GREEN AUDIT REPORT

Academic Session 2025–26

Government Degree College, Darlaghat

1. Basic Information

Name of Institution: Government Degree College, Darlaghat
Location: Darlaghat, Himachal Pradesh
Campus Area: Approximately 2,000 sq. ft.
Nature of Premises: Rented/Private Building
Academic Session: 2025–26
Date of Audit: 28 September 2026

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

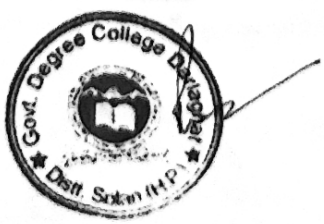
1. **Dr. Sapna Dogra**, Assistant Professor (English)
2. **Sh. I.D. Sharma**, Superintendent Grade-II

3. Objective of the Audit

The Green Audit for Academic Session 2025–26 was conducted to assess the environmental performance of Government Degree College, Darlaghat and to review the progress achieved after the Green Audit conducted for Academic Session 2024–25.

The audit focused on practical and achievable measures relating to energy conservation, water management, waste management, e-waste disposal, green cover, transportation and environmental awareness.

Particular attention was given to measures that can realistically be implemented in a rented/private building with limited campus area and limited scope for permanent structural modifications.



4. Introduction

Government Degree College, Darlaghat is a semi-rural government institution functioning from a rented/private building. The institution has limited available space of approximately 2,000 sq. ft. Consequently, large-scale plantation, construction of composting facilities, installation of major renewable-energy systems and other permanent environmental infrastructure are presently subject to space, financial and ownership constraints.

During Academic Session 2025–26, the institution continued the sustainability measures initiated in the previous session. Greater emphasis was placed on maintaining existing practices, improving awareness among students and staff, reducing avoidable consumption and maintaining basic records.

The institution has adopted an incremental approach towards environmental sustainability in accordance with its available resources and infrastructure.

5. Scope of Audit

The Green Audit covered the following major areas:

1. Energy Efficiency and Conservation
2. Water Conservation and Management
3. Solid Waste Management
4. E-Waste Management
5. Green Cover and Biodiversity
6. Transportation Practices
7. Environmental Awareness and Education
8. Institutional Environmental Practices

6. Audit Findings

6.1 Energy Efficiency and Conservation

The institution continued its efforts towards reducing electricity consumption during the academic session.

Findings

- Approximately **98% of the lighting fixtures are now LED-based.**
- The remaining non-LED fixtures are located in limited-use areas and are proposed for replacement as funds permit.
- Electricity bills continued to be reviewed periodically to observe consumption trends.
- Natural daylight is utilized wherever feasible, particularly during morning and daytime hours.
- Lights and electrical appliances are switched off when classrooms and offices are not in use.
- Staff and students were encouraged to avoid unnecessary use of electrical appliances.
- Existing electrical appliances continue to be used where functional in order to avoid unnecessary expenditure and electronic waste.
- No major new electrical load was added during the session.



Observation

The institution has maintained the substantial improvement achieved during the previous session. The transition towards LED lighting is now **near complete**, while behavioural measures such as switching off unused lights and utilizing natural daylight remain important for further energy conservation.



6.2 Water Conservation and Management

The primary source of water for the institution continues to be the **IPH/public water supply**.

Findings

- Water supply is obtained through the existing public/departmental supply system.
- Leakages identified during the previous audit have remained under observation and necessary minor repairs have been undertaken whenever required.
- Students and staff are encouraged to use water judiciously.
- Awareness notices/messages near washbasins continue to discourage unnecessary water wastage.
- Water consumption is reviewed through available water bills/records.
- There is presently no separate water meter exclusively dedicated to the college.
- No major water-intensive activity is carried out on the campus.

Observation

The institution has maintained the corrective measures taken during the previous audit. Further improvement can be achieved through systematic recording of monthly water consumption and installation of water-saving fixtures whenever financially and technically feasible.

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6.3 Solid Waste Management

The institution continued the two-bin waste segregation system introduced during the previous audit.

