



# Guru Gobind Singh Indraprastha University

Sector 16-C, Dwarka, New Delhi- 110078 Website: [www.ipu.ac.in](http://www.ipu.ac.in)

## ENVIRONMENTAL SUSTAINABILITY POLICY

### 1.0 Preamble:

Foremost among the challenges confronting the world today which calls for immediate and concerted action by all the nations through global partnerships are the impending consequences that may arise due to global warming, climate change and environmental degradation. Universities discharging their essential functions of knowledge creation and dissemination can and must play a vital role in sensitizing the students, staff, faculty and communities regarding the future challenges and create awareness necessary for attaining sustainable development goals aimed at peace and prosperity for all the people and the planet, now and into future. Guru Gobind Singh Indraprastha University recognizes such role as articulated in its vision and mission statements and in pursuance of the same is committed to the objectives stated as under. The revised policy will be referred to as '**Environmental Sustainability Policy 2020**'.


### 2.0 Policy Objectives

- To ensure that resources are put to optimum use while minimizing the environmental impact of their use.
- To adapt and follow conservation practices consistent with national and international environmental standards.
- To commit itself that the resources are appropriately reduced, reused, recycled
- To ensure that waste generated is segregated and disposed-off in an appropriate manner consistent with norms of environmental safety and sustainability.
- To create awareness and sensitization regarding environmental issues on a regular basis among all the internal stakeholders and the communities outside and educate them through various curricular and co-curricular activities for capacity building and adherence to sustainable practices.

### 3.0 Policy Statements

#### 3.1 Energy Conservation

- All the buildings will be designed/modified in conformity with the green building norms with reduced carbon foot prints
- All construction related activities will be carried out while strictly adhering to the norms of pollution control
- All the academic and administrative work spaces will be having natural ventilation and sunlight so that the energy required for lighting and maintaining ambient temperatures is minimized

  
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- d) Use of renewable sources of energy viz; solar energy, wind power etc. will be increased to reducing greater reliance and use of non-renewable sources of energy.
- e) Energy efficient LED bulbs will be extensively used for lighting by replacing CFL and incandescent bulbs.
- f) Sensor based systems will be deployed judiciously for eliminating unwanted and unnecessary consumption of energy and water at appropriate places.
- g) All energy consuming equipment's will be procured having due regard to their energy efficiency ratings in order to reduce the overall costs of operation during their product life.
- h) To adequately display and communicate the objectives across university through banners, posters and other signages.

### **3.2 Eco-friendly Vehicles**

- a) Motor vehicles movement into campus will be regulated and entry of vehicles into academic areas beyond the peripheral roads and earmarked parking areas shall be prohibited.
- b) Campus area will be notified as 'No Horn Zone' with speed limits and the same will be indicated using signages along with other traffic safety measures to ensure pedestrian friendly motor vehicle movement.
- c) Use of eco-friendly vehicles like battery operated vehicles and bicycles will be promoted and students will be encouraged to organize and participate in awareness campaigns by concerned governmental and non-governmental bodies/agencies.
- d) Staff and students will be encouraged to use public transport/pooling facilities and to facilitate the same last mile connectivity issues be addressed by arranging transport facility from nearest public transport stations.
- e) University campus to be transformed into a 'No Smoking zone'.
- f) Celebration of environment day and Earth day.

### **3.3 Water use and Conservation**

- a) Rain water harvesting system will be developed and maintained so that ground water level is maintained through water recharging.
- b) All water bodies including natural ponds, open wells and water reservoirs built shall be periodically desilted and adjoining areas should be maintained free from any pollution and contamination to ensure that the flora and fauna is protected and bio-diversity is conserved.
- c) Sewage system comprising of water treatment plant to enable water recycling and reuse for appropriate purposes viz; horticulture, cooling systems etc will be operationalized.
- d) Campus community to be sensitized through messages and campaigns in order to create awareness and enlist its support and active participation in all conservation efforts.

  
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### **3.4 Green and Clean Campus**

- a) All measures required for developing and maintaining green spaces and green belt in around the campus will be carried out with a systematic and scientific approach so as to ensure that the ecological balance in the campus eco-system is maintained and nurtured to protect the bio-diversity.
- b) Planting of trees of selected varieties that can thrive in the climatic conditions of the region in which the campus is located and suitable to serve as habitats for different species of birds, insects and other living organisms while catering to food chain requirements will be undertaken periodically.
- c) Landscaping along with planting of flowering seasonal plants will be done to enhance the aesthetics and visual appeal of the campus and a nursery will be established for this purpose.
- d) Participation of students in activities aimed at promoting green initiatives will be ensured through curricular and co-curricular activities by setting up various student clubs/societies.
- e) Efforts for making the campus a 'zero waste' discharging campus by establishing facilities for solid waste management including composting facilities to convert bio-degradable waste into organic manure for in-house consumption
- f) Eco Club to be activated in all Schools of Studies and planting of trees.

### **4.0 Policy Implementation**

University Works Division will be the nodal agency for ensuring the implementation, monitoring and periodic review of the policy. Faculty from relevant University School of Studies with technical expertise in the relevant areas and officials of Security and Sanitation Departments may be involved in the process of consultation, planning, execution and evaluation in such manner as the competent authority may deem fit for effectively attaining the policy objectives above stated.

### **5.0 Appointment of Nodal Officer**

A nodal officer in each school of studies shall be designated to coordinate the implementation of the provisions of the policy.

### **6.0 Review of the Policy**

**The policy shall be reviewed every 3 years.**

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