation & Biodiversity

S. No.	Project	Total Amount
1.	Study on Phyto-diversity In-vectorization and Phytosociology of Kuno Palpur sanctuary of Northwestern Madhya Pradesh	Rs. 10 Lakhs MP Biodiversity Board 3 years

PLANTATION OF MEDICINAL PLANTS .

The University has participated in Inter University Swachchh Bharat Abhiyan competition twice in year 2017 and in year 2018. The effort was appreciated by the Inspecting Team for making clean and green environment in a short duration. The University has maintained the existing and added to the Land scape Environment of the Campus.

The borewells dug in the campus have not enough ground water to yield water continuously. Half numbers of the borewells dry up during continuous pumping. To recharge these existing borewells and to restrict the out-flow of rainwater Amity University arranged to construct 10 Nos of Water Harvesting Pits of capacity 30,000 ltrs at various location (Water Catchment Area) to conserve rainwater. These pits have been provided enough filter media to restrict the mud/silt during rains.

The above has brought sea change in saving of rainwater and has thus improved the water level, of our borewells which helps us in meeting our water requirement in peak summers.

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

Other campus-wide initiatives:

- Energy-efficient appliances.

• Solar water heaters and a solar power plant with a capacity of 307 kw are installed to transition from complete captive power generation to solar power.

- University buildings are IGBC and LEED certified, and measures are taken to increase energy efficiency by installing solar panels and energy efficient lighting

• Review, analysis, and refurbishment of laboratories for the safety of operations and environmental conservation Travel less and wisely.

• Students and most of our faculty stay on campus. A well-planned transport system is in place for those who travel to work and for weekly needs.

• Within the campus, students and staff prefer to walk to commute.

• We are committed to transitioning 50% of the car fleet to electric vehicles. The University currently has 60% CNG, 30% petrol, and 10% diesel car.