Findings

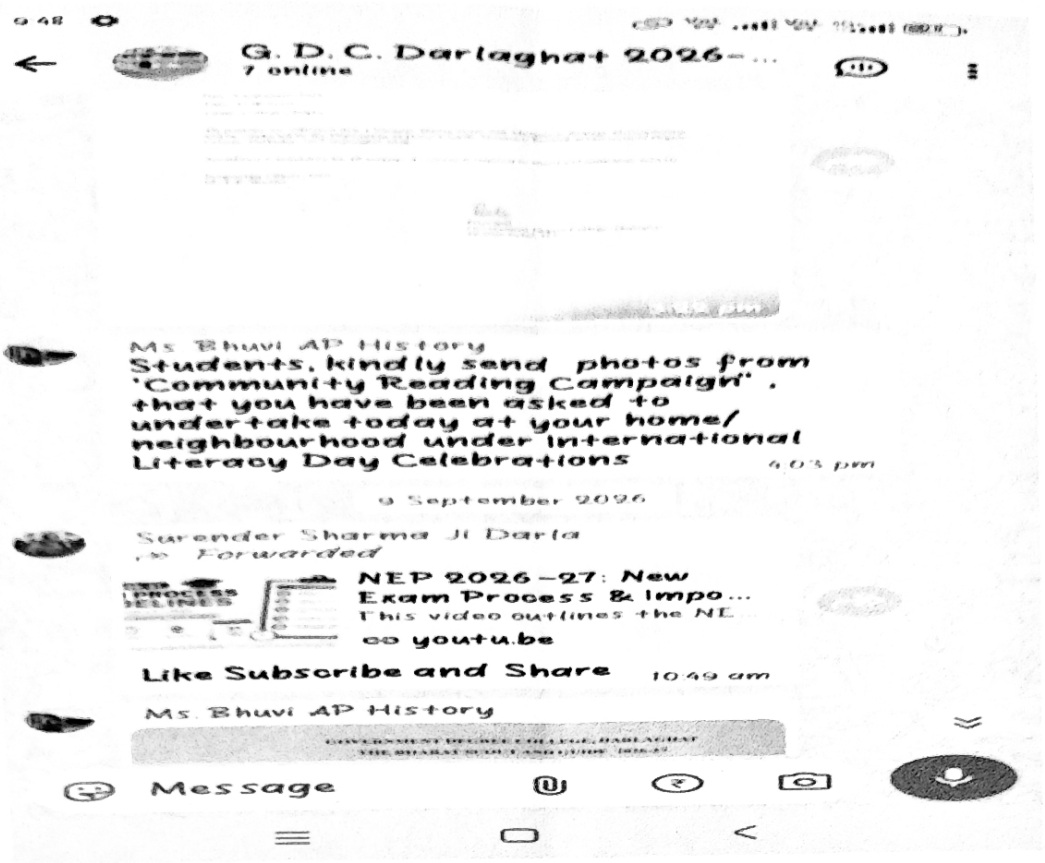
- Separate containers are used for **wet/biodegradable and dry/non-biodegradable waste**.
- Students and staff are encouraged to deposit waste in the appropriate bins.
- Waste generated on the premises is collected regularly.
- Waste is handed over through the available local waste collection/municipal arrangement.
- Paper consumption has been reduced through increased use of digital notices, electronic communication and WhatsApp/electronic circulation wherever appropriate.
- Single-use plastic is discouraged during institutional activities.
- Cleanliness activities are conducted periodically with participation of students and staff.
- Due to limited space in the rented premises, on-site composting has not yet been established.

Observation

The two-bin segregation system continues to function as a practical waste-management measure. The major scope for improvement is strengthening documentation of waste disposal and exploring better recycling channels for dry waste.



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6.4 E-Waste Management

The institution continued the basic e-waste collection mechanism established during the previous session.

