GOAL 13

CLIMATE ACTION

Swami Rama Himalayan University (SRHU) actively aligns its initiatives with Sustainable Development Goal 13: Climate Action, emphasizing environmental stewardship and resilience. The university integrates sustainability into its academic and research programs, fostering awareness and innovation in climate solutions. SRHU has implemented energy-efficient practices, including renewable energy adoption and waste reduction measures, to minimize its carbon footprint. Through tree plantation drives, water conservation projects, and eco-friendly infrastructure, the university demonstrates its commitment to environmental preservation. Additionally, SRHU engages students, faculty, and the community in climate literacy programs, encouraging collective action to combat climate change and build a sustainable future.

Climate Change: Research and Innovation

Swami Rama Himalayan University (SRHU) is committed to tackling climate change through research, policy, and partnerships, aligning its initiatives with Sustainable Development Goal 13: Climate Action. Climate change poses one of the most devastating threats to our planet, necessitating urgent and collective action to mitigate its impact. At SRHU, education and research are central to addressing climate challenges, fostering innovative solutions, and building resilience against its effects. Through scholarly research, publications, and collaborative efforts, the university promotes global cooperation to combat climate change. Additionally, SRHU demonstrates its dedication to environmental sustainability through waste management procedures, energy conservation efforts, and environmental education programs. By integrating sustainable practices into its operations and promoting partnerships, SRHU contributes significantly to achieving the Sustainable Development Goals and creating a sustainable future for all. Faculty members and researchers consistently publish their findings in peer-reviewed journals, showcasing innovative approaches to environmental challenges and climate change. These publications focus on critical topics such as green nanotechnology, sustainable food systems, renewable energy resources, water conservation and wastewater treatment, rainwater harvesting, and the effects of climate change (Scopus - Swami Rama Himalayan University).

Rajput, V., Naik, B., Vijay, K., Bhatt, S.C., Rustagi, S. Advancements in energy storage applications: harnessing the potential of fish industry waste, Discover Materials, 2024.

Gupta, A.K., Boruah, T., Ghosh, P., Vijay, K., Rustagi, S. Green chemistry revolutionizing sustainability in the food industry: A comprehensive review and call to action, Sustainable Chemistry and Pharmacy, 2024.

Kaur, L., Singh, J.L., Ashok, A., Vijay, K. Design expert based optimization of the pyrolysis process for the production of cattle dung bio-oil and properties characterization, Scientific Reports, 2024.

Bhatt, A., Joshi, P., Joshi, K.P., Bijalwan, A. Advanced technologies for realizing sustainable development goals: 5G, AI, big data, blockchain, and Industry 4.0 application, Advanced Technologies for Realizing Sustainable Development Goals: 5G, AI, Big Data, Blockchain, and Industry 4.0 Application, 2024.

Raturi, P., Deolal, H., Kimothi, S.K. Numerical analysis of the return flow solar air heater (RF-SAH) with assimilation of V-type artificial roughness, Energy and Built Environment, 2024.

Malik, S., Jain, S., Tiwari, P., Yamsani, N., Al-Farouni, M.H., Node MCU and Lily Pad based Relay Protection System For Laboratory Micro-Grid, 2024 International Conference on Smart Devices, ICSD 2024, 2024.

Singh, V., Prasad, M., Aswal, R.S., ...Sharma, T., Patel, N.K., An overview of renewable energy sources: technologies, applications and role of artificial intelligence, Computer Vision and Machine Intelligence for Renewable Energy Systems, 2024.

Dhillon, N., Gupta, S., Kumar, V., Bhandari, G., Arya, S., Energy from Waste: Poterioochromonas malhamensis Used for Managing Dairy Effluent and Producing Valuable Microalgal Lipid, Journal of Pure and Applied Microbiology, 2023.

Naik, B., Mishra, R., Vijay, K., Bhatt, S.C., Rizwanuddin, S., Micro-algae: Revolutionizing food production for a healthy and sustainable future, Journal of Agriculture and Food Research, 2024.

Uniyal, A., Kaushik, N., Uniyal, H.P., United nations sustainable development goals in the context of hydrological extremes, Water Sustainability and Hydrological Extremes: Quantity, Quality, and Security, 2024.

Singh, V., Prasad, M., Aswal, R.S., Sharma, T., Patel, N.K., An overview of renewable energy sources: technologies, applications and role of artificial intelligence, Computer Vision and Machine Intelligence for Renewable Energy Systems, 2024.

Rani, A.T., Chauhan, M., Sharma, P.K., Mitra, D., Joshi, S., Microbiological dimensions and functions in constructed wetlands: A review, Current Research in Microbial Sciences, 2024.

Ritika, Mansi, Rizwana, Ranjan, R., Gupta, A.K., Traditional and Underutilized Fruits and Vegetables for Attaining Zero Hunger, Advances in Science, Technology and Innovation, 2024.

Climate Change Awareness and Education

Swami Rama Himalayan University (SRHU) demonstrates a strong commitment to Sustainable Development Goal 13: Climate Action by embedding climate action perspectives into its academic programs, research, and extension activities. The university's Environmental Science course is meticulously designed to formulate and implement academic programs and campus-based projects that focus on environmental sustainability. As part of its holistic educational approach, SRHU mandates a core course on 'Environmental Studies' for all undergraduate programs, ensuring that students gain a foundational understanding of environmental issues, sustainability, and climate change in their very first year. This course also highlights the critical connections between climate change and the Sustainable Development Goals (SDGs), fostering climate literacy and empowering students to become proactive contributors to global climate action. The specific course in various programs of the university that also address the climate change and environmental issues are listed below:

- Community Medicine
- Introduction to Environmental
- Occupational, Nutritional and Genetic Epidemiology
- Environment and occupational epidemiology

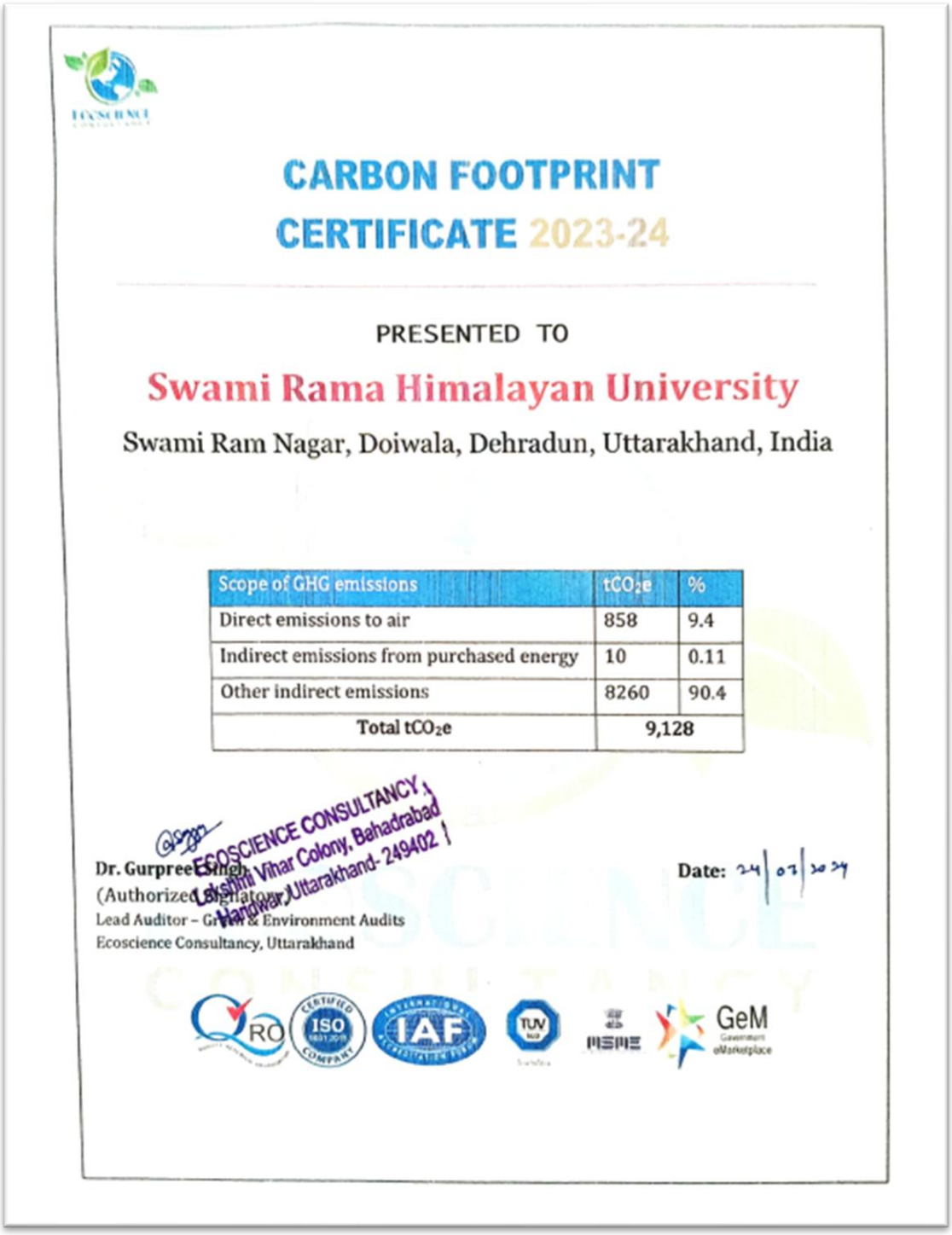
- Fundamentals of Environmental Science
- Environmental Pollution and Human Health
- Community Health Nursing-I (Environmental Science & Epidemiology)
- Community Health Nursing – II
- Energy & Environment
- Environmental Biotechnology
- Microbial Ecology
- Environmental Microbiology
- Environmental Biochemistry & Toxicology
- Disaster Management

