

ANNUAL PROGRESS REPORT

2022-2023



**SUSTAINABLE
DEVELOPMENT
GOALS**





SUSTAINABLE DEVELOPMENT GOALS

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NO POVERTY

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Swami Rama Himalayan University (SRHU) reaffirms its dedication to Sustainable Development Goal 1 (No Poverty) by focusing on community empowerment, sustainable livelihood creation, and education-driven socio-economic upliftment. Through its multidimensional initiatives, SRHU actively addresses poverty, fostering economic independence and inclusive development.

Curriculum Enrichment

SRHU's academic framework integrates poverty reduction as a key focus area, ensuring students develop the skills and knowledge necessary to tackle socio-economic challenges. Out of **1134 courses**, **153 courses** are strategically aligned with SDG 1 to create a meaningful impact.

Key Features of SDG 1-Aligned Courses

- **Equity and Inclusion:** Courses such as Community Health Nursing, Health Policy Planning, and Public Health Legislations foster equitable systems and promote access to essential resources for vulnerable populations.
- **Community-Based Solutions:** Subjects like Yoga, Naturopathy, and Holistic Health emphasize preventive care and sustainable health practices.
- **Socio-Economic Awareness:** Modules in Applied Sociology, Environmental Studies, and Business Environment explore root causes of poverty and avenues for socio-economic growth.

SRHU's curriculum not only addresses poverty as a standalone issue but also integrates it into broader discussions of health, environment, and economic opportunities, preparing graduates to drive long-term change

Rural Development Institute (RDI): Promoting Sustainable Livelihoods

The Rural Development Institute, an integral part of SRHU, has been a beacon of support for the underserved communities in the hinterlands of Uttarakhand. The Comprehensive Community Development Program (CCDP) launched by SRHU and RDI is a multi-faceted initiative aligned with **SDG 1**.

Comprehensive Community Development Program (CCDP)

The Comprehensive Community Development Programme is being implemented in the Toli area of Jaiharikhal block, Pauri Garhwal district with the objective of achieving sustainable and holistic development. The programme is designed to generate income opportunities,



provide health services, and improve the overall quality of life of the local communities through a need-based, demand-driven, and community-oriented approach.

Active involvement of Panchayati Raj Institutions (PRIs), local communities, and particularly women is a key feature of the programme. Community/individual action plans serve as the central strategy, making the project a model of participatory and community-based development.

Agriculture and Allied Initiatives

- **Promotion of Alternative Crops**

To address issues of fallow land and crop destruction by wild animals, the programme has promoted cultivation of rosemary, black cardamom, ginger, turmeric, and garlic. These crops are resilient, require minimal irrigation, and are suited to the local environment.

A value addition centre has been established to improve sorting, processing, and packaging of produce, thus linking farmers to larger and sustainable markets. Additionally, new technologies and practices have been introduced to overcome labour shortages and to demonstrate to the youth that agriculture can be a profitable livelihood option.

- **Lemongrass Distillation**

- Lemongrass was procured from 90 farmers across 4 villages, amounting to 1,85,000 Kg of raw produce.
- The produce was processed in a distillation unit, yielding 67 Kg of lemongrass oil.
- Farmers benefited as they received immediate payments at their doorstep, enhancing satisfaction and trust.



Lemon Grass



- **Rosemary Production**

- A total of 16.7 Kg of fresh rosemary stock was collected, processed, and marketed.
- Based on experience over the last two years, rosemary harvesting has now been discontinued from this year.

- **Turmeric, Ginger, Black Cardamom, and Chilli Cultivation**

- **Turmeric:** 2,100 Kg of raw turmeric was collected from 28 farmers in 13 villages, yielding 325 Kg of processed turmeric, which was sold within 30 days.
- **Chillies:** 85 Kg of fresh red chillies from 15 families across 8 villages were processed into chilli powder, sold within a week.
- **Ginger:** 1 Kg of ginger powder was processed and sold in 100 gm packs.
- **Black Cardamom:** 37 Kg collected from 2 farmers was sold immediately.



Ginger, black cardamom, chilli and turmeric

Establishment of Poly-house

A 100-square-metre poly-house was established for growing chillies, cauliflower, and other crops. The facility also produced over 500 Kg of ginger, showcasing the potential of protected cultivation.



A poly-house established for growing a variety of crops and vegetables

Plantation Drive

- 125 mango and 125 lemon saplings were planted by 2 farmers in the area.
- Four existing orchards were strengthened with compost fertilizers and technical support from the State Horticulture Department.
- 10 women farmers were provided with farming tools to sustain and expand their agricultural activities



Distribution of mango and lemon saplings to farmers for plantation.



Farmer planting saplings on agricultural land during the plantation drive



Women farmers receiving farming tools to support and expand their agricultural activities

Tailoring and Livelihood Promotion

The tailoring unit contributes by stitching uniforms for university students and staff and producing hospital-use masks, scarves for SRHU convocation, and cultural/religious items (mala pouch, japa bag, sandbag, yoga kits).

Under the Tailoring and Handicraft Training program, 62 girls, women, and boys were trained in tailoring and handicrafts across Itharna, Laltappar, and Mayakund centres, including two Gujjar Bastis. An online Art Therapy sessions were conducted for children. The Nagthat tailoring centre continue to train women, who have now begun producing woollen clothes. In Bahadrabad block (Haridwar district), a one-year tailoring programme was initiated.

A specialized Bella Tailoring Course was introduced for the Flying Birds community, aimed at empowering women and girls with tailoring skills. 8–10 women and girls are receiving regular training under the supervision of a dedicated trainer.



Practical training in tailoring under the livelihood promotion program.



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ZERO HUNGER

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Academic Programs and Sensitization Efforts

The University is offering 83 courses across 18 programs concerned with nutrition and related topics to students under different programs, ensuring that future professionals are well-equipped with knowledge and skills to address food security and nutrition challenges.

Various academic units of the University are regularly sensitizing the community and patients attending its hospitals, outreach clinics, and health centers about safe motherhood and the importance of nutrition during pregnancy. On the occasion of Breastfeeding Week, faculty members and students actively promote breastfeeding through diverse approaches, including talks, lectures, rallies, role plays, and poster competitions.

Health Education and Awareness Generation Activities

World Breastfeeding Week

Date: -August 1 to 7, 2022

Activities: The Himalayan College of Nursing's Department of Child Health Nursing and Pediatrics organized "World Breastfeeding Week" from August 1st to 7th, 2022. The event began with a welcome address by Dr. Sanchita Pugazhendi, Principal, emphasizing the importance of breastfeeding for babies and children's health. The program included a role play on breastfeeding importance, a quiz competition, and various group activities to raise awareness about breastfeeding techniques and advantages. A cervical cancer awareness campaign was also done under the joint efforts of the Department of Obstetrics and Gynecology and the Department of Oncology. The campaign educated all the women who came to the health facility on the day regarding the screening and vaccination against cervical cancer and thus how it can be prevented. Skits were also performed by the MBBS students regarding the above. The event ended with applause for all the participants by the people.

Place of Event: Department of Child Health Nursing and Pediatrics, HCN and Seminar room, Dept of Community Medicine, HIMS, SRHU

Participants: People from the Community area, students and Faculty members of HCN, Dept. Of OBG & Community Medicine, HIMS, SRHU



Presentations by MBBS students in the Department of Community Medicine, HIMS, SRHU



Participants of the event



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जं. 08 अंक: 19
दिनांक: 08 अक्टूबर, 2022
महानगर, 02 अक्टूबर, 2022
मुद्रण: 2.00 कुल पृष्ठ: 12

लोकसत्य

राष्ट्रीय हिंदी दैनिक

सत्य के संग, असत्य से जंग

05

मुम्बई में 9 अक्टूबर मिराकलर

दुर्लभ से दुर्लभ से सात तुल्य की रीत

07

किशन खड्ग को बंद कर रही थी अनन्ना खोड

12

माँ का दूध शिशु के लिए अमृत तुल्य : डॉ संचिता

जागरूकता

हिमालयन हॉस्पिटल जौलीग्रंट में विश्व स्तनपान दिवस पर चलाया जागरूकता अभियान

डोईवाला, लोकसत्य।

हिमालयन हॉस्पिटल जौलीग्रंट में विश्व स्तनपान दिवस मनाया जा रहा है। सप्ताह भर तक आसपास के क्षेत्र व अस्पताल आने वाली महिलाओं को स्तनपान के महत्व के विषय में जानकारी दी जायेगी।

सोमवार को हिमालयन अस्पताल के बाल रोग विभाग व हिमालयन कॉलेज ऑफ नर्सिंग के संयुक्त तत्वावधान में क्विज प्रतियोगिता का आयोजन किया गया। इसके लिए पांच टीमें बनायीं गयीं। जिसमें वंशिका और लुम्बिनी को विजेता घोषित किया गया। नर्सिंग कॉलेज की प्राचार्या डॉ. संचिता पुगाजंडी ने सभी प्रतिभागियों को सम्मानित किया। इस अवसर पर



उन्होंने कहा कि विश्व स्तनपान सप्ताह स्तनपान से संबंधित विषयों पर जागरूकता बढ़ाने के लिए एक वैश्विक अभियान है। स्तनपान को बढ़ावा देना हमारी साझी जिम्मेदारी है। माँ का दूध सर्वोत्तम अमृत तुल्य है। सही तरीके और समुचित स्तनपान से आने वाली पीढ़ी निश्चित रूप से स्वस्थ रहेगी। पीडियाट्रिक नर्सिंग की विभागाध्यक्ष इमोन चामू ने कहा कि स्तनपान को बढ़ावा देने में नर्सों के सहयोग का काफी महत्व है। कार्यक्रम में डॉ. दीपशिखा, डॉ.

सनोबर, डॉ. आदित्य, राजकुमारी सिल्विया देवी, वंदना चौहान, रश्मि भारद्वाज, नम्रता पुंडीर, सोना सिंह शामिल हुये। दूसरी ओर कम्यूनिटी मेडिसिन विभाग की ओर से कुड़कावाला आंगनवाड़ी केन्द्र में महिलाओं को स्तनपान के विषय में जागरूक किया गया।

इस अवसर पर डॉ. रुचि जुयाल, डॉ. दिव्या शर्मा, डॉ. शुभांगी लिंगवाल, डॉ. शुभांगी जुयाल, डॉ. शुभम गर्ग, डॉ. गुनीत सिंह, रेनु, रूखसाना उपस्थित थे।

अमर उजाला



स्तनपान दिवस पर महिलाओं को जागरूक करती एम्बरएचयू की छात्रा। संवाद

महिलाओं को स्तनपान के प्रति किया जागरूक

संवाद न्यूज एजेंसी

हिमालयन अस्पताल में आयोजित किया गया जागरूकता कार्यक्रम

डोईवाला। हिमालयन अस्पताल जौलीग्रंट में विश्व स्तनपान दिवस मनाया जा रहा है। सप्ताह भर तक आसपास के क्षेत्र और अस्पताल में आने वाली महिलाओं को स्तनपान के महत्व के विषय में जानकारी दी गई।

सोमवार को हिमालयन अस्पताल के बाल रोग विभाग और हिमालयन कॉलेज ऑफ नर्सिंग की ओर से क्विज प्रतियोगिता आयोजित की गई। पांच टीमों के बीच हुए मुकाबले में वंशिका और लुम्बिनी को विजेता घोषित किया गया। नर्सिंग कॉलेज की प्राचार्या डॉ. संचिता पुगाजंडी ने विजेताओं को सम्मानित किया।

प्राचार्या ने कहा कि विश्व स्तनपान सप्ताह से स्तनपान से संबंधित विषयों में जागरूकता बढ़ाने के लिए एक वैश्विक

अभियान है। प्रति वर्ष एक से सप्ताह अलग-अलग सप्ताह मनाया जाता है। स्तनपान को बढ़ावा देना हमारी सामूहिक जिम्मेदारी है। यह हर शिशु का जन्मसिद्ध अधिकार है। इससे शिशु का सर्वांगीण विकास होता है।

कार्यक्रम में डॉ. दीपशिखा, डॉ. सनोबर, डॉ. आदित्य, राजकुमारी सिल्विया देवी, वंदना चौहान, रश्मि भारद्वाज, नम्रता पुंडीर आदि थे। वहीं, दूसरी ओर कम्यूनिटी मेडिसिन विभाग की ओर से कुड़कावाला आंगनवाड़ी केन्द्र पर महिलाओं को स्तनपान के लिए जागरूक किया गया। कार्यक्रम में डॉ. रुचि जुयाल, डॉ. दिव्या शर्मा, डॉ. शुभांगी लिंगवाल, डॉ. शुभम गर्ग, डॉ. गुनीत सिंह, रेनु, रूखसाना आदि मौजूद थे।

Media coverage on initiatives by SRHU on the occasion of World Breastfeeding Week

World Diabetes Day Observation

Date: - November 14, 2022

Activities: - On the occasion of World Diabetes Day, The Department of Physiology, Himalayan Institute of Medical Sciences, Swami Rama Himalayan University along with the Association of Physiologists of India (ASSOPI) organized a national online CME on the theme "Reversing Diabetes: A Road to Remission". It also explored the new avenues in Diabetic retinopathy, Exercise prescription and the scope of Bariatric Surgery. A scientific e-poster competition was also organized for the students.

Place of Event: -Conference room, HIMS, SRHU

Participants: -Faculty of various dept., HIMS, SRHU and other Nationwide colleges and universities.



Faculty participating in online CME, at conference hall, HIMS, SRHU.

Awareness sessions are conducted in the community and Anganwadi centres to emphasize the importance of nutrition for antenatal and postnatal women (ANCs and PNCs), under-five children, and the geriatric population. Mothers are educated about locally available, affordable nutritious foods and their preparation methods.

Mother and Child Health Camps

The University demonstrates its commitment to improving maternal and child health by regularly organizing Maternal and Child Health (MCH) camps. These camps provide essential healthcare services to pregnant and lactating women, ensuring a comprehensive approach to their well-being. Key services offered include general health examinations, risk assessments, and primary investigations such as blood pressure monitoring, blood sugar tests, and haemoglobin estimation. Prophylactic treatments, including micronutrient supplementation and anaemia management, are also provided. Additionally, these camps emphasize the importance of health education through individual and group counselling sessions, covering topics such as nutrition, family planning, self-care during pregnancy, institutional delivery, breastfeeding, hygiene, and postnatal care. Through these efforts, the University plays a vital role in promoting maternal and child health within the community.

Maternal health camp

2022-23 Menstrual Hygiene Management Trainings



School Health

The University plays an instrumental role in promoting the health and well-being of school-aged children through the implementation of regular school health camps. These camps are designed to deliver comprehensive health services, including systematic growth monitoring and the early identification of common health concerns such as nutritional deficiencies, developmental delays, and other preventable conditions. Alongside offering timely medical interventions, the camps emphasize the importance of health education and awareness as key components of sustainable well-being. Children are systematically educated on critical topics such as balanced nutrition, effective handwashing techniques, and personal hygiene practices, equipping them with essential knowledge to maintain and improve their health. By addressing health challenges at an early stage and fostering the adoption of healthy habits, the University significantly enhances the overall physical and developmental outcomes of children, thereby making a lasting impact on the well-being of the community it serves.



Health check-up in progress during a school health camp





Health check-up in progress during a school health camp

2022-2023 School Health Camps

Extension and Outreach Activities, Livelihood Activities

All constituent units of the University actively participate in extension and outreach activities to address food security, nutrition, and sustainable agricultural practices. These initiatives involve collaborations with local communities to enhance awareness and provide practical solutions for achieving Zero Hunger.

Comprehensive Community Development Program- Promoting Sustainable Livelihoods

The Rural Development Institute (RDI) of SRHU is implementing the Comprehensive Community Development Programme (CCDP) in Toli, Jaiharikhal block, Pauri Garhwal to improve quality of life through sustainable livelihoods, health services, and community empowerment. The initiative is aligned with SDG 1 (No Poverty) and strongly contributes to SDG 2 (Zero Hunger) by enhancing food security and agricultural sustainability.

Key Interventions

Agriculture & Allied Activities



- **Alternative Crops:** Rosemary, black cardamom, ginger, turmeric, garlic promoted on fallow land resistant to wild animals.
- **Value Addition & Market Linkages:** Processing units for turmeric, chillies, ginger, cardamom, and lemongrass oil ensured timely sales and better returns.
- **Poly-house Cultivation:** Produced **500+ Kg ginger** along with chillies and cauliflower, showcasing modern protected farming.
- **Plantation Drive:** 125 mango and 125 lemon trees planted; orchards supported with compost and horticulture linkages.
- **Women Farmers:** Provided with tools to strengthen agricultural participation.



Cultivation of Rosemary, turmeric, ginger, black cardamom, and chili etc.



Farmers enhancing productivity through poly-house cultivation, fruit plantation, and sustainable orchard management with technical support



Plantation activities and distribution of agricultural tools to women

Tailoring & Livelihood Promotion

- **Production:** Uniforms, masks, scarves, cultural/religious items, and student support materials.
- **Training:** Over 70 women, girls, and youth trained in tailoring and handicrafts across centres and Gujjar bastis.
- **Bella Tailoring:** Introduced for Flying Birds community; 8–10 women/girls trained for supplementary income.



Training in tailoring and handicrafts across centres and Flying Birds community

Outcomes

Income generation through diversified crops and processing.

- **Food and nutrition security** enhanced via local cultivation, reduced dependency on external supply.
- **Women's empowerment** through farming tools and tailoring-based livelihoods.
- **Youth engagement** in agriculture through new technologies and profitable models.
- **Sustainable markets** linked to local produce, ensuring long-term viability.

Healthy and Affordable Food Choices on Campus

Recognizing the importance of nutrition for students, faculty, and staff, the University has implemented several initiatives to provide healthy and affordable food options on campus:

Cafeterias and Canteens

Multiple on-campus outlets offer a variety of nutritious and affordable food options. These meals are prepared using fresh, locally sourced ingredients to ensure quality and sustainability.



PG Hostel mess



So Comida café in the SRHU Campus



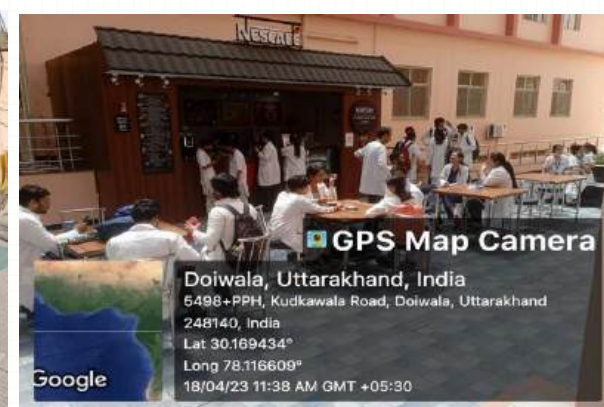
Coffee shop in the New OPD Block



Kafe Koffee Meals shop



Coffee shop in the SRHU Campus



NESCAFÉ in the SRHU Campus



Aanchal Cafe in the SRHU Campus

Hygiene and Food Safety

The University places a strong emphasis on maintaining high standards of hygiene in the preparation and serving of food. To ensure this, kitchens and food preparation areas undergo routine cleaning and thorough sanitization. Additionally, all individuals involved in food handling are provided with comprehensive training in food safety protocols to uphold the quality and safety of the food served

Research and Development Initiatives

The University has made notable advancements in fostering sustainable food practices through dedicated research and development initiatives. A significant example is the work undertaken by the School of Biosciences, which focuses on the cultivation of diverse mushroom varieties. This initiative seeks to equip local farmers with the skills needed for mushroom cultivation, thereby empowering them to embrace sustainable and economically viable agricultural practices. Additionally, 32 publications, including SCOPUS-indexed papers, books, and book chapters, have been aligned with Sustainable Development Goal 2.

Article • Open access

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Insights on bio-functional properties of Myrica esculenta plant for nutritional and livelihood security
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Article

Novel food materials: Fundamentals and applications in sustainable food systems for food processing and safety. Gupta, A.K., Pratiksha,, Das, T., ...Ranjan, R., Mishra, S. **Food Bioscience**, 2023

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Interaction Mechanism between α -Lactalbumin and Caffeic Acid: A Multispectroscopic and Molecular Docking Study. Al-Shabib, N.A., Khan, J.M., al-Amri, A.M.S., Vijay, K., Sen, P. **ACS Omega**, 2023

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Nutritional Services in Hills of Uttarakhand– An Overview. Haldar, P., Viswanath, L., Srivastava, A.K. **National Journal of Community Medicine**, 2023

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Tobacco smoking-related risk for iron deficiency anemia: A case-control study. Vivek, A., Kaushik, R.M., Kaushik, R.M. **Journal of Addictive Diseases**, 2023

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Pattern of nutritional status in node-negative versus node-positive head and neck cancer patients



undergoing treatment: a prospective cohort study. Arora, A., Saini, S.K., Gupta, M. Supportive Care in Cancer, 2022

Article • Open access

Nutritional Status and its Determinants in Toddlers: A case study of Hilly region of Uttarakhand Haldar, P., Viswanath, L., Srivastava, A.K., Sati, H.C. Indian Journal of Community. Health, 2022

Book Chapter • Open access

Impact of endophytic fungi in biotic stress management. Tyagi, J.P., Chaudhary, P., Jyotsana,, ...Bhandari, G., Chaudhary, A. Plant Protection: From Chemicals to Biologicals, 2022

Book Chapter

Agricultural Science with IoT. Pant, Y. Internet of Things for Agriculture 4.0: Impact and Challenges, 2022

Article

Metal based nanoparticles trigger the differential expression of key regulatory genes which regulate iron and zinc homeostasis mechanism in finger millet. Chandra, A.K., Pandey, D., Tiwari, A., .Dhasmana, A., Kumar, A.A. Journal of Cereal Science, 2021

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Approach Towards Sustainable Crop Production by Utilizing Potential Microbiome. Rani, U., Kumar, M., Kumar, V. Microorganisms for Sustainability, 2021

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Diversity and Function of Microbes Associated with Rhizosphere of Finger Millet (Eleusine coracana) Choudhary, R., Rawat, G., Vijay, K., Kumar, V.R. Microorganisms for Sustainability, 2020

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Probiotics in agroecosystem. Kumar, V.R., Kumar, M., Sharma, S.V., Prasad, R. Probiotics in Agroecosystem, 2017



Book Chapter

Current scenario of root exudate-mediated plant-microbe interaction and promotion of plant growth
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A study on infant feeding practices among mothers of a rural hilly area of district Dehradun. Vyas, S. Bangladesh Journal of Medical Science, 2016

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Anthropometric profile of children attending anganwadi centers under integrated child development services (ICDS) scheme in doiwala block. Kaur, G.D., Aggarwal, P.K., Kakkar, R. Indian Journal of Community Health, 2015

Article

Nutritional status and associated comorbidities among the elderly in Doiwala block, Dehradun Kritika,, Deepshikha,, Semwal, J., Juyal, R., Sati, H.C. Indian Journal of Community Health, 2015

Article

Nutritional status in multi-drug resistance-pulmonary tuberculosis patients.
Kumar, A., Kakkar, R., Kandpal, S.D., Sindhwani, G. Indian Journal of Community Health, 2015

Article

Undernutrition and the incidence of tuberculosis in India: National and subnational estimates of the population-attributable fraction related to undernutrition. Bhargava, A., Benedetti, A.L., Oxlade, O., Pai, M., Richard (Dick), M. National Medical Journal of India, 2014

Article

Trends in weaning practices among infants and toddlers in a hilly terrain of a newly formed state of India. Vyas, S., Kandpal, S.D., Semwal, J., Chauhan, S., Nautiyal, V. International Journal of Preventive Medicine, 2014

Article • Open access

Nutritional Status of Adult Patients with Pulmonary Tuberculosis in Rural Central India and Its Association with Mortality. Bhargava, A., Chatterjee, M., Jain, Y., ...Pai, M., Richard (Dick), M. PLoS ONE, 2013

Article

Pattern of prevalence of risk factors for non-communicable diseases in the geriatric population of district Dehradun. Kandpal, S.D., Kakkar, R., Aggarwal, P.K., Bansal, S.K. Journal, Indian Academy of Clinical Medicine, 2013



Article

Megaloblastic anaemia in hospitalised children. Chhabra, A., Chandar, V., Gupta, A., Chandra, H. Journal, Indian Academy of Clinical Medicine, 2012

Article

Effect of gender on correlation of anaemia with body mass index in medical students. Saxena, Y., Shrivastava, A., Saxena, V. Indian Journal of Physiology and Pharmacology, 2011

Article

Tobacco smoking-associated risk for tuberculosis: A case-control study. Gambhir, H.S., Kaushik, R.M., Kaushik, R.M., Sindhwani, G. International Health, 2010

The University adopts a comprehensive and dynamic approach to achieving Sustainable Development Goal 2—Zero Hunger—by seamlessly integrating academic excellence, healthcare services, community outreach, and cutting-edge research. This multifaceted strategy not only fosters awareness of global food security and nutrition challenges but also emphasizes the development and implementation of practical, evidence-based solutions. By addressing these critical issues through education, innovation, and active engagement with local and global communities, the University continues to play a pivotal role in creating a sustainable and equitable future, leaving a lasting and transformative impact on society.



