

Incessant Journey towards Green Campus



Lakshmibai College

The College was established in 1965 and dedicated to impart higher education by inculcating true values and knowledge among young women. With its vision line “*Satyam, Gyanam, Anantam*” meaning, *true knowledge is endless and can be gained perpetually*, the college faculty members are constantly endeavour to inculcate the spirit of integrity, creativity, knowledge, skill development and love for nature to achieve the sustainable development goals of 21st century . The college is incessantly striving towards the ideal green campus. The students and faculty members of Environmental studies (EVS) and NSS regularly organize cleanliness drives and environment awareness campaigns in the college campus and nearby localities which has triggered a visible change in people action without any major infrastructural change . Under its Clean and Green Mission, the college has created an environmental consciousness through various activities like Nature's walk, Tree-talk, cleanliness drives and waste management workshops. and became one of the leading environment conscious college campus.



Green Initiatives of the College



Solar
Energy



Energy
Conservation



Rainwater
harvesting



Plastic
Free



Waste
Management



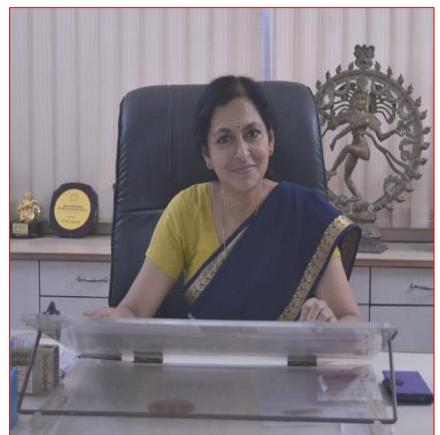
Passive
Design



College
Flora



Awareness
Campaign

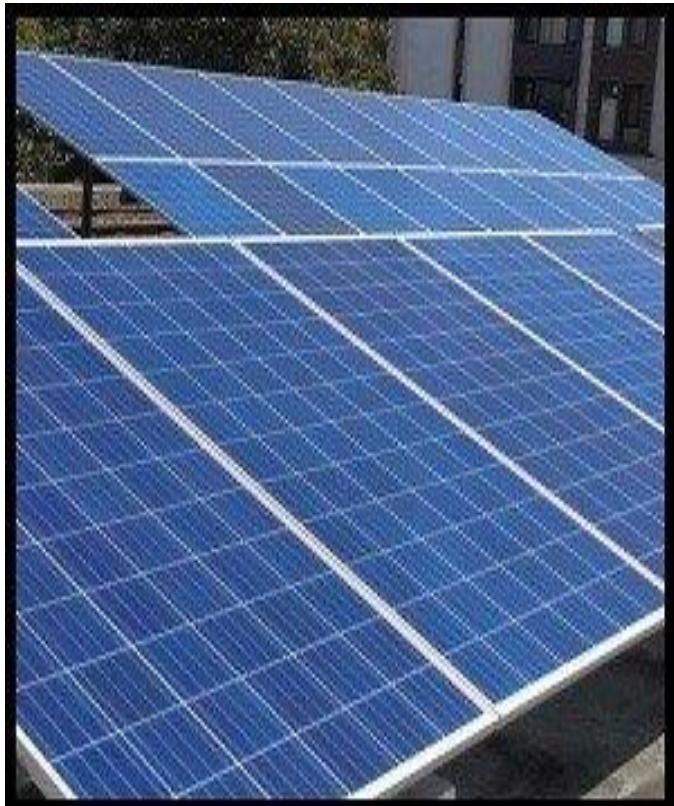


Principal's Desk

Rainwater harvesting

The college, in association with Delhi Government, has been established a potential rainwater harvesting system in campus including the rooftop and surface area water harvesting

Rainwater is harvested in a systematic manner and used to directly recharge the ground water.



Efficient Energy Management

The college has developed an efficient energy management strategy by adopting a dual approach;

1. Use of renewable energy by exploiting solar radiation. The campus has installed solar photovoltaic (PV) panels with a capacity of 77 kW which has fulfilled 40-50 per cent energy demand of the college and has reduced the CO₂ emission by 88.7 tonnes per year.
2. Energy conservation, where Students volunteers as Energy Conservation Squad and assures no wastage of electricity.



Solid Waste Management

- A plastic free campus with no use of disposable plastic/thermocol items in campus and canteen.
- Waste segregation, the key step for waste management, is the regular practice in campus by installation of color coded waste-bins 158 with green bins for biodegradable waste and blue bins for paper waste and Black/yellow bins for lightweight packaging, plastics and metal and red bins are for hazardous wastes. The organic waste from the campus is turned into compost in its onsite composting unit.
- “Bring your own bottle and cutlery” campaign was launched to sensitize students and teachers to reduce the use of disposable non-plastic items.
- A plastic bottle crusher and Paper shredding machine has been installed in the college campus.

ECOPARK (Waste to Wonder Park)

The Ecopark (Waste to Wonder Park) 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.

Action and achievements

- *Fencing using sticks from old maps and waste electric wires.*
- Seating corner using Eco-bricks.
- *Landscaping using waste stone slabs of the campus. Some natural seasonal flowering plants along with the perennial plants have been planted to beautify the park.*



Environment Conservation & Awareness

The college has rich floral diversity including plants of various economic and medicinal values. The college has large green cover with a beautiful front garden, back garden, green sports ground etc. The college in association with it's green committee, have been regularly involved in hosting, Nature's walk, Tree-talk, campaigns and workshops with an idea to create sensitivity towards environment in students, staff, their families, and neighboring communities. The College has taken several initiatives like organizing plantation drives, adopting a trend of gifting planters (made up of coconut shells and other eco-friendly materials) to its guests with a vision to encourage plantation). A herbal Garden has been set up in the college. The College has also documented the botanical diversity of the campus. The initiative is aimed at encouraging student research on environmental subjects. The college Eco Club regularly conducts workshops in which students are encouraged to prepare sanitary pads, bags from old cloths and others stuffs etc. Such efforts has resulted far-reaching outcomes as it encourages students to minimize packaging even beyond the college campus.