Through these initiatives, SRHU integrates sustainability into its educational framework, equipping students with the knowledge and skills necessary to address the challenges of climate change.

Sustainable Campus Practices

Carbon Footprint Reduction:

The Swami Rama Himalayan University (SRHU) is committed to reducing its carbon footprint through a comprehensive strategy that includes measuring and reducing emissions across several key areas. The university conducts carbon audits to monitor its direct and indirect emissions, providing a baseline for progress. Key initiatives include the implementation of energy-efficient building technologies, such as LED lighting and smart HVAC systems, and the design of new green buildings certified for sustainability. The university has invested in renewable energy systems, including solar panels, and entered into power purchase agreements for clean energy. Transportation efforts focus on promoting low-carbon options, including walking, cycling, electric vehicles, and public transport. Waste management initiatives prioritize recycling and composting to reduce landfill contributions. Through these efforts, SRHU is striving to lead by example in mitigating climate change and supporting global sustainability goals. SRHU consistently adheres to audit procedures for energy, environment, and green campus initiatives. Through these efforts, the University upholds quality standards and ensures compliance with ISO regulations set by government-approved agencies. Notably, the University maintains an active ISO 14001:2015 and ISO 50001: 2018 certification in its records.



CARBON FOOTPRINT CERTIFICATE 2023-24

PRESENTED TO

Swami Rama Himalayan University

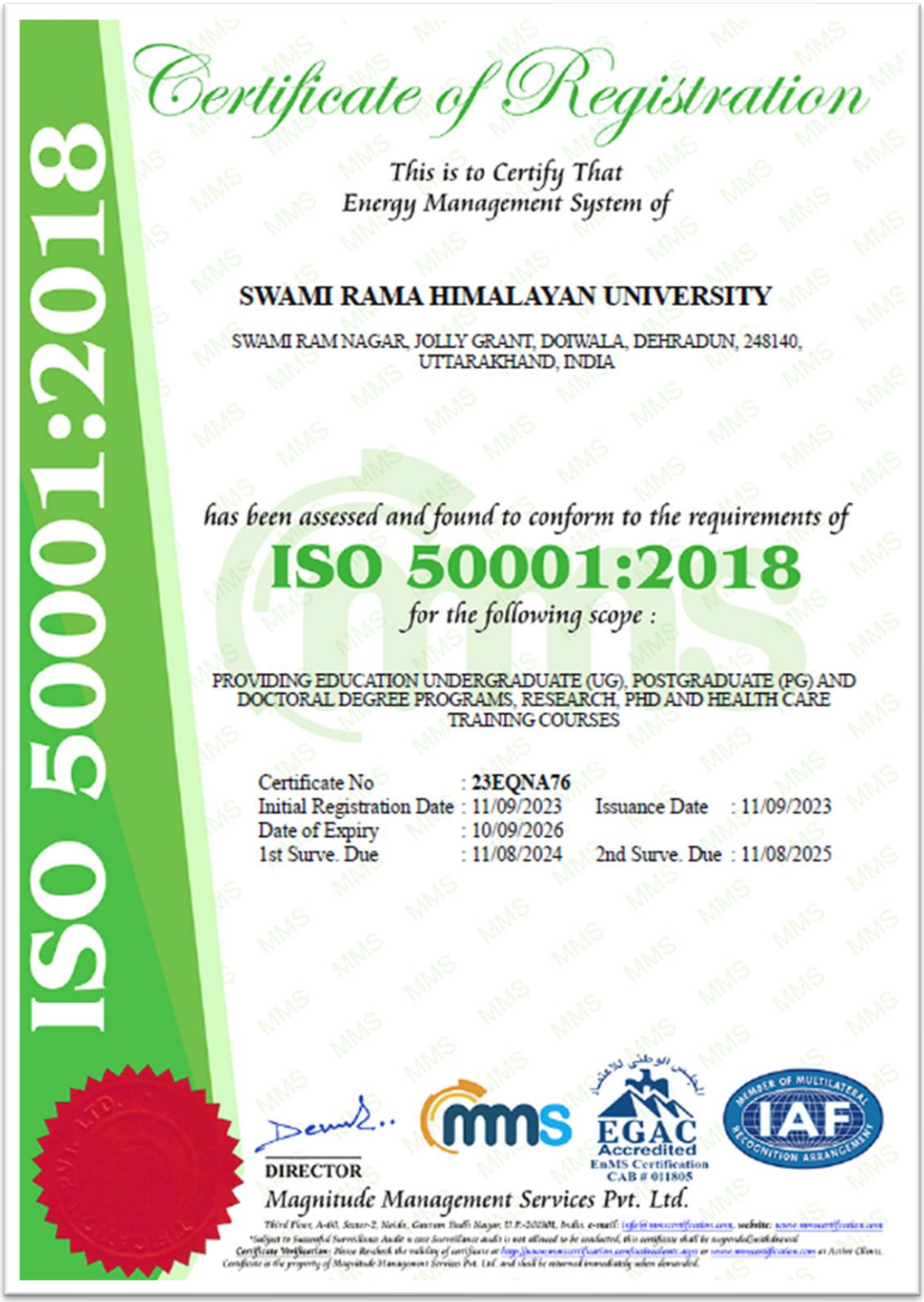
Swami Ram Nagar, Doiwala, Dehradun, Uttarakhand, India

Scope of GHG emissions	tCO_2e	%
Direct emissions to air	858	9.4
Indirect emissions from purchased energy	10	0.11
Other indirect emissions	8260	90.4
Total tCO_2e	9,128	

ECOSCIENCE CONSULTANCY, Lakshmi Vihar Colony, Bahadrabad Haridwar, Uttarakhand- 249402

Dr. Gurpreet Singh
(Authorized Signatory)
Lead Auditor – Green & Environment Audits
Ecoscience Consultancy, Uttarakhand

Date: 24/07/2024



ISO 50001:2018

Certificate of Registration

This is to Certify That
Energy Management System of

SWAMI RAMA HIMALAYAN UNIVERSITY

SWAMI RAM NAGAR, JOLLY GRANT, DOIWALA, DEHRADUN, 248140,
UTTARAKHAND, INDIA

has been assessed and found to conform to the requirements of

ISO 50001:2018

for the following scope :

PROVIDING EDUCATION UNDERGRADUATE (UG), POSTGRADUATE (PG) AND DOCTORAL DEGREE PROGRAMS, RESEARCH, PHD AND HEALTH CARE TRAINING COURSES

Certificate No	: **23EQNA76**		
Initial Registration Date	: 11/09/2023	Issuance Date	: 11/09/2023
Date of Expiry	: 10/09/2026		
1st Surve. Due	: 11/08/2024	2nd Surve. Due	: 11/08/2025

DIRECTOR

Magnitude Management Services Pvt. Ltd.

