



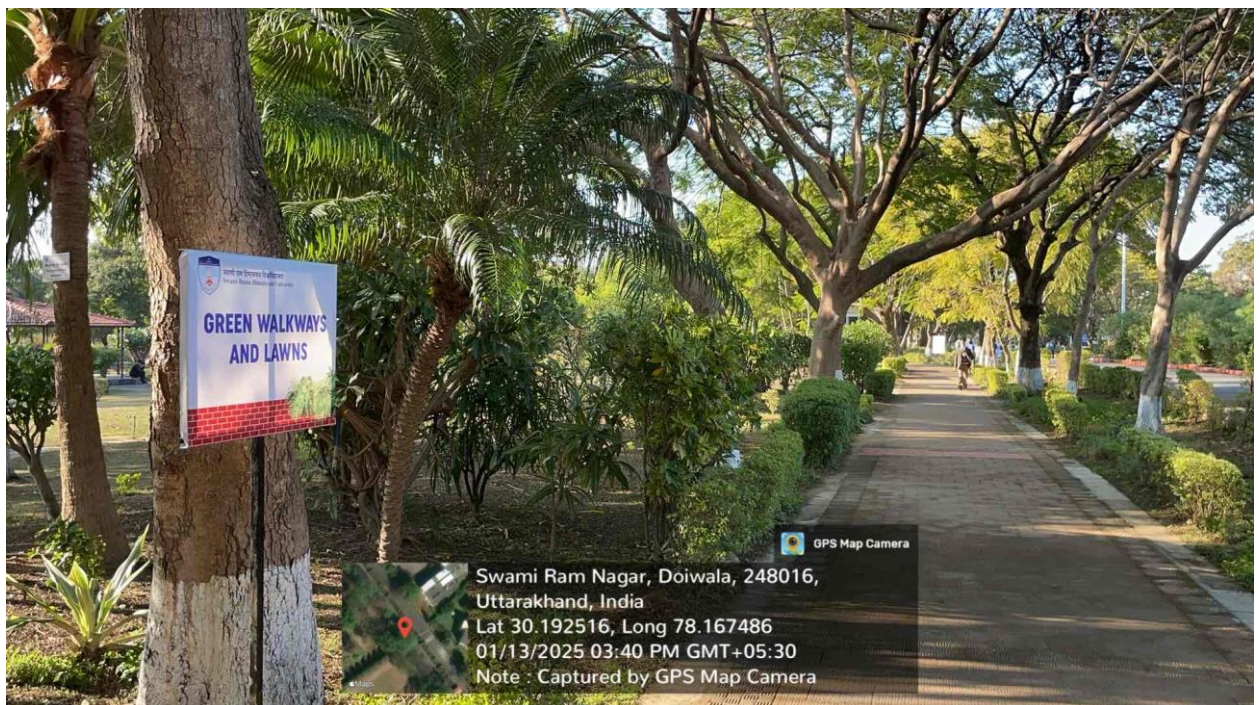
Sustainability Details

Swami Rama Himalayan University (SRHU) continues to prioritize environmental sustainability in accordance with the Sustainable Development Goals (SDGs). The total campus area has remained constant at 196 acres. However, a notable increase in green cover reflects the university's commitment to enhancing ecological balance. The green area expanded from 65.13 acres in 2021 to 74.77 acres in 2023, indicating sustained afforestation and landscaping efforts. This growth underscores SRHU's proactive approach to fostering a greener, healthier, and more sustainable campus environment.