**SUSTAINABLE
DEVELOPMENT GOALS**

SUSTAINABLE DEVELOPMENT GOALS



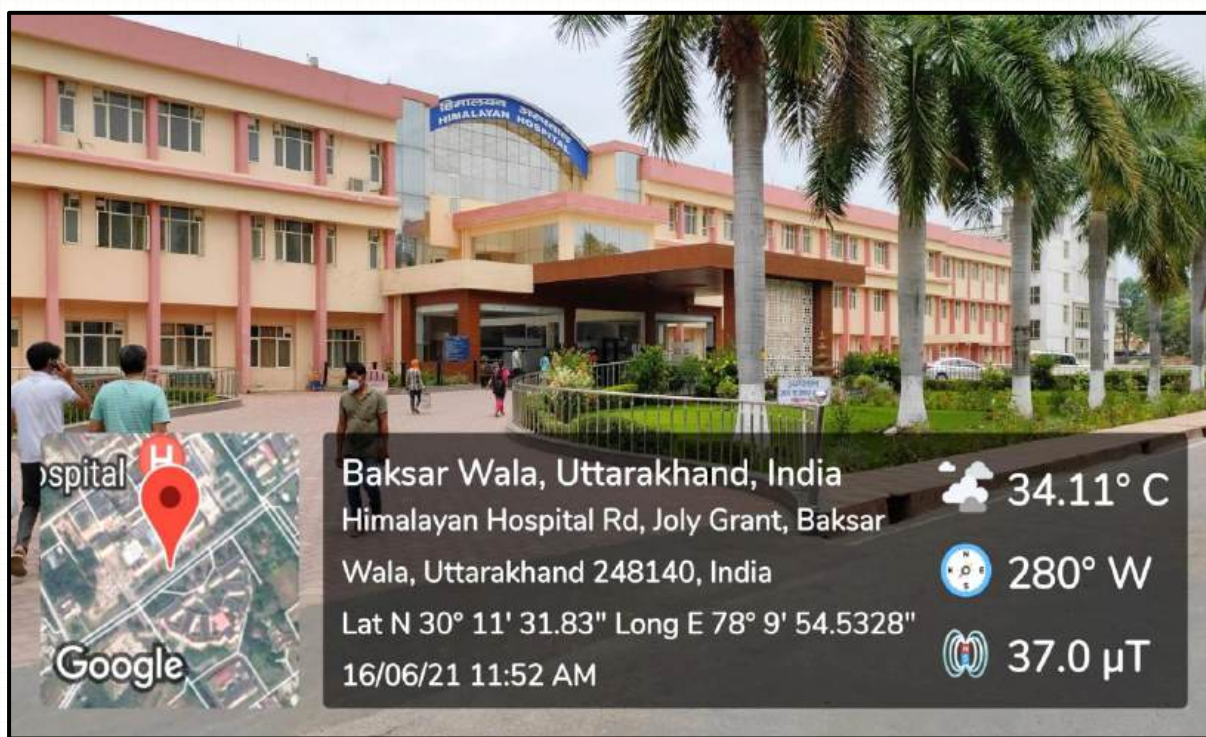
**GOOD HEALTH
& WELL-BEING**

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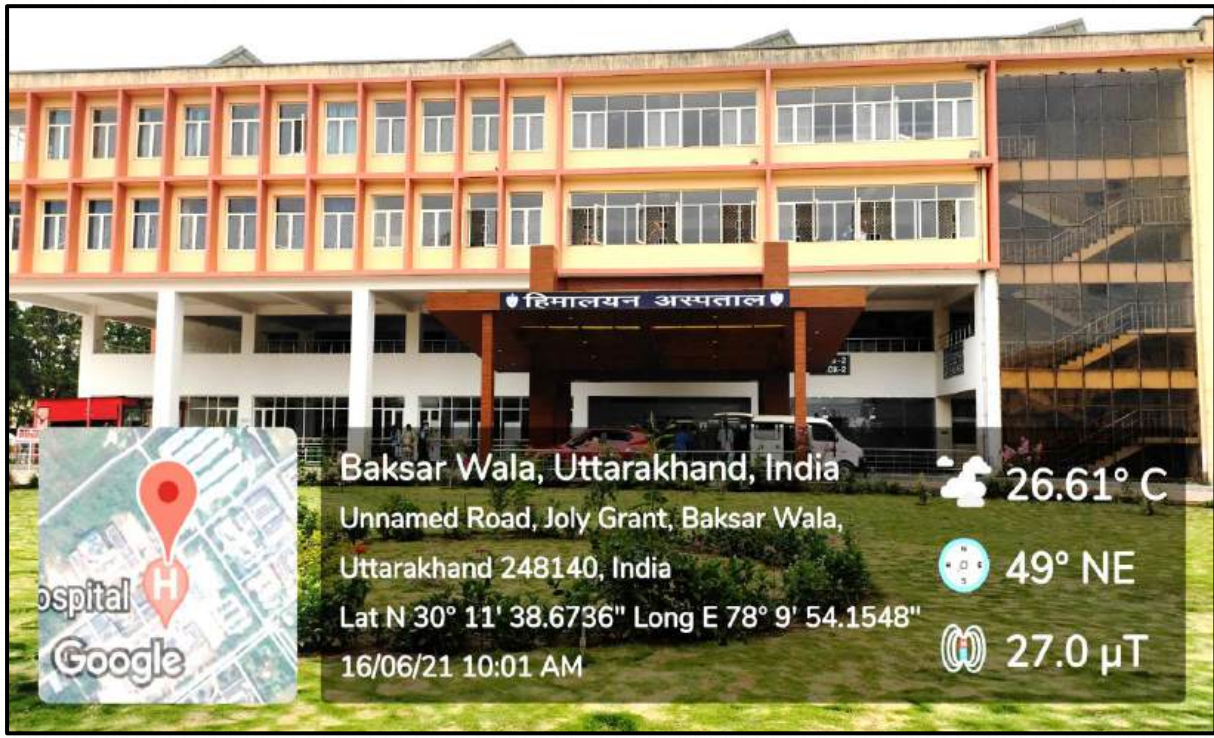


Healthcare Infrastructure and Services

The University is home to a super-specialty teaching hospital accredited by the National Accreditation Board for Hospitals (NABH), offering 1200 beds, including 960 teaching beds. It features AYUSH therapy centers and cutting-edge central diagnostic laboratories accredited by the National Accreditation Board for Testing and Calibration Laboratories (NABL). These laboratories are equipped with modern, automated, high-end diagnostic equipment and a pneumatic shoot system, delivering advanced diagnostic services, as well as training and research opportunities. The hospital's diagnostic capabilities include a 1.5 Tesla MRI, 128-slice Spiral CT scan, PET scan, Gamma camera, hi-tech ultrasounds, mammography, echocardiography, cardiac catheterization labs, neurology labs, sleep labs, and endoscopic labs. These facilities provide hands-on training for medical and paramedical students.



Himalayan Hospital- Block A



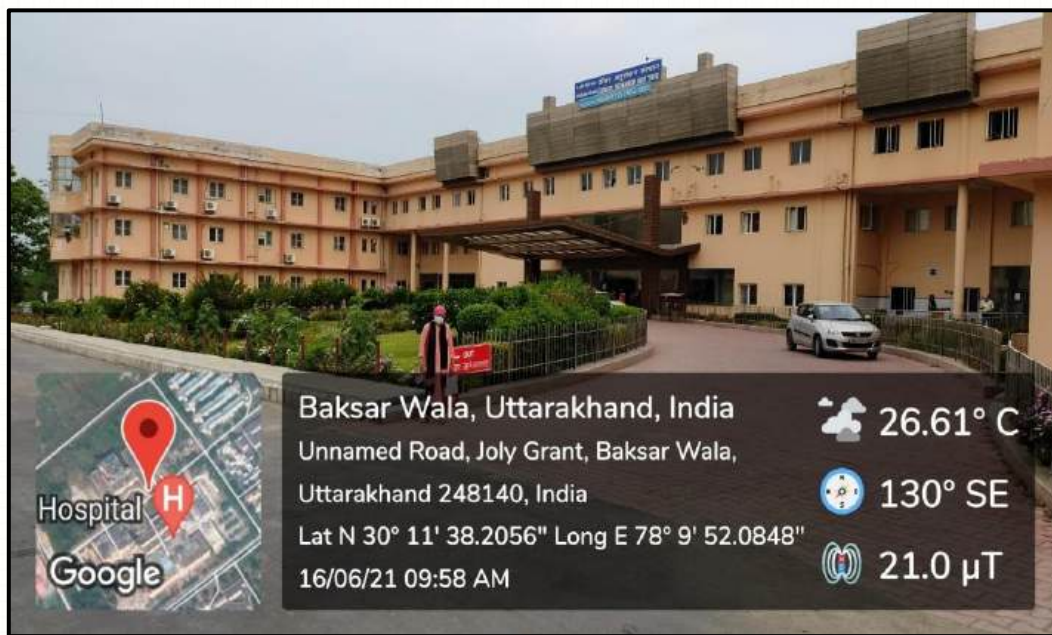
Himalayan Hospital- Block B





Himalayan Hospital- Block C

The dedicated Cancer Centre offers comprehensive care with state-of-the-art facilities for radiotherapy and bone marrow transplants. The institution also houses a modern dialysis centre and provides renal transplant services, strengthening its role in specialized medical care, advanced research, and training.



Cancer Research Institute (CRI)



Skill and Simulation Centre

A comprehensive Skill and Simulation Centre of Excellence (SSCE) was inaugurated on November 3, 2022 at Swami Rama Himalayan University (SRHU), Jolly Grant, during the 13th National Conference on Medical Education, attended by over 300 medical professionals from across India and abroad.

The SSCE, the first and only Skills & Simulation Lab in Uttarakhand, is equipped with high-fidelity manikins, task trainers, learning models, computer-based simulators, and standardized patients to provide state-of-the-art healthcare education. The Centre conducts regular training programs in Basic and Advanced Life Support, Paediatric and Neonatal Care, First Aid & CPR, ICU procedures, trauma management, surgical suturing, obstetrics and gynaecological procedures, airway management, spinal procedures, sonography modules, and other essential clinical skills. With its diverse simulation-based learning platforms, the SSCE is committed to delivering high-quality training in line with national standards, preparing healthcare professionals to be effective, skilled, and compassionate providers.





Chief minister inaugurating the Skill and Simulation Centre of Excellence

Clinical, Equipment and Laboratory Learning Resources- Himalayan Hospital

As the cornerstone of its teaching and learning methods, the university is committed to providing students with a top-notch education with a strong emphasis on practical learning. With 1200 beds and 960 teaching beds, it is a state-of-the-art tertiary-care multispecialty teaching hospital that has been properly accredited by the National Accreditation Board for Hospitals (NABH) to give students clinical experience. Furthermore, its all-inclusive cancer treatment clinic is unparalleled in service and capacity, furnished with state-of-the-art nuclear medicine, chemotherapy, radiotherapy, and surgical facilities.





Bed-side teaching and learning at Himalayan Hospital, SRHU



Ongoing surgery in the Operation Theatre



Procedure in progress at the Cath Lab



Emergency ICU



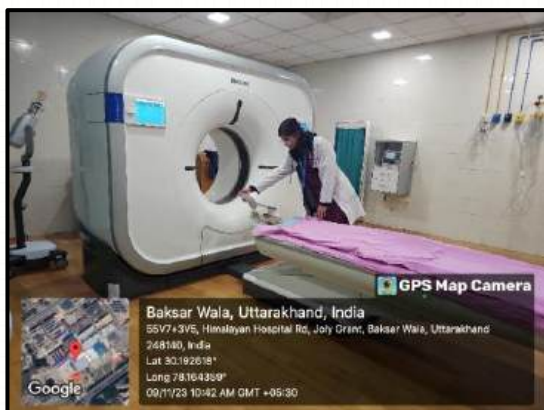
PET CT used for diagnostics



Patient positioning at the Gamma camera- an imaging device used in Nuclear Medicine



True Beam machine is used for radiotherapy in the treatment of different types of tumours



CT Scan Machine

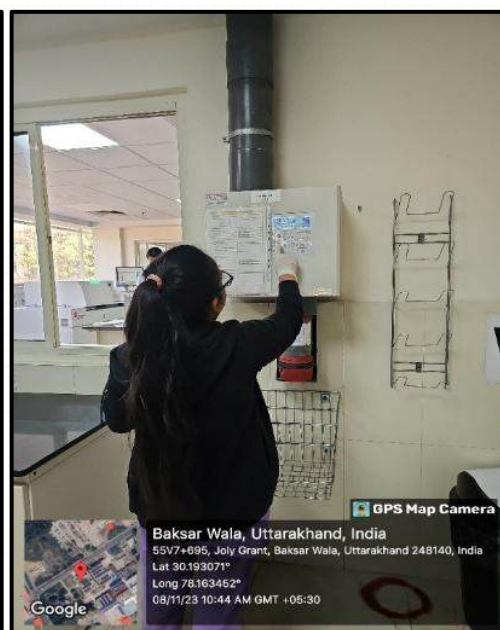


MRI Machine

Himalayan Central Diagnostic & Research Laboratories

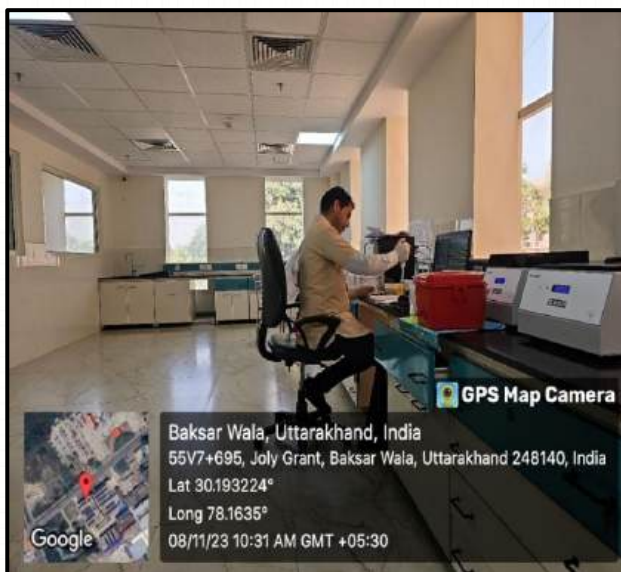


Sample Receiving Area



Pneumatic chute system

MRI



New born Screening Testing Lab



Bacteriology Section

Pneumatic chute system in the Bacteriology Section



Vidas machine in the Molecular Biology Section

Bio Fire equipment in the Mycology Section for



rapid diagnosis of syndromic infectious diseases



EPS 600 at the Bone marrow Staining Lab for Electrophoresis

Medite Automated Tissue Processor at the Histo-Pathology Lab



Centrifuge Machine R-4C for quick separation of suspensions and immiscible liquids based on density

DxC 700 AU for blood biochemistry is a fully automated, random-access system with STAT capability



NABH and NABL accreditation certificates

The hospital has enough staff and state-of-the-art facilities to run all clinical departments around-the-clock. The hospital offers all related services as part of regulatory measures, including a Central Clinical Laboratory that has been properly accredited by the National Accreditation Board for Testing and Calibration Laboratories (NABL), a pharmacy open 24/7, a state-of-the-art blood bank, a Central Sterilisation unit, a Medical Records section, laundry, a canteen, a Central Purchase & Store, and more. The hospital has received several awards and recognitions, including Ayushman Gold Certificate by the National Health Authority & Quality Council of India in appreciation and recognition of the services provided, excellence in continuous adherence with quality standards and compliance with the “Gold Quality Standards” of ABPMJAY.



Promoting Healthy Lifestyles



The University's AYUSH Learning and Therapy Centre is a distinctive facility that integrates Naturopathy, Ayurveda, Yoga, and Homeopathy clinics to promote alternative healthcare and holistic healing. These clinics not only provide quality healthcare services to the community but also expose students to diverse approaches to medical treatment, enriching their academic and practical knowledge.



AYUSH Learning and Therapy Centre – Integrating Naturopathy, Ayurveda, Yoga, and Homeopathy for holistic healing and experiential learning.

Health Benefit Policy

The University has implemented a comprehensive health benefit policy to support the well-being of its staff and students. This policy includes health insurance coverage, regular health check-ups, and access to medical consultations at the University's teaching hospital. Special provisions are made for preventive care, vaccinations, and wellness programs to promote a healthy lifestyle. Emergency medical services are available 24/7, ensuring immediate attention and care. Additionally, mental health support, counselling services, and rehabilitation programs are



integrated into the policy to address holistic health needs, emphasizing physical, emotional, and psychological well-being.

Health Benefit Policy

Health Care Research

The University is committed to advancing health care through robust research initiatives aimed at addressing contemporary health challenges. It actively fosters interdisciplinary research in fields such as biotechnology, pharmacology, clinical sciences, and public health. Research projects both Intramural research grants and extramural research grants are focused on the development of innovative therapies, drug discovery, disease diagnostics, epidemiological studies, and health intervention strategies. The University collaborates with national and international institutions, industries, and funding agencies to conduct cutting-edge research that translates scientific discoveries into practical healthcare solutions. In accordance with the vision of the university, all Schools are conducting quality research. Out of all Schools, Himalayan Institute of Medical Sciences, Himalayan School of Biosciences and Himalayan School of Yoga Sciences focuses on the health care research.

Collaborations

The University actively fosters collaborations with national and international institutions, industries, and research organizations to enhance healthcare research and training. These partnerships facilitate the exchange of knowledge, technology, and best practices, driving advancements in medical research and improving healthcare delivery systems. Collaborative initiatives include joint research projects, student and faculty exchange programs, training workshops, and seminars. Strategic alliances with government agencies and non-governmental organizations further support outreach programs, public health campaigns, and skill development activities. Through these collaborative efforts, the University reinforces its commitment to achieving SDG 3 by leveraging collective expertise and resources to promote health and well-being globally.

Research Projects

The University provides research funds to promote the research for conduction of research ([Intramural-Projects-Completed-2022.pdf](#), [Intramural-Projects-Completed-2023.pdf](#)).

To name a few intramural projects funded by the university are:



1. Prospective observational study of gastric emptying time in newborns and comparison of gastric emptying time in between appropriate for gestational age and small for gestational age newborns.
2. Assessment of Health Problems among Brick Kiln Factory Workers in a District of Uttar Pradesh -A Cross-Sectional Study.
3. Bio Social Risk Factors of Acute Stroke: A Case Control study from tertiary care Hospital of Uttarakhand.
4. A cross-sectional study evaluating the knowledge, practices and attitudes of the general population on antibiotic use.
5. A Smart System or Non-Invasively Determining Level of Bilirubin, Haemoglobin and Haematocrit in Blood Using Artificial Intelligence.
6. First Aid and Support Training Manual for Drivers and Conductors.

The University has successfully undertaken several extramural projects funded by national and international agencies to advance healthcare research and innovation. These projects focus on critical health issues such as cancer diagnostics, infectious diseases, metabolic disorders, and regenerative medicine. Through collaborations with organizations like the Department of Biotechnology (DBT), Indian Council of Medical Research (ICMR), and State funding agencies, the University has been able to address key healthcare challenges.

Extramural funding has supported the establishment of advanced research facilities, development of novel therapeutic approaches, and implementation of community-based interventions. These projects also emphasize capacity building, training programs, and translational research to ensure practical applicability and scalability of outcomes. By leveraging extramural grants, the University continues to make meaningful contributions to achieving SDG 3 and improving public health ([Extramural-Project-Completed-2022.pdf](#), [Extramural-Project-Ongoing-2022-.pdf](#)).

To name a few Extramural projects funded by the government agencies are:

1. ICMR Task Force Study on Epidemiology of Chronic Respiratory Illness in Select Population Groups in India (CRISPI).
2. Hygiene Practices and Associated Risk Factors for Urinary Tract Infections Among School going Adolescents of District Pauri & Tehri Garhwal.
3. Epidemiological serosurvey of SARC-Cov-2 Antibodies among general population and its association with ABO blood typing in foothills and middle hills of Uttarakhand.
4. A cross-sectional study employing survey (questionnaire) and diagnostic (microbiology) methods to find out the prevalence of sexually transmitted disease (STD) and



reproductive tract infection (RTI) amongst sexuality active group (both male and female) of Doiwala block in district Dehradun.

5. Establishing a regional rare blood donor registry in Uttarakhand.
6. Resistance to Anti-Leprosy Drugs in Multi-Bacillary Leprosy Patients: A prospective Observation study from Tertiary Care Health Institute in Uttarakhand.

Research Publications

The University actively promotes the dissemination of research findings through high-quality publications in reputed national and international journals. Faculty members and researchers regularly publish peer-reviewed articles, review papers, and case studies focusing on diverse areas such as clinical sciences, biotechnology, pharmacology, and public health. These publications contribute to scientific advancements, support evidence-based practices, and enhance the University's reputation as a hub for research excellence. Emphasis is placed on collaborative authorship and interdisciplinary research, further strengthening the impact of published work. The University also encourages faculty and students to present their findings at national and international conferences, fostering knowledge exchange and professional development (**Scopus - Swami Rama Himalayan University**).

To name a few top publications are as under:

1. Bhattacharjee, R., Mitra, P., Gupta, N., Dhasmana, A., Gundamaraju, R., "Cellular landscaping of exosomal miRNAs in cancer metastasis: From chemoresistance to prognostic markers". *Advances in Cancer Biology - Metastasis*, 2022.
2. Paul, M.M., Revikumar, A., George, B., Pillai, M.R., Kumar, R. The Revelation of Continuously Organized, Co-Overexpressed Protein-Coding Genes with Roles in Cellular Communications in Breast Cancer. *Cells*, 2022.
3. Chetan, C., Suryawanshi, P.B., Patnaik, S.K., Verma, A., Singh, Y. Oral versus intravenous sildenafil for pulmonary hypertension in neonates: a randomized trial. *BMC Paediatrics*, 2022.
4. Chakraborty, S., Sircar, E., Bhattacharyya, C., Sachin, K., Sengupta, R. S-Denitrosylation: A Crosstalk between Glutathione and Redoxin Systems Antioxidants, 2022.
5. Dhasmana, A., Malik, S., Sharma, A.K., Bawazir, W.M.S., Haque, S. Fabrication and evaluation of herbal beads to slow cell ageing. *Frontiers in Bioengineering and Biotechnology*, 2022.
6. Kumar, V., Bansal, S., Badola, A., Ahmad, M., Saini, S. Definitive chemoradiation in nonmetastatic squamous cell carcinoma anal canal: A single-institution experience. *Journal of Cancer Research and Therapeutics*, 2022.
7. Islam, S., Udhayakumar, R., Kar, S., Aswal, U.S., Saini, D.K.J.B. Enhancing Brain Tumor



- Detection Classification by Computational Intelligence Proceedings of the 2023 2nd International Conference on Electronics and Renewable Systems, ICEARS 2023, 2023.
8. Siddiqui, M.F., Nohra, L., Saleh, M., Nicolas, G., Emmanuel, N. Pediatric Oncology, Palliative Care and Low- or Middle- Income Countries: A Call for Action Global Paediatric Health, 2023.
 9. Kamboj, S., Divya,, Singh, K.V., Rawat, A. Role of exercise in postpartum women with gestational diabetes mellitus (GDM) Duke Mathematical Journal, 2023.
 10. Bhattacharya, S., Tripathi, S.K., Gupta, P.C., Varshney, S., Vallabh, V. Integration of communicable and non-communicable diseases within the health system of India: A window of opportunity? Frontiers in Public Health, 2023.