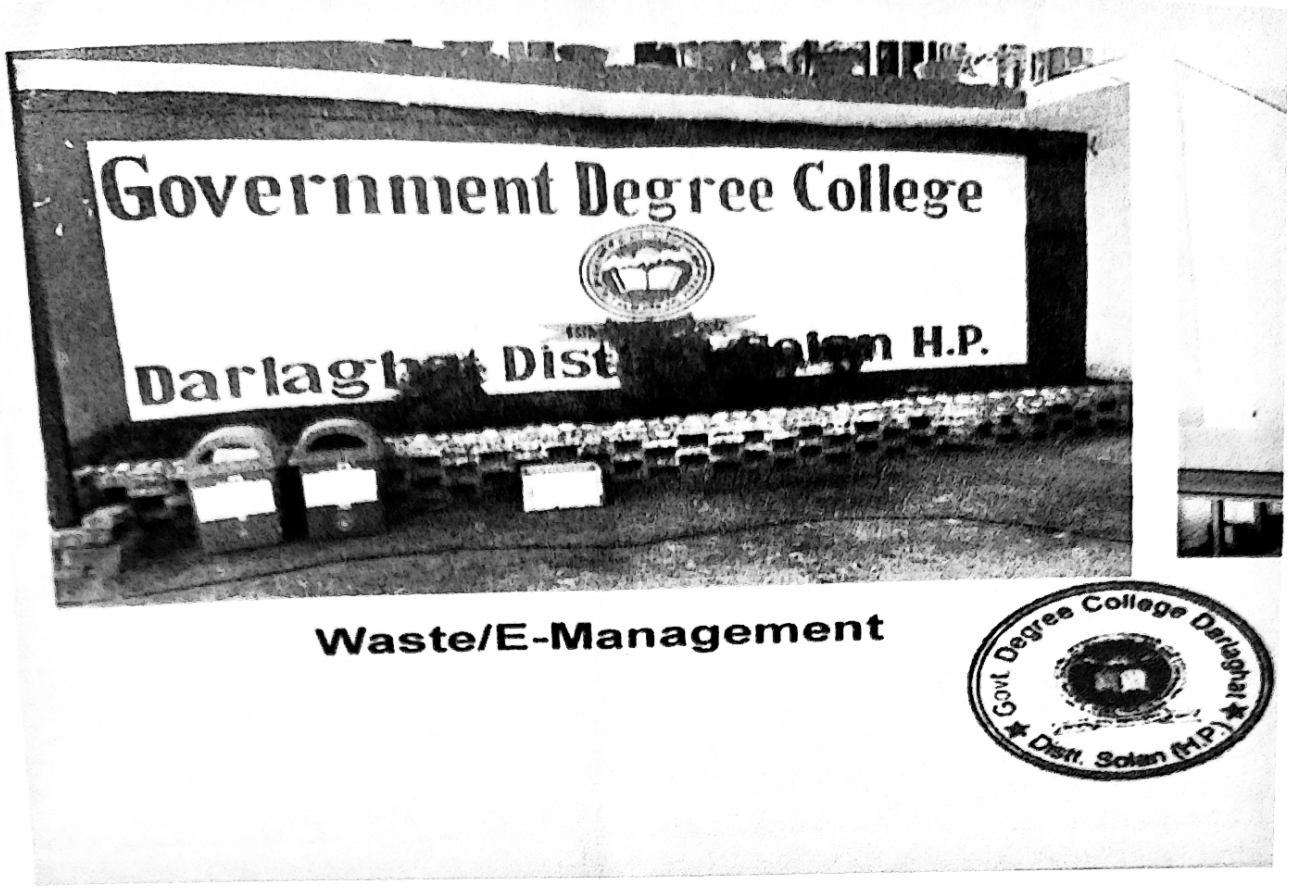
Findings

- An e-waste collection facility/box continues to be maintained in the administrative area.
- Obsolete or non-functional electronic items are kept separately from regular waste.
- Small quantities of e-waste are disposed of through available authorized/appropriate disposal or scrap channels, subject to availability.
- Students and staff are sensitized against disposing of electronic items with ordinary municipal waste.
- Efforts are being made to retain basic records of obsolete electronic items and their disposal.

Observation

The e-waste management system is functional at a basic institutional level. Periodic documentation of e-waste generation and disposal should be strengthened, particularly when electronic equipment is condemned or replaced.

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Waste/E-Management

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6.5 Green Cover and Biodiversity

The institution faces significant limitations regarding plantation because it functions from a rented/private building with a very small available campus area.