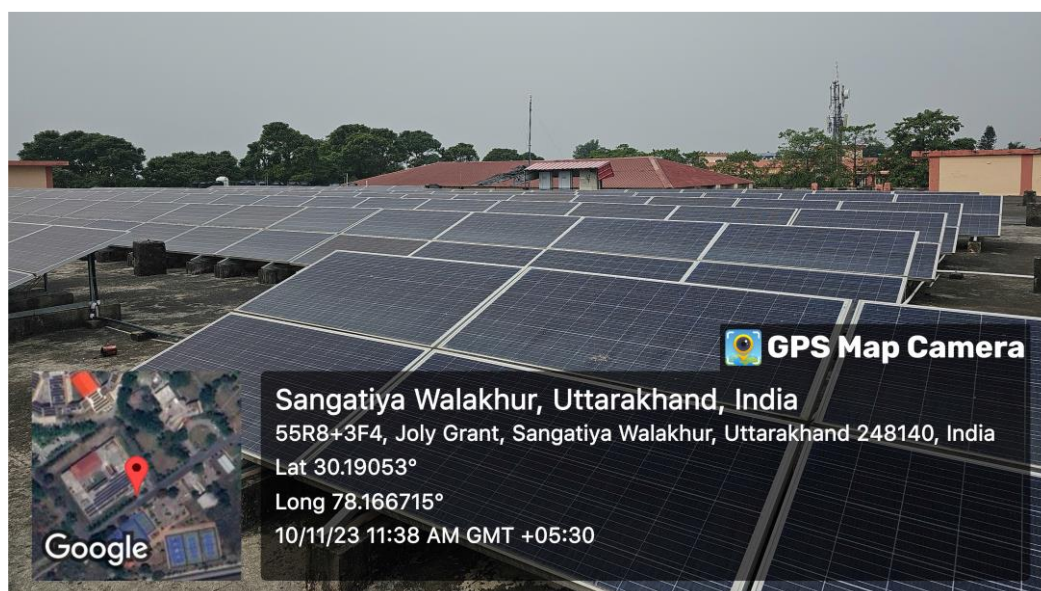




Energy and Water Consumption

In alignment with the Sustainable Development Goals (SDGs), SRHU has made significant strides in energy sustainability and resource management. In 2023–24, the university generated 2,075,865 KW of energy through solar and other renewable sources, contributing to its total energy consumption of 13,019,472 KW. A key element of this achievement is the operation of three rooftop solar power plants with a combined capacity of 2,500 KW, developed under a Power Purchase Agreement (PPA) with ReNew Solar Power Ltd. These plants, covering 22,695.69 square meters, provide energy at subsidized rates while helping reduce the university's carbon footprint.

Further reinforcing its green energy commitment, SRHU commissioned a new 1 MW rooftop solar power plant on August 17, 2024. With an estimated monthly energy generation of 136,435 kWh, the plant marks a major step in SRHU's transition toward clean and renewable energy sources, significantly reducing reliance on fossil fuels and enhancing sustainability on campus.



Solar Panels on the rooftop of University Building



Inauguration of New Solar Plant Unit

Water conservation also remains a priority, with a rainwater harvesting capacity consistently maintained at 150,000 litres. Total water consumption rose to 427,839,000 litres in 2023–24, corresponding with campus expansion and activities, with the water bill amounting to ₹14,90,084 (Fourteen Lakh Ninety Thousand Eighty Four). SRHU's sustained efforts in optimizing renewable energy use and water resource management demonstrate its ongoing commitment to environmental stewardship and sustainable development.



