



Carbon Footprint / Other Environment Metrics

Tracking and Disclosure through Green Campus and Sustainability Reports

Swami Rama Himalayan University actively monitors and transparently reports its environmental impact through annual Green Campus and Sustainability Reports. These reports provide a clear overview of the university's carbon emissions, sustainability goals, and ongoing initiatives aimed at reducing its ecological footprint.

The university's commitment to environmental responsibility is further validated through regular Green Audits and Carbon Footprint Assessments, conducted by certified third-party agencies. SRHU has consistently received Green Audit and Carbon Footprint certificates for the years **2021–22**, **2022–23**, and **2023–24**, highlighting its dedication to transparency, accountability, and continuous improvement in sustainability practices.

By publicly sharing these reports, SRHU encourages awareness, stakeholder engagement, and a campus-wide commitment to sustainable development.



AUDIT CERTIFICATE

PRESENTED TO

Swami Rama Himalayan University

Swami Ram Nagar, Doiwala, Dehradun, Uttarakhand, India

Has been assessed by Ecoscience Consultancy for the comprehensive study of environmental impacts on institutional working framework to full the requirement of

Green Audit

(2023-24)


The green initiatives carried out by the university have been verified and found satisfactory in the report submitted.

The efforts taken by the management and the faculty towards environment and sustainability are appreciated and noteworthy.

ECOSCIENCE CONSULTANCY

Lakshmi Vihar Colony, Bahadrapad

Haridwar, Uttarakhand- 249402


Dr. Gurpreet Singh
(Authorized Signatory)

Lead Auditor – Green & Environment Audits

Date: 24/07/2024





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ECOSCIENCE CONSULTANCY
Lakshmi Vihar Colony, Bahadrapad
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Date: 15/07/2022





CARBON FOOTPRINT CERTIFICATE 2023-24

PRESENTED TO

Swami Rama Himalayan University

Swami Ram Nagar, Doiwala, Dehradun, Uttarakhand, India

Scope of GHG emissions	tCO ₂ e	%
Direct emissions to air	858	9.4
Indirect emissions from purchased energy	10	0.11
Other indirect emissions	8260	90.4
Total tCO₂e	9,128	

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GeM
Government
eMarketplace



CARBON FOOTPRINT CERTIFICATE 2022-23

PRESENTED TO

Swami Rama Himalayan University

Swami Ram Nagar, Doiwala, Dehradun, Uttarakhand, India

Scope of GHG emissions	tCO ₂ e	%
Direct emissions to air	724.5	8.67
Indirect emissions from purchased energy	9.2	0.11
Other indirect emissions	7613.9	91.2
Total tCO₂e	8347.6	


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CARBON FOOTPRINT CERTIFICATE 2021-22

PRESENTED TO

Swami Rama Himalayan University

Swami Ram Nagar, Doiwala, Dehradun, Uttarakhand, India

Scope of GHG emissions	tCO ₂ e	%
Direct emissions to air	657.2	8.34
Indirect emissions from purchased energy	7.4	0.09
Other indirect emissions	7206.2	91.5
Total tCO₂e	7870.8	


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Ecoscience Consultancy, Uttarakhand

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The institution discloses environmental metrics: SRHU systematically measures and publicly shares a wide range of environmental metrics, including energy consumption, water conservation, and waste management. Highlights include:

- 1,500 kW of rooftop solar power, meeting about 40% of campus electricity needs and cutting ~1,455 tonnes of carbon emissions annually ([Source](#)).
- Rainwater harvesting systems capturing 3,77,892.7 cum of water annually, with 12 recharge pits and 2 borewell recharge systems. A 150 KL rooftop tank provides water for 119 toilets and 138 bathroom taps, saving 9.45 lakh liters annually, and recharges 1.57 crore liters of groundwater.
- A 1 MLD sewage treatment plant (STP) reuses treated water for gardening 1,60,800 sq.m of green belt area, using 6,10,000 liters daily.
- Groundwater levels are monitored using two piezometers with telemetry, with readings available ([link](#)) for 2021-22 (69.11 m), 2022-23 (69.79 m), and 2023-24 (68.05 m).
- 3.02 crore liters of water saved annually through 200 waterless urinals, and 45.11 lakh liters saved by using 1-liter sand bottles in toilet cisterns.
- Waste management includes an 8 kg/day paper recycling unit ([source](#)) and plastic waste recycling by sending 800 kg to IIP, converting 70% into diesel.

Both carbon footprint and other environmental metrics are tracked and disclosed under initiatives like Swachh Bharat Abhiyan or Smart Campus Program: SRHU's environmental efforts are aligned with national initiatives like Swachh Bharat Abhiyan and the institutional Smart Campus Program. This includes promoting battery-powered vehicles, restricting automobile entry, pedestrian-friendly pathways, and a strict ban on single-use plastics ([source](#)).

Clean drinking water is ensured through advanced purification systems, with 10.66 lakh liters available daily. A 90 KLD Effluent Treatment Plant (ETP) supports zero-discharge practices for garden reuse.

The university's CII Gold Award for Green Practices and community engagement in 550+ villages (through water conservation awareness, 342 water supply schemes, 14,000+ toilets constructed) underscore SRHU's commitment. Collaborations with national and international agencies (e.g., Tata Trusts, ICIMOD) include 150+ ha of springshed treatment and 600 rainwater harvesting tanks constructed.

Research and innovations in water conservation (patented technologies like direct rainwater injection and 365 Days Rooftop Harvesting) and presence in 31 states/UTs further reinforce SRHU's proactive role in environmental stewardship.