Findings

- The institution continues to maintain potted plants within the available premises.
- The plants added during the previous session have been maintained to the extent possible.
- Additional plants have been introduced selectively where suitable space was available.
- Approximately **30 potted plants/green units** are being maintained during the session, subject to seasonal survival and replacement.
- Responsibility for routine care has been shared among designated staff and student/NSS volunteers.
- Plantation and environmental activities were undertaken during appropriate occasions such as Van Mahotsav and Environment-related programmes.
- Indoor and semi-outdoor plants have been preferred because of limited ground space.

Observation

Considering the restricted campus area, the **potted/vertical plantation approach remains more practical than conventional large-scale plantation**. Regular maintenance and replacement of plants are more important than increasing the number of plants without adequate space.

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6.6 Transportation Practices

The location of the institution and the semi-rural character of Darlaghat influence the transportation pattern of students and staff.

Findings

- A significant proportion of students use public transport or shared transportation for commuting.
- Some staff members use private vehicles due to work-related and geographical requirements.
- Informal carpooling among staff members is encouraged where practical.
- Students and staff are sensitized regarding the environmental benefits of public/shared transportation.
- No dedicated college transport facility is operated.
- Walking is encouraged for short-distance local movement where feasible.

Observation

The institution has limited direct control over transportation-related emissions. Continued promotion of public transport, shared travel and carpooling remains the most practical approach under existing conditions.

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6.7 Environmental Awareness and Education

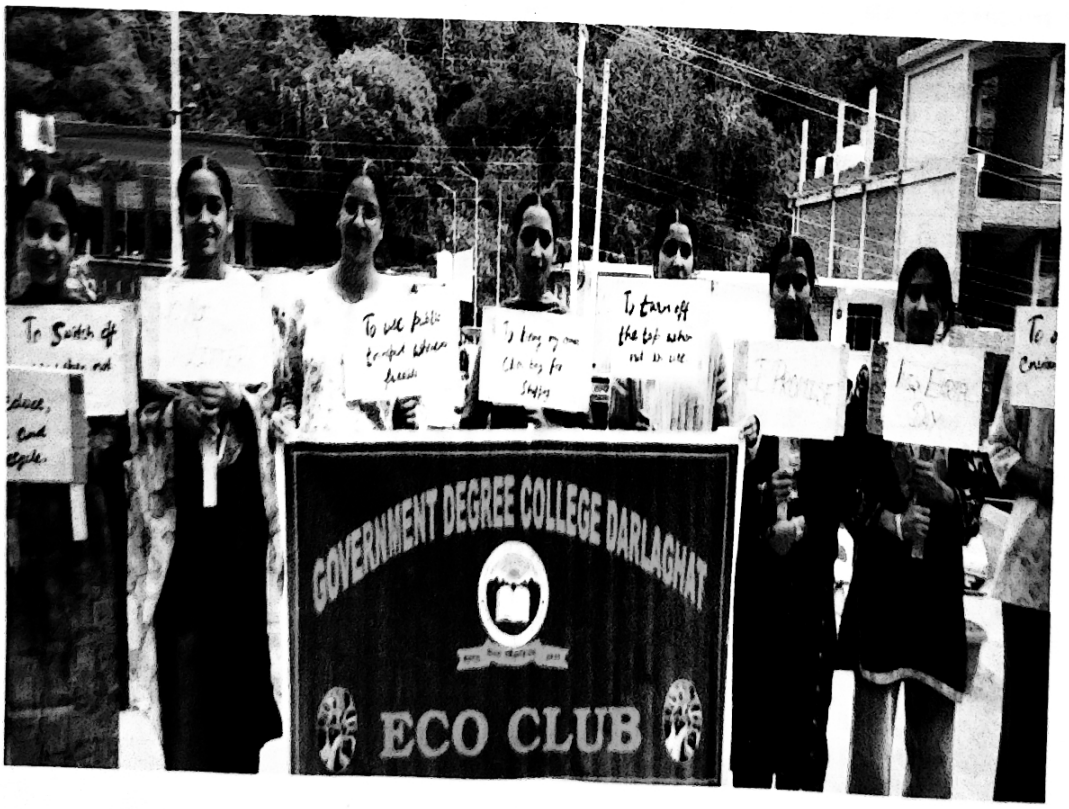
Environmental awareness continued to form an important part of institutional activities during the session.