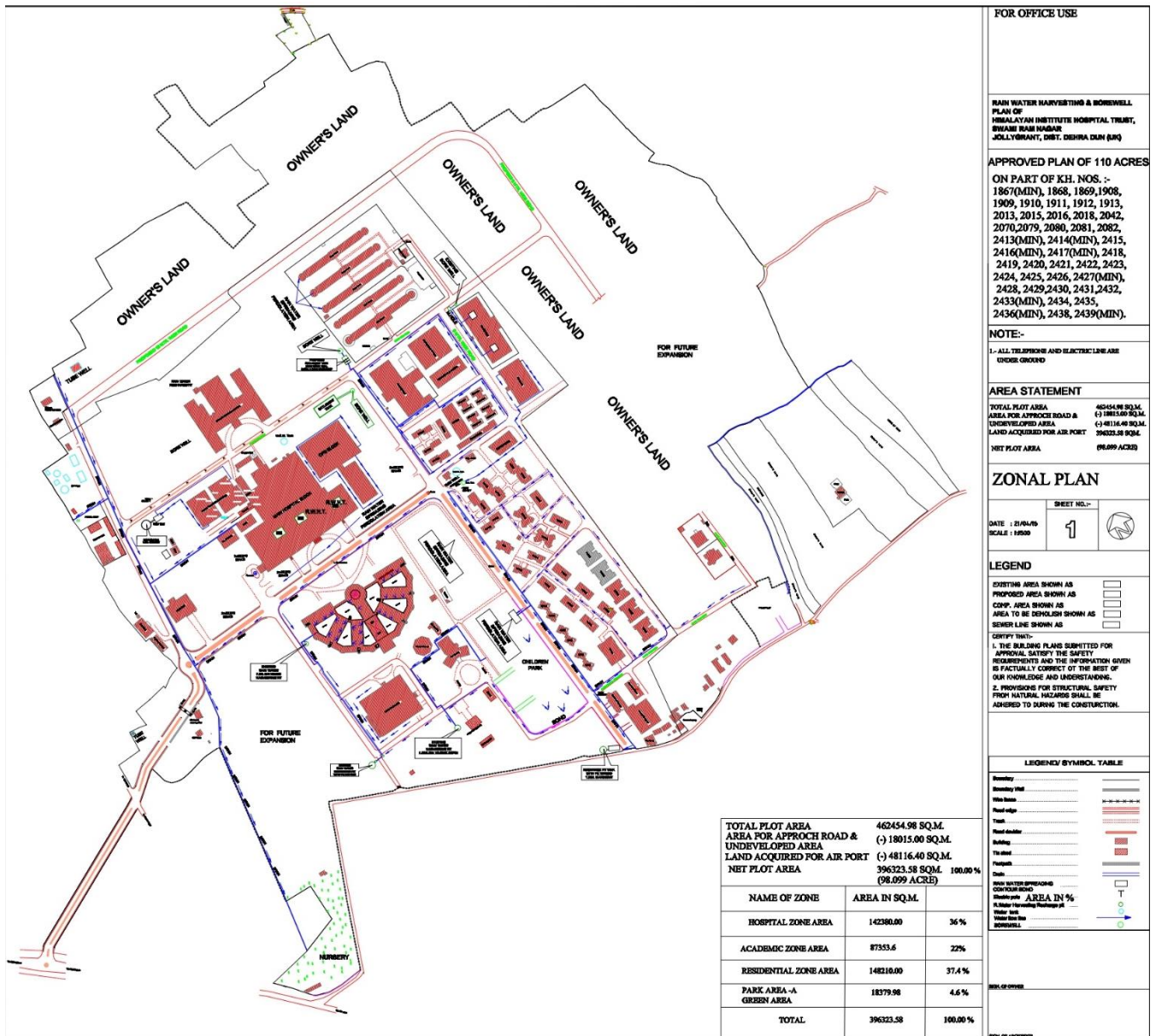
Rain-Water Harvesting Pit



Recharge Pit



Rain Water recharge pits



Rain-Water Harvesting System Drawing

Details Related to Environment

Swami Rama Himalayan University (SRHU) continues to enhance its environmental sustainability initiatives in line with the Sustainable Development Goals (SDGs). The university has significantly expanded its eco-friendly transportation facilities.



Battery operated vehicles

SRHU has also demonstrated strong commitment to campus greening, with the total number of trees growing from 3,548 in 2021–22 to 4,995 in 2023–24 ([List of Trees](#)). Located near farms and agricultural areas, SRHU is rich in biodiversity. To effectively conserve this biodiversity, it is essential to first understand the variety of species present. This knowledge enables informed conservation planning and raises awareness among the local community about their role in preserving the natural richness around them. One effective method for promoting environmental awareness is the creation of butterfly gardens, which require an understanding of local plant and animal species and their interactions. Such initiatives help highlight the ecological diversity of the area and support conservation education.

Faunal Species

The university campus is significantly rich in faunal diversity. A significant number of bird nests are seen at many places.

List of Birds

No.	Common Name	Scientific Name	Family
1	Common HawkCuckoo	Hierococcyx varlus	Cuculidae
2	Common Hoopoe	Upupa epops	Upupidae
3	Common Iora	Aegithirna tipsia	Aegithinidae
4	Common Kingfisher	Alcedo atthis	Alcedinidae
5	Common Myna	Acridotheres tristis	Sturnidea
6	Common Pigeon	CoInmba livia	Columbidae
7	Common Sandpiper	Actitis hypoleucos	Scolopacidae
8	Common Tailorbird	Orthotomus sutortus	Cisticolidae
9	Coppersmith Barbet	Megalaima haemacephala	Ramphastidae
10	House Crow	Corvus splendens	Corvidae
11	House Sparrow	Passer domesticus	Passeridae
12	Indian Cormorant	Phalacrocorax fuscicollis	Phalacrocoracidae
13	Pale-billedElowerpecker	Dicoeum erythrorynchos	Dicaeidae
14	Taiga flycatcher	Ficedula albicilla	Muscicapidae
15	Yellow-footed Green pigeon	Treron phoen icoptera	Columbibae

List of Reptiles

No.	Common Name	Scientific Name	Family
1.	Rat Snake	Zamenis longissimus	Colubridae

List of Amphibians

No.	Common Name	Scientific Name	Family
1	Indian Toad	Duttaphrynus melanostictus	Bufonidae
2	Frog	Enphldctis cyanophlyctis	Dicroglossidae

List of Butterflies

No.	Common Name	Scientific Name	Family
1	Blue Mormon	Papilio polymnestor	Papilionidae
2	Common Jay	Graphium doson	Papilionidae
3	Common Mime	Papilo clytia	Papilionidae
4	Common Mormon	Papilo polytes	Papilionidae
5	Common Rose	Pachliopta aristolochiae	Papilionidae
6	Lime Butterfly	Papitto demolis	Papilionidae
7	Tailed Jay	Graphium agamemnon	Papilionidae
8	Small Grass Yellow	Furema brigitta	Pieridae
9	Common Grass Yellow	Eurema hecabe	Pieridae
10	Common Gull	Cepora nerissa	Pieridae
11	Indian Jezebel	Delias eucharis	Pieridae
12	Indian Wanderer	Pareronia hippia	Pieridae
13	Lemon Emmigrant	Catopsila Pomona	Pieridae
14	Mottled Eemigrant	Catopsilia pyranthe	Pieridae
15	Psyche	Leptosia nina	Pieridae
16	Common Cerulean	Jamides celeno	Lycaenidae
17	Common Lineblue	Prosotosnora	Lycaenidae
18	Tailless Lineblue	Prosotas dubiosa	Lycaenidae
19	Common Pierrot	Castalius rosimon	Lycaenidae
20	Common Quaker	Neopithecops zalmora	Lycaenidae
21	Dark Grass Blue	Zizeeria karsandra	Lycaenidae
22	Forget-me-not	Catochrysops strabo	Lycaenidae

