



# GREEN CAMPUS MOVEMENT

**A preliminary assessment of  
actions and aspirations**



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Maps are not to scale.

**Citation:** Anumita Roychowdhury, Rajneesh Sareen, Mitashi Singh and Sugeet Grover 2021, *Green Campus Movement: A preliminary assessment of actions and aspirations*, Centre for Science and Environment, New Delhi

*Published by*

**Centre for Science and Environment**

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**Lakshmibai College**


 <b>Location</b> New Delhi, Delhi	 <b>Population</b> 3732 Students 154 Support staff and faculty	 <b>Residence campus</b> Students: Less than 20% Faculty and support staff: Less than 20%
 <b>Climatic zone</b> Composite	 <b>Predominant building height</b> 3-5 storey	 <b>Area</b> 10 acres

**Overview**


**Action plan for Upcoming year**

 <b>WATER</b>	<b>Water consumed last year (in KiloLitres)</b> 2400 KL KiloLitres	<b>Water requirements met in the campus through</b>
		<ul style="list-style-type: none"> <li>• Municipal Supply: More than 75%</li> <li>• Ground Water extraction: Less than 25%</li> <li>• Water Body: Less than 25%</li> </ul>


- Replacing old water fixtures with more efficient ones
- Enhancing Rain Water Harvesting
- Onsite Waste water treatment through decentralized solutions
- Awareness campaigns

 <b>AIR QUALITY</b>	<b>Allowed inside campus</b>	<b>Present in the campus</b>	<b>Fuel used by campus owned transport fleet</b>	<b>Cooking fuel being used in campus</b>
		Motorized vehicles inside the campus		Gas


- Dust mitigation measures from roads and construction activities,
- Adopting electric vehicles for campus owned transportation fleet

 <b>LAND</b>	<b>Area of the campus</b>	<b>Land dedicated to green area</b>	<b>Built up area of campus</b>
	10 acres	Between 25-50%	approximately 6 acres

- Enhance tree cover by plantation drives
- Increase number or area of kitchen gardens
- Adopt Green Gardening strategy like mulching, drip irrigation etc
- Controlling Soil Erosion through embankment, grasses and tree cover
- Improving land permeability

 <b>ENERGY</b>	<b>Energy consumed last year (in kWh)</b>	<b>Air conditioned spaces</b>	<b>Overall air conditioned space</b>
	141190 KW	Classroom: Few Offices: Most Hostel rooms: Half	Between 25 to 50%

- Increasing Renewable Energy Penetration in campus
- Work on passive design
- Awareness dissemination campaigns amongst campus users

 <b>WASTE</b>	<b>Approximate waste generation in campus (in tone)</b>	<b>Allowed in campus</b>
	0.5 tons	<ul style="list-style-type: none"> <li>• Disposables at events</li> <li>• Paper in office</li> <li>• Physical posters for events</li> </ul>

- Restricting usage of single use plastics in campus, paper in office
- Paper waste recycling
- E-waste recycler tie-up
- Onsite biodegradable waste treatment through composting, vermicomposting etc

Data as per self declaration by university as filled in form.