Findings

- Environmental issues were discussed through classroom teaching and academic activities.
- Topics relating to sustainability, pollution, natural-resource conservation and environmental responsibility were incorporated wherever relevant into classroom discussions.
- Environment-related days and occasions were observed through awareness activities.
- Students were encouraged to participate in cleanliness, plantation and environmental awareness programmes.
- The **Eco & Sustainability Committee** continued to support environmental activities.
- NSS/student participation was utilized for cleanliness and plantation-related activities.
- Digital communication was preferred for circulation of environmental messages and institutional notices wherever possible.

Observation

Environmental awareness has become a continuing institutional practice rather than a one-time activity. Regular scheduling and documentation of activities can further strengthen the programme.



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7. Institutional Environmental Practices

During Academic Session 2025–26, the following practices were continued or strengthened:

- Switching off lights and electrical appliances when not required.
- Maximum practical use of natural daylight.
- Continued use of LED lighting.
- Avoidance of unnecessary printing and photocopying.
- Digital circulation of notices and communications.
- Segregation of wet and dry waste.
- Separate collection of e-waste.
- Periodic cleanliness activities.
- Maintenance of potted plants.
- Student participation in environmental activities.
- Awareness regarding water conservation.
- Encouragement of public/shared transportation.

8. Progress since Previous Session

Parameter	Status 2024–25	Status 2025–26
LED Lighting	Approx. 95% coverage	Approx. 98% coverage
Water Leakages	Major identified leakages repaired	Maintenance/periodic checking continued
Water Monitoring	Bill review	Continued periodic review; scope for better records
Waste Segregation	Two-bin system implemented	Two-bin system continued and reinforced
Paper Reduction	Digital circulation initiated	Digital communication continued and expanded
E-Waste	Collection box functional	Collection and separate storage continued
E-Waste Records	Basic system	Documentation being strengthened
Green Cover	Approx. 25 new potted plants added	Approx. 30 potted plants/green units maintained
Plant Maintenance	NSS/student involvement	Continued shared responsibility
Energy Monitoring	Monthly bill review initiated	Periodic review continued
Cleanliness Activities	Conducted periodically	Periodic cleanliness activities continued
Environmental Awareness	Eco & Sustainability Committee formed	Committee activities continued
Transportation Awareness	Public transport/carpooling encouraged	Practice continued

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9. Major Improvements Observed During 2025–26

The audit committee observed the following areas of continued improvement:

1. **Near-complete LED conversion** has been achieved, reducing the dependence on conventional lighting.
2. Existing energy-saving practices have been institutionalized rather than treated as one-time measures.
3. The **two-bin waste segregation system** has continued during the session.
4. Digital communication has further reduced unnecessary paper consumption.
5. The institution has maintained a functional mechanism for **separate collection of e-waste.**
6. Potted plantation has been maintained as a practical alternative to ground-based plantation.
7. Student participation in environmental and cleanliness activities has continued.
8. Environmental awareness has been incorporated into routine academic and co-curricular activities.
9. The institution has continued to work within the limitations of its rented premises without undertaking environmentally or financially impractical interventions.

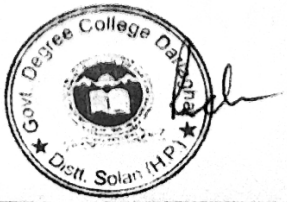
10. Recommendations

10.1 Short-Term Recommendations – Within One Year

1. Replace the remaining non-LED lighting fixtures wherever technically and financially feasible.
2. Maintain a simple **monthly electricity-consumption register** based on electricity bills.
3. Maintain a simple **monthly water-consumption record**, wherever billing data permits.
4. Continue periodic inspection of taps, pipes and other water points for leakage.
5. Continue the two-bin waste segregation system.
6. Maintain a basic record of e-waste generated and disposed of.
7. Conduct at least **one cleanliness/environmental awareness activity every quarter.**
8. Continue minimizing unnecessary printing and encourage digital communication.
9. Encourage students and staff to avoid single-use plastic during institutional activities.
10. Maintain and replace potted plants as required according to seasonal conditions.