Floral species:**Number: 125****List of Trees**

No.	Common Name	Scientific Name	Family
1	Ficus	Ficus Sp.	Moraceae
2	Amla	Emblica officinalis	Euphorbiaceae
3	Guava	Psidium guajava	Myrtaceae
4	Rosemallows	Hibiscaceae	Hibiscus
5	Champaca	Magnolia champaca	Magnoliaceae
6	Cycas	Cycas	Cycadaceae
7	Crepe Jasmine	Tabernaemontana Divaricata	Apocynaceae
8	pomegranate	Punica granatum	Punicaceae
9	Ashoka Tree	Saraca asoka	Fabaceae
10	Kadam	Anthocephalus chinensis	Rubiaceae
11	Indian Almond	Terminalia catappa	Combretaceae
12	Lichi	Litchi chinensis	Sapindaceae
13	Vilayati Babul	Pithecolobium dulce	Mimosaceae
14	Neem Tree	Azadirachta indica	Meliaceae

List of Grasses

No.	Common Name	Scientific Name	Family
1	Common Carpetgrass	Axonopus sp.	Poaceae
2	Durba	Cynodon dactylon	Graminae

List of Herbs

No.	Common Name	Scientific Name	Family
1	Curry tree	Murraya koenigii	Rutaceae
2	White cedar	Thuja occidentali	Cupressaceae
3	Banyan tree	Ficus benghalensis	Moraceae
4	Yellow oleander	Cascabela thevetia	Apocynaceae
5	Aloe vera	Aloe vera	Asphodelaceae
6	Barberry	Berberis vulgaris L	Berberidaceae
7	Lemon	Citrus Limonum	Rutaceae
8	China rose	Hibiscus rosa-sinensis	Malvaceae
9	Neem	Azardirchata - indica	Mahaceae
10	Tulsi	Ocimum sanctum	Lamiaccac
11	Toon	Toona sinensis	Meliaceae
12	Ashok	Saraca Asoca	Caesalpinanceac
13	Amla	Emblica officinalis	Euphorbiaceac
14	Henna/mehndi	Lawsennia iermis	lytharaceae
15	Marigold	Tagetes erecta	Asteraceae
16	Tej Patta	Cinnamomum tamala	Lauraceae
17	Arjun	Terminalia arjuna	Combretaceae
18	Aswagandha	Withania Somnifera	Solanaceae
19	Jamun	Syzygium cumini	Myrtaceae
20	Candyleaf	Stevia rebaudiana	Asteraceae
21	Tamarind (Imli)	Tamarindus indica	Fabaceae
22	Drumstick-Tree	Moringa oleifera	Moringaceae
23	Kachnar	Bauhinia variegata	Fabaceae
24	Lemon grass	Cymbopogon citratus	Poaceae
25	Safed aak	Calotropis Gigantea	Apocynaceae
26	Datura (Yellow)	Datura stramonium	Solanaceae
27	Datura (Black)	Datura stramonium	Solanaceae
28	Red oleander	Cascabela thevetia	Apocynaceae
29	Sudarshana	Crinum latifolium	Amaryllidaceae
30	Kapur	Cinnamomum camphora	Lauraceae
31	Babri	Eclipta prostrata	Asteraceae
32	Common guava	Psidium guajava	Myrtaceae
33	Rose	Rosa rubiginosa	Rosaceae
34	Bakaian	Melia azedarach	Mahogany
35	Rangoon creeper	Quisqualis indica	Combrataceae
36	Bael (Wood apple)	Aegle marmelos	Rutaceae

