



### **Beautiful floral diversity of College Campus**

Students of related subjects are actively involved in gardening, maintenance, etc. of gardens (floral diversity) within the campus. Students are learning garden techniques by working in the garden with the help of concerned faculties. Garden makes ample space and scope for them to conduct various practical and leisure activities.

## 2. Waste Management (Waste Audit)

This audit addresses biodegradable waste from college and hostel canteen, paper waste to hazardous wastes of laboratories and worn-out electric & electronic goods, and plastic wastes. Hazardous materials represent significant risks to human health and ecological integrity. Hazardous wastes are also leached out through the e-waste generated in the campus. They often persist in the environment leaving a legacy of land and water contamination for generations. They also accumulate in the tissues of organisms and become concentrated within food chains, leading to cancer, endocrine disruption, birth defects, and other tragedies. The minimization, safe handling, and ultimate elimination of these materials are essential to the long-term health of the planet.

### Sources of waste generation in Daga College Campus

Solid waste generated from campus includes mainly paper waste, wet (food/ organic) waste and E-waste from various sections of college including offices, staff rooms, class rooms, laboratories, washrooms and canteen.

### Solid Waste Management at Daga College

Blue and Green covered/ pedal-pushed dustbins are placed in the premises. Waste bins are provided everywhere like in staff rooms, classrooms, laboratories, washrooms, playgrounds etc. Daily around 15-20 kg organic/ bio-degradable waste is generated in the campus which includes horticultural waste (leaf fall) which is separately composted in a compost unit and used as a humus for the nourishment of other plants.



**Waste Collection Bin in College**

Solid Waste Management (Dry and wet garbage) is lifted on a regular basis in college by Municipal Corporation.

### **Paper Waste Management**

Being an academic institution, waste paper is one of the main solid wastes generated in the premises. College has taken steps to minimize and avoid paper usage like:

- Prints and photocopies are taken on both sides of the paper to avoid excess paper usage.
- Rather than photocopy, digitalization (scanning) is practiced.
- Promoting the usage of e-sources for learning purpose rather than the hard copy among students.
- Instead of paper, internal notices and communications are through e-mail/ SMS.

### **E Waste Management**

E-waste was collected at college campus which is then sent to the authorized recyclers for adequate disposal.

## **3. Water Management (Water Audit)**

This audit addresses water consumption, water sources, irrigation, storm water, appliances and fixtures. It is therefore essential that any environmentally responsible institution should examine its water use practices.

<b>S. No.</b>	<b>List uses of water in College</b>	<b>Quantity usage/day (In L)</b>
1.	Drinking purpose	350-400
2.	Gardening	500-600
3.	Washrooms	800-900
4.	Others	300-400

### **Rain water harvesting (RWH)**

RWH system, comprised of rooftop and surface runoff, is provided in the college campus. Through RWH, rain water collected is used for recharging ground water through bores. Rain water collected is also stored in recharge pits/wells which is used for gardening and ground water recharge.





**Boring Storage capacity: Water tank of 5000 L Capacity**



**Drinking water cooler**



## Rain Water Harvesting at Daga College