Workshops and Training Programs

The University organizes regular workshops and training programs on Good Clinical Practices (GCP), clinical trials, bioethics, and regulatory compliance to ensure adherence to international standards in research and healthcare delivery. These workshops aim to enhance the knowledge and skills of healthcare professionals, researchers, and students, promoting high-quality research and patient care. Training programs also focus on advanced diagnostic techniques, data management, and quality assurance in clinical research, preparing participants for emerging challenges in the medical field

S. N.	Subject of the Workshop, Training Course, etc.	Date(s) on which held	Relevance to the research area
1.	Precision Oncology in the Management of Lung Cancer (CGR)	27-May-23	Good Clinical Practice
2.	Sensitization (Workshop) for NAAC	19-May-23	Good Clinical Practice
3.	Sports Physiology and Yoga through the lens of medical research: Crux to Confluence (Guest Lecture)	16-May-23	Good Clinical Practice
4.	Acute Cholangitis in Pregnancy: How Safe is ERCP?? (CGR)	13-May-23	Good Clinical Practice
5.	Professional Ethics (Guest Lecture)	10-May-23	Good Clinical Practice
6.	Yoga for Holistic Health (CME)	6-May-23	Good Clinical Practice
7.	Infective Endocarditis - Uncommon presentation of a common disease (CGR)	29-Apr-23	Good Clinical Practice



8.	PICC line insertion maintenance & complications including inserting cases (NHISGI)	24-Apr-23	Good Clinical Practice
9.	Penal discussion and public awareness program on Autism	18-Apr-23	Good Clinical Practice
10.	Management of Snakebite in the Emergency (CME)	8-Apr-23	Good Clinical Practice
11.	Autism awareness program	2-Apr-23	Good Clinical Practice
12.	Thrombotic Microangiopathy – when to suspect, how to differentiate and therapeutics (CGR)	1-Apr-23	Good Clinical Practice
13.	Public speaking skill/stage presentation (NHISGI)	27-Mar-23	Good Clinical Practice
14.	CME on Glaucoma (CME)	26-Mar-23	Good Clinical Practice
15.	Orthodontics in the management of cleft lip and palate (CME)	25-Mar-23	Good Clinical Practice
16.	Vescio-bullous dermatosis (Guest Lecture)	23-Mar-23	Good Clinical Practice
17.	Immune System & Cancer (Guest Lecture)	23-Mar-23	Good Clinical Practice
18.	World Syndrome Day (Seminar)	21-Mar-23	Good Clinical Practice
19.	Mediastinal adenopathy through eyes of Endobronchial ultrasound (EBUS) in Tuberculosis endemic region: a case-based approach (CGR)	18-Mar-23	Good Clinical Practice
20.	Prevalence of Hyperglycaemia in Pregnancy and related Screening Practice in Rural Dehradun: The first Population- based study from Uttarakhand (CME)	11-Mar-23	Good Clinical Practice
21.	Intestinal perforation in patients of Dengue- A rare complication (CGR)	4-Mar-23	Good Clinical Practice
22.	Post-op management (NHISGI)	27-Feb-23	Good Clinical Practice
23.	Workshop on Journal Evaluation matrix & publication	27-Feb-23	Good Clinical Practice
24.	Sample size: Concept and Application in Clinical Practice (Guest Lecture)	25-Feb-23	Good Clinical Practice



25.	Acute Coronary Syndrome in disguise: A serious public health problem, often undiagnosed with lethal consequences (CGR)	11-Feb-23	Good Clinical Practice
26.	Effects of Alcohol on Metabolism, Nutrition & Health (CME)	4-Feb-23	Good Clinical Practice
27.	TPN Practice in NICU (NHISGI)	30-Jan-23	Laboratory
28.	Toxic Epidermal Necrolysis: Approach & Management (CGR)	28-Jan-23	Good Clinical Practice
29.	Neonatal Advanced Life Support training program (NALS)	25-Jan-23	Good Clinical Practice
30.	Plastination (CME)	21-Jan-23	Good Clinical Practice
31.	Newborn healthcare in Uttarakhand: The way forward	15-Jan-23	Good Clinical Practice
32.	Primary hyperparathyroidism due to parathyroid adenoma – diverse manifestation in clinical practice (CGR)	14-Jan-23	Good Clinical Practice
33.	The Airway's story: from tragedy to learning and action (CME)	7-Jan-23	Good Clinical Practice
34.	Molecular Basis of Cancer (Guest Lecture)	30-Dec-22	Good Clinical Practice
35.	Necrotising enterocolitis diagnosis & management (NHISGI)	26-Dec-22	Good Clinical Practice
36.	Pregnancy with dengue fever- concerns and challenges (CGR)	17-Dec-22	Good Clinical Practice
37.	Let's talk "Sex, the emperor of all maladies": start low, go slow (CME)	10-Dec-22	Good Clinical Practice
38.	PG Orientation program	6-Dec-22	Good Clinical Practice
39.	Key elements of teamwork and communication in Plastic Surgery (CME)	3-Dec-22	Good Clinical Practice
40.	Antenatal Hydronephrosis (Bilateral PUJ obstruction) Case discussion (NHISGI)	28-Nov-22	Good Clinical Practice
41.	Contentious issues in evidence-based medicine (CME)	26-Nov-22	Good Clinical Practice



42.	Scrub typhus: A serious public health problem, often underdiagnosed with lethal consequences (CGR)	19-Nov-22	Good Clinical Practice
43.	Reversing Diabetes: A Road to Remission (CME)	14-Nov-22	Good Clinical Practice
44.	Deciphering Dreams: A physiologist's attempt (CME)	12-Nov-22	Good Clinical Practice
45.	Plugged-In Our children, Youth and social media. (CME)	5-Nov-22	Good Clinical Practice
46.	Neonatal thrombosis Case Discussion (NETTSU)	31-Oct-22	Good Clinical Practice
47.	Surgical Emergencies in Newborn (CME)	29-Oct-22	Good Clinical Practice
48.	End of life care (CME)	22-Oct-22	Good Clinical Practice
49.	Human milk banking (NETTSU)	20-Oct-22	Good Clinical Practice
50.	Guest Lecture on Uttarakhand RSSDI	20-Oct-22	Good Clinical Practice
51.	Inherited Bleeding Disorder Approach to Diagnosis (CME)	15-Oct-22	Good Clinical Practice
52.	World hospice and palliative care day	8-Oct-22	Good Clinical Practice
53.	LMS (Learning Management System) Demo (CME)	8-Oct-22	Good Clinical Practice
54.	Approach to a Neonate with Urological Disorder (NETTSU)	6-Oct-22	Good Clinical Practice
55.	Newborn screening Practice in NICU at HIMS (NHISGI)	26-Sep-22	Good Clinical Practice
56.	Midterm symposium	25-Sep-22	Good Clinical Practice
57.	Cyanotic congenital heart disease newborn to adulthood (Guest Lecture)	24-Sep-22	Good Clinical Practice
58.	Newborn screening Practice (NETTSU)	22-Sep-22	Good Clinical Practice
59.	Paediatric Stem Cell Transplantation- A Journey So Far in Uttarakhand (CME)	17-Sep-22	Good Clinical Practice



60.	Neuroprotection in Neonates (NETTSU)	15-Sep-22	Good Clinical Practice
61.	Workshop on Intellectual property right IPR Indian Patent System	10-Sep-22	Good Clinical Practice
62.	Management Of Non-union and Deformity Correction with Ilizarov Fixation and Advanced Hexapod (CME)	10-Sep-22	Good Clinical Practice
63.	Undiagnosed Glaucoma (CME)	3-Sep-22	Good Clinical Practice
64.	Infection Control Practice in NICU, HIMS (NHISGI)	29-Aug-22	Good Clinical Practice
65.	Prenatal Genetic Screening and Diagnosis- Institutional	27-Aug-22	Good Clinical Practice
66.	Extra Uterine growth restriction (EUGR) (NETTSU)	25-Aug-22	Good Clinical Practice
67.	Ambulatory blood pressure monitoring (CME)	20-Aug-22	Good Clinical Practice
68.	Neonatal Ventilation (Workshop)	7-Aug-22	Good Clinical Practice
69.	The unfolding story of Organ Transplant Surgery (Guest Lecture)	6-Aug-22	Good Clinical Practice
70.	How to choose cardiac drug in neonates (NETTSU)	4-Aug-22	Good Clinical Practice
71.	Intracranial Aneurysms: Management Protocol and Our Institutional experience (CME)	30-Jul-22	Good Clinical Practice
72.	Case based discussion on Neonatal Cardiology (NETTSU)	28-Jul-22	Good Clinical Practice
73.	Scientific Symposium on "Significance of Hepatitis Marker Screening (Conference)	28-Jul-22	Good Clinical Practice
74.	Rh Isoimmunization (NHISGI)	25-Jul-22	Good Clinical Practice
75.	NMC Guidelines for online learning & assessment, A) E- Learning on LMS platform working model (Moodle), B) Use of Apps in mobile phone C) Telegram for collaborative learning (CME)	23-Jul-22	Good Clinical Practice
76.	Social restructuring through Yoga	20-Jul-22	Good Clinical Practice



77.	Workshop on EQAS (Workshop)	18-Jul-22	Good Clinical Practice
78.	The “Aging with Pride”: Fight back against Neurodegeneration (CME)	16-Jul-22	Good Clinical Practice
79.	Management Approach to congenital cyanotic heart disease (NETTSU)	14-Jul-22	Good Clinical Practice
80.	Extrapulmonary tuberculosis, the great masquerade diagnostic challenges and future (CME)	9-Jul-22	Good Clinical Practice
81.	Perinatal Asphyxia- A global concern (CME)	2-Jul-22	Good Clinical Practice
82.	Basics of Neonatal ECG & Management approach of cardiac arrhythmias in neonates (NETTSU)	30-Jun-22	Good Clinical Practice
83.	Term/AGA/Perinatal Asphyxia PPHN/AKI (peritoneal dialysis) (NHISGI)	27-Jun-22	Good Clinical Practice
84.	MILAN (Conference)	26-Jun-22	Good Clinical Practice
85.	Recent Advances in Breast Cancer Management (CME and Workshop)	25-Jun-22	Good Clinical Practice
86.	Training to excel –with the mind not the eye (Guest Lecture)	25-Jun-22	Good Clinical Practice
87.	Autoantibodies and systemic autoimmune rheumatic diseases - ordering and Interpretation (CME)	18-Jun-22	Good Clinical Practice
88.	Necrotising Soft Tissue Infection: A lethal malady (CME)	11-Jun-22	Good Clinical Practice
89.	Non-invasive respiratory monitoring while on respiratory support case- based discussion (NETTSU)	9-Jun-22	Good Clinical Practice
90.	Hypercalcemia: Insight into etiology and Management (CME)	4-Jun-22	Good Clinical Practice
91.	Term/AGA/NVD/Male Severe hypernatremia Dehydration/AKI/sepsis/ meningitis/coagulopathy (NHISGI)	1-Jun-22	Good Clinical Practice
92.	PG Orientation program	28-May-22	Good Clinical Practice
93.	Gastro Oesophageal RFLUX Disease (GERD): The Indian Consensus (CME)	28-May-22	Good Clinical Practice
94.	Physical Child Abuse, Munchausen syndrome by	21-May-22	Good Clinical Practice



			Practice
95.	Approach to a neonate with failed extubation (NETTSU)	19-May-22	Good Clinical Practice
96.	Phonosurgery (CME)	14-May-22	Good Clinical Practice
97.	Seminar on international nursing day	12-May-22	Good Clinical Practice
98.	Renoprotection in Diabetes (CME)	7-May-22	Good Clinical Practice
99.	Decision making & Ancillary respiratory support Case Based Discussion (NETTSU)	5-May-22	Good Clinical Practice

Disease Prevention and Health Education

The University places a strong emphasis on disease prevention and health education as fundamental components of promoting public health and well-being. It conducts awareness programs, vaccination drives, health screening camps, and nutrition education sessions to address preventive healthcare needs. Special outreach programs focus on maternal and child health, infectious disease prevention, hygiene practices, and lifestyle modifications to reduce the risk of chronic diseases.

Health education initiatives are designed to empower individuals and communities with the knowledge and skills needed to make informed decisions about their health. The University also engages in capacity-building activities for healthcare workers and volunteers, ensuring they are equipped to deliver effective health interventions. By integrating prevention-focused education with community participation, the University strengthens efforts to create healthier and more resilient societies.

The University offers a basket of core courses, electives, skill/capability enhancement courses, value addition courses, and inter-disciplinary courses in keeping with the recent advances in respective disciplines, as relevant to the programs. The curricula take into consideration the needs of environmental sustainability, community health programs, global health care issues, diseases of epidemic & pandemic potential, international health regulations, impact of climate change, mental health issues, Covid-19, occupational diseases, along with national issues like poverty, safe water, rising burden of NCDs, population explosion, gender empowerment inadequate health infrastructure, malnutrition, tuberculosis elimination, etc, as also highlighted in the UN's 'Sustainable Development Goals'.



Activities organized for students and employees of SRHU to inculcate health awareness

S.N.	Name of the Event	Date of Observation	Days	Participants
1	Eye Donation Fortnight Observation	25/08/2022-08/09/2022	15	554
2	Awareness Session on Drug Abuse	12/05/2023	01	79
3	International Yoga Day Observation	21/06/ 2023	01	184



ACTIVITIES FOR HEALTH AWARENESS





Mental Health and Well-Being

The University recognizes the critical importance of **Mental Health and Well-Being** as integral components of overall health. It conducts dedicated programs, workshops, and counselling sessions focusing on stress management, emotional resilience, and mental wellness. Certified counsellors and mental health experts offer individualized support through structured therapies and group sessions. These initiatives aim to promote psychological well-being, reduce stigma, and create a supportive environment for students, staff, and the community. Special campaigns are organized to raise awareness about mental health issues and provide practical strategies for coping with stress and anxiety ([Click here](#)).



Psychological Counselling Facilities at Himalaya Hospital, HIMS, SRHU

Extension and outreach activities:

Extension and outreach activities conducted in collaboration with industry, community, government, and non-government organizations, with active engagement of NSS/NCC/Red Cross/YRC, play a vital role in promoting health awareness, preventive care, and community resilience. These initiatives directly contribute to achieving SDG 3 by fostering healthier lifestyles, addressing public health challenges, and strengthening partnerships for improved well-being of society.

Detailed program report for each extension and outreach program

S.N.	Activity	Links
1.	Free Eye Camps on 29 June 2022	View document



2.	Free Eye Camps on 17 July 2022	View document
3.	Free Eye Camps on 1 August 2022	View document
4.	Free Eye Camps on 17 August 2022	View document
5.	Free Eye Camps on 25 August 2022	View document
6.	Free Eye Camps on 1 November 2022	View document
7.	Free Eye Camps on 10 November 2022	View document
8.	Free Eye Camps on 15 November 2022	View document
9.	Free Eye Camps on 5 December 2022	View document
10.	Free Eye Camps on 10 December 2022	View document
11.	School Health Camp on 13 May 2022	View document
12.	Learning Disability Clinic on 24 May 2022	View document
13.	Awareness program on effect of tobacco use-31 May 2022	View document
14.	Learning Disability Clinic on 02 June 2022	View document
15.	School Health Camp on 03 June 2022	View document
16.	Learning Disability Clinic on 16 June 2022	View document
17.	Learning Disability Clinic on 14 July 2022	View document
18.	School Health Camp on 15 July 2022	View document
19.	Learning Disability Clinic on 04 August 2022	View document
20.	School Health Camp on 12 August 2022	View document
21.	Learning Disability Clinic on 08 Sept 2022	View document
22.	School Health Camp on 09 Sept 2022	View document
23.	Learning Disability Clinic on 29 Sept 2022	View document



24.	School Health Camp on 14 Oct 2022	View document
25.	Learning Disability Clinic on 17 Nov 2022	View document
26.	School Health Camp on 18 Nov 2022	View document
27.	Comprehensive Community Health Camp on 28 Nov 2022	View document
28.	School Health Camp on 09 Dec 2022	View document
29.	Learning Disability Clinic on 15 Dec 2022	View document
30.	School Health Camp on 13 May 2022	View document
31.	Free Eye Camps on 3 March 2023	View document
32.	Learning Disability Clinic on 02 March 2023	View document
33.	Free Eye Camps on 4 March 2023	View document
34.	Free Eye Camps on 10 March 2023	View document
35.	School Health Camp on 11 March 2023	View document
36.	Community effort to eliminate tuberculosis_24 March 2023	View document
37.	School Health Camp on 08 April 2023	View document
38.	Free Eye Camps on 15 April 2023	View document
39.	Free Eye Camps on 18 April 2023	View document
40.	Free Eye Camps on 1 May 2023	View document
41.	Comprehensive Package of service-TB elimination Programme on 12 May 2023	View document
42.	School Health Camp on 19 May 2023	View document

Maternal and Adolescent Health Programs

The University is committed to enhancing maternal and adolescent health through targeted



programs and initiatives. It conducts awareness campaigns on reproductive health, menstrual hygiene, and nutrition to empower young women and expectant mothers. Nutritional support programs and preventive healthcare services are implemented to reduce maternal and infant mortality rates. Additionally, counseling and outreach activities focus on mental health, family planning, and adolescent well-being to promote holistic development and sustainable health practices.

Detailed program report for each extension and outreach program focusing Maternal Health

S. N.	Particular	Link
1.	Maternal Health Camp on 18 May 2022	View document
2.	Maternal Health Camp on 18 May 2022	View document
3.	Maternal Health Camp on 18 June 2022	View document
4.	Adolescent Friendly Health Clinic on 24 June 2022	View document
5.	Maternal Health Camp on 20 July 2022	View document
6.	Menstrual Hygiene Training on 23 July 2022	View document
7.	Menstrual Hygiene Training on 30 July 2022	View document
8.	Maternal Health Camp on 03 August 2022	View document
9.	Menstrual Hygiene Training on 27 August 2022	View document
10.	Menstrual Hygiene Training on 29 August 2022	View document
11.	Maternal Health Camp on 07 Sept 2022	View document
12.	Menstrual Hygiene Training on 10 Sept 2022	View document
13.	Menstrual Hygiene Training on 13 Sept 2022	View document
14.	Menstrual Hygiene Training on 17 Sept 2022	View document
15.	Menstrual Hygiene Training on 01 Oct 2022	View document



16.	Maternal Health Camp on 19 Oct 2022	View document
17.	Menstrual Hygiene Training on 29 Oct 2022	View document
18.	Menstrual Hygiene Training on 05 Nov 2022	View document
19.	Menstrual Hygiene Training on 26 Nov 2022	View document
20.	Menstrual Hygiene Training on 03 Dec 2022	View document
21.	Maternal Health Camp on 17 Dec 2022	View document
22.	Maternal Health Camp on 04 Jan 2023	View document
23.	Adolescent Friendly Clinic on 06 Jan 2023	View document
24.	Adolescent Friendly Clinic on 16 Jan 2023	View document
25.	Adolescent Friendly Clinic on 23 Jan 2023	View document
26.	Menstrual Hygiene Training on 04 Feb 2023	View document
27.	Adolescent Friendly Clinic on 06 Feb 2023	View document
28.	Adolescent Friendly Clinic on 09 Feb 2023	View document
29.	Maternal Health Camp on 11 Feb 2023	View document
30.	Adolescent Friendly Clinic on 13 Feb 2023	View document
31.	Maternal Health Camp on 22 March 2023	View document
32.	Maternal Health Camp on 05 April 2023	View document
33.	Menstrual Hygiene Training on 29 April 2023	View document
34.	Adolescent Friendly Clinic on 12 May 2023	View document
35.	Maternal Health Camp on 17 May 2023	View document
36.	Adolescent Friendly Clinic on 19 May 2023	View document
37.	Menstrual Hygiene Training on 20 May 2023	View document
38.	Adolescent Friendly Clinic on 25 May 2023	View document



Awards Recognizing Contributions to Health-Related Extension Activities

Extension activities focused on health awareness, preventive measures, and accessible medical services play a pivotal role in realizing this goal. Recognizing the significance of such initiatives, several prestigious awards are conferred by recognized bodies to honour outstanding contributions to health-related outreach programs and interventions. The aforementioned prizes serve as an example of how initiatives to advance health and well-being in line with SDG 3 are acknowledged. These honours motivate people and organisations to keep striving for the global attainment of sustainable health goals by promoting creativity, outreach, and accessibility. Extension initiatives continue to be a vital component of community health development, enabling societies to embrace healthier habits and lifestyles while guaranteeing universal access to healthcare.

List of Government/other recognized bodies that have given the awards

S. N.	Name of the Activity	Name of the award/ recognition	Name of the Awarding agency	Name of the Department Awarded	Year of Award
1.	School Health Camp on 27- 05- 2023	Appreciation	Bharat Vikash Parishad, Dharampur, Dehradun	Department of Community Medicine, HIMS	2023
2.	Awareness program on Sanitation on 10- 05-2022	Appreciation	Nagar Palika Parishad Doiwala, Dehradun	Department of Community Medicine, Himalayan Institute of Medical Science	2022
3.	Maternal, child & Adolescent Health services (Haridwar) on 9.11.22	Implementing Partner	Wipro Cares	Rural Development Institute, Swami Rama Himalayan University	2022
4.	Comprehensive Primary Health Care Services for Tribal Region on	Implementing Partner	New Space India Limited	Rural Development Institute, Swami Rama Himalayan University	2022



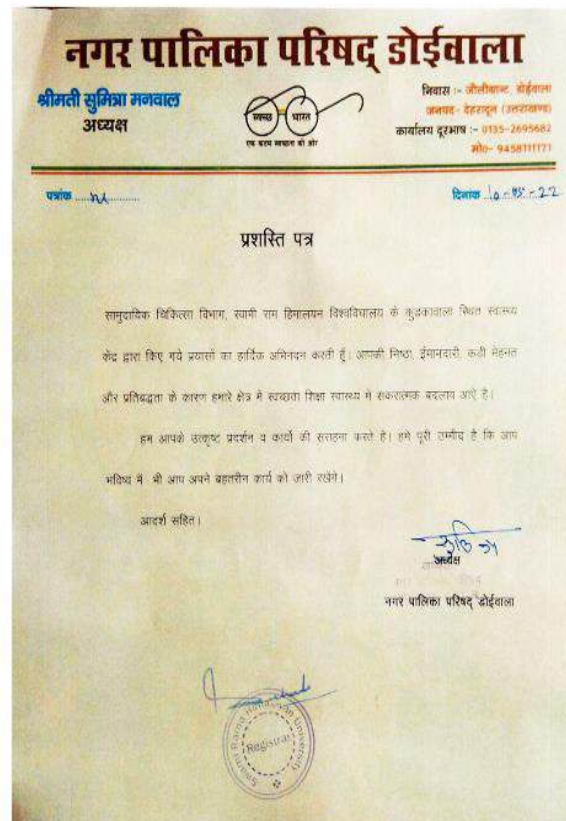
26.2.2022				





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**SUSTAINABLE
DEVELOPMENT GOALS**

SUSTAINABLE DEVELOPMENT GOALS



**QUALITY
EDUCATION**

srhu.edu.in



Through research, innovation, and community engagement, SRHU exemplifies its commitment to SDG-4, transforming lives through education and fostering lifelong learning opportunities.

