



AMITY UNIVERSITY

MADHYA PRADESH



Climate Action-

Climate change is a major challenge for the entire earth. The effects of the same are already seen in various forms and may be very dangerous unless right steps are taken. The major task is to take urgent action to tackle adverse impacts of the Climate change. Climate change has produced warmest decade, wildfires, 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. This situation calls for dealing with the adverse effects of climatic change on the part of higher education institutions (HEIs) through the mechanism of creating awareness, imparting education, action-oriented research and policy initiatives. Accordingly, the Amity University Madhya Pradesh has taken certain significant steps to combat climate change and its adverse impact through several measures like utilizing renewable energy sources, practices for developing appropriate drought resistant plant varieties. These measures are in consonance with the goals of achieving sustainable development set by UNO

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

The 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 campus. The Centre undertakes R & D activities in the field of environmental conservation and biodiversity analysis.

The Centre is actively 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 Sustainable Measures.**
- **Identification and Investigations of Harmful Synthetic Compounds in Environment and Remedial Measures**
- **Assessment and Conservation of Biodiversity.**
- **Eco-friendly Product Development**

RECENT EVENTS On Climate Change

On 15th of August 2025 A Tree Plantation Drive behind Block B at “Amrut Vatika” under the “Vasudha Ka Vandan” scheme, part of the “Meri Matti Mera Desh” Campaign:

A Tree Plantation Campaign drive was initiated under the able Guidance of our honorable Pro Chancellor Shri VK Sharma, AVSM, Lieutenant General (Ret.). All academic heads, academic and other staff members participated in this event. Students from different schools of the university joined in this event.

NSS Volunteers also facilitated everyone in this event. After the drive Honorable Chancellor Sir and other dignitaries appreciated the role of this drive in combating the challenges of Climate Change. The purpose of this deliberation was to make all the people aware about the importance of plantation in mitigating the adverse impact of Climate Change.

(<https://www.amity.edu/gwalior/aib/event-detail-normal.aspx?mpgid=1731&pgidtrail=1732&typeld=2&EventsId=13172>)



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Other campus-wide initiatives:

Amity University has been participating in other activities related to climate change which are administered across the campus.

- Energy-efficient appliances are installed in sufficient number.
- 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% car fleet to electric vehicles. The University currently has 60% CNG, 30% petrol, and 10% diesel cars.

. School wise activities are promoted with the active participation of students to spread awareness about the impact of climate change and ways to tackle it.

Students are required to refrain from the use of plastic made items including cover file of assignments.

In continuity to these efforts A **National Conference on Technological Innovations & Environmental Sustainability (NCTIES 2023)** was organized by Amity School of Life Sciences at the Auditorium of block B on 24th November 2023. This conference inter alia discussed various ways and means to tackle the adverse impact of climatic change on flora and fauna. Many research papers were presented on this theme. Experts across the country shared their knowledge on the role of technological innovations and their contributions in ensuring environmental Sustainability which automatically mitigate the adverse effects of climate change. Not only did the academicians across the country actively participate in the conference but also a significant number of students also remained active participants in the conference. These students learnt the importance of technological innovations in ensuring sustainable development and combating the adverse effects of climate change on the environment. Thus, the conference was a big success in achieving the goals of highlighting the significance of achieving sustainable development with the use of technological innovations. The university aims to organize such conferences and seminars in future years also.