

## ECOPARK (Waste to Wonder Park)

Lakshmibai College  
University of Delhi

The objective of the **Ecopark (Waste to Wonder Park)** is to spread awareness about waste management in a creative way. The theme of the park is “**Natural Ecosystems**”. The ecopark serves the dual purpose of educating students about our natural systems and creative management of waste materials. The natural ecosystems are depicted using the waste materials creatively. The flora & fauna of the respective ecosystems is represented using the waste materials only.

### Action and achievements

- *Fencing*- Sticks from old maps were used for fencing. Waste electric wires were used as colorful weaving wires.
- *Eco Bricks* - Seating corner with center table and benches were beautifully made using Eco bricks and waste stone slabs. Eco Bricks were made from waste pet bottles and waste filling generated from construction-demolition activities in the campus itself.
- *Landscaping* - Floor preparation for the walk path of the park was done using waste stone slabs of the campus. Some natural seasonal flowering plants along with the perennial plants have been planted to beautify the park.
- *Representation of Natural Ecosystems using waste materials-*
  1. **Desert Ecosystem:** A dead tree trunk painted with different pictures of desert flora and fauna and surrounded with animal models and live desert plants depicted a beautiful desert ecosystem very well.
  2. **Grassland ecosystem:** makes a complete picture with natural grasses of the lawn with different herbs, shrubs and trees already present in the park area along with some artificial lianas, planters and plants added.
  3. **Aquatic ecosystem:** Aquatic ecosystem is represented by a flower shaped artificial pond made with the waste tyres and waste concrete materials. Aquatic plants & animals (fishes, turtles & duck) were made from plastic waste.

## Glimpses of the process of Ecopark development



Left to right (1) pictures of wire processing for fencing, (2) Ecobrick preparation; (3) Fencing (4) Bird nests from waste electric wires (5) Flower (6) Dragonfly (7) Camel and rabbit for desert ecosystem (8) Painted dead tree trunk.