



## **D. E. S. Smt. S. K. JINDAL COLLEGE OF NURSING, PUNE**

### **REPORT ON THE GREEN CAMPUS**



#### **Introduction:**

D. E. S. S. K. Jindal College of Nursing has consistently made efforts to create a campus environment that is sustainable, eco-friendly, and conducive to both the academic and holistic development of students and staff. The concept of a "green campus" goes beyond just creating beautiful spaces; it involves initiatives aimed at reducing the institution's environmental footprint, promoting sustainability, and encouraging eco-consciousness among students and faculty.

This report highlights the green initiatives taken by the college to ensure environmental sustainability and to provide a healthy, green, and clean environment for all stakeholders.

#### **Objectives:**

- To reduce the environmental impact of the college and promote sustainability.
- To create an eco-friendly, healthy, and comfortable environment for students, staff, and visitors.
- To encourage students and faculty to become responsible citizens in their local and global communities by practicing environmental stewardship.



## Key Features of the Green Campus:

### 1. Green Infrastructure:

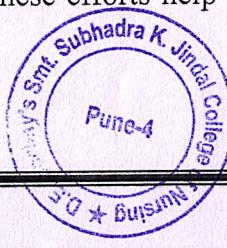
- **Eco-friendly Building Design:** The campus buildings are designed with eco-friendly materials and energy-efficient systems. The use of natural light, proper ventilation, and energy-saving electrical appliances helps reduce the college's carbon footprint.
- **Solar Power Systems:** The college has installed solar panels on the campus to reduce reliance on non-renewable energy sources. This helps in producing clean energy and significantly reduces electricity consumption.
- **Rainwater Harvesting:** The campus has implemented a rainwater harvesting system to collect and store rainwater, which is then used for irrigation and non-potable purposes, reducing dependence on external water sources.

### 2. Waste Management and Recycling:

- **Waste Segregation:** The college has set up waste segregation bins across the campus, encouraging students and staff to separate biodegradable, recyclable, and non-recyclable waste. This promotes recycling and reduces landfill waste.
- **Composting:** Organic waste from the campus, including food scraps, is composted to create nutrient-rich soil for campus gardens. This not only reduces waste but also supports the college's green spaces.
- **Electronic Waste Management:** The college has established a system for the safe disposal and recycling of electronic waste, ensuring that harmful substances are properly managed.

### 3. Sustainable Green Spaces:

- **Campus Gardens and Landscaping:** The campus features lush green gardens, plant beds, and landscaped areas that not only beautify the environment but also contribute to improved air quality and biodiversity. Indigenous plants are used to conserve water and promote ecological balance.
- **Tree Plantation Drives:** Regular tree plantation drives are organized as part of the college's commitment to increasing its green cover. These efforts help in



reducing carbon emissions, enhancing the campus's aesthetic appeal, and providing shade.

- **Indoor Planting:** Indoor plants are placed in classrooms, corridors, and common areas to improve air quality and create a calming, green environment conducive to learning.

#### 4. Water Conservation:

- **Water-Saving Fixtures:** The campus has installed water-efficient taps, showers, and toilets to reduce water wastage. Low-flow fixtures help minimize the consumption of water across the campus.

#### 5. Eco-Conscious Transportation:

- **Bicycle Racks and Walking Paths:** The college encourages students and staff to use bicycles for commuting within the campus by providing secure bicycle racks. Additionally, pedestrian-friendly walkways ensure safe and pleasant walking paths across the campus.
- **Carpooling and Public Transport:** The college promotes carpooling among students and staff and encourages the use of public transport to reduce the number of private vehicles on the road, thus decreasing the overall carbon footprint.

#### 6. Awareness and Educational Programs:

- **Sustainability Workshops and Seminars:** The college organizes workshops, seminars, and awareness programs to educate students and staff about environmental issues, sustainable practices, and the importance of a green campus.

#### 7. Sustainable Food Practices:

- **Eco-friendly Cafeteria:** The college cafeteria adopts sustainable practices, including using biodegradable cutlery and minimizing food wastage. The food served is sourced from local suppliers to support the community and reduce the carbon footprint associated with transportation.



- **Zero-Waste Initiatives:** Efforts are made to minimize single-use plastic and promote the use of reusable containers and utensils within the cafeteria.

## 8. Energy Efficiency:

- **LED Lighting:** The campus has replaced traditional lighting with energy-efficient LED lights, which consume less energy and have a longer lifespan.
- **Energy Conservation Campaigns:** Regular awareness campaigns are held to encourage the efficient use of electricity and other resources by both students and faculty.

### Impact and Benefits:

#### 1. Environmental Impact:

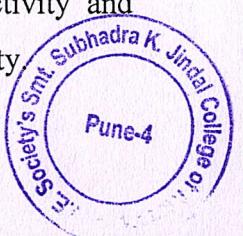
- The green campus initiatives have contributed to a noticeable reduction in the college's carbon footprint through the use of renewable energy, energy-efficient practices, and waste management.
- By promoting tree plantation and maintaining green spaces, the college has helped improve air quality and create a more breathable, clean environment.

#### 2. Educational Impact:

- Students are actively involved in sustainability projects and green initiatives, giving them hands-on experience in environmental stewardship and making them more conscious of their ecological responsibilities.
- Through workshops, seminars, and student-led green initiatives, the college fosters a culture of sustainability and environmental awareness, which students can carry forward into their personal and professional lives.

#### 3. Health and Well-Being:

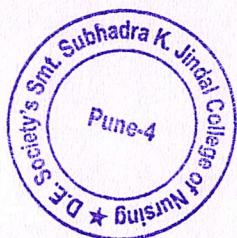
- The clean, green environment has a positive impact on the mental and physical well-being of both students and staff, creating a stress-free atmosphere conducive to learning, creativity, and overall wellness.
- Access to green spaces and outdoor areas promotes physical activity and relaxation, contributing to the overall health of the college community.



**Conclusion:**

D. E. S. S. K. Jindal College of Nursing's green campus initiatives have set a strong example in environmental sustainability. The college's commitment to energy efficiency, waste management, water conservation, and green spaces not only contributes to the preservation of the environment but also creates a healthy, positive atmosphere for students, faculty, and staff. The active participation of students and staff in these initiatives reflects the college's ethos of nurturing responsible global citizens.

The college's continuous efforts in promoting sustainability and eco-consciousness will contribute to a greener, more sustainable future, both for the institution and the wider community.



**PRINCIPAL**

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