

Green initiatives

Spread in 380 acres of land of BU is committed to achieve greenery across the entire campus. More than 100 varieties of rare plants having aesthetic and medicinal properties can be seen in the lush green campus of BU. To sustain and maintain the green cover Plantation drive is carried out at periodic intervals. The University is making all attempts to make the campus plastic free. Furthermore, there are 15 earthen ponds in the campus for retaining rain water for about three to nine months. In the same continuation a model of roof top harvesting system has been installed in the department of Zoology and Applied Aquaculture. Conservation of endangered flora and fauna like *Flucortia Indica* and *Gmlina Arborea* is attempted by the university. For reducing water footprints attempt is made to print the documents on both side of the paper. All the important circulars and information are made available on e mail to reduce paper wastage. Recently, on the initiative of Alumni of Microbiology department at a pilot scale a vermi-composting unit of two tons capacity has been started. Biodegradable waste is collected from the household and disposed here for vermicomposting.

Medicinal Plants in BU Campus:

BU Campus is very rich in its floral and faunal biodiversity. About 80 species of trees and more than 75 species of seasonal and perennial herbs have been documented from the campus. Most of them are of medicinal importance and need proper documentation and protection in the campus.

- **CHARAK VANAUSHADHI UDYAN**
- Recently, WHO (World Health Organization) estimated that 80 percent of people worldwide rely on herbal medicines for some aspect of their primary health care needs. According to WHO, around 21,000 plant species have the potential for being used as medicinal plants.
- **Medicinal Plants in BU Campus:**
- BU Campus is very rich in its floral and faunal biodiversity. About 80 species of trees and more than 75 species of seasonal and perennial herbs have been documented from the campus. Most of them are of medicinal importance and need proper documentation and protection in the campus.
- **CHARAK VANAUSHADHI UDYAN**
- In order to fulfil these objectives a repository has been established in the campus named after **Charak**, a famous ancient sage who is known for his wisdom of ancient health systems. The repository has been planted with 26 species of medicinal plants which have been well documented and used for various diseases. An area of about 5 acres has been designated for this purpose. More species are to be planted in this *Udyan* in next phase.

- This repository will be used for research and studies in the area. This will be demonstrated under the State Biodiversity Board activity and also can be nominated in the British Botanical garden.
- **Need of a Plant Repository in the campus:**
- BU, being the leading education institution, is contributing to the conservation of floral and faunal biodiversity. It has been in many subjects as a part of syllabus in the campus and affiliated colleges. Although, plants are spread over in the entire campus, it is essential to establish a repository of the medicinal plants in the campus covering the following aspects:
 1. Medicinal flora of the campus.
 2. Important Medicinal plants of MP
 3. Rare, Endangered and Threatened Plants of MP
 4. Herbs used in Kitchen (Culinary herbs)





GREEN CAMPUS INITIATIVES

Green campus initiatives include

1. Restricted entry of automobiles
2. Pedestrian Friendly pathways
3. Ban on use of Plastic
4. Landscaping with trees and plants

Pledge taken by faculty, staff and students to reduce the use following items-

1. Plastic folders,
2. Single use disposable folders, to recycle paper waste.
3. Campaign has been started in the Women's Studies Department of " Carry Your Own Bottle, " Carry your own Bag",
4. Use of eco-friendly material and ink for preparation of banners.
5. Cleanliness drive and Plantation done in various Departments through contribution of Faculty and staff on 2 nd October , 2022 in continuation of the campaign "Hariyali Mahotsav- Ek Abhiyan Dharti ke Shringar ka"

Restricted Entry of Automobiles Landscaping with tree and Plants

Pedestrian Friendly Pathways

Ban on the Use of Plastic

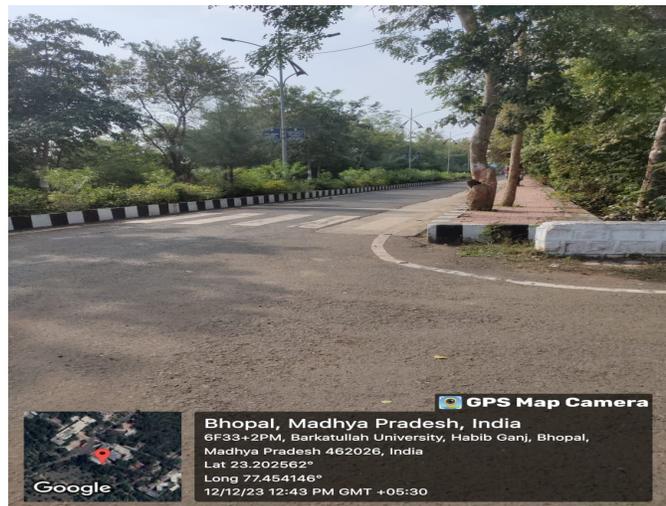
Restricted entry of automobiles



landscaping with trees and plants



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