

# **GREEN AUDIT REPORT**

**Academic Session 2024-25**

## **1. Basic Information**

**Name of Institution:** Government Degree College, Darlaghat

**Location:** Darlaghat

**Campus Area:** Approximately 2000 sq. ft. (Operating from Private Building)

**Date of Audit:** 25 September 2025

## **2. Audit Committee**

### **External Members**

1. Er. B.R. Kashyap, SDO PWD, Darlaghat
2. Assistant Environmental Engineer-cum-Regional Officer, Himachal Pradesh State Pollution Control Board, Parwanoo
3. Er. Hitesh Gautam, JE, Himachal Pradesh State Electricity Board Limited, Darlaghat
4. Sh. Kishori Bhardwaj, Department of Forest, Himachal Pradesh

### **Internal Members**

1. Dr. Jai Prakash Sharma, Assistant Professor (Political Science)
2. Sh. I.D. Sharma, Superintendent Grade-II

## **3. Objective of the Audit**

The Green Audit was conducted to assess the environmental performance of the institution during the Academic Session 2024-25 and to evaluate improvements made since the previous session. The audit also aimed to identify realistic and achievable measures for enhancing sustainability within the constraints of limited infrastructure and rented premises.

## **4. Introduction**

Government Degree College, Darlaghat is a semi-rural government institution functioning from a rented/private building. Due to limited land availability and infrastructural constraints, large-scale environmental interventions are not feasible. However, the institution has undertaken several low-cost and practical measures during the current academic session to promote environmental responsibility among students and staff.

## **5. Scope of Audit**

The audit covered the following parameters:

1. Energy Efficiency
2. Water Conservation
3. Waste and E-Waste Management
4. Green Cover and Biodiversity



5. Transportation Practices
6. Environmental Awareness and Education

## 6. Audit Findings

### 6.1 Energy Efficiency

- Approximately 95% of lighting fixtures have been converted to LED lighting.
- Remaining incandescent bulbs are limited to low-use areas.
- Electricity bills are reviewed monthly to monitor consumption trends.
- Natural daylight is utilized during morning hours to minimize electricity usage.
- Some old electrical appliances remain in use due to budget limitations.

**Observation:** Significant improvement observed compared to previous session with near-complete transition to LED lighting.

### 6.2 Water Conservation

- Primary water source: IPH supply.
- Leakages identified in previous audit have been repaired.
- Awareness notices installed near washbasins to prevent water wastage.
- Water usage monitored through bill review (no separate metering system).

**Observation:** Basic corrective measures implemented; scope exists for structured water monitoring.

### 6.3 Waste Management

- Two-bin system (Wet and Dry waste) implemented in classrooms and office.
- Segregated waste handed over to local municipal authorities.
- Reduction in paper usage through digital circulation of notices.
- Composting not feasible due to space constraints.

**Observation:** Waste segregation system functional though recycling linkages need strengthening.

### 6.4 E-Waste Management

- E-waste collection box installed in administrative office.
- Small quantities of electronic waste handed over to authorized scrap vendors.
- Awareness provided to students regarding safe disposal.

**Observation:** System established; needs periodic documentation.



# 6.5 Green Cover and Biodiversity





**Waste/E-Management**



- Total campus area limited to approx. 2000 sq. ft.
- 25 new potted plants added during session 2024–25.
- Maintenance responsibility assigned to NSS volunteers.
- Plantation activities conducted during Van Mahotsav.

**Observation:** Given spatial limitations, potted plantation model is appropriate and sustainable.

## 6.6 Transportation

- Majority of students commute through public transport.
- Limited use of personal vehicles by staff.
- Informal carpooling practiced by some faculty members.
- Awareness regarding reduction of carbon footprint discussed during orientation.

**Observation:** Transport-related emissions relatively moderate due to public transport usage.

## 6.7 Environmental Awareness and Education

- Environmental themes integrated in Political Science and Geography discussions.
- Celebration of World Environment Day and related activities.
- Eco & Sustainability Committee formed for structured activities.

**Observation:** Awareness initiatives increasing but require regular scheduling.

## 7. Progress since Previous Session (2023–24)

| Parameter                | Status (2023–24)          | Status (2024–25)                 |
|--------------------------|---------------------------|----------------------------------|
| <b>LED Lighting</b>      | 80% coverage              | 95% coverage                     |
| <b>Water Leakages</b>    | Observed                  | Repaired                         |
| <b>Waste Segregation</b> | Partial                   | Fully implemented (2-bin system) |
| <b>E-Waste</b>           | Mentioned                 | Collection box functional        |
| <b>Plantation</b>        | Limited ornamental plants | Additional potted plants         |
| <b>Energy Monitoring</b> | Not practiced             | Monthly bill review              |

## 8. Recommendations

### 8.1 Short-Term (Within 1 Year)

1. Replace remaining non-LED bulbs.
2. Install additional low-flow taps subject to availability of funds.
3. Maintain documented record of electricity and water consumption.
4. Conduct one campus cleanliness drive per quarter.



5. Introduce "Plastic-Free Campus Day" once every month.


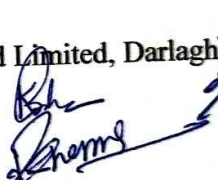

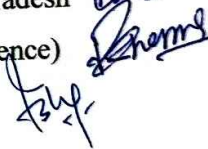
## 8.2 Medium-Term (1–2 Years)

1. Explore feasibility of small rooftop rainwater harvesting system (subject to building owner approval).
2. Seek government funding for installation of 1–2 solar lights.
3. Promote vertical gardening to maximize green cover.
4. Introduce certificate/add-on environmental awareness activity.

## 9. Conclusion

The Green Audit for Academic Session 2024–25 indicates measurable progress in energy efficiency, water management, waste segregation, and environmental awareness at Government Degree College, Darlaghat. Despite infrastructural and financial limitations, the institution has adopted practical and achievable sustainability practices. Continued incremental efforts, student participation, and collaboration with local authorities will further strengthen the institution's commitment to environmental sustainability.

### Name and Signature of Audit Committee

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