Curricular Design and Delivery

A robust curriculum is the foundation of an inclusive and forward-thinking education system, designed to cater to the diverse needs of all students. By embedding inclusivity at its core, the curriculum ensures that marginalized groups—such as economically disadvantaged, differently-abled, and first-generation learners—have equal access to learning opportunities, fostering a sense of belonging and equity. To address the complexities of the real world, interdisciplinary programs are increasingly essential, blending knowledge from multiple fields to create well-rounded thinkers capable of tackling global challenges. This holistic approach not only broadens intellectual horizons but also encourages innovation and critical problem-solving. Furthermore, the integration of life skills, employability training, and vocational programs into the curriculum equips students with the practical tools they need to succeed in the professional world. By combining academic knowledge with hands-on experience, students are prepared to navigate the complexities of the workforce, ensuring they graduate as adaptable, competent, and forward-looking individuals ready to contribute meaningfully to society. The University has a total of **4743 Courses focused on competency/ employability/ entrepreneurship/ skill development**. Out of **4743 courses, 2304 are interdisciplinary**. The **13 memorandums** of understanding with institutions of repute, focus on educational aspects and facilitate industry visits, camps and internships for students. It offers flexibility through **Choice Based Credit System in 26 programs and electives in 27 programs**.

Entrepreneurship Development cell (EDC) organizes activities for students to promote creativity, understand challenges in the business world, and develop leadership for setting-up their own enterprise. Courses on Personality Development, English Communication, Computer Application, Statistical Research, also enhance the skill and competency of students.

SN	Category of Event		Link to relevant Doc
1	Interdisciplinary Programs	2023	For more info
		2022	For more info
2	Skills and Employability		For more info
			For more info



Teaching and Learning Methodologies

1. Innovative Pedagogies:

At Swami Rama Himalayan University, students are immersed in dynamic, hands-on learning experiences. Through field trips, internships, and community outreach programs, including health camps and awareness campaigns, they gain practical knowledge and develop critical skills. The university emphasizes integrated learning by connecting various medical disciplines through interactive sessions on health topics like Tuberculosis, Anaemia, and stress management. Students engage in participatory learning through debates, group discussions, and active roles in committees. The curriculum fosters problem-solving through case studies and real-life scenarios, sharpening analytical skills. Self-directed learning is encouraged with access to online resources, e-learning platforms, and MOOC courses. Evidence-based, patient-centric learning focuses on small group sessions that employ case and problem-based learning methods. Additionally, electives in the humanities, project-based learning, and role-playing further enrich students' education, ensuring holistic development in the medical field.

SN	Innovative Pedagogies	Links
1	Project Based Learning	For more info
2	Integrated Learning	For more info
3	Participatory Learning	For more info
4	Problem Solving Method	For more info
5	Patient Centric and Evidence-Based Learning	For more info
6	Self-Directed Learning	For more info
7	Experiential learning	For more info
8	Role play	For more info
9	The Humanities	For more info



2. Digital and E-Learning Tools:

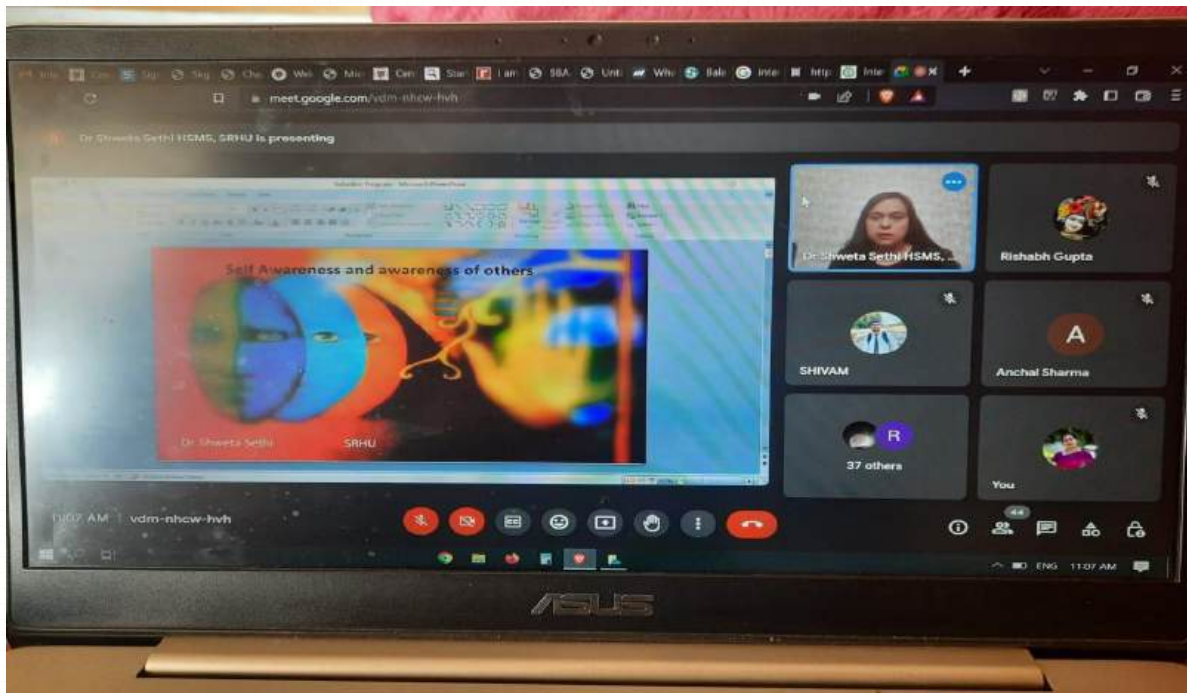
Use of ICT tools in teaching learning



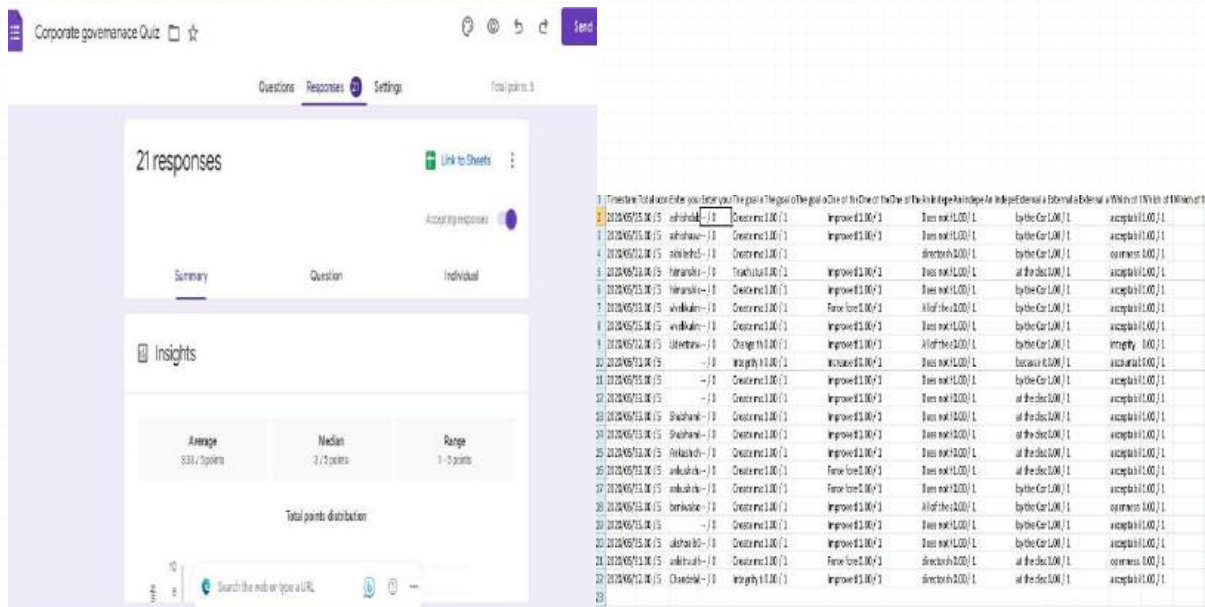
Teaching Session for HIMs Students Using KYAN/ LCD Projector



Teaching Session for Nursing Students Using White Board



Teaching Session for HSMS Students through Online Platform



Online Quiz for HSMS Students Using Google Form and attendance



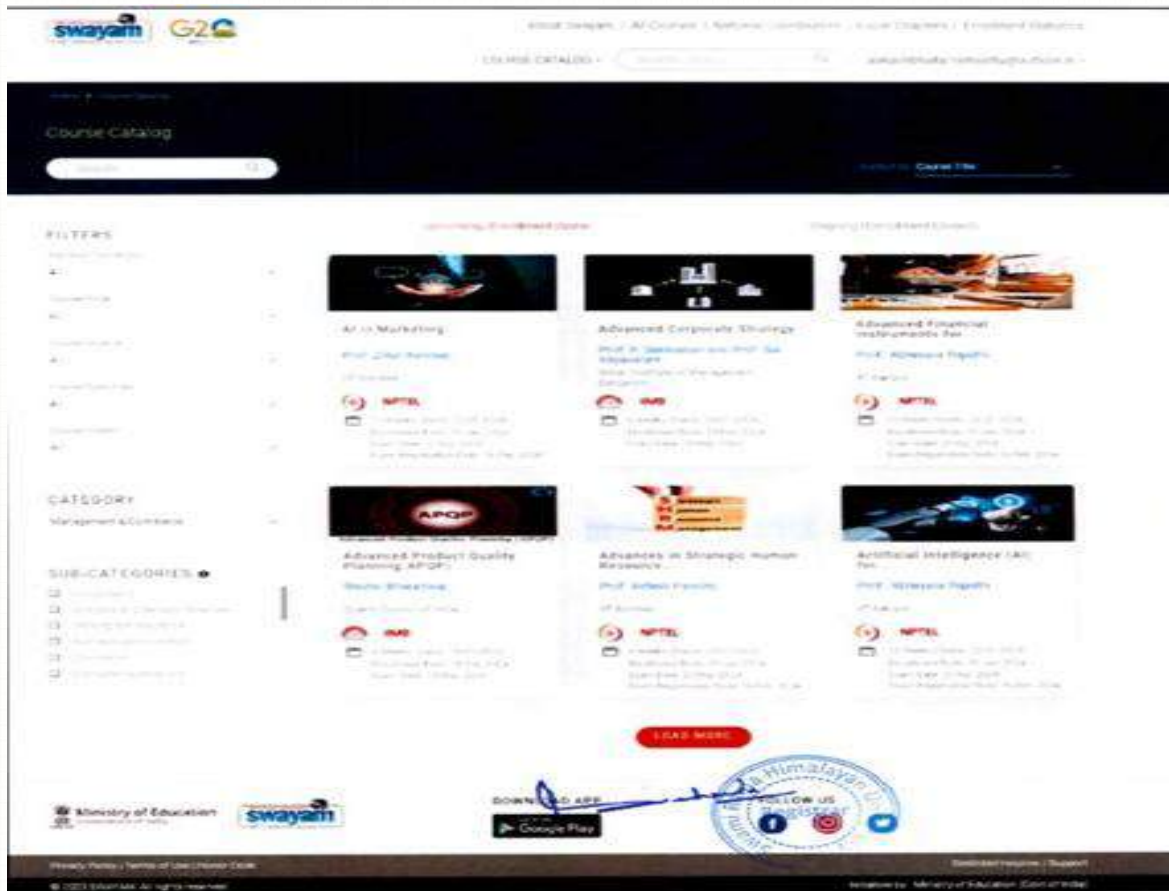
Training Session on Web Technology in Computer Lab for HSST Students

Wi-Fi Enabled ICT Facilities

Number of Classrooms, Seminar Halls and Demonstration Rooms with LCD and Wi-Fi/ LAN Facilities	Number of Classrooms, Seminar Halls and Demonstration Rooms with LCD, Smart Board and Wi-Fi/ LAN Facilities	Number of Classrooms, Seminar Halls and Demonstration Rooms with LCD, Smart Board and Wi-Fi/ LAN and Audio Video Recording Facilities and any other Mobile Technology
152	1	10



E-Sources



The screenshot displays the Swayam G20 Course Catalog website. The header includes the Swayam and G20 logos, navigation links for Home, Catalog, My Courses, My Profile, and My Dashboard, and a search bar. The main content area is titled "Course Catalog" and features a sidebar with filters for "Filters" (including Course Type, Level, and Category) and "SUB-CATEGORIES" (including Management & Commerce). The main area displays a grid of course cards, each with a thumbnail image, title, professor name, and a "VIEW MORE" button. The footer includes the Ministry of Education logo, Swayam logo, a "DOWNLOAD APP" button for Google Play, and social media links for Facebook, Instagram, and Twitter. A circular stamp from Swami Rama Himalayan University is overlaid on the bottom right of the screenshot.

Online educational link to Swayam in Juno



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Students Registered in Swayam Courses (Jan-April 2022)

S.No	Name	Emailid	Degree	Department	Study year	Exam Date	Course Name	Course id
1	DR PARUL AGGARWAL	parul.youngphoenix@gmail.com	medical_pg_ms	obstetrics and gynaecology	year_3	27-03-2022	Basic course in Biomedical Research	ns_noc21_md05
2	Anadi Singh	anadi007singh@gmail.com	medical_pg_ms	general surgery	year_2	27-03-2022	Basic course in Biomedical Research	ns_noc21_md05
3	SANYA BHASIN	sanya93bhasin@gmail.com	medical_pg_md	Pathology	year_2	24-04-2022	Basic course in Biomedical Research	ns_noc21_md05
4	Bunty bansal	bunty11690@gmail.com	medical_pg_others	medical_pg_others	year_2	24-04-2022	Basic course in Biomedical Research	ns_noc21_md05
5	MANSI MEHROTRA	mansimehrotra290@gmail.com	medical_pg_md	Pathology	year_2	23-04-2022	Basic course in Biomedical Research	ns_noc21_md05
6	Devendra chaurasia	dev.kumar420@gmail.com	medical_pg_ms	general surgery	year_2	27-03-2022	Basic course in Biomedical Research	ns_noc21_md05
7	MOHDY USUF	mohdyusuf@srhu.edu.in	None	None	None	24-04-2022	Basic course in Biomedical Research	ns_noc21_md05
8	Dr Anupama Nautiyal	nautiyalanupama@gmail.com	None	None	None	24-04-2022	Basic course in Biomedical Research	ns_noc21_md05
9	Manjot Kaur Ahluwalia	manjotkaur0194@gmail.com	medical_pg_md	Anaesthesiology	year_2	24-04-2022	Basic course in Biomedical Research	ns_noc21_md05
10	Akanksha raj	akankshasharma131992@gmail.com	medical_pg_md	pathology	year_2	27-03-2022	Basic course in Biomedical Research	ns_noc21_md05
11	ANURAG RAWAT	anuragrwt@gmail.com	None	None	None	27-03-2022	Basic course in Biomedical Research	ns_noc21_md05
12	Aishwarya Negi	aishwarya.negi4@gmail.com	ms	other	year_3	27-03-2022	Basic course in Biomedical Research	ns_noc21_md05
13	Tejasvi Raj	tejasvirajarya@gmail.com	medical_pg_ms	general surgery	year_2	27-03-2022	Basic course in Biomedical Research	ns_noc21_md05
14	Suman Bala	yashsuman2000@gmail.com	None	None	None	27-03-2022	Basic course in Biomedical Research	ns_noc21_md05
15	Punam Godara	punamg280@gmail.com	medical_pg_ms	obstetrics and gynaecology	year_2	24-04-2022	Basic course in Biomedical Research	ns_noc21_md05
16	DR YASHPAL SINGH	neuroyash63@gmail.com	None	None	None	27-03-2022	Basic course in Biomedical Research	ns_noc21_md05

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25	NOC23HS30S33 430139	noc23- hs30	EnhancingSoftSkillsan dPersonality	DivyaTripathi	tripathidivya003@gm ail.com	commerce	79	Elite+Silver
26	NOC23HS30S33 430145	noc23- hs30	EnhancingSoftSkillsan dPersonality	Umangpundir	umangpundir892@g mail.com	commerce	55	Successfully completed
27	NOC23HS30S33 430151	noc23- hs30	EnhancingSoftSkillsan dPersonality	Ayush	uniyalayush27@gmai l.com	commerce	62	Elite
28	NOC23HS30S33 430157	noc23- hs30	EnhancingSoftSkillsan dPersonality	ParasUniyal	uniyalparas028@gma il.com	accountingandfinan ce	48	NoCertificat e
29	NOC23HS30S33 430163	noc23- hs30	EnhancingSoftSkillsan dPersonality	UnnatiTiwari	unnati18052002@gm ail.com	accountingandfinan ce	70	Elite
30	NOC23CE10S33 430167	noc23- ce10	AppliedEnvironmental Microbiology	SUSHMITASING H	sushmitasingh03851 @gmail.com	biotechnology	53	Successfully completed
31	NOC22MD01S3 3430173	noc22- md01	BasiccourseinBiomed icalResearch	VarunDixit	varund209@gmail.co m	general_surgery		NoCertificat e
32	NOC23HS30S33 430175	noc23- hs30	EnhancingSoftSkillsan dPersonality	VanshNegi	varshnegi0786@gma il.com	businessadministrati on	45	Successfully completed
33	NOC23HS30S33 430187	noc23- hs30	EnhancingSoftSkillsan dPersonality	Raojariyahali	zaryabrana0786@gm ail.com	commerce	62	Elite
34	NOC23HS30S43 430193	noc23- hs30	EnhancingSoftSkillsan dPersonality	Abhaysolanki	abhaysolankisgr@g mail.com	commerce	53	Successfully completed
35	NOC22MD01S4 3430203	noc22- md01	BasiccourseinBiomed icalResearch	CHIRAGAHUJA	chigsahuja1@gmail.c om	anesthesiology		NoCertificat e
36	NOC23HS30S43 430205	noc23- hs30	EnhancingSoftSkillsan dPersonality	Abhishekrawat	abhirawat01230123@ gmail.com	businessadministrati on	47	Successfully completed
37	NOC23HS30S43 430211	noc23- hs30	EnhancingSoftSkillsan dPersonality	AdityaGusain	adityagusain043@gm ail.com	accountingandfinan ce	52	Successfully completed
38	NOC23HS30S43 430217	noc23- hs30	EnhancingSoftSkillsan dPersonality	Amanjahan	amanjahan0106@gm ail.com	commerce	54	Successfully completed
39	NOC23HS30S43 430223	noc23- hs30	EnhancingSoftSkillsan dPersonality	AnamikaRawat	anamikarawat987@g mail.com	commerce	68	Elite
40	NOC23CE10S43 430224	noc23- ce10	AppliedEnvironmental Microbiology	AnjaliYadav	anjaliydv0112@gmai l.com	microbiology	47	Successfully completed
41	NOC23HS30S43 430229	noc23- hs30	EnhancingSoftSkillsan dPersonality	JoshiAnchal	anchaljoshi021@gma il.com	commerce	45	NoCertificat e
42	NOC23HS30S43 430235	noc23- hs30	EnhancingSoftSkillsan dPersonality	AnjumRawat	anjumrawat22@gmai l.com	commerce	47	Successfully completed
43	NOC23HS30S43 430241	noc23- hs30	EnhancingSoftSkillsan dPersonality	Anshulsemalti	anshulsemalty04@g mail.com	businessadministrati on		NoCertificat e
44	NOC22MD01S4 3430243	noc22- md01	BasiccourseinBiomed icalResearch	ShardulRana	doctormuscle2887@g mail.com	other		NoCertificat e
45	NOC23HS30S43 430247	noc23- hs30	EnhancingSoftSkillsan dPersonality	AnuragYadav	anuragyadav63901@ gmail.com	commerce	31	NoCertificat e
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47	NOC23HS30S43 430259	noc23- hs30	EnhancingSoftSkillsan dPersonality	AshishKumarSwa in	ashishswain980@gm ail.com	commerce	63	Elite
48	NOC23HS30S43 430265	noc23- hs30	EnhancingSoftSkillsan dPersonality	Sumitpant	asumitpant@gmail.co m	commerce	61	Elite
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51	NOC23CE10S43 430292	noc23- ce10	AppliedEnvironmental Microbiology	Swatibisht	bishtswati98@gmail. com	microbiology	35	NoCertificat e



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 - Video Lectures: Concept of Management and Evolution of Management thought: NPTEL
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3. Adaptive Learning:

Programs or Activities for Personalized learning approaches and tutoring systems are tailored to diverse student needs, ensuring no one is left behind.

SN	Programs or Activities	Link to supportive document
1.	Proformas For Slow Performers & Advanced Learners Program	Click Here
2.	Methodology and Criteria for the assessment of Learning levels Details of special programmes	Click Here
3.	Special programmes for advanced learners and slow performers	Click Here
4.	Consolidated report to Director General (Academic Development) on special programs for advanced learners and slow learners	Click Here

4. Student Access and Support

4.1 Financial Aid and Scholarships

Policy For Interest-Free Educational Loan / Refundable Financial Assistance	
Key Features	
Eligibility	Available to students enrolled in full-time academic programs at SRHU. Applicants must demonstrate financial need and maintain satisfactory academic performance.
Loan Amount	Covers tuition fees for the second year onward.
Repayment Terms	Flexible repayment schedule, commencing after completion of the course or a defined grace period. No interest charged during the repayment period.



Application Process	Students must submit a detailed application, including financial documents and recommendations from relevant authorities. A review committee evaluates applications to ensure fair and transparent selection.
Monitoring and Accountability	Beneficiaries are required to maintain good academic standing and abide by university regulations. Regular reviews ensure that funds are utilized for the intended purpose.
Objective	This policy reflects SRHU's dedication to inclusivity and its mission to support students in achieving their educational aspirations.

Policy for scholarships and fee concessions for the students of various programmes

Policy for Interest-Free Educational Loan/Refundable Financial Assistance

4.2 Support Systems

The university has signed several Memorandums of Understanding (MOUs) with national and international institutions, providing platforms to students for skill enhancement. Currently, a number of programs at various UG & PG levels offer opportunities for internships & dissertations, besides clinical postings, and are oriented towards enhancing competency/employability/ skill development/ entrepreneurship, among students.

Various Internships by health-care program students in the hospital, and other programs' students in the industry have been undertaken, for example, Engineering- TCS iON, THDC, BHEL, Diginique Tech labs, IBM, etc on app development, machine learning, artificial intelligence, cloud computing, and web development. The students of Biomedical Engineering can also undergo internship /hands-on training at Himalayan Hospital within campus. Similarly, students in other programs also undergo such hands-on/ live/ experiential learning. Entrepreneurship Development cell (EDC) organizes activities for students to promote creativity, understand challenges in the business world, and develop leadership for setting-up their own enterprise. Courses on Personality Development, English Communication, Computer Application, Statistical Research, also enhance the skill and competency of students.

4.3 Counselling

The University runs an expert-led Psychological Counseling Cell under the '**Clinical Psychology**



Unit', providing confidential, non-judgmental support to employees and students on sexual, emotional, or psychological issues.



Psychological Counselling Facilities at Himalaya Hospital, HIMS, SRHU

4.4 Mentoring:

Swami Rama Himalayan University (SRHU) has a mentoring program that connects students with experienced professionals, offering guidance, skill development, and career insights to foster personal growth and academic success. Student mentoring is ensured under the mentorship program with a **mentee: mentor ratio of 10:1**.

SN	Category		Link
1	Mentoring Policies-SRHU		Click Here
2	Log Book of Mentor.pdf		Click Here
3	Number of value-added courses offered (2022-23) that impart transferable and life skills		For more info
	Brochure or Course content or syllabus relating to the Value-added courses	2022-23	For more info
	Sample reports of completed VAC	No. of VAC- 38	View Report



5. Inclusivity and Accessibility

The Institution has disabled-friendly, barrier free environment

Creating a disability-friendly environment is essential for ensuring that all individuals, regardless of their physical abilities, have equal access to education, services, and opportunities. The institution has prioritized accessibility through the installation of essential infrastructure, such as ramps, lifts, and accessible toilets, to provide seamless mobility for students with physical disabilities. Ramps and Lifts are especially built to use wheelchairs, ensuring they can easily navigate between different levels of a building without facing physical barriers. Additionally, the inclusion of accessible toilets equipped with wider doors, and support bars ensures that students with mobility challenges are not excluded from basic facilities.