List of Shrubs

No	Common Name	Scientific Name	Family
1	Giant Milkweed	<i>Calotropis gigantea</i>	Asclepiadaceae
2	Ban jamir	<i>Glycosmis pentophylla</i>	Ruraceae
3	Fever tea	<i>Lippia javanica</i>	Verbenaceae
4	Fever tea	<i>Lippia javanica</i>	Verbenaceae
5	Jasmine	<i>Jusm inum pubescens</i>	Oleaceae
6	Clerodendrum	<i>Clerodendrum viscosum</i>	Verbenaceae
7	Ground Fig	<i>Ficus heterophylla</i>	Moraceae
8	Bleeding Heart	<i>Clerodendrum tiomsoniae</i>	Lamiaceae
9	Stinking Cassia	<i>Cassio tora</i>	Fabaceae
10	Chitrak	<i>Plumbago zeyla nica</i>	Plumbaginaceae
11	Duranta	<i>Duranta repens</i>	Verbenaceae
12	GardenCosmos	<i>Cosmos bipinna tus</i>	Asteraceae
13	Devil's Trumpets	<i>Datura sp.</i>	Solanaceae
14	Dracaena	<i>Pleomele reflea</i>	Asparagaceae
15	Lagerstroemia	<i>Lagerstroemia indica</i>	Lythraceae
16	Citrus/Citron	<i>Citrus medica</i>	Rutaceae
17	Rose	<i>Rosa sp. Var.</i>	Rosaceae
18	Wild Pmumeria	<i>Plumeria pudica</i>	Apocynaceae
19	Wild Eggplant	<i>Solanum Totvum</i>	Solanaceae
20	Indian heliotrope	<i>Heliotropium indiciim</i>	Boraginaceae
21	Heliconia	<i>Strelitzia sp.</i>	Musaceae
22	Common Wireweed	<i>Sida acuta</i>	Malvaceae
23	Thuja	<i>Thuja orientalis</i>	Cupressaceae
24	Chinese Rose	<i>Hibiscus rosa -sinensi's</i>	Malvaceae
25	Lime	<i>Citrus acida</i>	Rutaceae
26	Orange Jasmine	<i>Mn rraya paniculata</i>	Rutaceae
27	Oleander	<i>Nerium oleander</i>	Apocynaceae
28	Karipata	<i>Murraya Koenigii</i>	Rutaceae

List of Creepers

No.	Common Name	Scientific Name	Family
1	Aparajita	Clitoria ternatea	Fabaceae
2	Birdfoot Grape-Vine	Cayratia pedata	Vitaceae
3	Passion Flower	Passiflora suberosa	Passifloraceae
4	Cayratia	Coratia trifolia	Vitaceae
5	Corkystem Passionflower	Passiflora suberosa	Passifloraceae
6	Birdfoot Grape-Vine	Cayratia sp.	Vitaceae
7	Gulanchalata	Tinospora cordifolia	Menispermaceae
8	Titakunja	Wattakaka votubillis	Asclepiaceae
9	Bengal Trumpet Vine	Thunbergia grandiflora	Acanthaceae
10	Ipomoea	Ipomoea aquatic	Convolvulaceae
11	Indian Stinging Nettle	Tragia involucrata	Euphorbiaceae
12	Money Plant, Ivy Arum	Epipremnum aureum	Araceae
13	Snake Vine	Stephania japonica	Menispermaceae
14	Philodendron	Philodendron sp.	Araceae
15	Chinese creeper	Micania micrantha	Asteraceae
16	White Morning Glory	Ipomoea obscura	Convolvulaceae
17	Telakuchu	Coccinia grandis	Cucurbitaceae
18	Tiliacora	Tiliacora racemosa	Menispermaceae
19	Roundleaf Bindweed	Evolvulus Nummularius	Convolvulaceae
20	Justicia	Justicia simplex	Acanthaceae
21	Hemigraphis	Hemigraphis hirta	Acanthaceae
22	Climbing Mallotus	Mallotus repandus	Euphorbiaceae
23	Bougainvillea	Bougainvillea sp.	Nyctaginaceae
24	Allamanda	Allamanda sp.	Apocynaceae

List of Palms

No.	Common Name	Scientific Name	Family
1	Areca Palm	Dypsis Intescens	Areaceae
2	Bottle Palm	Hyophorbe lagenicaulis	Areaceae
3	Indian Datepalm	Phoenix sylvestris	Palmae
4	Coconut	Cocos nucifera	Areaceae
5	Palmyra Palm	Borassus flabellifer	Palmae
6	Areca	Areca catechu	Areaceae
7	Palmyra Palm	Borassus flabellifer	Areaceae

List of Ferns and Seasonal Flowers

No.	Common Name	Scientific Name	Family	Type
1	Bircl- nest Fern	Asplenium Sp.	Aspleniaceae	Fern
2	Fishtail Fern	Microsorium punctatum	Polypodiaceae	Fern
3	Oakleaf Fern	Drynoriaquercifolia	Polyqodiaceae	Fern
4	Snapdragon	Antirrhinum majus	Scrophulariaceae	Season
5	Garden stock	Matthiola incana	Brassicaceae	Season
6	Gazania	Gazania sp.	Asteraceae	Season
7	Gladiolus	Gladiolus sp.	Iridaceae	Season
8	Flaming Kaaty	Kalanchoeblossfeldiana	Crassulaceae	Season
9	Miaden Pink	Dianthus deltoids	Carryophyllaceae	Season
10	Amaryllis	Hippeastrum Sp	Amaryllideceae	Season
11	Pansy	Viola tricolor var.	Violaceae	Season
12	Petunin	Petunia hybrida	Solanaceae	Season
13	Verbena	Vei-hena sp.	Verbenaceae	Season

