



**Dr. Bhimrao Ambedkar University Agra**

**Paliwal Park Agra -282004**

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## **SDG – 15: Life on Land**

**(Protecting, Restoring and Promoting Sustainable Terrestrial Ecosystems)**

# **15 LIFE ON LAND**





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Dr. Bhimrao Ambedkar University, Agra recognizes the vital importance of conserving land resources and biodiversity as essential components of environmental sustainability and intergenerational responsibility. The University has adopted a holistic approach integrating plantation drives, biodiversity conservation, environmental education, and sustainable campus development to align with SDG-15.

The University actively promotes afforestation and green campus initiatives. Large-scale plantation drives have been conducted at the Paliwal and Khandari campuses under the leadership of the Hon'ble Vice-Chancellor and university officials

These initiatives aim to increase green cover, improve air quality, and enhance ecological balance within the campus. Regular plantation programs are organized on occasions such as World Environment Day and Van Mahotsav, involving students, faculty members, and administrative staff, thereby fostering collective environmental responsibility.



**Plantation in Paliwal campus was carried out by Vice-Chancellor Prof. Ashok Mittal, Registrar Anjani Mishra, along with Prof. B.D. Shukla and Prof. Lavkush Mishra.**



To strengthen biodiversity conservation, the University has developed thematic green spaces such as the ‘Panchvati Vatika’ at the Khandari Campus. This dedicated green zone promotes indigenous plant species and traditional ecological knowledge. Such initiatives help preserve native flora and create micro-habitats that support birds, butterflies, and small fauna, contributing to campus biodiversity.



**‘Panchvati’ Vatika at Khandari Campus**

The University also encourages sustainable food systems and experiential environmental learning through the development of a kitchen garden, where students cultivate vegetative plants and herbs. This initiative promotes awareness about organic farming, soil conservation, and sustainable agriculture practices. By engaging students



directly in cultivation activities, the University fosters environmental stewardship and practical understanding of ecosystem management.



**Students are cultivating a variety of vegetative plants and herbs in the kitchen garden**

In addition to plantation and cultivation efforts, the University promotes innovative reforestation techniques such as the preparation and dispersal of seed balls. Students actively participate in making seed balls containing indigenous species like Neem, Moringa, Jamun, Amla, Gulmohar, and other native trees, thereby contributing to reforestation and restoration of degraded land areas. These activities demonstrate community engagement and practical implementation of SDG-15 targets.



**Reforestation efforts of Students by making Seedballs to Save Environment**

Tree plantation drives conducted during World Environment Day further reinforce the University's commitment to increasing green cover and promoting ecological awareness. These events serve as platforms for sensitizing students and staff about land degradation, biodiversity loss, and the urgent need for environmental conservation.



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**Students and faculty members are planting trees to mark the occasion of World Environment Day**

Beyond plantation activities, the University integrates environmental sustainability into its academic framework. Environmental Studies and related courses address issues such as land degradation, waste management, soil pollution prevention, and biodiversity conservation, thereby aligning teaching, research, and outreach with SDG-15 principles. The institution also promotes waste reduction, composting of biodegradable waste, and eco-friendly campus practices that reduce pressure on land resources.

Through its environmental policies, campus biodiversity initiatives, student participation programs, and sustainable land management practices, Dr. Bhimrao Ambedkar University, Agra demonstrates a strong institutional commitment to the conservation of terrestrial ecosystems. The University's continued efforts toward afforestation, indigenous species conservation, sustainable agriculture practices, and environmental education significantly contribute to the achievement of Sustainable Development Goal 15 – Life on Land.