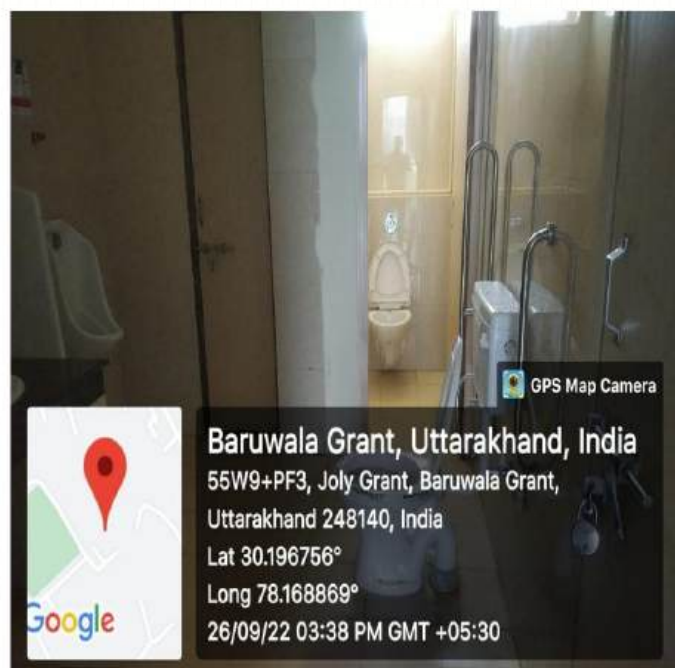


Ramps at various locations of university

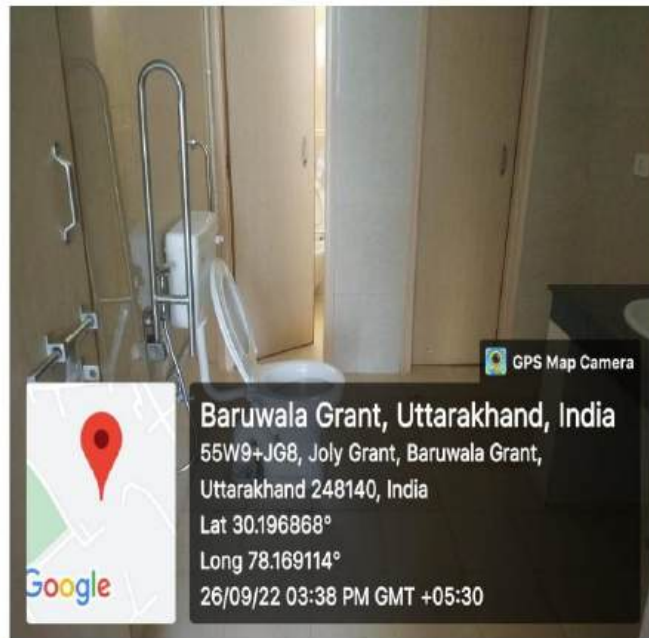




Lifts for easy access for disabled students



Disabled Friendly washroom (male) at Himalayan School of Management Studies



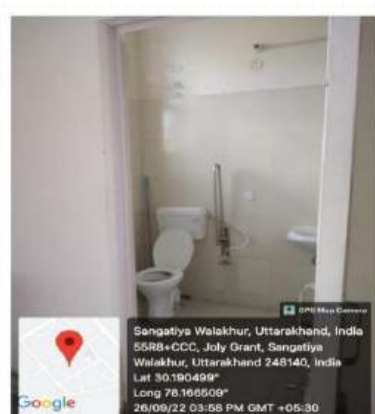
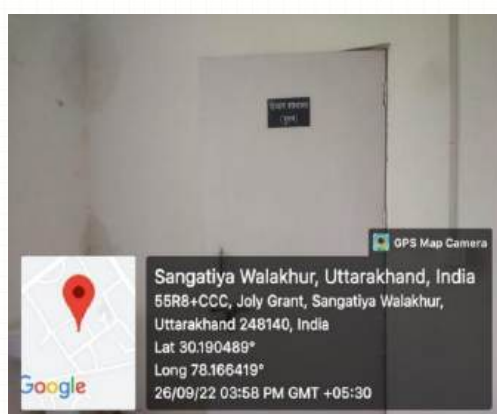
Disabled Friendly washroom (female) at Himalayan School of Management Studies



Disabled Friendly washroom at MBBS Girls Hostel



Disabled Friendly washroom (male) at Himalayan School of Science & Technology



Disabled Friendly washrooms (male & female) at Himalayan College of Nursing



Disabled Friendly washrooms (male & female) at skill building



Provision for assistance for the disabled persons

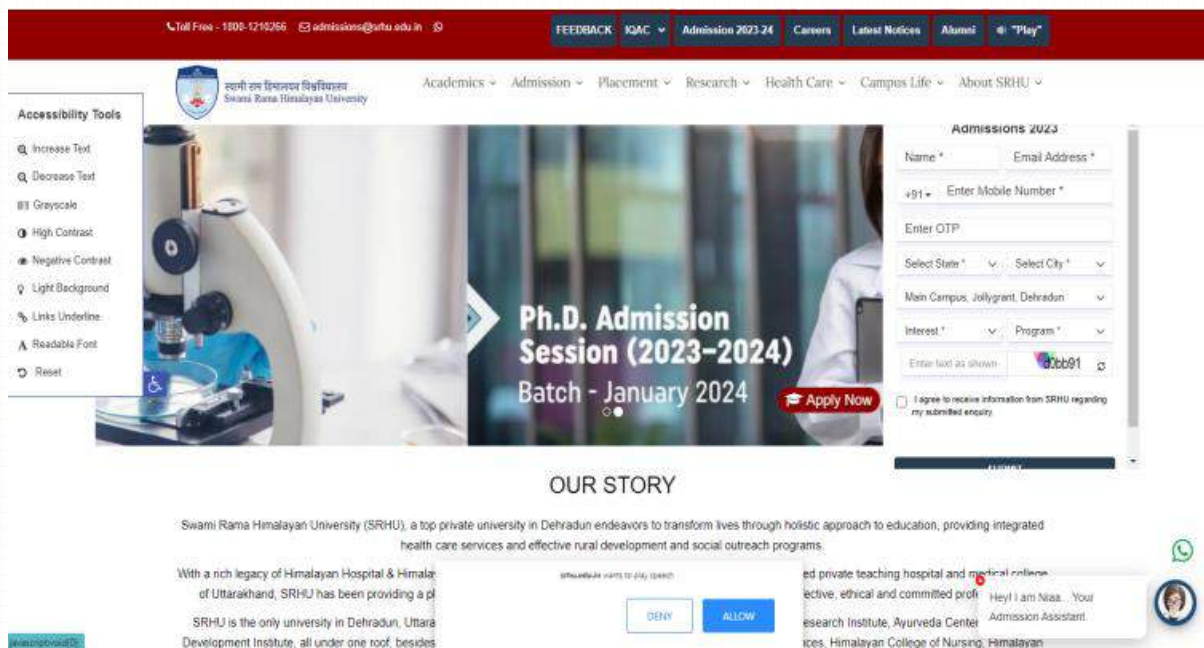




Provision for assistance for the disabled persons



Computer with NVDA software at Central Libra



The screenshot displays the SRHU website's header with a red navigation bar containing links like 'FEEDBACK', 'NAAC', 'Admission 2023-24', 'Careers', 'Latest Notices', 'Alumni', and 'Play'. Below the header, a navigation menu includes 'Academics', 'Admission', 'Placement', 'Research', 'Health Care', 'Campus Life', and 'About SRHU'. The main content area features a large banner for the 'Ph.D. Admission Session (2023-2024) Batch - January 2024' with an 'Apply Now' button. To the right, the 'Admissions 2023' form is visible, including fields for Name, Email Address, Mobile Number, OTP, State, City, Main Campus, Interest, and Program. An 'Accessibility Tools' sidebar on the left offers options like 'Increase Text', 'Decrease Text', 'Grayscale', 'High Contrast', 'Negative Contrast', 'Light Background', 'Links Underline', 'Readable Font', and 'Reset'. Below the banner, the 'OUR STORY' section describes SRHU as a top private university in Dehradun, and a chatbot window is open on the right.

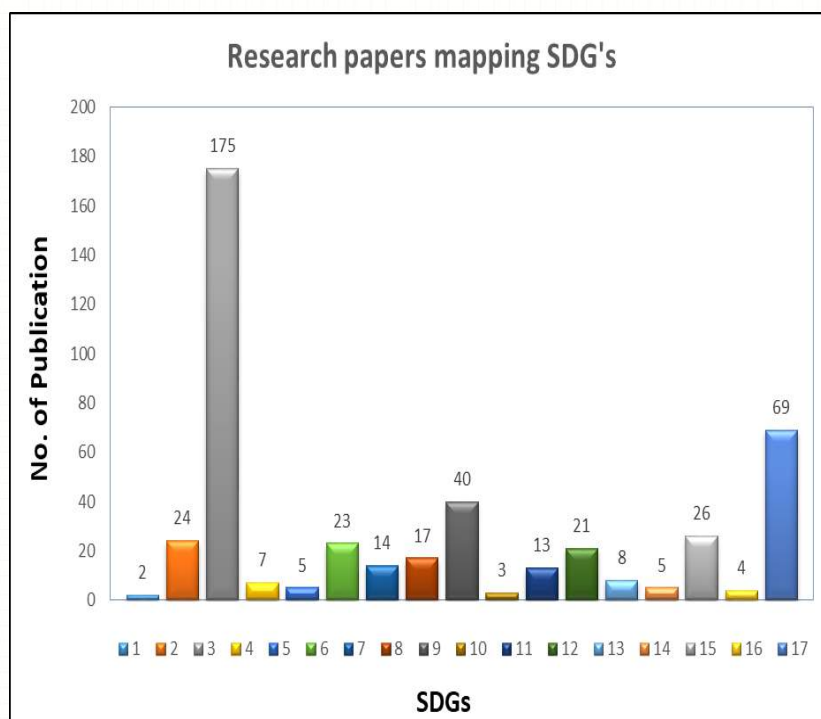
Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software

6. Research and Innovation in Education

The University fosters holistic development of students through carefully designed curricula by way of giving opportunities for field visits, research projects, industry internships, visits, and community postings as a part of curriculum enrichment. Years, the University has signed several Memorandums of Understanding (MOUs) with national and international institutions, providing platforms to students for skill enhancement. Currently, a number of programs at various UG & PG levels offer opportunities for internships & dissertations, besides clinical postings, and are oriented towards enhancing competency/employability/ skill development/ entrepreneurship, among students. Average Collaborative activities for research, faculty-exchange, student-exchange, **industry-internship /year= 104** and there are total **22 national and international functional MoUs**.



SN	Category of Event	No. of research /Activities	Link
1	Pedagogical Research	2	For More Info
2	Community and Outreach Programs	more than 500/year	For More Info
			For More Info
3	National & International Collaborations	22	For more info
			For more info
			For more info



7. Community and Outreach Programs:

Field visits are made by students in medicine, nursing, yoga, bio-sciences, engineering, and management areas.



MBBS students are engaged in field visits under the Community Medicine department. Family adoption program is an integral part of their undergraduate training where each student adopts 5 families and takes their socio demographic details, basic healthcare profile followed by regular health checkups. They also accompany their adopted families to the multi-speciality health camps organised periodically at Rural Health Training Centres (RHTC). They participate in health camps, awareness programs, school health camps, AWC and preventive healthcare initiatives conducted by the department. Students collaborate with local communities, conduct health screenings, educate residents on hygiene, nutrition, and disease prevention, fostering a proactive approach to public health. Students also contribute to data collection, community health surveys, and play a vital role in promoting healthcare literacy within the community.

The Nursing students visit various organizations/ facilities as part of their industrial visit/ educational tour like Pollution Control Board, BHEL (Haridwar), Wadia Institute of Himalayan Geology (Dehradun), water treatment plant, milk plant etc.

Yoga students visit yoga centres and like places in nearby and distant areas. Hospital administration students go to nearby district hospitals and corporate hospitals; management students go to production facilities in manufacturing companies; engineering students visit sewage treatment plant for their environmental studies; and, biosciences students visit pharmaceutical companies to see their R&D/ production units.

Medical interns are posted for 3 weeks each by rotation at Urban Health Training Centres (UHRTC), and RHTC. Post graduate medical students are posted for 3 months under the District Residency Program in various parts of Uttarakhand.

As per the Post-Graduate Medical Education Regulation, doctors have to be trained in diverse settings including those which are close to the community. Hence, they are posted in the District Health System /District Hospitals under the District Residency Program for 3 months.

Nursing students are also posted in rotation at UHTC and RHTC centres run by department of Community Medicine, HIMS, SRHU.

8. Faculty Development and Capacity Building

Swami Rama Himalayan University (SRHU)'s Faculty Development and Capacity Building programs focus on enhancing teaching skills, research capabilities, and professional growth through workshops, training, and academic collaborations.



- **Faculty Training**

Category of Event	No. of Professional development/ administrative training programme organised by the institution		Link
Faculty Training	2021-22	251	For more info
	2022-23	250	

- **Encouraging Research and Innovation**

SN	Policy related to	Link
1	Research Promotion Policy	Link for Policy
2	Financial support for Research and Publications	For more info
3	Number of Patents/ Copyrights published/ awarded/ technology-transferred (2022-23)	Patents – 46 Copyrights – 8 Industrial Designs -6 For more info

List of Sponsored Research Projects (2022-24)

Sanctioned order no.	Sanctioned date	Total Amount Sanctioned (In Lakh)	Amount Received (In Lakh) during the year	AU



UCB/HLD/22/53	05-06-2022	16.60	8,56,516.00	Himalayan Institute of Medical Sciences
UCB/HLD/22/55	05-06-2022	9.75	8,69,161.00	Himalayan Institute of Medical Sciences
UCS&T/R&D-19/2 2-23/21108	07.06.2022	9.35	7,48,000.00	Himalayan School of Science & Technology
UCS&T/R&D-12/2 1-22/20948	05-09-2022	13.84	11,98,250.00	Himalayan Institute of Medical Sciences
UCS&T/R&D-18/2 2-23/21107	07.06.2022	8.05	7,77,494.00	Himalayan Institute of Medical Sciences
UCS&T/R&D-21/2 2-23/21102	07.06.2022	9.38	8,77,732.00	Himalayan Institute of Medical Sciences
ICMR/NIE/RABIES/2022/058	9.9.2022	18.37	13,78,125.00	Himalayan Institute of Medical Sciences
UCS&T/R&D-07/2 2-23/21059	31.05.2022	9.44	7,15,000.00	Himalayan Institute of Medical Sciences
5/8/4-4/CRISPI/TF/2022-NCD-II	28.11.2022	123.06	1,23,26,380.00	Himalayan Institute of Medical Sciences
STW/Nconatology / 2 023-NCD-11	02-01-2024	153.36	1,53,36,008.00	Himalayan Institute of Medical Sciences



2023-NHRP-NEON ATAL MORTALITY- IR DATED 22.2.2024	22-02-2024	512.65	1,84,06,242.00	Himalayan Institute of Medical Sciences
F.No.R.12016/10/ 2024-HR/ E- Office: 82 92783	25.09.2024	62.00	32,87,500.00	Himalayan School of Biosciences
F.No.R.12016/10/ 2024-HR/E- Office:82 92790	25.09.2024	43.00	16,61,500.00	Himalayan Institute of Medical Sciences

9. Infrastructure and Learning Resources.

Teachers at the University leverage ICT (Information and Communication Technology) enabled tools and online resources to enhance the teaching and learning experience. The University has **100% ICT-enabled classrooms**. The entire campus is equipped with Wi-Fi and broadband Internet connectivity. **LCD projectors, smart boards, and Internet access** are available in all classrooms. The E-learning resource lab is equipped with video conferencing facilities. The establishment of a **SWAYAM NPTEL** Local Chapter at the University presents an avenue for students to enroll in courses from Massive **Open Online Course (MOOC)** platforms. The utilization of the flipped classroom model through platforms like Google Classroom, Google Meet, Microsoft Teams, and Zoom, combined with interactive online learning activities, creates a flexible curriculum that is user-friendly.

SN	Category of Event	No. of Events
1	Digital Learning Infrastructure	For more info..
2	Details of e-resources with full-text access	For more info
3	Library as a Learning Resource	For more info
4	Details of subscriptions for e-journals, e- ShodhSindhu, Shodhganga membership etc.	For more info



10. Student-Centric Activities and Engagement

Extracurricular and Co-Curricular Activities:

Swami Rama Himalayan University (SRHU) was built on the foundation of harmony and service to all. Students, irrespective of gender, participate in various co-curricular & extracurricular activities (sports, cultural programs, and fine arts & literary activities) round the year, both within and outside the University.

Our country is known for its vibrant festivals. Many of these are celebrated at the university. This includes the celebration of Lohri, Makar Sakranti, Saraswati Pooja on the occasion of Basant Panchami, Holi, Mahashivratri, Gudi Padwa, Ram Navami, Baisakhi, Id-Ul-Fitr, Raksha Bandhan, Janmashtami, Onam, Ganesh Chaturthi, Vishwakarma Pooja, Dandiya Festival (Garba Night) for Navratri celebrations, Dhanvantri Jayanti, Dussehra, Diwali, Christmas, etc. The students, faculty members, staff, and campus residents (of SRHU) perform in such festivals. The university fosters a vibrant and holistic learning environment by celebrating significant national and international commemorative days by conducting events like literary and art competitions and also emphasizes artistic along with various sports events every year and cultural expressions through co-curricular activities like performances showcasing students' creativity. These activities are crucial for students' overall development, enhancing their leadership, teamwork, and communication skills. The Institution actively engages student clubs and associations like YOUNITE and SNA (Student Nurse Association) to take lead in planning and executing some of the days like International Nurses' Day (12th May), World Environmental Day (5th June), Teacher's Day (5th September), etc. in order to foster a sense of ownership and responsibility among students and provide them with valuable leadership experiences. They foster a well-rounded education, complementing academic growth and nurturing global citizenship, responsibility, and transformative action for societal betterment.

List of Activities (2022-23)

S. N.	Name of the Event	Date	Days	No. of participants	Links
1.	Founder's Day	01.06.2022	1	1387	For more info
2.	Report on International Yoga Day	21.06.2022	1	165	For more info
3.	Guru Poornima	13.07.2022	1	18	For more info



4.	Azadi ka Amrit Mahotsav	15.08.2022	1	3386	For more info
5.	Janmashtami	19.08.2022	1	57	For more info
6.	Tiger-related Exhibition, 'Fearless Bagh'	01 to 06.09.2022	6	654	For more info
7.	Hindi Diwas	04.09.2022	1	59	For more info
8.	Open Mic Event	30.09.2022	1	858	For more info
9.	Mahatma Gandhi & Sh. Lal Bahadur Shastri Jayanti Celebration	01.10.2022	1	28	For more info
10.	Dussehra	05.10.2022	1	1257	For more info
11.	Dandiya Festival (Navratri celebrations)	11.10.2022	1	254	For more info
12.	Dhanvantari Jayanti	22.10.2022	1	12	For more info
13.	Mahasamadhi Anniversary	13.11.2022	1	1672	For more info
14.	Lohri	13.01.2023	1	123	For more info
15.	Republic Day	26.01.2023	1	1278	For more info
16.	Matribhasha Diwas	21.02.2023	1	62	For more info
17.	Human Values and Bhagavad Gita	22.02.2023	1	48	For more info
18.	Literary events	28.02.2023	1	118	For more info
19.	Holi	03.03.2023	1	1108	For more info
20.	SRHU Foundation Day (Himotsav-2023)	12 to 14.03.2023	3	4434	For more info
21.	Millet Kranthi (Revolution) Cycle Rally	14.04.2023	1	142	For more info
22.	BizVista	28.04.2023	1	44	For more info
23.	Rabindranath Tagore's birthday	09.05.2023	1	52	For more info

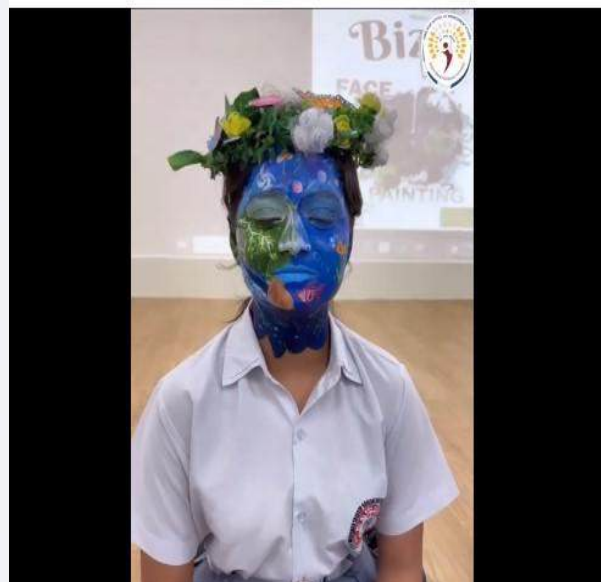


Snippets of extracurricular cultural activities by students




Swami Rama Himalayan University
 28 April · Instagram ·

Performers dazzle at SRHU's BizVista event with impressive artistry.
[srhu](#) [#hsms](#) [#businessfest](#) [#students](#) [#talent](#)



Snippets of extracurricular activities by students



Category of Event	Link to relevant Document
Community Engagement	For More Info
	For More Info

11. Quality Assurance and Continuous Improvement

Accreditation and Quality Audits: - As per the guidelines issued by the National Accreditation and Assessment Cell (NAAC), the Swami Rama Himalayan University (SRHU) has established an Internal Quality Assurance Cell (IQAC) on 8th December, 2018 for enhancement of quality in academic and administrative performance of the University.



12. Feedback and Assessment Mechanisms

Swami Rama Himalayan University (SRHU) is committed to providing a holistic education that nurtures intellectual growth alongside practical skills. Recognizing the evolving nature of education and the changing global demands, the University has established a structured feedback process across all schools and colleges to ensure that its curriculum remains innovative, relevant, and impactful.



This process actively engages multiple stakeholders—including students, faculty, alumni, employers, and professionals from diverse fields—to gather comprehensive insights. The objective is to evaluate the strengths of the existing curriculum, identify areas for enhancement, and align educational offerings with the highest academic and industry standards.

The feedback mechanism is inclusive and thorough. It incorporates the perspectives of current students and academicians, the experiential knowledge of alumni excelling in varied sectors, and the expectations of recruiters and industry experts. Such collaboration bridges the gap between academia and professional practice, ensuring that graduates are well-prepared for contemporary workplace challenges.

Once responses are consolidated, a detailed report is presented to the Governing Council, Board of Management, and Academic Council for deliberation and action.

At SRHU, this process is viewed not as a routine exercise but as a dynamic approach to continuous improvement. By leveraging the collective wisdom of its stakeholders, the University endeavors to shape a curriculum that not only meets but surpasses the demands of the ever-changing educational landscape.