10.2 Medium-Term Recommendations – 1–2 Years

1. Explore the feasibility of a **small rooftop rainwater-harvesting arrangement,** subject to approval of the building owner and technical feasibility.
2. Explore installation of **one or two solar-powered lights,** subject to availability of funds and building-owner permission.
3. Explore vertical gardening or wall-mounted plantation systems where structurally and safely feasible.
4. Strengthen linkages with authorized agencies/vendors for recycling and disposal of e-waste.
5. Introduce a short environmental awareness/add-on activity or certificate programme, subject to institutional resources.
6. Develop a simple annual environmental action plan with measurable targets.



11. Proposed Environmental Action Plan for 2026–27

Activity	Proposed Target
LED conversion	Achieve 100% LED coverage, subject to replacement requirements
Electricity monitoring	Maintain monthly consumption record
Water management	Periodic inspection and consumption recording
Waste segregation	Continue 100% implementation within available premises
E-waste	Maintain collection and disposal record
Plantation	Maintain existing plants and add plants where feasible
Cleanliness	Minimum one activity per quarter
Plastic reduction	Conduct periodic awareness activity
Environmental education	At least 2–3 documented awareness activities annually
Renewable energy	Examine feasibility of solar lighting
Rainwater harvesting	Conduct feasibility assessment subject to owner approval

12. Overall Audit Observation

The Green Audit Committee observed that Government Degree College, Darlaghat has continued to adopt practical environmental measures during Academic Session 2025–26.

The most significant progress relates to the near-completion of LED lighting conversion, continued waste segregation, maintenance of the e-waste collection mechanism, reduction in unnecessary paper use, maintenance of potted greenery and continued environmental awareness among students and staff.

The institution's environmental performance must be viewed in the context of its **limited campus area, rented/private premises and financial constraints**. Within these limitations, the measures adopted are practical and achievable.

The audit committee recommends that the institution continue its incremental approach and give priority to **record maintenance, regular monitoring, student participation and low-cost measures** rather than undertaking infrastructure-intensive interventions that may not be feasible in the present premises.

13. Conclusion

The Green Audit for Academic Session **2025–26** indicates continued progress in the environmental practices of Government Degree College, Darlaghat.

The institution has maintained the improvements achieved during the previous audit and has made further incremental progress in energy efficiency, waste management, e-waste management, green cover and environmental awareness.

The near-complete transition to LED lighting, continuation of the two-bin waste segregation system, maintenance of potted plants, separate collection of e-waste and increasing use of digital communication demonstrate the institution's continued commitment to sustainable practices.

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Considering the limitations associated with rented premises and restricted campus space, the institution has adopted a realistic and resource-conscious approach to environmental management. Continued monitoring, proper documentation and active participation of students and staff will help strengthen these practices in the coming academic sessions.

14. Signatures of Audit Committee

External Members

1. Er. B.R. Kashyap
SDO, PWD, Darlaghat
Signature: _____

2. Assistant Environmental Engineer-cum-Regional Officer
Himachal Pradesh State Pollution Control Board, Parwanoo
Signature: _____

Assistant Engineer
Darla Sub Division
HPPWD Darla

3. Er. Hitesh Gautam
JE, Himachal Pradesh State Electricity Board Limited, Darlaghat
Signature: _____

4. Sh. Kishori Bhardwaj
Department of Forest, Himachal Pradesh
Signature: _____

Internal Members

5. Dr. Sapna Dogra
Assistant Professor (English)
Government Degree College, Darlaghat
Signature: _____

6. Sh. I.D. Sharma
Superintendent Grade-II
Government Degree College, Darlaghat
Signature: _____

Place: Darlaghat
Date: 28th September 2026

Seal of the Institution

Govt. Degree College Darlaghat
Distt. Solan (H.P.)

Principal
Govt. Degree College
Darlaghat, Dist. Solan (H.P.)