EGAC Accredited
EnMS Certification
CAB # 011805

MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT
IAF

Certificate of Registration

This is to Certify that
Environmental Management System of

SWAMI RAMA HIMALAYAN UNIVERSITY (SRHU)

SWAMI RAM NAGAR JOLLY GRANT, DOIWALA, DEHRADUN,
UTTRAKHAND - 248140, INDIA.

has been assessed and found to conform to the requirements of

ISO 14001:2015

for the following scope :

PROVIDING EDUCATION UNDERGRADUATE (UG), POSTGRADUATE (PG) AND DOCTORAL DEGREE PROGRAMS, RESEARCH, PHD AND HEALTH CARE SERVICE.

Certificate No	: **23EELG49**		
Initial Registration Date	: 22/05/2023	Issuance Date	: 22/05/2023
Date of Expiry	: 21/05/2024	Date of Re-Cert	: 21/05/2026

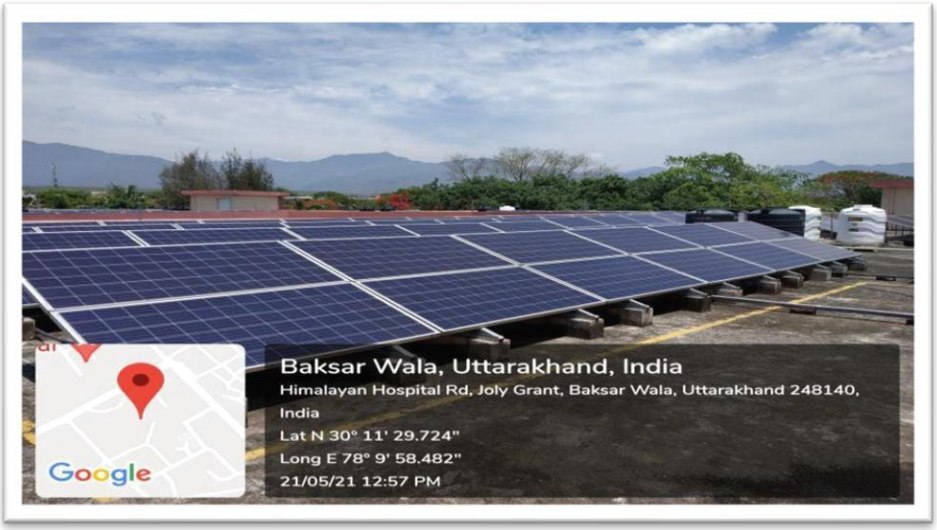
mms EGAC Accredited EMS Certification CAB # 118005 IAF MEMBER OF MULTILATERAL RECOGNITION ARRANGEMENT

Director

Magnitude Management Services Pvt. Ltd.
Third Floor, A-60, Sector-2, Noida, Gautam Budh Nagar, U.P.-201301, India
e-mail: info@mmscertification.com, website: www.mmscertification.com
* Subject to Successful Surveillance Audit and one surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn.
Certificate Verification: Please Re-check the validity of certificate at http://www.mmscertification... Clients.aspx or www.mmscertification.com at Active Clients
Certificate is the property of Magnitude Management Services Pvt. Ltd. and shall be ... immediately when demanded

Renewable Energy Adoption

SRHU has made significant progress in adopting renewable energy, particularly through its rooftop solar power initiative. The university has installed a 1.5 MW on-grid solar power plant, which has contributed substantially to its sustainability goals. Over the past three years, the plant has generated a total of 61,12,417 kWh, resulting in savings of Rs. 1.96 crore. Notably, 13.99% of the university's total electrical demand has been met through solar energy during this period. These initiatives not only reduce the university's carbon footprint but also set a model for other academic institutions in the transition to sustainable energy systems.



Use of renewable energy in the campus

Energy Efficiency Initiatives at SRHU: A Commitment to Sustainable Campus Operations

SRHU has implemented several energy efficiency initiatives to reduce its environmental footprint and promote sustainability on campus. One of the key efforts includes the widespread installation of LED lighting across the university, which has significantly reduced energy consumption and greenhouse gas emissions. This transition has led to a reduction in the electrical load of conventional lighting from 380 kW to 219 kW. Additionally, motion sensor-based LED lights have been installed in the college and hostel corridors, further minimizing energy wastage.

Energy efficient VFD driven pumps are being used in water cooled chillers in central air conditioning

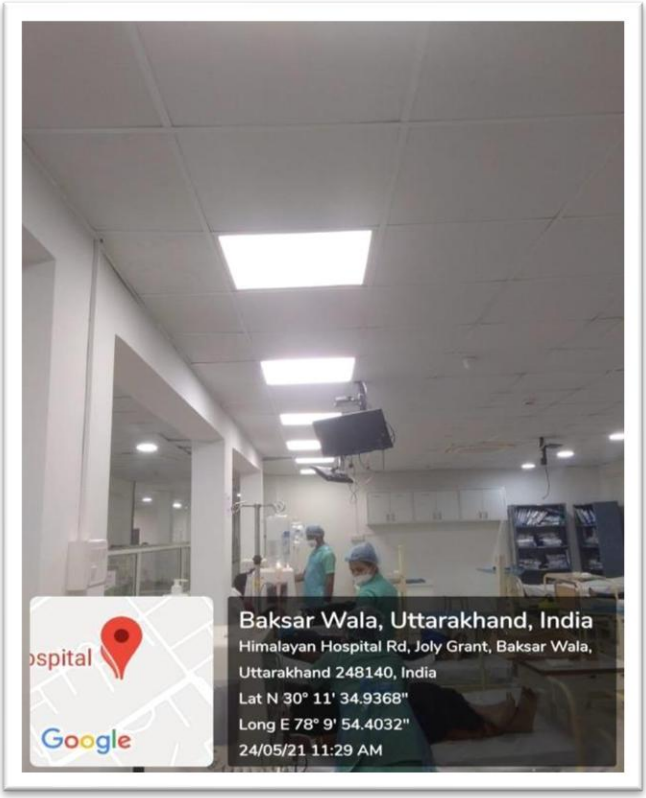
In the past three years, the university has made substantial progress in replacing conventional ceiling fans with energy-efficient 32-watt BLDC fans. This replacement of 2000 fans has saved a total of 3,04,608 kWh of electricity. Another significant step in energy conservation has been the replacement of old desktop computers with energy-efficient 120-watt models, resulting in a saving

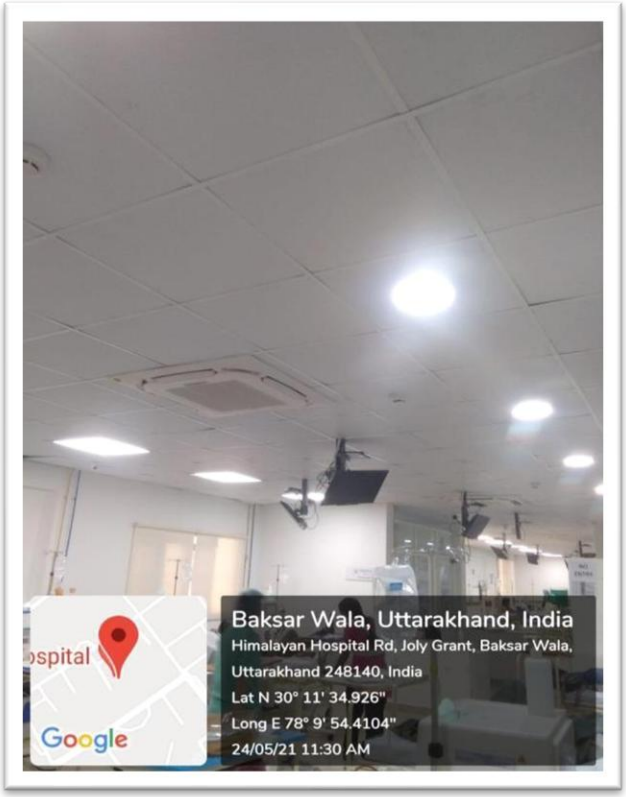
of 177.8 kWh per day (equivalent to 53,340 kWh annually). The university has also embraced high-efficiency BEE star-rated air conditioners, which provide energy savings of 20-45%. In addition, heat-reflective glass and heat-reflective paint have been used in air-conditioned areas and on rooftops, respectively, to improve air conditioning efficiency. To further reduce energy consumption, energy-saving message slips are displayed at electrical switchboards across the campus, encouraging responsible energy use.