Objectives of Curriculum Feedback

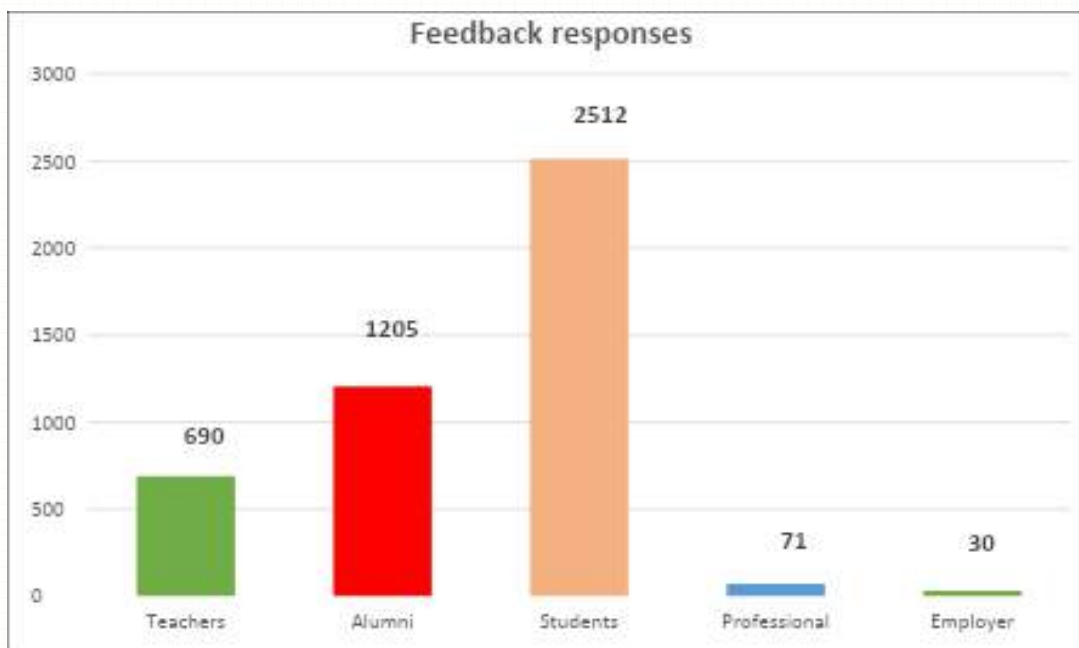
- The primary objective of curriculum feedback is to gather information on the effectiveness of the existing curriculum that meets academic requirements and is in line with the institution's goals and objectives.
- The feedback from the internal and external stakeholders, ensures that the curriculum is aligned with current industry needs and prepares students for the demands of the job market.
- Feedback allows for the identification of areas where the curriculum may need to be more flexible or adaptable to accommodate changes in technology, industry trends, or educational methodologies.
- Curriculum feedback can help assess how well the curriculum addresses issues of inclusivity, diversity, ethics and professionalism.
- The feedback obtained facilitates the development and implementation of a dynamic educational curriculum that places a strategic emphasis on enhancing students' employability, fostering entrepreneurial mindset, and cultivating a comprehensive skill set.



Curriculum Feedback responses for the year 2022-23

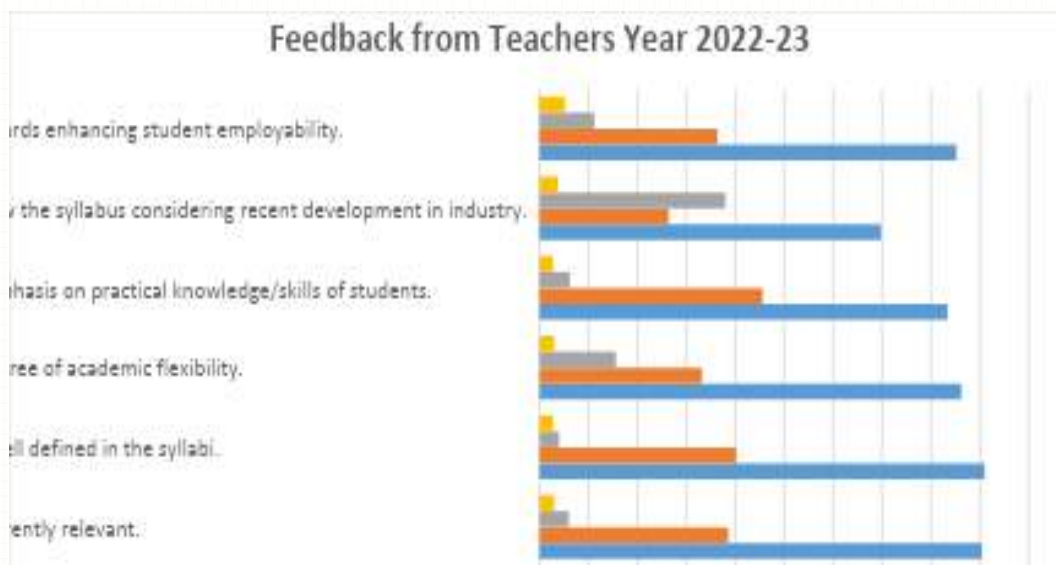
Particulars	Number of responses
Teachers	690
Alumni	1205
Students	2512
Professionals	71
Employers	30

Feedback Analysis for the year 2022-23

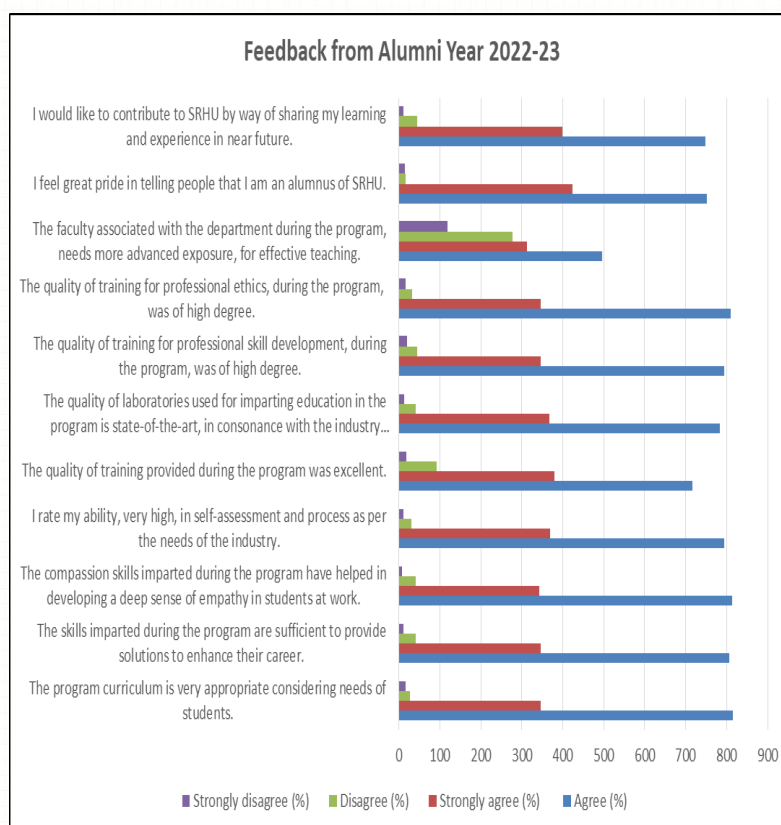




Teachers' Feedback:

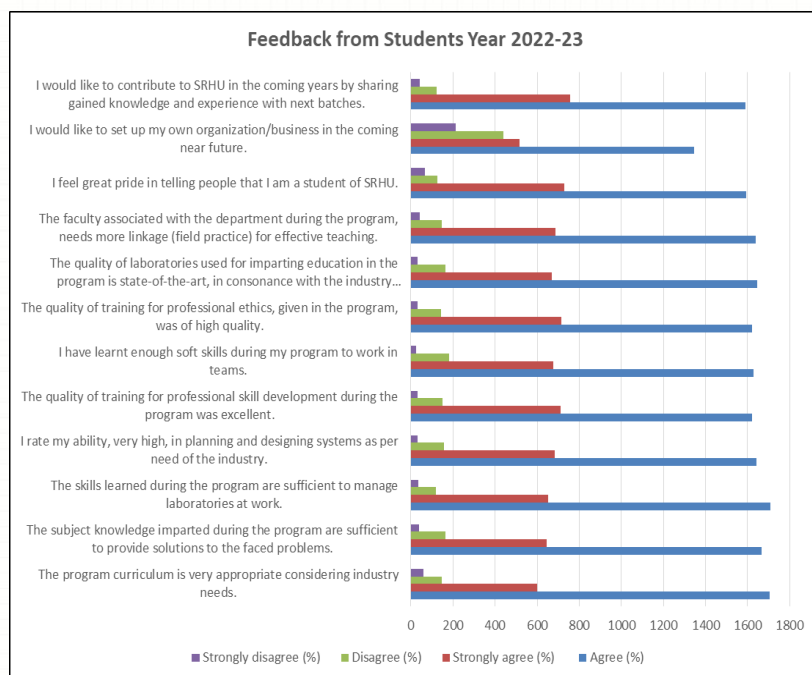


Feedback from Alumni:

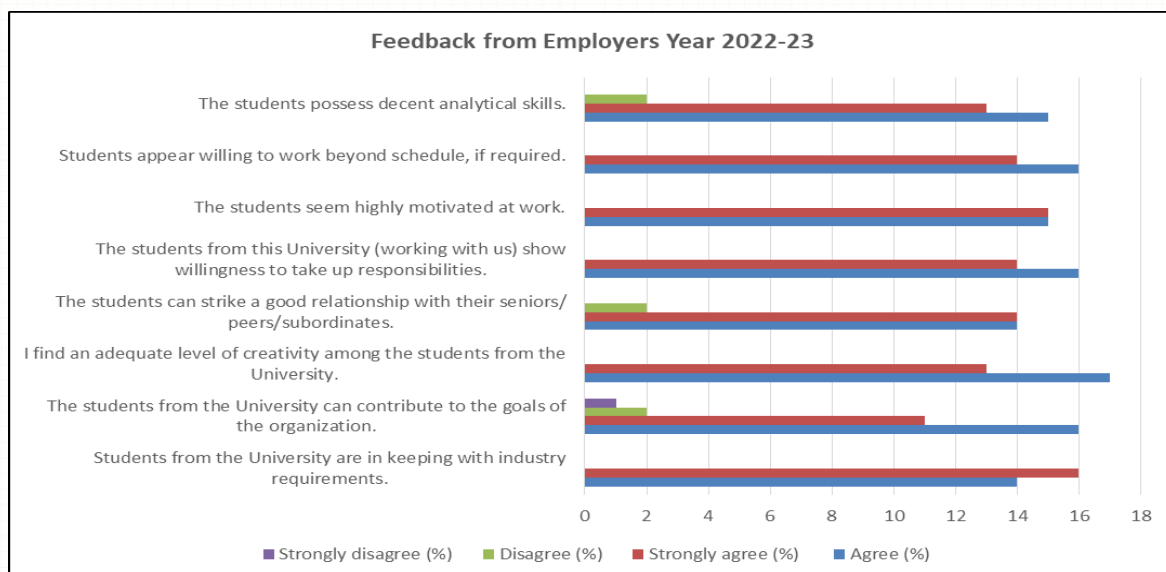




Students' Feedback:



Employers' Feedback:





Swami Rama Himalayan University

NAAC A+



**SUSTAINABLE
DEVELOPMENT GOALS**

SUSTAINABLE DEVELOPMENT GOALS



**GENDER
EQUALITY**

srhu.edu.in



Curricular Integration on Gender

SRHU is dedicated to promoting gender equality and awareness through a multidisciplinary approach integrated into the curriculum. **14% of courses** available across diverse curricula specifically focus on gender sensitivity issues, demonstrating our commitment to Sustainable Development Goal (SDG) 5 - Gender Equality.



Principal Domains of Gender Sensitization Across Disciplines

HEALTHCARE AND MEDICINE

Gender Disparities
Sexual Health Protection
Nutritional Equity
Sexual Harassment Awareness



NURSING AND ALLIED HEALTH

Child Health Advocacy
Community Health Equity
Women's Health

MANAGEMENT STUDIES

Workplace Gender Dynamics
Leadership Equity
Gender Inclusion Ethics



Multiple courses in the University's curriculum are specifically crafted to contribute to the objectives of SDG 5, fostering gender equality, empowering women, and tackling gender-based inequalities. Significant courses that correspond with the varied objectives of SDG 5:

- **Community Medicine (MBBS302):** Concentrates on mitigating gender-based health inequities and fostering equitable healthcare access, thereby aligning with **SDG 5.1** and



5.A.

- **Forensic Medicine & Toxicology (MBBS301):** Offers extensive instruction in the management of medico-legal situations, especially those involving gender-based violence, in accordance with **SDG 5.2**.
- **General Medicine (MBBS401):** Emphasizes the significance of unpaid caregiving, promoting the distribution of caring tasks in alignment with **SDG 5.4**.
- **Physiology (MBBS102) and Biochemistry (MBBS103):** Provide essential knowledge in reproductive health, guaranteeing universal access to sexual and reproductive health services, in accordance with **SDG 5.6**.

The incorporation of gender-related themes provides students with an enhanced comprehension of gender-related challenges and inequities. While enhancing practical competencies to tackle gender-based issues in professional and societal contexts.

Gender Sensitization Programs

In accordance with Sustainable Development Goal (SDG) 5, which aims to attain gender equality and empower women and girls, our University has implemented a series of effective gender sensitization and awareness initiatives. These efforts seek to cultivate an inclusive and equitable campus atmosphere, enhance knowledge of gender issues, and encourage behavioural transformation towards gender equality among all stakeholders.

Gender Sensitization sessions

In 2023-24, the University conducted **19** gender sensitization programs, with a total of **852** participants, comprising students, teachers, and staff members. Key issues discussed throughout these sessions encompassed gender stereotypes, workplace equality, gender-based violence, and the significance of women's empowerment in education and society. These sessions exhibit the University's dedication to fostering a gender-sensitive academic atmosphere and substantially enhance our initiatives to promote SDG 5.

Sessions on Gender Sensitization for academic year 2022-23

S. N.	Date	Activity	College/School	No. of Participants	Links



1.	20.05.2023	Sensitization session for newly joined employees	Department of Human Resources	10	More info
2.	08.05.2023	Sensitization session for newly joined employees	Department of Human Resources	2	More info
3.	28.04.2023	Sensitization session for newly joined employees	Department of Human Resources	15	More info
4.	20.04.2023	Sensitization session for newly joined employees	Department of Human Resources	3	More info
5.	05.04.2023	Sensitization session for newly joined employees	Department of Human Resources	7	More info
6.	28.03.2023	Sensitization session for newly joined employees	Department of Human Resources	6	More info
7.	17.03.2023	Sensitization session for MBBS students (Batch 2021)	Himalayan Institute of Medical Sciences	153	More info
8.	15.03.2023	Sensitization Program for HSYS students	Department of School of Yoga Sciences	5	More info
17.	01.09.2022	Sensitization Program for M.Sc. Clinical Research & Epidemiology students (Batch 2021 and 22) MHA students (Batch 2021 and 22)	Himalayan Institute of Medical Sciences	25	More info
18.	29.08.2022	Sensitization Program for MBBS students (Batch 2019)	Himalayan Institute of Medical Sciences	144	More info
19.	26.08.2022	Sensitization Program for B.Com (Hons.), BBA & MBA (Batch 2022)	Himalayan School of Management Studies	84	More info



Support for Women's Empowerment

SRHU is dedicated to promoting gender equality and strengthening women through specific activities. Recognizing the significance of overcoming barriers in women's education and career advancement, following initiatives to promote women's empowerment:

- **Maternity Leave and Workplace Equality**

The organization acknowledges the significance of balanced work-life and wellness by providing **90 days** of maternity leave to its female employees. This strategy is crucial in assisting working mothers by providing sufficient time for recuperation and childcare. This corresponds with SDG Target 5.4. ([For more information](#)). We also affirm our firm commitment to equitable recruitment and employment practices, ensuring that all job applicants and employees are treated equally, irrespective of their gender or any other distinguishing characteristics. [For more information](#)

- **Fee Concession for Female Candidates**

To promote participation of women in higher education, especially in technical fields, the institution provides merit-based fee concessions for female students

Eligibility: Top 5 female candidates admitted to the **B. Tech CSE Program** based on merit are eligible.

Concession Details: A one-time fee concession equivalent to **25% of the tuition fee for the first year** is granted. This scholarship is distributed over the academic year. This initiative directly supports **SDG Target 5.1** and **SDG Target 5.5** ([For more information](#))

Further, the inauguration of the Women Empowerment Center reflects **SDG 5.C**, as it institutionalized policies and frameworks to promote gender equality, thereby guaranteeing ongoing progress.

Sessions such as "[Women empowerment through virtual training program](#)" ([For more information](#)) contribute to **SDG 5.5** by empowering women with technological skills, thereby enabling them to participate more actively in leadership and decision-making roles, while also contributing to **SDG 5.B** by improving the technological proficiency of women through 70-hour ICT-focused curriculum, thereby effectively bridging gender disparities in technology.

Inclusive and Safe Campus Environment



The University has implemented a variety of initiatives that are designed to promote women's empowerment, nurture gender equality, and establish a safe and supportive environment for women.

- **Internal Complaints Committee (ICC)**

In compliance with the UGC (Prevention, Prohibition, and Redress of Sexual Harassment of Women Workers and Students in Higher Education Institutions) Regulations, 2015, the University has established the Internal Complaints Committee (ICC). The ICC is responsible for investigating and resolving complaints concerning sexual harassment in the workplace.

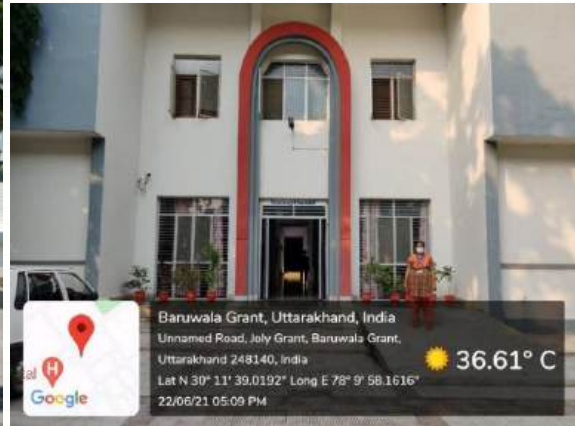
Mechanism for Resolving Grievances: The ICC reports incidents to the appropriate authorities and ensures that complaints are redressed in a timely and equitable manner.

Annual Reporting: The annual submission of comprehensive reports to higher authorities for oversight and further action includes documentation of incidents, the actions taken, and preventive measures.

This initiative is in alignment with **SDG Target 5.2**, which is to eradicate all forms of violence against women and girls in both public and private settings, including sexual and other forms of exploitation. ([For more information](#))

- **Safe and Accessible Infrastructure:**

The University provides a safe environment for female students and staff, focusing on essential elements of safety and empowerment. The placement of security personnel at certain checkpoints, coupled with the appointment of full-time female wardens in hostels, advances **SDG 5.2** by proactively mitigating risks of assault, harassment, or abuse on campus. These steps establish a safeguarding atmosphere that allows female students to pursue their study without apprehension.



Well guarded Campus and hostels



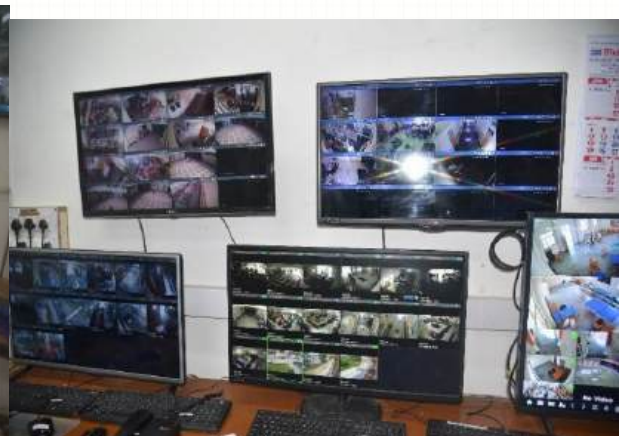
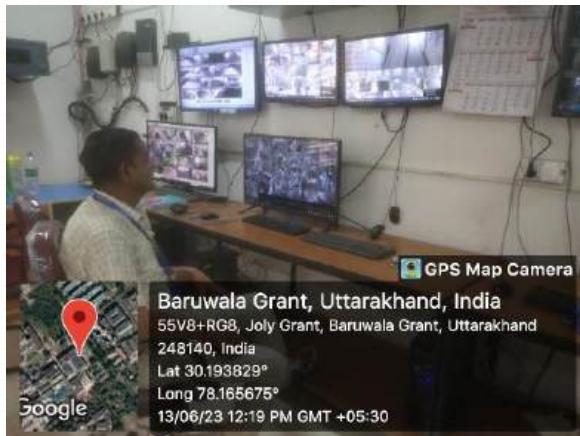
Well guarded Campus and hostels



• 24 x 7 CCTV Surveillance System

There are about **1,800** CCTV cameras placed at strategic locations, together with the establishment of an "Action Team" equipped to manage emergencies, enhance safety infrastructure and bolster **SDG 5.2** by instituting systems for the prevention, detection, and effective response to accidents.

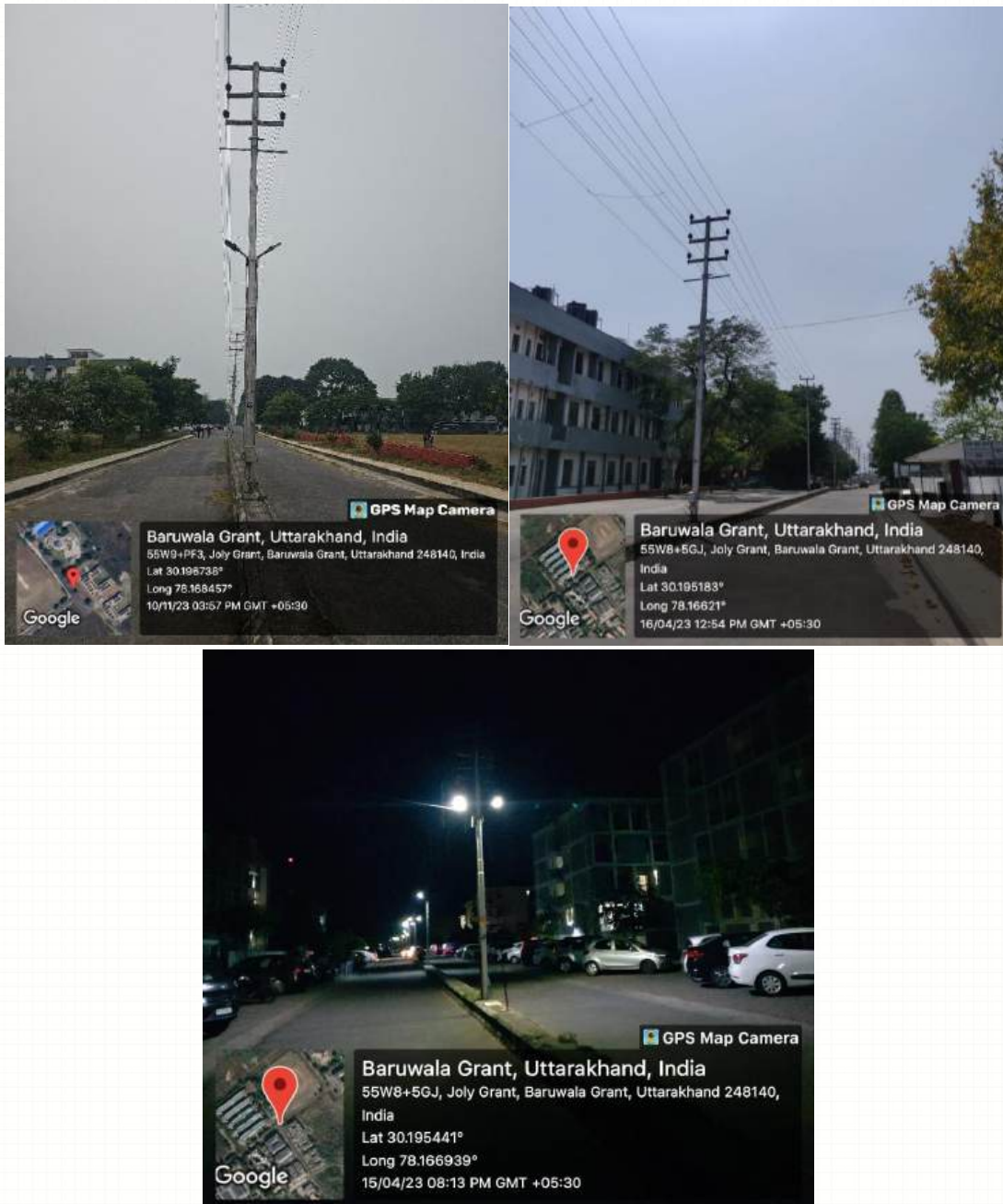
CCTV surveillance camera list



CCTV Surveillance at different locations of university

Streetlights:

Well-lit streets, supported by generator systems, guarantee safety at night, solving a critical issue regarding women's security. This corresponds with **SDG 5.4** by cultivating a sense of autonomy and safety for female students, enabling them full participation in campus life and academic pursuits.