List of Medicinal plants

No.	Common Name	Scientific Name	Family	Type
1	vat vriksha	Ficus benghalensis	Moraceae	spreading
2	sarpagandha	Rauvolfia serpentina	Apocynaceae	shrub
3	tanduliyaka	Amaranthus spinosus	Amaranthaceae	shrub
4	aakaakarabh	Anacyclus pyrethrum	Asteraceae	Asteraceae
5	amra	Spondias mombin	Anacardiaceae	flowering
6	dugdhika	Euphorbia hirta	Euphorbiaceae	multiseriate
7	gajar ghas	Parthenium hysterophorus	Asteraceae	shrub
8	ganda	Tagetes	daisy family	shrub
9	madhukarkati	Citrus maxima	Rutaceae	shrub

Air quality on campus has remained within acceptable limits, with the maximum Air Quality Index (AQI) recorded at 87 and the minimum as low as 31 in 2023–24. These efforts reflect SRHU’s dedication to creating a cleaner, greener, and more sustainable environment for its academic community.



AQI monitoring device installed at SRHU campus

Waste generated, recycled and reused

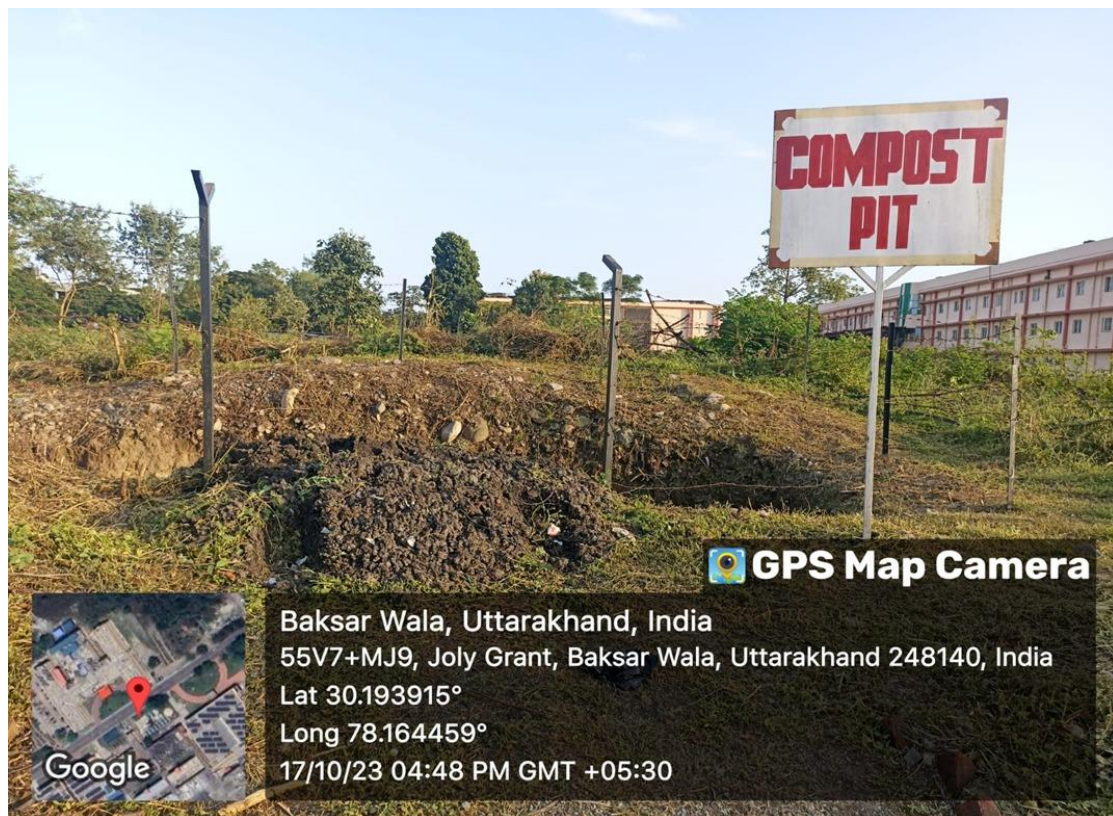
In alignment with the Sustainable Development Goals (SDGs), Swami Rama Himalayan University has demonstrated consistent efforts in sustainable waste management and resource reuse. Between 2021–22 and 2023–24, the total waste generated increased from 141,777 kg to 153,455 kg, with a corresponding rise in e-waste from 76 kg to 224 kg. Despite this increase, SRHU maintained a strong commitment to recycling and reuse, with over 126,917 kg of waste being recycled or reused in 2023–24 alone.