Use of energy efficient LED and Fans

Use of BEE star-rated ACs

Use energy-saving message slips to save energy





Installation of LED lights throughout the campus to save energy

Looking ahead, the university has several forward-thinking energy conservation measures in place, including the installation of an EV charging station for campus electric vehicles, the introduction of an app-based cycle service for commuting within the campus, and the proposal for a 500 kW solar power plant. Additionally, the ongoing installation of PNG-powered dual-fuel DG sets will further reduce dependence on conventional fossil fuels. These combined efforts demonstrate SRHU's ongoing commitment to energy efficiency and sustainability, making the campus a model for energy-conscious institutions.

Water Conservation Practices at SRHU: A Sustainable Approach

At SRHU, a robust set of water conservation initiatives is in place, aimed at reducing water usage, enhancing sustainability, and preserving precious water resources for future generations. The university has implemented various strategies, including rainwater harvesting, groundwater recharging, the installation of waterless urinals, and innovative approaches to water usage in toilets and other facilities.

Rainwater Harvesting & Groundwater Recharging

SRHU benefits from an annual rainfall of 2073.3 mm, which is harnessed through a well-planned rainwater harvesting system. The rainwater collected from different surfaces including rooftops, road/ paved areas, open areas and green belts across the campus contributes significantly to water conservation. This brings the total annual volume of rainwater available for harvesting to 3,77,892.7 cubic meters. To complement this, the university has constructed 13 recharge pits and 2 borewell recharge structures, contributing to 796.73 cubic meters of groundwater recharging.

Installation of rainwater harvesting & Groundwater recharging system

Waterless Urinals: A Game Changer

In an effort to conserve groundwater, SRHU has installed 150 waterless urinals across the campus. Each waterless urinal saves an impressive 151,000 liters of water annually, resulting in a total water saving of 2.26 crore liters per year.

Installation of waterless urinals to save water and energy

Smart Water Usage in Toilets

SRHU has also implemented water-saving measures in its toilets. Sand bottles (1 liter each) are placed in cisterns, saving 15 liters per day for each of the university's 2000 toilets. This innovation has resulted in a total savings of 1.09 crore liters of water annually, based on 15 flushes per toilet each day.

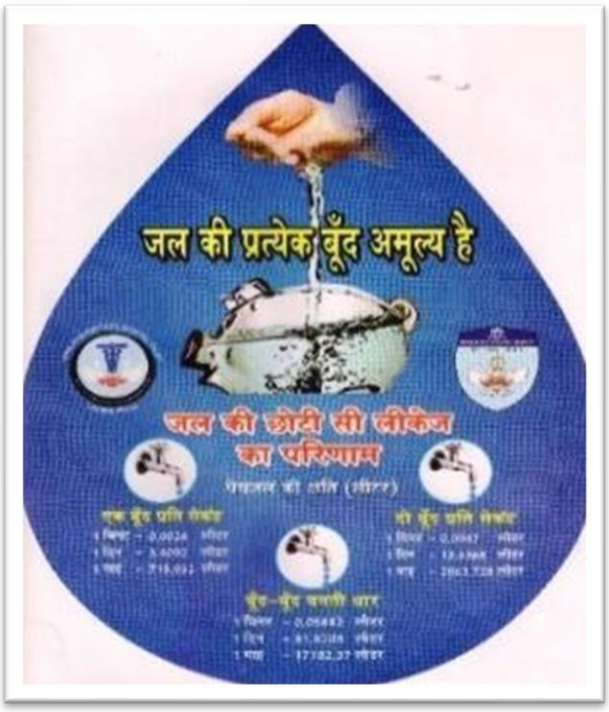
Condensed Water Collection

SRHU efficiently utilizes the condensed water collected from air conditioning units for cleaning purposes, contributing to water conservation efforts. This innovative practice helps reduce overall water consumption on campus, further supporting sustainability goals.

Condensed water collected from AC units used for cleaning

Awareness Campaigns and Behavioral Change

To further promote water conservation, SRHU has conducted a variety of awareness campaigns focused on water conservation. Pamphlets are distributed across the campus, and initiatives like Leakage Proof Campaigns and Water Day Celebrations engage the campus community in responsible water use. The university also promotes cleanliness through Swachhta Campaigns and utilizes condensed water collected from air conditioning units for cleaning purposes, contributing further to reducing overall water consumption.



These collective efforts highlight SRHU's commitment to water conservation and sustainable campus operations. Through rainwater harvesting, groundwater recharging, the use of waterless urinals, and awareness campaigns, SRHU continues to lead by example in its mission to conserve water and protect natural resources for future generations.

Greywater Recycling

The SRHU actively supports Sustainable Development Goal 13: Climate Action by integrating innovative water conservation practices into its sustainability initiatives. The university has implemented greywater recycling systems that repurpose water from sinks and showers for non-potable uses such as landscape irrigation. This approach significantly reduces overall water usage while promoting resource efficiency and environmental stewardship. By adopting such sustainable water management strategies, SRHU not only minimizes its ecological footprint but also sets an example of responsible resource utilization, demonstrating its commitment to addressing the challenges of climate change through practical and scalable solutions.

The campus operates an advanced Sewage Treatment Plant (STP) with a capacity of 1 MLD, utilizing MBBR technology and an extended aeration-activated sludge process to treat sewage effectively. The treated water complies with state pollution control board standards and is repurposed for irrigation in parks and green spaces, promoting sustainability and environmental compliance. Additionally, SRHU has implemented a 90 KLD Effluent Treatment Plant (ETP) to address wastewater from campus activities, including laboratories and laundry facilities. This treated wastewater is reused for non-potable purposes such as irrigation, conserving precious freshwater resources while minimizing environmental impact. These initiatives underscore SRHU's dedication to environmental stewardship, sustainable campus management, and proactive measures to combat climate change.

Sewage Treatment Plant (STP) at SRHU

Effluent Treatment Plant (ETP) at SRHU

Waste Management and Circular Economy

1. Waste Reduction and Segregation

The SRHU has implemented a comprehensive waste segregation system across its campus to promote sustainable waste management practices. Designated recycling bins for plastics, paper, and metals, as well as separate organic waste bins, are strategically placed throughout the university. This ensures that waste is correctly categorized at the source, facilitating efficient recycling and disposal. Additionally, SRHU emphasizes waste reduction through awareness campaigns that encourage the campus community to minimize waste generation by adopting sustainable consumption habits and reducing single-use materials.

2. Composting and Organic Waste

The University has established an innovative campus composting program to manage organic waste effectively. Food scraps from dining facilities and garden waste from landscaping activities are collected and processed into nutrient-rich compost. This compost is then utilized for landscaping and gardening across the campus, reducing reliance on chemical fertilizers and

promoting a circular waste management approach. These efforts not only reduce the volume of organic waste sent to landfills but also contribute to the enhancement of campus greenery.

3. E-Waste Management

Recognizing the environmental hazards posed by electronic waste, SRHU has developed a robust e-waste management system. The campus features dedicated collection points for the responsible disposal of old computers, phones, and other electronic devices. Partnering with certified e-waste recycling firms, SRHU ensures that electronic waste is handled in an environmentally safe manner, minimizing its impact on the ecosystem and promoting resource recovery through recycling. In response to this issue, SRHU has taken a proactive approach by establishing the E-Waste Store, a dedicated facility on campus for the responsible disposal and recycling of electronic devices. This convenient on-campus resource provides a simple solution for students, faculty, and staff to safely dispose of old and unwanted electronic equipment. All e-waste is processed with approval from IT experts, ensuring that data privacy concerns are addressed. The University follows a clear policy for managing e-waste through government-approved vendors. These vendors are invited to the E-Waste Store, where the e-waste is collected and disposed of according to government rules and regulations. A certificate of e-waste disposal is provided by the vendor to the University for official records, ensuring accountability and compliance with environmental standards.

4. Zero-Waste Events

SRHU is committed to hosting zero-waste events and conferences, aligning with its sustainability goals. These events are carefully planned to minimize waste generation by prioritizing reusable products such as plates, cups, and cutlery, and incorporating waste diversion strategies like composting and recycling. The university also engages attendees in sustainability efforts by providing clear instructions on waste segregation and actively promoting the use of environmentally friendly alternatives. These initiatives exemplify SRHU's dedication to reducing its ecological footprint and fostering a culture of sustainability within the campus community.