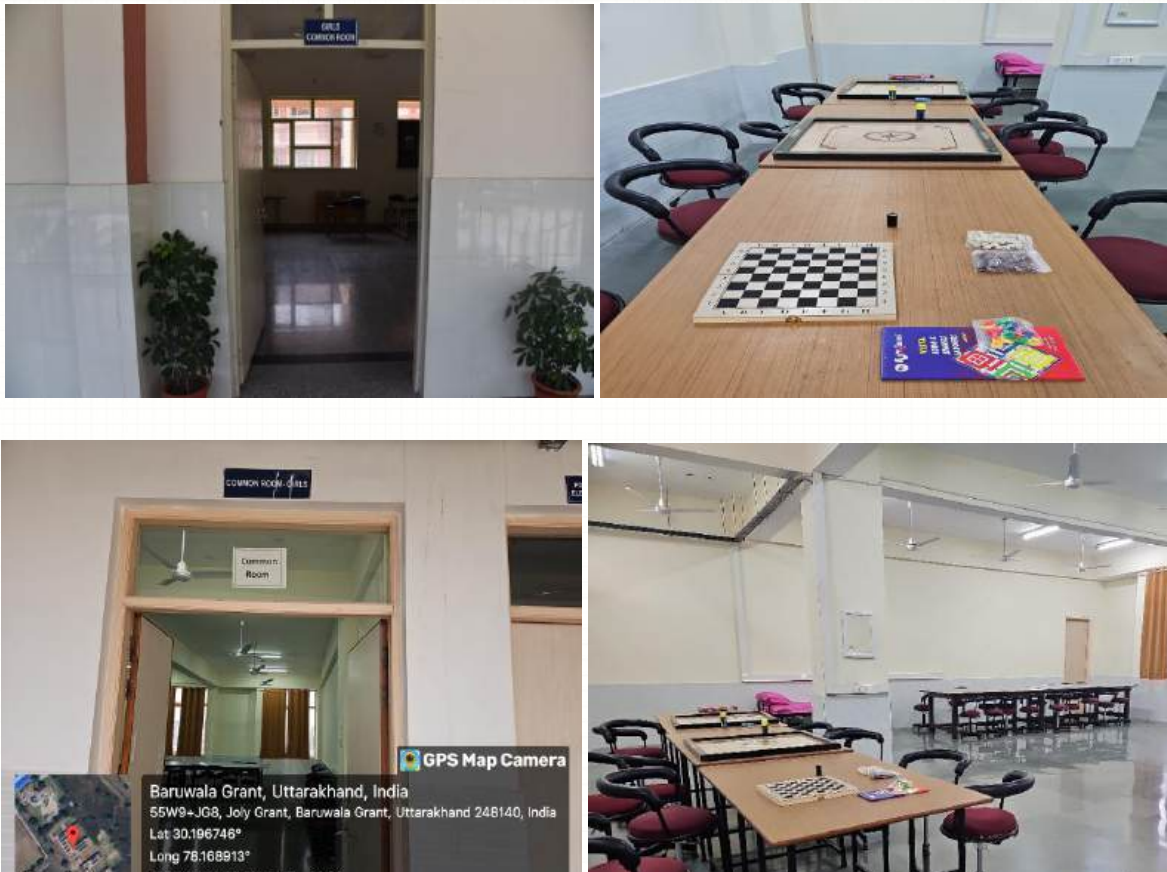
Well-lit streets across the university

- **Gender-Sensitive Campus Initiatives**

Distinct common areas for males and females, furnished with necessary amenities, fulfill **SDG 5.4** by catering to gender-specific needs. The installation of sanitary pad vending machines



and waste disposal units in the girls' common areas underscores the University's commitment to women's health and hygiene, thereby advancing **SDG 5.6**.



Common rooms for girls with recreation and other facilities

• **Creche (Pre-school and Day-care Facility)**

The Udgam Pre-school and Day-care Facility, along with the Vidya School on campus, directly contribute to **SDG 5.4** by fulfilling the childcare needs of working parents and students, especially women. These facilities, **encompassing** childcare, audio-visual activity rooms, and a designated area for nursing moms, alleviate the caregiving duty frequently disproportionately assigned to women, thus fostering gender equality.



Udgam Creche and Day care facility in the University Campus



Vidya school facility within the campus



Supplementary facilities, such a parlor, tailoring services, and food stores on campus, reduces the necessity for female employees and students to exit the grounds for daily essentials, thereby supporting **SDG 5.A**.

Measuring Progress: Gender Audit

SRHU strives to promote gender equity at all levels of the University, aligning its efforts with **SDG Target 5.1** and **5.5** (ensure women's full participation in decision-making). The gender ratio of 0.9:1 (male to female) signifies proportional representation, with women being most prevalent in faculty roles, student enrolment, and committee composition. Male students are outnumbered by female students, with 1,743 female students and 1,150 male students, resulting in a student gender ratio of 0.7:1. Among the staff, the ratio stands at 1.1:1, reflecting near parity in employment opportunities, addressing **SDG Target 5.4**

The University maintains inclusivity in governance, supporting **SDG Target 5.5** by ensuring diverse representation in decision-making. The Student Council achieves perfect parity with a 1:1 ratio, while committees such as the Internal Complaints Committee have a female-majority ratio of 1:5 (male to female), promoting gender equity in addressing workplace grievances (**SDG Target 5.C**). Women are well-represented in critical bodies such as the Academic Council (1.8:1), the Anti-Ragging Committee (1.1:1), and the Internal Quality Assurance Committee (2:1), demonstrating the University's ongoing commitment to SDG 5.

Promoting Women in Research and Innovation

The University assures that the research, development, and innovation of its constituent schools and colleges reflect equality in spirit and gender. This objective, which is affirmed in the University's research policy, emphasizes the institution's commitment to the promotion of impactful research that addresses gender-specific challenges and contributes to societal advancement.

• Research Publications

The University has made substantial scholarly contributions that emphasize the empowerment, safety, and health of women. Some of the most significant publications are:

- Does Female Sexuality Decrease in Pregnancy? A Cross-sectional Questionnaire-based Study" <http://dx.doi.org/10.2174/1573404819666220902113305>



- Are Health Caregivers Safe from Workplace Violence? A Cross-sectional Study on Workplace Safety from Tertiary Care Hospital of Uttarakhand" <https://doi.org/10.47203/IJCH.2022.v34i04.004>
- Domestic Violence: Rehabilitation Programme for the Victim and Violent/Predator Simultaneously" <https://doi.org/10.1080/19371918.2021.2019165>
- Socio-economic Correlates of Body Mass Index, Blood Pressure and Contraceptive Use by Reproductive age-group Females <https://doi.org/10.47203/IJCH.2022.v34i02.020>

- **Sponsored Projects Supporting SDG 5**

In addition to publications, the University is actively involved in sponsored research projects aimed at improving women's health outcomes:

- Establishment of Population-Specific Reference Range of Thyroid Hormones in Iodine Deficient Population during Pregnancy: Uttarakhand Himalaya: The project aims to enhance maternal health by developing population-specific reference ranges for thyroid hormones, addressing SDG 5.6.
- Prevalence of Gestational Diabetes Mellitus in Rural Dehradun: A Population-based Study: Focuses on the prevalence and impact of gestational diabetes in rural settings, contributing to better health outcomes for pregnant women and aligning with SDG 5.4 and SDG 5.6. ([For more information](#))

By promoting gender-sensitive research and fostering innovative solutions, the University plays a pivotal role in advancing gender equality and improving the quality of life for women in the region.

Women's Health and Well-Being

- **Health and Wellness Programs for Women:**

SRHU actively aligns its health and wellness programs for female students with specific **SDG 5 targets**. Through initiatives like **World Breastfeeding Week** ([more info](#)), which supports **Target 5.6**, the university emphasizes maternal health and well-being. Awareness campaigns such as the **Nukkad Natak on Gender Reversal** ([more info](#)) and **Domestic Violence** ([more info](#)) address **Target 5.2** by promoting conversations around gender equity and domestic violence prevention. Menstrual hygiene summit ([more info](#)) further reinforce **Target 5.1** by



addressing health inequities and empowering women with critical knowledge and resources. Collectively, these programs reflect SRHU's commitment to fostering gender equality and holistic development for women.

- **Counseling and Support Services:**

The Psychological Counselling Cell managed by the Clinical Psychology Department, supports **SDG 5.2** by offering confidential and non-judgmental treatment for sexual, emotional, or psychological concerns. This effort guarantees prompt assistance, enhancing a safer and more responsive campus atmosphere.

Community Engagement and Outreach

The University enhances women's empowerment through its partnership with the **Rural Development Institute** (RDI), promoting women's leadership by training community health professionals and assisting over **200,000 women** and **19,000 children**. This initiative has improved the participation of women in local governance and frontline health roles, fostering social transformation. Moreover, SRHU has played a pivotal role in developing inclusive materials, like Braille books on menstrual hygiene, thereby enhancing accessibility and addressing gender-specific health requirements.

Maternal and Child Health Camps

A total of 73 maternal and child health camps were conducted every Wednesday and Saturday at government health facilities and Anganwadi centers. These camps provided a comprehensive package of services, including general health examinations, risk assessments, basic investigations (e.g., Hb and urine albumin testing), and distribution of essential medicines like IFA and calcium tablets. Counseling sessions on nutrition, hygiene, institutional deliveries, and family planning further empowered women to make informed health decisions.

- 1,355 pregnant and lactating women received care.
- 160 high-risk pregnancies were managed with services like transportation, treatment, and distribution of 105 nutrition kits for women with severe anemia.
- Training sessions were conducted for frontline health workers, ASHAs, and Anganwadi workers to enhance community outreach.



Village Health, Sanitation, and Nutrition Days (VHNDs)

Monthly VHNDs were strengthened with health camps and counselling sessions on topics such as family planning, nutrition, and hygiene, fostering community-level awareness and improving healthcare access.



Menstrual Hygiene and Saafkin Distribution

To address menstrual hygiene, 300 reusable sanitary napkins (Saafkins) were distributed among adolescent girls using unsafe alternatives. Additionally, online training on menstrual



hygiene management (MHM) for teachers was initiated, supported by the Director of the Department of Education, Uttarakhand.



स्वामी राम हिमालयन विश्वविद्यालय
Swami Rama Himalayan University



Nutrition Awareness and World Nutrition Week

World Nutrition Week (September 1–7, 2022) focused on the theme "Celebrate a World of Flavors." Women were educated on preparing nutritious meals using local produce like Koda, Jhangora, and seasonal vegetables, especially for pregnant women and adolescents.



स्वामी राम हिमालयन विश्वविद्यालय
Swami Rama Himalayan University





Holistic Health Workshops

Weekly workshops on holistic health for women included practical sessions on breath awareness, relaxation techniques, and posture improvement. 37 women participated, learning methods to promote physical and mental well-being.

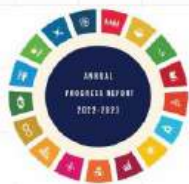


Women-Led Media Initiatives

A women-led media team produced 49 films and documentaries addressing critical issues like nutrition, holistic health, and teacher training. These initiatives amplify awareness and encourage positive behavioral changes.



By addressing maternal health, menstrual hygiene, nutrition, and holistic wellness, the university's initiatives significantly contribute to empowering women, fostering gender equality, and aligning with the goals of SDG 5.



SUSTAINABLE DEVELOPMENT GOALS

SUSTAINABLE DEVELOPMENT GOALS



CLEAN WATER AND SANITATION

srhu.edu.in



Swami Rama Himalayan University (SRHU) is committed to advancing Sustainable Development Goal 6 (SDG 6) through education, research, innovation, and community outreach. The University integrates sustainable water management, sanitation, and hygiene into its academic, infrastructural, and rural development activities, thereby ensuring health, environmental stewardship, and community empowerment.

SRHU Initiatives for SDG 6: Clean Water and Sanitation

1. Campus-Based Initiatives

SRHU integrates sustainable water management directly into its infrastructure and daily operations, serving as a model for eco-friendly practices.

- **Rainwater Harvesting**

SRHU has adopted a comprehensive rainwater harvesting system as a cornerstone of its sustainable water management strategy. Rooftop harvesting structures have been installed across multiple campus buildings to capture and channel rainwater efficiently. The collected water is stored in both underground and overhead tanks, ensuring a reliable supply for non-potable purposes such as irrigation of green spaces, campus landscaping, and cleaning activities. To enhance groundwater sustainability, recharge pits and trenches have been strategically constructed to facilitate natural percolation and replenish aquifers. Beyond infrastructure, SRHU emphasizes awareness and behavioral change; regular workshops, training sessions, and campaigns are conducted to educate students and staff on the importance of rainwater harvesting and water conservation. This integrated approach not only reduces dependence on external water sources but also nurtures a culture of sustainability within the university community.



Underground RWH tank (capacity 150 KL)



Rainwater harvesting recharge pits near Tubewell and Guest house respectively



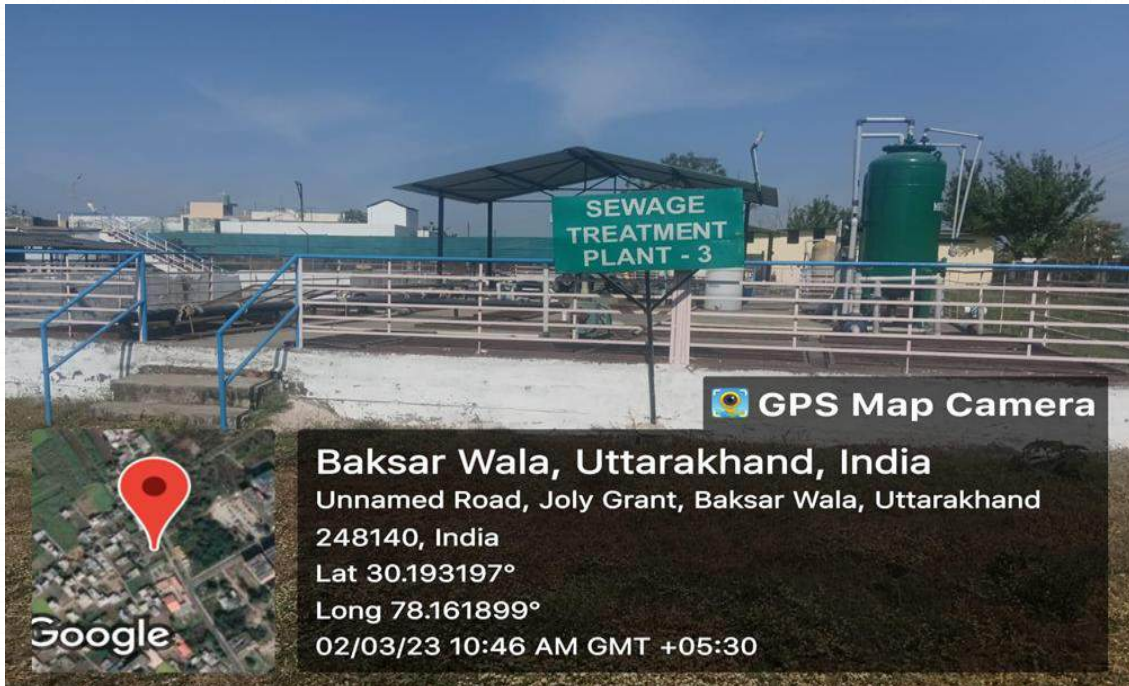
- **Wastewater Recycling**

The wastewater generated in laboratories and other facilities such as the laundry is treated in a Sewage Treatment Plant (STP) using Moving Bed Biofilm Reactor (MBBR) technology combined with an extended aeration–activated sludge process. In addition, an Effluent Treatment Plant (ETP) with a capacity of 80,000 liters receives wastewater from across the campus, including the hospital, to remove toxic and non-toxic materials and chemicals.

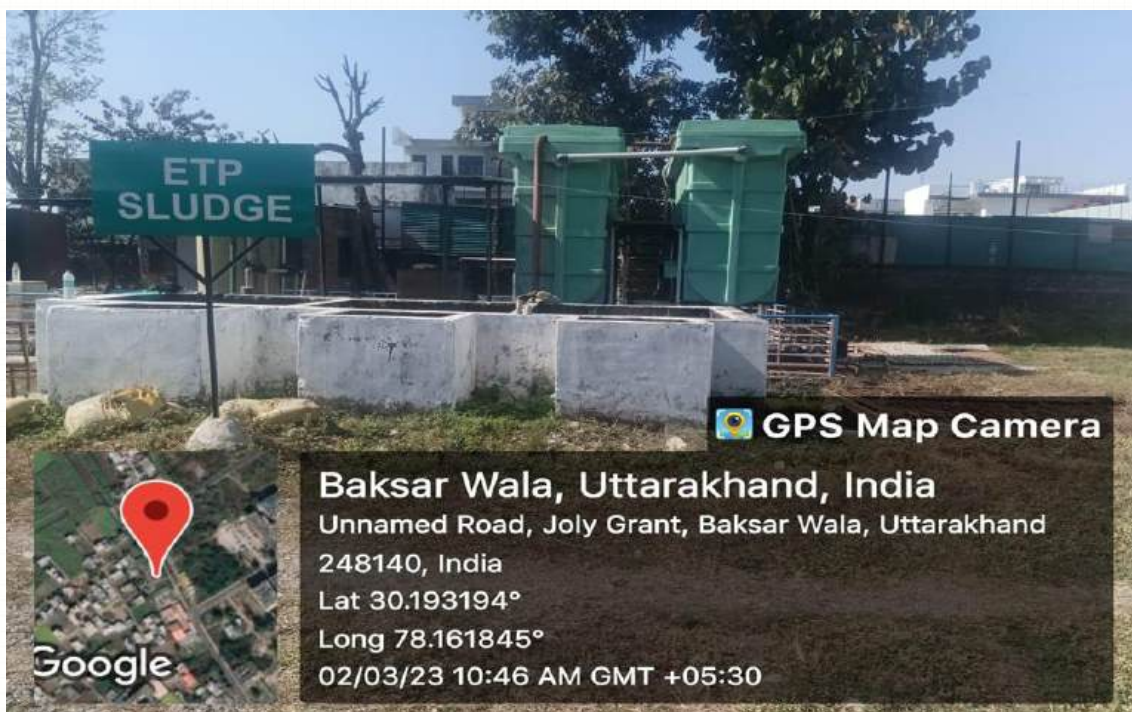


Sewage Treatment Plant no. 1 & 2

The treated water consistently conforms to the statutory quality standards prescribed by the State Pollution Control Board and is safely reused for watering plants in parks and other green areas. These practices reduce the demand on freshwater resources and reinforce SRHU's commitment to sustainable water management in line with SDG 6: Clean Water and Sanitation.



Sewage treatment plant no. 3



Effluent Treatment Plant (Capacity: 90 KLD)

- Water Body & Distribution System Maintenance



SRHU ensures efficient and sustainable water management through regular upkeep of its water bodies and distribution systems. Storage tanks, ponds, and recharge pits undergo periodic cleaning to maintain water quality and functionality. A system of leakage detection and prompt pipeline repairs minimizes water loss, while routine water quality testing ensures compliance with safety standards. Additionally, sustainable landscaping practices—such as planting drought-resistant species and using mulching techniques—help reduce overall water demand on campus.



Tubewell no. 1 & 2



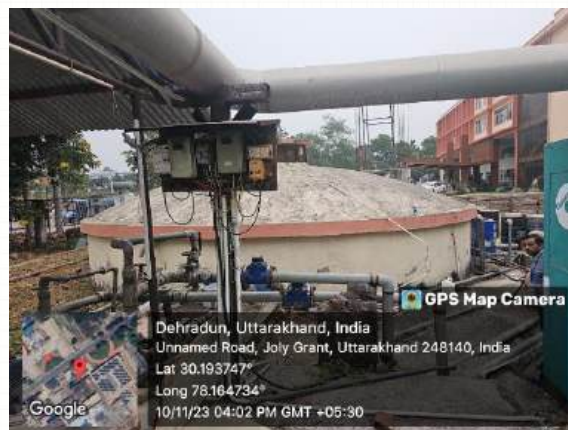
Tubewell no. 3 and water distribution system



Distribution pipe from the tubewell to underground tank and the distribution system from Tubewell no.2



Distribution System:



Pipelines for water distribution through underground water tanks

- **Tanks and Bunds**

To augment water security, the campus has constructed large storage tanks for both rainwater harvesting and storage of treated wastewater. Bunds have been designed strategically to capture surface runoff, reduce soil erosion, and facilitate groundwater recharge. Integrated into the campus landscape, these tanks and bunds not only conserve water but also support the development of eco-friendly and water-efficient green spaces.



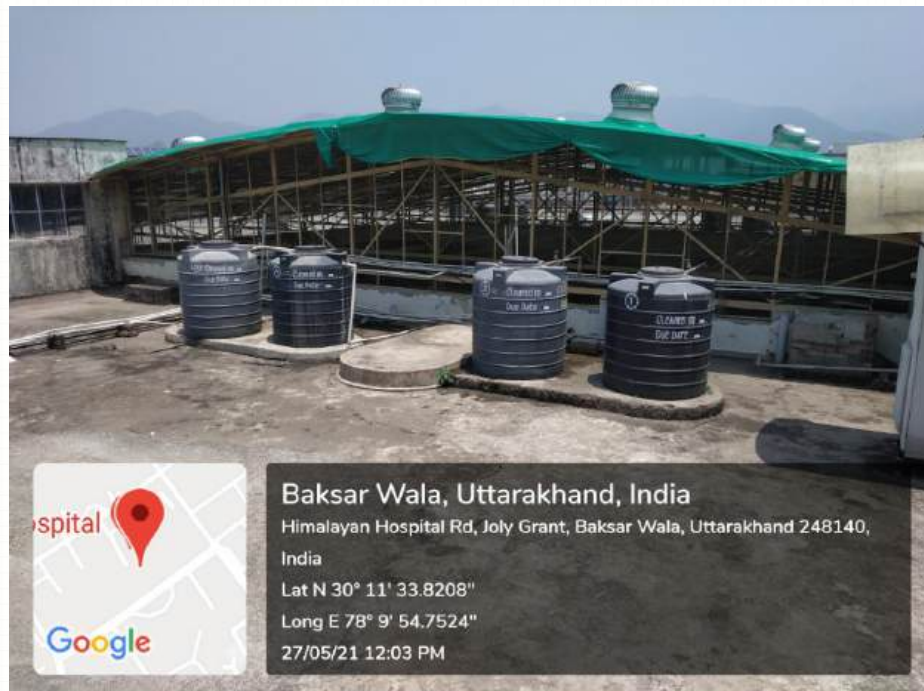
Overhead Tank (Tubewell Chowk) with capacity of 250 KL



Underground water tanks (Tube well Chowk- 150 KL and behind the main Hospital building- 175 KL)



Water tanks on the roof of Trauma Centre Building



Water tanks on the roof of main Hospital Building



Water tanks on the roof of Nursing College Building



- **Liquid Waste Management**

Swami Rama Himalayan University (SRHU) follows a systematic approach to liquid waste management, ensuring minimal environmental impact and sustainable reuse. Liquid waste is segregated at the source in laboratories, hostels, and other facilities to enable efficient treatment. A multi-stage treatment process—encompassing biological, chemical, and physical methods—is employed to remove contaminants and bring the water within prescribed safety limits.