Food waste on campus remained relatively stable, averaging around 47,000 kg annually, a portion of which was converted to biogas, rising from 5,800 kg in 2021–22 to 10,800 kg in 2023–24, producing 67,500 KWH of renewable energy in the latest year.

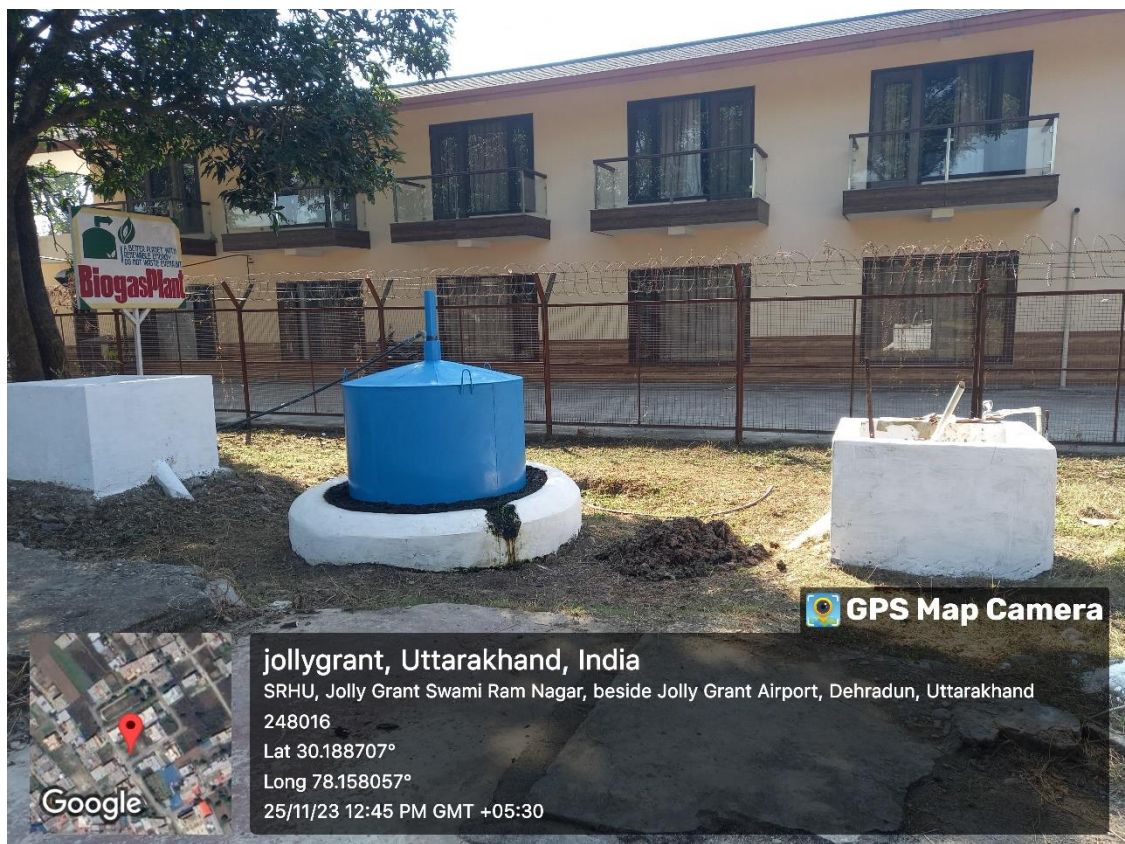
Additionally, the university consistently reused 251.85 million litres of wastewater annually, underscoring its proactive approach toward environmental sustainability and resource efficiency. Further strengthening its green initiatives, SRHU also operates an on-campus paper recycling plant where all waste paper is systematically collected and recycled, promoting a circular economy and reducing the university's ecological footprint.