Regd. : 140/2014-15

Anmol Paryavaran Sanrakshan Samiti

(Green Solution for E-Waste Management certified by UEPPCB)

Facility of E-Waste Collection, Storage, Dismantling, Recycling, Refurbishing & Disposal

Regd. Off. : 119, Old Nehru Colony, Dehradun-248001

Works at : Kh. No. 85/2, 87/1, Daulatpur, Hajratpur Urf Budhwasahid Tehsil Roorkee, Distt. Haridwar

Email : apssdoon@gmail.com

Membership Certificate

This is Certify that M/s Himalayan Institute Hospital Trust, Swami Ramnagar, Jolly Grant, Dehradun, 248016

is a member of ANMOL PARYAVARAN SANRAKSHAN SAMITI with membership No. (20) *dated* 15.11.22

Date 15/11/2022

This Certificate is valid upto 31 March 2026

Vinay
President

Secretary

Sustainable Transportation and Mobility

SRHU demonstrates its commitment to Sustainable Development Goal 13: Climate Action by integrating electric vehicles (EVs) into its campus operations. This initiative significantly reduces greenhouse gas emissions by replacing fossil fuel-powered vehicles with eco-friendly EVs, thereby lowering the university's carbon footprint and contributing to a cleaner, healthier environment. EVs now serve as an efficient and sustainable mode of transportation for faculty, staff, campus shuttles, and maintenance activities. To further encourage the adoption of EVs, SRHU has strategically installed charging stations at key locations across the campus, facilitating the transition to greener transportation solutions and reinforcing its dedication to environmental sustainability.

Battery Powered Vehicle

Solid Waste Management Practices

The university effectively manages solid waste by segregating biodegradable and non-biodegradable materials at the source, using green and black bins placed throughout the campus. Housekeeping staff collect the waste daily in color-coded bags and transport it to a central collection site. Biodegradable waste is composted on-site to create manure, while a biogas plant generates biogas from cow dung and organic kitchen waste.

Collection of solid (general) waste from residences and hostels

Pit for organic waste composting

Climate Resilience and Adaptation

The University actively integrates climate resilience and adaptation strategies into its operations, research, and community outreach in alignment with the Sustainable Development Goals (SDGs). Recognizing the increasing risks posed by climate change, the university emphasizes capacity-building initiatives to enhance preparedness and resilience against climate-related challenges. SRHU promotes climate-smart practices, such as sustainable water management, and green infrastructure development, to mitigate vulnerabilities. Research and academic programs are geared toward developing innovative solutions for climate adaptation, empowering students and communities with the knowledge and tools to thrive in a changing environment. Through

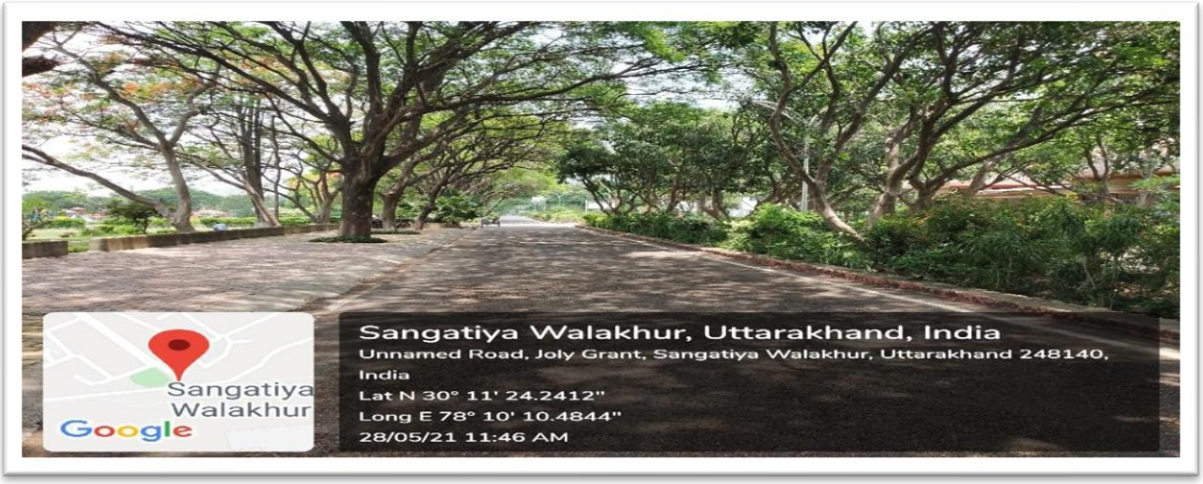
partnerships and policy advocacy, SRHU strengthens local and regional resilience, contributing to global efforts to combat climate change and fostering a sustainable future for all.

Landscaping plays a crucial role in promoting a green and sustainable campus at the University. By incorporating native plants, eco-friendly designs, and sustainable practices, the University enhances its aesthetic appeal while supporting biodiversity and environmental conservation. Thoughtfully designed green spaces, including gardens, tree-lined pathways, and water features, help reduce the carbon footprint, improve air quality, and create a tranquil environment that supports learning and well-being. Furthermore, initiatives such as organic waste composting, rainwater harvesting systems, and the use of low-maintenance plants further reinforce the University's commitment to sustainability and ecological responsibility. These efforts reflect SRHU’s dedication to achieving a harmonious balance between growth and environmental stewardship, ensuring a sustainable and thriving campus for future generations.

Green campus @SRHU

SRHU is dedicated to fostering a sustainable and environmentally conscious campus. One of the most impactful steps taken towards achieving this vision is the extensive tree plantation initiative within the university premises. Trees act as natural air filters, absorbing pollutants and releasing oxygen. This significantly contributes to improved air quality on campus, creating a healthier atmosphere for all. Trees provide shade and reduce the heat island effect, helping to maintain a comfortable and cooler campus environment, especially during hot seasons. SRHU's tree plantation initiative includes a wide variety of indigenous and exotic tree species carefully chosen to thrive in the local climate and conditions.

Plantation drives for Green campus



Green campus @SRHU

Climate Action Events and Celebrations

SRHU actively organizes Climate Action Events and Celebrations to raise awareness and inspire collective action toward sustainability. The campus commemorates global observances such as Earth Day, World Environment Day, and the COP climate summits with engaging activities that involve students, faculty, and staff. These events include climate action campaigns, tree plantation drives, clean-up initiatives, and interactive workshops focused on environmental conservation and sustainable living. By fostering dialogue through seminars, exhibitions, and student-led projects, SRHU creates a platform for learning and collaboration, empowering the university community to contribute meaningfully to global climate action efforts. The details of the organized activities are summarized below:

Name of Activity: Session on **'Environment and Sustainability'**
Date: 22nd September 2023
Time: 11:00 AM – 12:00 PM
Venue: Department of Community Medicine, HIMS, SRHU
Resource Person: Dr Ashutosh Kumar Choudhary, Department of Applied Sciences & Humanities, HSST, SRHU
Summary:
On 22rd September 2023, a session was delivered by Dr. Ashutosh Kumar Choudhary on the topic **'Environment and Sustainability**. He interacted with the newly admitted students on environmental issues and sensitized them towards environmental responsibilities. He also brief about the importance of sustainable use of natural resources and the role of an individual in attaining sustainability.

