

1537/2022  
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## Green Campus and Sustainability Policy (GC&SP)

### Preamble

Panjab University, Chandigarh endeavors to adopt and implement eco-friendly and sustainable measures to protect the environment and keep its campus clean and green. The university envisions taking lead in setting goals by instilling environmental regulations and ethics among its stakeholders. The green policy enables the university to spread environmental awareness and remedial measures into its everyday activities and realize its responsibilities and commitment to conservation of natural resources. The policy enables future environmental management and achieving conservation goals.

### Objectives

Panjab University envisions to have a Clean, Green and Sustainable Campus by:

- ❖ Implementing and managing green and sustainable practices in day to day activities on the campus.
- ❖ Sensitizing its stakeholders (students, faculty and staff) towards a Clean, Green and Sustainable Environment.
- ❖ Annual audit of Energy and Environmental aspects.
- ❖ Optimizing the use of water and energy sources by utilizing renewable sources of energy and reducing conventional sources of energy.
- ❖ Adopting regulations and standard practices to protect the environment and biodiversity.
- ❖ Reducing especially single-use plastic in campus.
- ❖ Utilizing plantation waste efficiently and optimizing solid waste management.
- ❖ Popularizing public transport and use of bicycles for students and staff.

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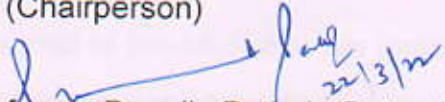
## Future Initiatives under Green Campus and Sustainability Policy

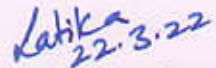
- ❖ Regular plantation and cleanliness drives.
- ❖ Development of more green belts.
- ❖ Installation of two bin system for wet & dry waste at all departments/centers and hazardous waste bin at selected sites only.
- ❖ Achieving zero waste generation and valorization of waste.
- ❖ Installation of Bio-gas plant at South Campus.
- ❖ Adoption of eco-friendly transportation policy for students, faculty and staff to promote:
  - Bicycles at the campus
  - E-Rickshaws and Electric Vehicles
  - Solar Powered Vehicles
  - Celebration of World Car Free Day on 22<sup>nd</sup> September every year
- ❖ Development of vertical gardens in campus.
- ❖ Generating and promoting low cost energy efficient systems, i.e. energy efficient light automation devices, installation of LED lights in the campus and hostels, street lights based on solar systems and roof top solar systems.
- ❖ Installation of Electric Charging Stations for Electric Vehicles.

Committee members:

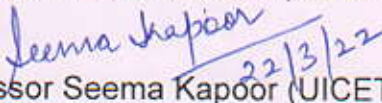
  
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Professor Yojna Rawat (USOL)  
(Chairperson)

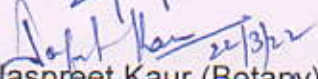
  
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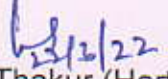
  
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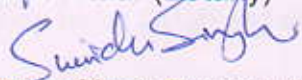
  
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Professor Latika Sharma (Education)

  
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Professor Kirandeep Singh (Education)

  
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Professor Seema Kapoor (UICET)

  
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Dr. Jaspreet Kaur (Botany)

  
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Mr. Anil Thakur (Horticulture)

  
Dr. Surinder Singh Bhinder (UICET)  
(Convener)

## Green Initiatives and Sustainable Practices on the Campus

Panjab University has adopted various practices over the years to create its lush green, eco-friendly and environmentally sustainable campuses (total area of 550 acres) including Sector-14 (Main Campus) and Sector-25 (South Campus) by:

- ❖ Coordinated annual plantation drives and NSS camps to promote green cover on the campus.
- ❖ Landscaping and beautification of the campus.
- ❖ Organization of Flower Exhibitions to promote floristic diversity.
- ❖ Management of plantation waste along with solid, liquid and plastic wastes.
- ❖ Celebration of World Environment Day on 5<sup>th</sup> June every year.
- ❖ Upkeep and expansion of flower gardens, herbal gardens and palm gardens.
- ❖ Swachh Bharat Committees at department levels for regular cleanliness drives.
- ❖ Adoption of E-Waste Management Rules.

In light of above, the university has following amenities:

- ❖ Prof. R. C. Paul Rose Garden
- ❖ Prof. G. P. Sharma Herbal Park
- ❖ P. N. Mehra Botanical Garden
- ❖ Palm Garden, Mini Rose Garden and "Fun and Frolic World" Park
- ❖ Bougainvillea Park
- ❖ Vermicomposting facility
- ❖ E-loaders to manage solid waste and plantation waste
- ❖ Annual plantations of trees, shrubs and herbs
- ❖ Disposal of Bio-Medical waste (outsourced)
- ❖ Tertiary water for irrigation
- ❖ Bio-gas plant for handling kitchen waste of hostels
- ❖ In-house manure generation from fallen leaves.
- ❖ Nursery to propagate plant and flower saplings
- ❖ Air Quality Index (AQI) and air pollution monitoring station at South Campus

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