Green and Black Bins for Waste Collection



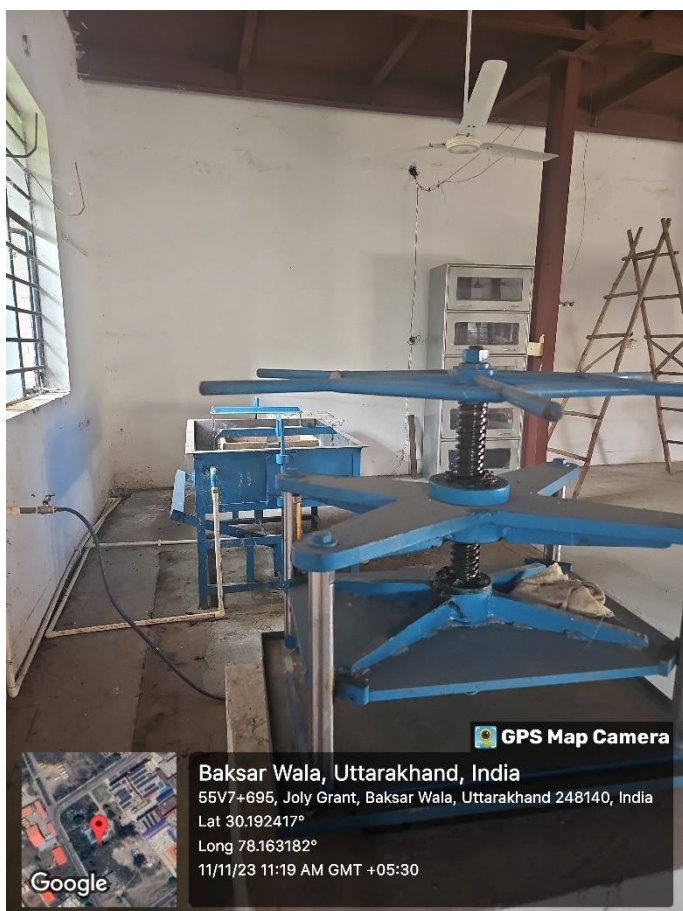
Compost pit for biodegradable waste



Biogas Plant



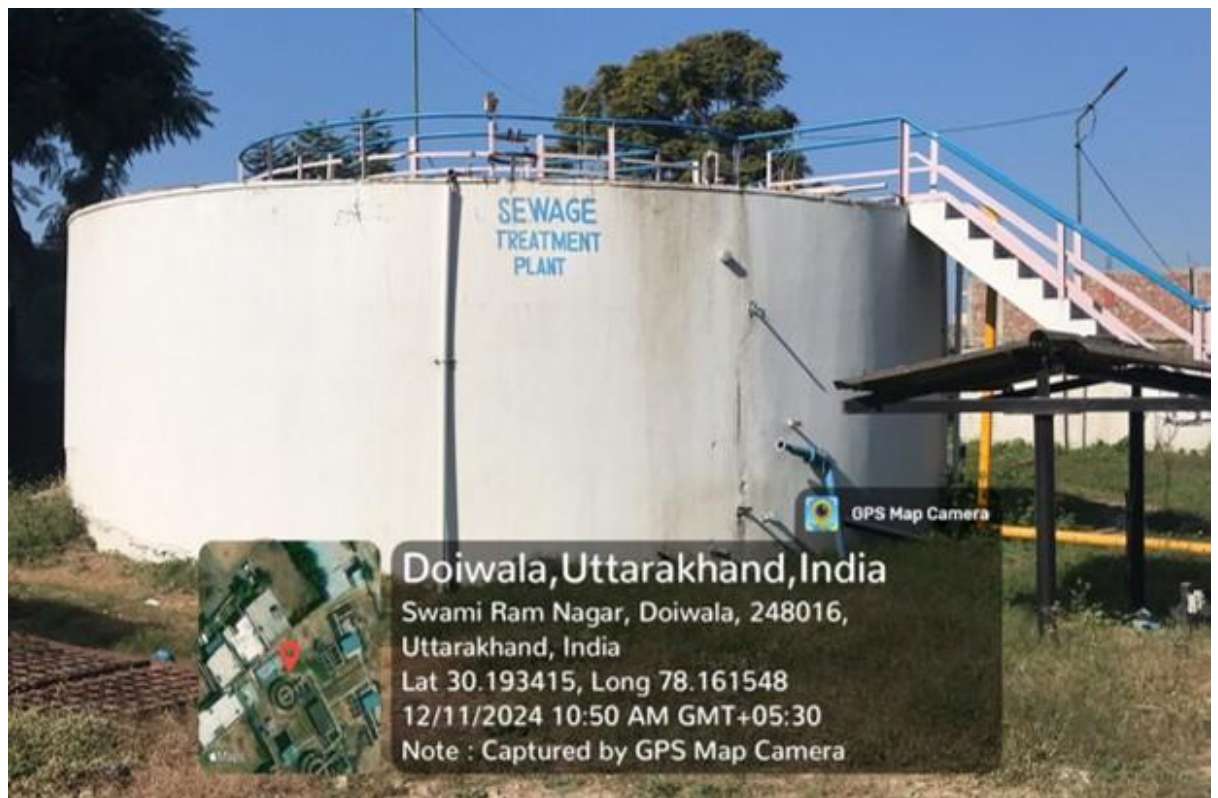
Waste paper recycling unit



Waste paper recycling machine



Sewage Treatment Plant



Sewage Treatment Plant



Effluent Treatment Plant