स्वामी राम हिमालयन विश्वविद्यालय
Swami Rama Himalayan University

Department of Community Medicine
Himalayan Institute of Medical Sciences
Swami Rama Himalayan University
Orientation Program Batch 2023-25 (21 Sept -22 Sept 2023)
MSc Clinical Research/ MSc Epidemiology
Venue: Department of Community Medicine

S. No	Sessions	Name of faculty	Time
	Day 1, 21 Sept 2022		
1	Course Registration & Document Verifications	Dr Nikku Yadav/ Dr Neha Sharma	09.30-10.30 hr
2	Address from HOD Code of Conduct	Prof AK Srivastava	10.30-10.45 hr
3	Yoga & Health	Dr Somlata Jha	10.45-11.45 hr
4	Professional Ethics	Prof DC Dhasmana	11.45-13.30 hr
5	Lunch	-	13.30-14.30 hr
6	Gender Sensitization	Dr Ekta Rao	14.30-15.30 hr
7	Entrepreneurship	Dr Ekta Rao	15.30-16.30 hr
	Day 2, 22 Sept 2023		
1	Human Value: Learn, Serve, Remember	Prof Sanjoy Das	09.00-10.00 hr
2	Personal and Professional Strengths	Mr Ashish Gupta	10.00 to 11.00 hr
3	Environment & Sustainability	Dr Ashutosh Choudhary	11.00 to 12.00 hr
4	University Visit Visit to Hospital, SRC, Library, CRI etc	Dr Neha Sharma/ MSc Senior Students	12.00 to 13.30 hr
5	Lunch	-	13.30-14.30 hr
6	Field visit: Environment & Sewage Treatment plant	Dr Ashutosh Choudhary	14.30- 16.30 hr

A.K.Srivastava
Dr AK Srivastava
(Prof & Head)
Department of Community Medicine
Himalayan Institute of Medical Sciences
Swami Rama Himalayan University
Swami Ram Nagar, Jolly Grant
Dehradun-248016, Uttarakhand, India

Name of Activity: Session on Sustainability and Environment

Date: 03 August 2023

Time: 9:30am-10:30am

Venue: Auditorium, HSST

Resource Person: Dr Ashutosh Kumar Choudhary, Department of Applied Sciences & Humanities, HSST, SRHU

Summary:

On 03rd August 2023, a session was delivered by Dr. Ashutosh Kumar Choudhary on the topic **'Sustainability and Environment'**. He interacted with the newly admitted students on environmental issues and sensitized them towards environmental responsibilities. He also brief about the importance of sustainable use of natural resources and the role of an individual in attaining sustainability.

Session on Sustainability and Environment at HSST, SRHU

NATIONAL CONFERENCE
on

ENVIRONMENT, WATER, AGRICULTURE, SUSTAINABILITY AND HEALTH (EWASH-2023): STRATEGIZING A GREENER FUTURE

&

5th Annual Meet of STE

22nd - 23rd December, 2023

at

SWAMI RAMA HIMALAYAN UNIVERSITY
Jolly Grant, Dehradun, Uttarakhand

Protect the Blue and Green make the Earth Pristine

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Jolly Grant, Doiwala, Uttarakhand

&

SAVE THE ENVIRONMENT
(A Society for Research Awareness and Social Development)
Kolkata / Gurugram

Name of Activity: *National Conference on Environment, Water, Agriculture, Sustainability, and Health (EWASH 2023)*

Date: December 22-23, 2023

Venue: Adi Kailash Auditorium, SRHU

Summary:

Swami Rama Himalayan University (SRHU) successfully organized *EWASH 2023: National Conference on Environment, Water, Agriculture, Sustainability, and Health* on December 22-23, 2023. Themed *"Protect the Blue and Green, Make the Earth Pristine,"* the two-day conference brought together experts, academicians, students, and policy makers to strategize for a greener future. Jointly hosted with Save the Environment (STE), DAV PG College Dehradun, and the National Academy of Sciences, Prayagraj, the event focused on innovative strategies for environmental conservation, water management, and sustainability. Highlights included the conferral of prestigious awards to faculty members of SRHU, recognizing their significant contributions. Dr Rajendra Dobhal received the STE Dr Praloy O. Basu Life time Achievement Award, Dr Sanjay Gupta was honoured with the STE Meritorious Award for Excellence in Academics and Research, Dr Archana Dhasmana received the STE Young Researcher Award, and Dr Nikku Yadav was awarded the STE Clinical Diagnosis and Research Award. The conference concluded with a collective resolution to implement sustainable practices and foster collaborations across all stakeholders to address pressing environmental challenges, ensuring impactful reforms in water management, agriculture, and conservation efforts.


Glimpses of the EWASH 2023

Glimpses of the EWASH 2023

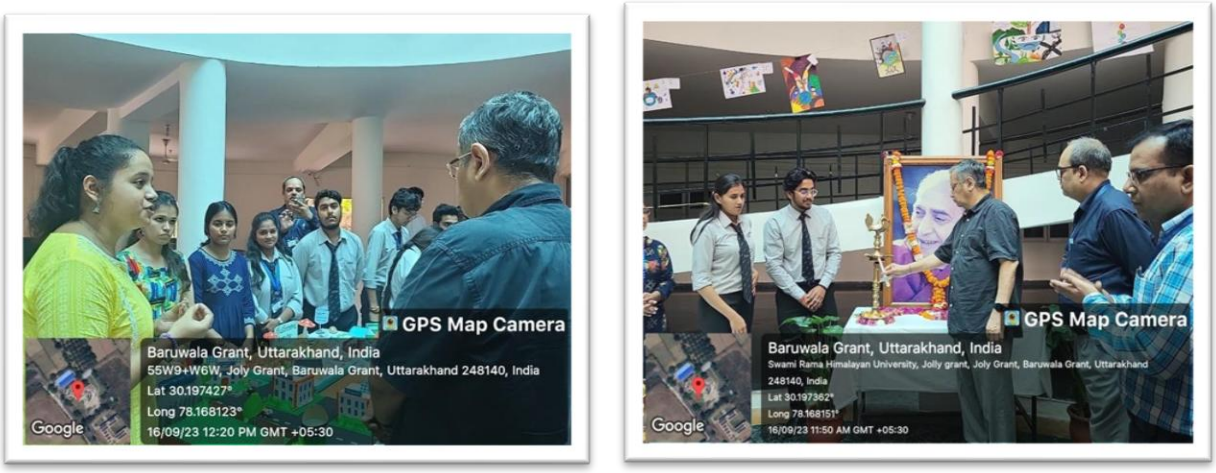
Name of Activity: Celebration of World Ozone Day

Date: Sep 16th, 2023

Venue: Himalayan School of Biosciences, SRHU

Summary:

The School of Biosciences organized a science-based competition for the students on 'World Ozone Day' on Sep 16th, 2023. The United Nations marks Sep 16 as the International day for the preservation of the Ozone layer. This year Ozone Day was held under the theme Montreal Protocol: fixing the ozone layer and reducing climate change. The principal aim of the Montreal Protocol is to protect the ozone layer by taking measures to control total global production and consumption of substances that deplete it. Wide participation of the students was witnessed on the occasion. Students came out with innovative ideas for preservation of the Ozone layer that protects us from harmful radiations. Students expressed their ideas in the form of beautiful Rangoli drawings, posters, on-spot oral presentations and very innovative scientific models. Dr C.S. Nautiyal, scientific advisor to the university gave a brief lecture on the significance of saving the environment and measures that can be practiced in real life situations. Dr Sanjay Gupta, Principal, along with all the faculty members evaluated the student's participants and prizes were distributed to meritorious students' winners.



Glimpses of World Ozone Day on Sep 16th 2023 at HSBS

Name of activity: NASI's Popular Lecture on Earth Day - 2024

Date: 22 April 2024

Facilitator: Dr. Bindu Dey

Venue: Aadi Kailash Auditorium, Near Emergency, SRHU

No. of Participants: 200

Objective: The primary objective of the lecture was to highlight the critical need for environmental protection to address the looming crisis on earth.

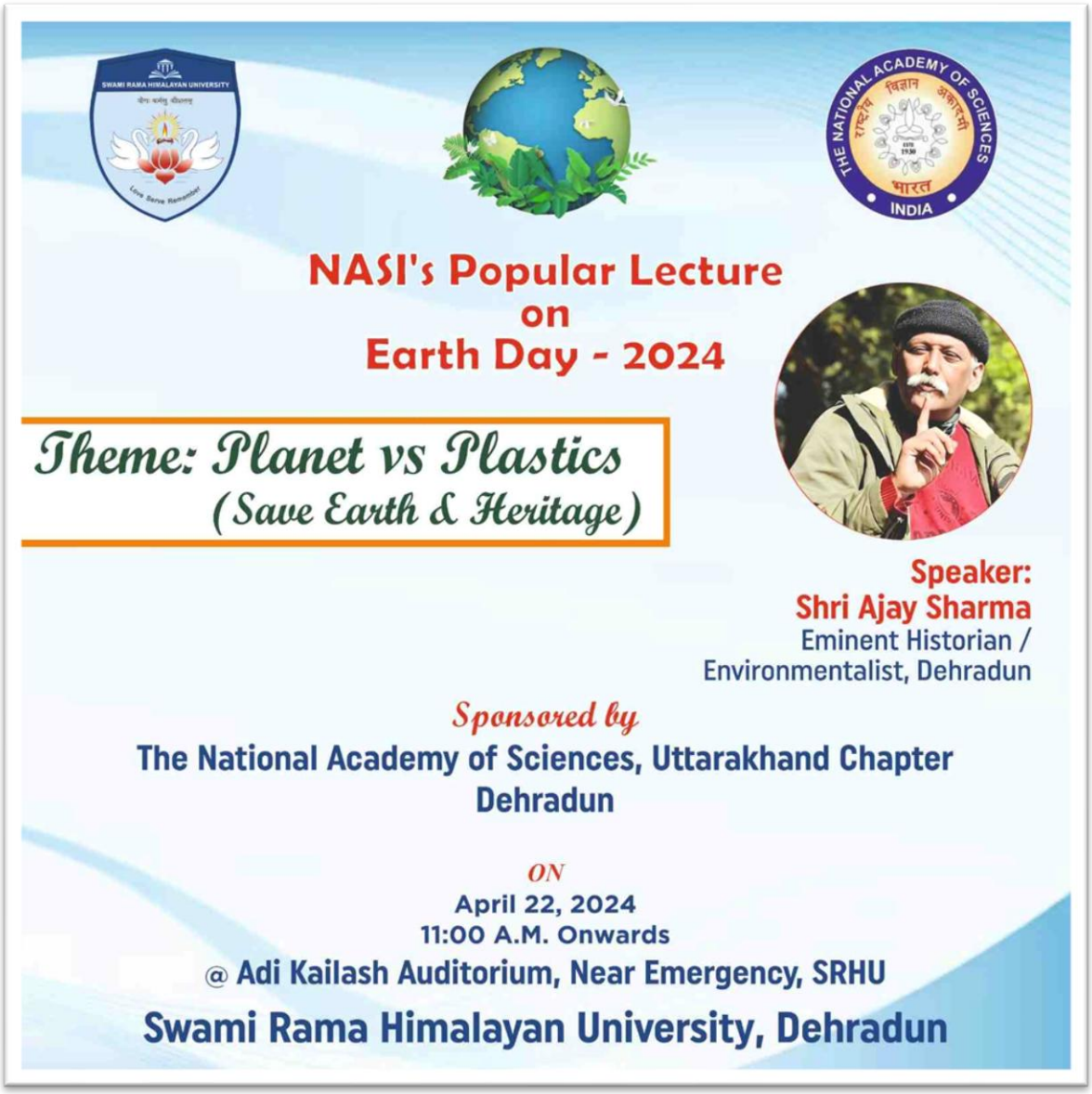
Summary: Hon'ble Vice Chancellor Dr. Rajendra Dobhal mentioned that this year's World Earth Day theme is "Planet Vs Plastic". The aim of this theme was to end the use of single-use plastics and to find alternatives. As an example for environmental conservation, a plastic bank has been established for plastic disposal. The keynote speaker renowned historian and environmentalist Ajay Sharma stated that earth was home not only to humans but also to millions of animals and plants. However, humans were continuously harming the Earth to fulfill their needs, leading to natural disasters.

Outcome: The outcome of an Earth Day lecture could vary depending on the content, audience, and goals of the lecture. Here were a few potential outcomes:

1. **Increased awareness:** The lecture has successfully raised awareness about environmental issues such as climate change, pollution, deforestation, or habitat loss among the audience.
2. **Education:** Attendees had learned new information about the environment, sustainability practices, or ways they can reduce their ecological footprint.
3. **Inspiration:** The lecture had inspired attendees to take action to protect the environment, whether through individual lifestyle changes, community initiatives, or advocacy efforts.
4. **Behavior change:** Some attendees may have been motivated to adopt more sustainable behaviors in their daily lives, such as recycling more, reducing energy consumption, or supporting environmentally-friendly policies and businesses.
5. **Networking and collaboration:** The lecture had provided an opportunity for like-minded individuals to connect, share ideas, and collaborate on environmental projects or initiatives.

6. **Policy impact:** In some cases, Earth Day lectures may have influence policymakers or stakeholders to take action on environmental issues, whether through legislation, corporate policies, or community initiatives.

   Overall, the outcome of an Earth Day lecture is ideally a combination of increased awareness, education, inspiration, and action towards creating a more sustainable and environmentally friendly world.



पृथ्वी मनुष्यों के साथ करोड़ों जीवों का घर

■ पृथ्वी पर मंडरा रहे संकट को दूर करने के लिए पर्यावरण संरक्षण को बेहद आवश्यक

■ सहारा न्यूज ब्यूरो

ऋषिकेश।

स्वामी राम हिमालयन विश्वविद्यालय जौलीग्रांट में विश्व पृथ्वी दिवस के अवसर पर अतिथि व्याख्यान का आयोजन किया गया। जिसमें विशेषज्ञ वक्ताओं ने पृथ्वी पर मंडरा रहे संकट को दूर करने के लिए पर्यावरण संरक्षण को बेहद आवश्यक बताया।

सोमवार को विश्वविद्यालय के आडिटोरियम सभागार में रेजनल एकेडमी ऑफ साइंसेज उत्तराखंड चैप्टर देहरादून के तत्वावधान में आयोजित विश्व पृथ्वी दिवस पर आयोजित अतिथि व्याख्यान को संबोधित करते हुए मुख्य वक्ता प्रख्यात इतिहासकार व पर्यावरणविद् अजय शर्मा ने कहा कि पृथ्वी मनुष्यों के साथ ही करोड़ों जीव-जंतुओं और वनस्पतियों के रहने का स्थान है। लेकिन, मनुष्य आवश्यकताओं की पूर्ति के लिए पृथ्वी को लगातार नुकसान पहुंचा रहा है। इसके चलते प्राकृतिक आपदाएं आ रही हैं। इस दौरान उन्होंने देहरादून शहर के इतिहास, भूगोल और वर्तमान भौगोलिक स्वरूप के बारे में भी जानकारी दी।

एसआरएचयू जौलीग्रांट के कुलपति डॉ. राजेन्द्र डोभाल ने कहा कि इस वर्ष विश्व पृथ्वी दिवस की थीम प्लैनेट वर्सेस प्लास्टिक है। इस थीम का उद्देश्य सिंगल यूज प्लास्टिक के उपयोग को समाप्त करना और उसके विकल्प को तलाश पर जोर देना है।

इस दौरान महानिदेशक शैक्षणिक विकास डॉ. विजेन्द्र चौहान, कुलसचिव डॉ. मुकेश विजयवाल सहित विभिन्न कॉलजों के फैकल्टी सहित छात्र-छात्राएं उपस्थित रहे।


पृथ्वी दिवस पर चर्चा करते विशेषज्ञ।

हिमालयन कॉलेज ऑफ नर्सिंग ने जागरुकता अभियान

हिमालयन कॉलेज आफ नर्सिंग के कम्यूनिटी हेल्थ नर्सिंग विभाग की ओर से थानो गांव में जागरूकता अभियान चलाया गया। इसमें बीएससी नर्सिंग के छात्र-छात्राओं ने प्राथमिक विद्यालय थानो में बच्चों को नटिका व पोस्टर प्रदर्शनी के माध्यम से पर्यावरण संरक्षण का संदेश दिया। इस दौरान प्रिंसिपल डॉ. सविता पुष्पवंडी व कविता सेलवाली ने पौधे रोपे। इस अवसर पर अतुल कुमार, शोभा मसीह, चंदन कुमार, जॉन डेविडसन आदि उपस्थित रहे।

पृथ्वी दिवस पर गोष्ठी का हुआ आयोजन

ऋषिकेश। पंजाब सिंह खेत इंटर कॉलेज में पृथ्वी दिवस पर गोष्ठी आयोजित की गई। जिसमें विज्ञान शिक्षिका डॉ. भावना रौतेला ने सभी को पृथ्वी दिवस को मनाने के बारे में जानकारी कराते हुए, पृथ्वी के संरक्षण में योगदान देने के लिए प्रेरित किया। इसके साथ ही दिगम्बर जैन समाज द्वारा आयोजित चित्रकला प्रतियोगिता में विजयी प्रतिभागियों को पुरस्कार वितरित किये। प्रतियोगिता में प्रथम लक्ष्यी व द्वितीय अमन रहे। इस मौके पर विद्यालय में बीएड प्रशिक्षुओं ने पृथ्वी दिवस के अवसर पर प्रधानाचार्य को पौधे भेंट किये।

एनएसएस ने पृथ्वी दिवस पर रोपित किए पौधे


पृथ्वी दिवस पर पौधे लगाते हुए।

ऋषिकेश। राजकीय इंटर कॉलेज आईटीबीपी चीरबट्ट ऋषिकेश में विश्व पृथ्वी दिवस पर राष्ट्रीय सेवा योजना प्रकोष्ठ द्वारा पूर्व में रोपित किए गए पौधों व विद्यालय गार्डन की निराई-गुड़ाई कर खरपतवार को नष्ट कर विश्व पृथ्वी दिवस मनाया गया।इस अवसर पर एनएसएस अधिकारी एकांस रावत, वीरपाल सिंह रावत, पूर्व कार्यक्रम अधिकारी विजयपाल सिंह, मनोज कुमार गुप्ता, इकार्ड प्रमुख नंदनी बड़थ्वाल सहित सभी स्वयं सेवियों ने प्रतिभाग किया।

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देहरादून
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मंगलवार, 23 अप्रैल 2024
मूल्य: 3.00 कुल पृष्ठ: 12

राष्ट्रीय हिंदी दैनिक
लोकसत्य
दिल्ली ● लखनऊ ● मेरठ ● देहरादून ● चंडीगढ़ ● भोपाल से प्रकाशित
सत्य के संग, असत्य से जंग

05 9 जगहों पर राष्ट्रीय जीव एजेंसी का छापा
11 हमारी महिला बैडमिंटनर्स लतरंज में दूसरे स्थान पर रहीं
फिल्म के लिए मानुषी बनीं नॉन वेजिटेरियन

विश्व पृथ्वी दिवस: पृथ्वी बचाने को एसआरएचयू जौलीग्रांट में एकजुट हुए विशेषज्ञ

पर्यावरण संरक्षण को बताया अहम, विभिन्न कार्यक्रम हुए आयोजित

चिंतन

- हिमालयन कॉलेज ऑफ नर्सिंग की ओर से थानो में आयोजित किया गया जागरुकता कार्यक्रम

डोईवाला,लोकसत्य।

स्वामी राम हिमालयन विश्वविद्यालय (एसआरएचयू) जौलीग्रांट में विश्व पृथ्वी दिवस के अवसर पर अतिथि व्याख्यान का आयोजन किया गया। इसमें विशेषज्ञ वक्ताओं ने पृथ्वी पर मंडरा रहे संकट को दूर करने के लिए पर्यावरण संरक्षण को बेहद आवश्यक बताया।

सोमवार को विश्वविद्यालय के आदि कैलाश सभागार में नेशनल एकेडमी ऑफ साइंसेज उत्तराखंड चैप्टर देहरादून के तत्वावधान में आयोजित विश्व पृथ्वी दिवस पर आयोजित अतिथि व्याख्यान को प्रख्यात इतिहासकार एवं पर्यावरणविद् अजय शर्मा ने कहा कि पृथ्वी मनुष्यों के साथ ही करोड़ जीव -जंतुओं और वनस्पतियों के रहने का स्थान है। लेकिन मनुष्य अपने आवश्यकताओं की पूर्ति के लिए पृथ्वी को लगातार नुकसान पहुंचा रहा है। इसके चलते प्राकृतिक आपदाएं आ रही है। इस दौरान उन्होंने देहरादून शहर के भौगोलिक स्वरूप के बारे में जानकारी दी।

एसआरएचयू जौलीग्रांट के कुलपति डॉ. राजेन्द्र डोभाल ने कहा कि इस वर्ष विश्व पृथ्वी दिवस की थीम 'प्लैनेट वर्सेस प्लास्टिक' है। इस थीम का उद्देश्य सिंगल यूज प्लास्टिक के उपयोग को समाप्त करना और उसके विकल्प की तलाश पर जोर देना है। को लेकर मिसाल स्थापित की है। प्लास्टिक निस्तारण को लेकर प्लास्टिक बैंक की स्थापना की गई है।

रिसर्च एंड डेवलपमेंट की निदेशक डॉ. बिन्दू डे उपस्थित सभी लोगों का धन्यवाद ज्ञापित किया। इस दौरान महानिदेशक (शैक्षणिक विकास) डॉ. विजेन्द्र चौहान, कुलसचिव डॉ. मुकेश बिजल्वाण

हिमालयन कॉलेज ऑफ नर्सिंग जौलीग्रांट ने थानो में जागरुकता अभियान

हिमालयन कॉलेज आफ नर्सिंग (एचसीएन) के कम्यूनिटी हैल्थ नर्सिंग विभाग की ओर से थानो गांव में जागरुकता अभियान चलाया गया। इसमें बीएससी नर्सिंग के छात्र-छात्राओं ने प्राथमिक विद्यालय थानो में बच्चों को नाटिका व पोस्टर प्रदर्शनी के माध्यम से पर्यावरण संरक्षण का संदेश दिया। इस दौरान प्रिंसिपल डॉ. संविता पुगाजंडी व कविता सोलंकी ने पौधे रोपे। इस अवसर पर अतुल कुमार, शोभा मसीह, चंदन कुमार, जॉन डेविडसन आदि फैकल्टी उपस्थित रहे।


पर्यावरणचर्चा
World Environment Day
"Our Land, Our Future." We are
Generation Restoration
5th June 2024, Wednesday
Venue: BC Roy Conference Hall,
Himalayan Institute of Medical Sciences
Organized by
Swami Rama Himalayan University
Sponsored by
Swami Rama Himalayan University and
National Academy of Sciences
Panelist
Dr Rajendra Dobhal
Hon'ble Vice Chancellor, SRHU
Dr Lokesh Ohri
Chief Executive Officer and Founder
Been There, Doon That
Dr Brij Mohan Sharma
Chief Functionary in Society of Pollution and
Environmental Conservation Scientists (SPECS)
Dr Vinod Bhatt
Executive Director Navdanya
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World Environment Day celebrated at SRHU

By OUR STAFF REPORTER

DEHRADUN, 5 Jun: World Environment Day was celebrated at Swami Rama Himalayan University, here, today. During the seminar organised on the occasion, a pledge was taken to take necessary steps for environmental protection and to raise awareness amongst people.

On Wednesday, a discussion on the environment was organized in the BC Roy Auditorium with the support of the National Academy of Sciences, India (NASI) on World Environment Day.

On this occasion, SRHU Vice-Chancellor Dr Rajendra Dobal said that pollution is spreading rapidly around the world, causing significant harm to nature. "We need to work together in the direction of environmental protection," he stated.

A discussion was held on the topic of river conservation and preparation for drought. He shared his experiences on how rivers can be saved and preserved from pollution.

Speaker Dr Lokesh Ohri, CEO of Been There, Doon That, maintaining ecosystems, supporting biodiversity, and ensuring water availability for human use by conserving rivers and dealing with droughts. Another speaker, Dr Brij Mohan Sharma, Chief Officer of SPECS, provided information on reducing environmental challenges for a sustainable future. He shared his experiences regarding the challenges people face due to environmental changes and suggested ways to mitigate the current situation while continuing development towards the future. Executive Director of Navdanya Biodiversity Farm, Dr Vinod biodiversity-based organic farming and indigenous climate crops for climate change mitigation and adaptation. He shared his experiences in the field of organic farming and its importance.

National Academy of Sciences, Uttarakhand Chapter, felicitated Dr Brij Mohan Sharma and Dr Dushyant Gaur of Swami Rama Himalayan University with cash prizes. Dr Vijendra Chauhan was awarded for a clean and green campus. The event was attended by Director of Research Dr Bindu De, Dr Ganesh Kumar, Dr Nikki Yadav, Abhishek Chandola, Garima Kapoor, Dr Smita Dimri, Dr Ujjwal Nautiyal, Dr Arvind Panwan, Rahul Pandey, Mridul Dimri, and others.

The Himalayan College of Nursing Literary Committee organised a World Environment Day quiz competition. As many as 145 students from the second, fourth, and fifth semesters of BSc Nursing participated. The Principal of the Nursing College, Dr Sanchita Pugazhendi, encouraged the students to protect the environment. On this occasion, Preeti Prabha Heena Negi and Dr Anupama were also