The treated water is reused for irrigation of green spaces and sanitation purposes, thereby reducing dependence on freshwater resources. To maintain compliance and efficiency, regular audits are conducted, and training programs for staff and students promote awareness and best practices in liquid waste handling.

Policy on Liquid waste management: [Click here](#)



Effluent Treatment Plant (Capacity: 90 KLD) for liquid waste management



2. Community Outreach and Extension

SRHU extends its expertise beyond the campus to promote sustainable water and sanitation practices in rural communities.

Jal Jeevan Mission (JJM) Initiatives at SRHU

1. Trainings and Capacity Building

SRHU, in collaboration with the State Water & Sanitation Mission (Govt. of Uttarakhand) and the Ministry of Jal Shakti, has conducted multiple training programs across different states including Uttarakhand, J&K, Himachal Pradesh, Manipur, and Sikkim. These included:

- **Mid-level Public Health Engineers** trained on Har Ghar Jal, integrated water resource management, greywater management, and source sustainability



Capacity Building of Mid-level Public Health Engineers on Jal Jeevan Mission for Har Ghar Jal at Swami Rama Himalayan University

- **Implementation Support Agencies (ISAs)** oriented on JJM guidelines, operational strategies, community participation, and O&M systems.



Training & Capacity Building Session of Implementation Support Agencies (ISAs) under JJM at SRHU

- **PRI members, VWSCs, ASHAs, and AWWs** trained at the Nyay Panchayat level on safe water supply, greywater management, rainwater harvesting, water quality monitoring, and ownership of schemes

2. Village Development Projects

As part of the Jal Jeevan Mission (JJM), Swami Rama Himalayan University (SRHU) has actively supported rural water security through the implementation of spring-based, gravity flow, and solar-powered water supply schemes. These initiatives have enabled the provision of functional household tap connections and the construction of community water tanks, ensuring reliable access to safe drinking water in villages.

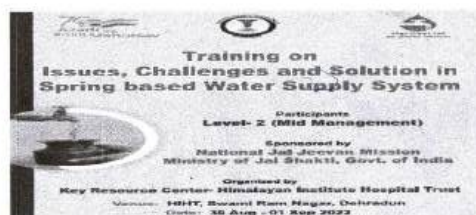
In addition, measures for greywater management and groundwater recharge—such as percolation pits, contour trenches, and recharge interventions—have been incorporated to promote sustainable water use and long-term source sustainability. Together, these efforts have strengthened rural infrastructure, improved community health, and advanced the goal of Har Ghar Jal.



Session on Jal Jeevan Mission (JJM) at Nyay Panchayat Level at Block Office, Kalsi, Dehradun



Spring-based Water Supply Systems Training (Aug-Sep 2022)



Attendance Sheet (30 Aug-01 Sep 2022)

S. N.	Name of participant	Designation	Department	District and/or State	Contact (Email & Ph. No.)	Attendance			Is accommodation availed?	
						Day-1 (30.08.22)	Day-2 (31.08.22)	Day-3 (01.09.22)	Yes/ No	Signature
1	Fayaz Ahmed	Asstt. Engineer	J&K Jal Shakti P.H.E., Sopore	Baramulla, J&K.	fyatoo@gmail.com 9797575511				Yes	
2	Ramneek Sood	Assistant Engineer	Jal Shakti Vihag, Kangra	Kangra, H.P.	ramneeksood12099@gmail.com 9418612099				Yes	
3	Jasdish Singh Panwar	Assistant Engineer	Jal Sankshon Gopeshwar	Chamoli, Uttarakhand	panwar442@gmail.com 9411552592				Yes	
4	Varun Pangotra	Asstt. Assistant, Ex. Engineer	J&K Jal Shakti P.H.E., Kathua	Kathua, J&K	varunpangotra91@gmail.com 9797388162				Yes	
5	Burai	Junior Engineer	Jal Shakti Circle Vihag, Kangra	Kangra, H.P.	bhardwajsuraj989@gmail.com 8530476566				Yes	
6	Gopal Singh Chaudhary	Junior Engineer	Jal Shakti Vihag, Arki	Solan, H.P.	gopal034@gmail.com 9809629352				Yes	

KRC-HIHT



3. School Outreach Programs

Swami Rama Himalayan University (SRHU) has undertaken extensive school outreach initiatives under the Jal Jeevan Mission to promote safe water and sanitation practices among children. Awareness sessions and workshops were conducted to educate students on the importance of safe drinking water, sanitation, personal hygiene, and regular handwashing. To reinforce learning, educational materials such as booklets, posters, and interactive demonstrations were distributed. These efforts aimed at instilling lifelong healthy habits and fostering a culture of water conservation and hygiene among younger generations.

4. Har Ghar Jal Campaigns

SRHU has actively engaged in Har Ghar Jal campaigns to celebrate community achievements in water accessibility and to build collective responsibility. Events such as the Har Ghar Jal Diwali Mahotsav highlighted the transformative impact of the mission by linking water availability with cultural pride and festivities. Through these campaigns, communities were encouraged to adopt responsible water use, strengthen community ownership of water schemes, and ensure long-term sustainability of water resources.

SRHU actively engages in extension and outreach activities to promote water sustainability and sanitation awareness in the community. Key initiatives include:

a) **Community Awareness Programs:** Conducting workshops, seminars, and campaigns on water conservation and hygiene practices.

S.N.	Particular	Link
1.	Jal Jeevan Mission (JJM) on 07 Jan 2023	View document
2.	Jal Jeevan Mission (JJM) on 10 Jan 2023	View document
3.	Jal Jeevan Mission (JJM) on 22 Jan 2023	View document
4.	Jal Jeevan Mission (JJM) on 23 Jan 2023	View document
5.	Jal Jeevan Mission (JJM) on 24 Jan 2023	View document
6.	Jal Jeevan Mission (JJM) on 10 Feb 2023	View document
7.	Jal Jeevan Mission (JJM) on 13 Feb 2023	View document
8.	Jal Jeevan Mission (JJM) on 15 Feb 2023	View document
9.	Jal Jeevan Mission (JJM) on 17 Feb 2023	View document



10.	Jal Jeevan Mission (JJM) on 21 Feb 2023	View document
11.	Jal Jeevan Mission (JJM) on 24 Feb 2023	View document
12.	Jal Jeevan Mission (JJM) on 25 Feb 2023	View document
13.	Jal Jeevan Mission (JJM) on 03 March 2023	View document
14.	Jal Jeevan Mission (JJM) on 06 March 2023	View document
15.	Jal Jeevan Mission (JJM) on 13 March 2023	View document
16.	Jal Jeevan Mission (JJM) on 14 March 2023	View document
17.	Jal Jeevan Mission (JJM) on 15 March 2023	View document
18.	Jal Jeevan Mission (JJM) on 16 March 2023	View document
19.	Jal Jeevan Mission (JJM) on 17 March 2023	View document
20.	Jal Jeevan Mission (JJM) on 21 March 2023	View document
21.	Jal Jeevan Mission (JJM) on 23 March 2023	View document
22.	Jal Jeevan Mission (JJM) on 24 March 2023	View document
23.	Training on Rainwater harvesting and ground water discharge on 6 January 2022	View document
24.	Training on long term sustainability, security, recharge and management of drinking water sources on 11 January 2022	View document
25.	Training on Key Components of Jal Mission on 13 January 2022	View document
26.	Training on Rainwater harvesting and ground water discharge on 18 January 2022	View document
27.	Training on Greywater Management on 27 January 2022	View document
28.	Training on Greywater Management on 08 February 2022	View document
29.	Training on long term sustainability, security, recharge and management of drinking water sources on 16 February 2022	View document
30.	Training on Greywater Management on 22 Feb 2022	View document
31.	Training on Jal Jeevan Mission (JJM) for Har Ghar Jal on 24 Feb 2022	View document
32.	Training on Jal Jeevan Mission for Har Ghar Jal on 03 March 2022	View document
33.	Training on Innovative Technologies for JJM on 08 March 2022	View document
34.	Training on Innovative Technologies for JJM on 14 March 2022	View document



35.	Training on Innovative Technologies for JJM on 23 March 2022	View document
36.	Training on Jal Jeevan Mission (JJM) for Har Ghar Jal on 05 April 2022	View document
37.	Training on Jal Jeevan Mission (JJM) for Har Ghar Jal on 11 April 2022	View document
38.	Training and capacity building of implementation support agencies (ISAs) under JJM on 13 June 2022	View document
39.	Training and capacity building of implementation support agencies (ISAs) under JJM on 17 June 2022	View document
40.	Training and capacity building of implementation support agencies (ISAs) under JJM on 27 June 2022	View document
41.	Training and capacity building of implementation support agencies (ISAs) under JJM on 01 July 2022	View document
42.	Training and capacity building of implementation support agencies (ISAs) under JJM on 06 July 2022	View document
43.	Training and capacity building of implementation support agencies (ISAs) under JJM on 11 July 2022	View document
44.	Training and capacity building of implementation support agencies (ISAs) under JJM on 15 July 2022	View document
45.	Training and capacity building of implementation support agencies (ISAs) under JJM on 29 July 2022	View document
46.	Training on issues, challenges and solutions in spring-based water supply system on 30 August 2022	View document
47.	Training and capacity building of implementation support agencies (ISAs) under JJM on 12 Oct 2022	View document
48.	Training on issues, challenges and solutions in spring-based water supply system on 24 Nov 2022	View document
49.	Jal Jeevan Mission (JJM) on 08 Dec 2022	View document
50.	Jal Jeevan Mission (JJM) on 10 Dec 2022	View document
51.	Jal Jeevan Mission (JJM) on 12 Dec 2022	View document
52.	Jal Jeevan Mission (JJM) on 14 Dec 2022	View document
53.	Training and capacity on Change management and activities for Har Ghar Jal on 20 Dec 2022	View document
54.	Jal Jeevan Mission (JJM) on 26 Dec 2022	View document
55.	Jal Jeevan Mission (JJM) on 27 Dec 2022	View document



3. Research and Innovation

Aligned with Sustainable Development Goal 6 (Clean Water and Sanitation), Swami Rama Himalayan University (SRHU) undertakes innovative research to ensure the availability, accessibility, and sustainable management of water resources. Key areas of focus include the development of advanced water purification technologies and low-cost wastewater treatment solutions designed to improve water quality, particularly in resource-constrained settings.

Researchers at SRHU are actively working on efficient water recycling systems and sustainable irrigation practices to optimize water use in both agricultural and urban contexts. In addition, climate change impact studies on water resources provide critical insights for adaptive conservation and management strategies. The University also explores the integration of smart technologies for real-time water quality monitoring and leakage detection, thereby enhancing the efficiency and resilience of water distribution systems.

Through collaborations with government agencies, industries, and international organizations, SRHU contributes to the design and implementation of sustainable solutions that address water scarcity, pollution, and sanitation challenges. These efforts not only strengthen environmental stewardship but also foster long-term resilience in water management at local, national, and global levels.

Research Projects

Intramural Research Projects:

The University provides research funds to promote the research for conduction of research ([Intramural-Projects-Completed-2022.pdf](#), [Intramural-Projects-Completed-2023.pdf](#)).



To name a few intramural projects funded by the university are:

S. N.	Name of the project	Duration of the project	Name(s) of the teacher(s) working in the project receiving seed money	Seed money provided (in lakhs)	Year of receiving the seed money
1.	Apparatus For Real-Time Videotaping and Still Image Capturing for Fish Behavioural Patterns	12 Months	Dr. Vishal Rajput, Dr. Sanjay Gupta, Dr. Chandra Shekhar Nautiyal	0.3	2022-2023
2.	Development of Low-Cost Model for Efficient Treatment of Hospital Wastewater	12 Months	Dr. Geeta Bhandari	3.000	2022-2023
3.	Established of behavioural bioindicators in freshwater stream fish against the specific neurotoxin	24 Months	Dr Vishal Rajput	4.000	2022-2023
4.	Sustainable synthesis of biogenic nanoparticles from waste as cost-effective approach for biomedical applications	12 Months	Dr Archana Dhasmana	4.000	2022-2023
5.	Integrated Intelligent Rainwater Harvesting and Storage System Based on IOT For Converting It to Purified Water	06 Months	Suman, Shruti; Saurabh, Kumar; Bahadur Saini, Dilip Kumar Jang; Aggarwal, Nikhil; Shrivastava, Amit; Rakesh, Shanu Kuttan; Sonekar, Shrikant V.; Haridas, Sanjay Laxmikant; Subramanyam, M Madhusudhana and Vaishnav, Satish R.	0	2021-2022
6.	Pani Ki Kahani	06 Months	Mr. Vishnu Sharan, Mr. Nitesh Kaushik, Dr. Rajeev Bijalwan, Mr. Raj Kumar Verma, Mr. Naresh Thapliyal	0.482	2021-2022

Extramural Research Projects:



Swami Rama Himalayan University (SRHU) actively secures extramural funding from national agencies to advance projects aligned with SDG 6 (Clean Water and Sanitation). These funds support the development of advanced water treatment, recycling, and recharge facilities, and drive research on purification technologies, wastewater management, and sustainable irrigation.

Funded projects also address water scarcity, pollution, and sanitation challenges in rural and urban settings, while enabling community outreach, capacity-building, and awareness programs. By leveraging external support, SRHU strengthens its research and community engagement, contributing to the sustainable management of water resources and improved sanitation for all.

S.N.	Financial Year	Title of the Project	Sanctioned order no.	Sanctioned date	Total Amount Sanctioned (In Lakh)	Amount Received (In Lakh) during the year	AU
1	2021-22	Bioprocess Development for the Biological Removal of Iron from Subsurface Drinking Water	UBC/R&Dproject/2022/194	5.3.2022	16.36	6,86,710.00	HIMS
3	2022-23	Bio-Prospecting of Microalgae for Biomass Production and Treatment of Hospital Wastewater	UCB/HLD/22/55	05-06-2022	9.75	8,69,161.00	HIMS

Research publications:

Swami Rama Himalayan University advances SDG 6 through impactful research and scholarly contributions. Faculty and researchers consistently publish in peer-reviewed journals, presenting innovative solutions to pressing water and sanitation challenges. Key areas include water purification technologies, wastewater treatment, rainwater harvesting, groundwater management, and climate change impacts on water resources. These publications not only generate new knowledge but also guide practical strategies for sustainable water management. ([Scopus - Swami Rama Himalayan University](#)).



- Kumari, M., Bora, J., Dhasmana, A., Sinha, S., Malik, S. Nanotechnology for bioremediation of industrial wastewater treatment. Advanced Application of Nanotechnology to Industrial Wastewater, 2023
- Dhillon, N., Gupta, S., Kumar, V., Bhandari, G., Arya, S. Lipid. Journal of Pure and Applied Microbiology, 2023
- Naik, B.S.S.S., Vijay, K., Rizwanuddin, S., ...Mishra, S., Rustagi, S. Genomics, Proteomics, and Metabolomics Approaches to Improve Abiotic Stress Tolerance in Tomato Plant. International Journal of Molecular Sciences, 2023
- Kumari, S., Dwivedi, S., Khan, E.A.R., ...Dhasmana, A., Malik, S. The Challenges of Wastewater and Wastewater Management. Advanced and Innovative Approaches of Environmental Biotechnology in Industrial Wastewater Treatment, 2023
- Patel, N., Dhasmana, A., Kumari, S., ...Nayanam, S., Malik, S. Nanofiltration Applications for Potable Water, Treatment, and Reuse. Advanced and Innovative Approaches of Environmental Biotechnology in Industrial Wastewater Treatment, 2023
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- Bhatt, P., Bhandari, G., Bhatt, K., Simsek, H. Microalgae-based removal of pollutants from wastewaters: Occurrence, toxicity and circular economy. Chemosphere, 2022
- Bhatt, P., Bhandari, G., Turco, R.F., ...Bhatt, K., Simsek, H. Algae in wastewater treatment, mechanism, and application of biomass for production of value-added product. Environmental Pollution, 2022



- Rajput, V., Jaiswal, K.K., Dhatwalia, V.K., ...Kumar, S.K., Verma, M. Microalgae: A promising tool for pesticide mitigation in wastewater. Pesticides Bioremediation, 2022
- Gangola, S., Bhatt, P., Alagarasan, J.K., ...Bhatt, K., Rene, E.R. Biotechnological tools to elucidate the mechanism of pesticide degradation in the environment. Chemosphere, 2022

Patents and Innovations

The University actively advances SDG 6 (Clean Water and Sanitation) by fostering innovation and patentable technologies that translate research into practical solutions. Faculty and researchers focus on developing cutting-edge systems and sustainable technologies to address water and sanitation challenges, with an emphasis on long-term community impact and environmental sustainability.

“Integrated Intelligent Rainwater Harvesting and Storage System Based on IOT For Converting It to Purified Water” by Suman, Shruti Saurabh, Kumar; Bahadur Saini, Dilip Kumar Jang; Aggarwal, Nikhil; Shrivastava, Amit; Rakesh, Shanu Kuttan; Sonekar, Shrikant V.; Haridas, Sanjay Laxmikant; Subramanyam, M Madhusudhana and Vaishnav, Satish R. (**Australian Patent with Application Number 2021105390**) [Click here](#)

4. Rural Development Institute (RDI) Initiatives

Since 1998, the Rural Development Institute (RDI) of Himalayan Institute Hospital Trust (HIHT) has been working with the vision of enabling sustainable water, sanitation, and hygiene (WATSAN) activities. The objective is to deliver long-term health and hygiene benefits through improved WATSAN services, thereby enhancing the quality of life in rural communities. To date, the institute has reached over 550 villages.

All projects are designed on a demand-responsive, need-based, and community-driven approach, ensuring the active participation of Gram Panchayats, user committees, and community members in planning, designing, implementing, and managing their own schemes.

During the year, RDI-HIHT undertook the following **WATSAN projects**:



Key Resource Centre (KRC)

The Ministry of Jal Shakti, Government of India has empanelled HIHT as a Key (Knowledge) Resource Centre (KRC) for the Jal Jeevan Mission till 2024. As a KRC, the institute is mandated to strengthen the capacity building and training of stakeholders at Level 2 (Mid Management) and Level 3 (Community).

The KRC plays a pivotal role in the water supply sector by:

- Conducting structured training and capacity-building programs for officials, functionaries, and community representatives.
- Disseminating updated knowledge, information, and guidelines related to water supply and management.
- Developing high-quality training content and modules.
- Documenting and sharing best practices and success stories for wider replication.

Through these initiatives, the KRC contributes to building skilled human resources, strengthening community engagement, and ensuring the sustainability of water supply schemes under **Har Ghar Jal**.

Capacity Building & Training of 11 Batches of Implementation Support Agencies (ISAs)

11 Batches of ISAs were trained by conducting two days capacity building and training program on Jal Jeevan Mission for each around 100 ISAs from June to October 2022 in residential mode under the aegis of State Water Sanitation Mission (Drinking Water & Sanitation Deptt.) Uttarakhand wherein total 436 participants of these ISAs were trained covering all the 13 districts of Uttarakhand.



Major objective of the training program was to inform and sensitize the participants towards the role and responsibilities of ISA along with to orient them about Jal Jeevan Mission Program in detail elaborating Program objective, its components, major strategies and approaches, importance and implication of participatory planning and community participation and ownership, financial provision and application of institutional framework and broadly and practically to build their capacity on participatory planning, implementation and operation and maintenance (O&M) for Har Ghar Jal for their role as ISA to Mission.

Capacity Building & Residential Training Programs towards JJM

The Jal Jeevan Mission (JJM), envisioned by the Government of India, aims to provide safe and adequate drinking water to all rural households through individual tap connections by 2024. The mission also emphasizes source sustainability measures, including greywater management, water conservation, and rainwater harvesting, as integral components. Equally important are the initiatives on information, education, communication, and stakeholder training, which are critical for long-term sustainability.

To support these objectives, the Ministry of Drinking Water and Sanitation has recognized Key Resource Centres (KRCs) nationwide, with the mandate of conducting capacity-building programs for a wide range of stakeholders.



Participants in SRHU's training programs have consistently appreciated the Institute's role in creating an effective platform for sharing and discussing innovative approaches to address challenges such as behavior change at scale and diversity. These interactive sessions encouraged sharing, learning, adoption, and adaptation of best practices, which participants acknowledged as vital to accelerating progress towards a clean and water-secure rural India by 2024.



Details of the training programs conducted are being summarized as below:

Capacity Building & Training of Four Batches of mid-level Management Public Health Engineering Departments (PHEDs) Officials (Level 2)

Four training programs were conducted on issues, challenges and solutions in spring-based water supply systems, change management (role as public health engineers) and activities for Har Ghar Jal and WASH services during disaster and emergencies from Aug 2022 to January 2023 under the aegis of National Jal Jeevan Mission (Ministry of Jal Shakti).

The major objective of the program was to convey the attention of Public Health Engineers on the cross-cutting issues of rural water supply schemes and changing the mindset as per bottom-up approach and integrating participatory measures in their working process and water resource management in the country. The trainees were also sensitized on efficient water resource management in disaster and emergency situations.



SN	Title of Training	State	No. of participants	Profile of Participant
1.	Issues, Challenges and Solutions in Spring based Water Supply Systems	J& K, Himachal Pradesh, Manipur, Uttarakhand	27	Mid-level Public Health Engineers
2.		Himachal Pradesh, Assam, Sikkim, Kerala, Uttarakhand	25	
3.	Change Management (Role as Public Health Engineers) and Activities for Har Ghar Jal'	Uttarakhand	56	
4.	Training on WASH Services during Disaster and Emergencies'	Jammu & Kashmir, Himachal Pradesh, Rajasthan and Uttarakhand	26	
		Total	134	

Training Programs in Jammu & Kashmir and Sikkim

As part of its mandate as a Key Resource Centre (KRC) under the National Jal Jeevan Mission, HIHT conducted impactful training programs in Jammu & Kashmir and Sikkim, supported by the Department of Drinking Water & Sanitation, Ministry of Jal Shakti, Government of India.

Jammu & Kashmir (Kupwara and Rajouri Districts):

Four-day training programs were organized to orient and build the capacity of PRI functionaries (Sarpanches, ward members), Village Water & Sanitation Committees (VWSCs), members of water surveillance and monitoring committees, and community volunteers from water, sanitation, and health sectors. A total of 165 participants were trained — 69 in Kupwara and 96 in Rajouri — to strengthen their roles in water management and community participation.



Sikkim:

At the Sikkim State Cooperative Union (SICUN), Gangtok, two specialized training programs were conducted:

- A 2-day training on WASH services during disasters and emergencies, sensitizing 32 mid-level engineers on rural water supply, resource management, and preparedness for disaster-prone regions.
- A 3-day training on Issues, Challenges, and Solutions in Spring-based Water Supply Systems, with 38 mid-level Public Health Engineers participating.



Through these programs, SRHU/HIHT enhanced local capacities in water governance, disaster preparedness, and sustainable water supply systems, thereby contributing to the objectives of Har Ghar Jal and SDG 6 (Clean Water and Sanitation).

Nyay Panchayat level Trainings on JJM to PRIs & VWSCs/ ASHAs & AWWs in 3 districts of Uttarakhand

KRC-HIHT has been conducting one day Jal Jeevan Mission (JJM) trainings since December 2022 for around 6540 functionaries including members of the Village Water sanitation committee (VWSC) and representatives of the Panchayati raj Institutions at Nyay Panchayat level of 109 Nyay Panchayat of all three districts; Dehradun, Haridwar and Rudraprayag of the State in collaboration with State Water and Sanitation Mission (Department of Drinking Water and Sanitation) Govt. of Uttarakhand.

Till date 26 batches have been conducted for all the three districts and 1518 participants have been trained and oriented towards the JJM program, its components and the need of realizing their important role and community participation.



Rural India Supporting Trust (RIST) Initiatives

Under RIST funding the water supply schemes in Pauri and Haridwar were completed through community- driven approach and their active mobilization. Stakeholders in village including Village Water Sanitation Committee (VWSC) were enabled to take care of operation and maintenance of the scheme.

Schemes at Pauri district

As part of the Jal Jeevan Mission and community-driven water initiatives, several villages were provided with functional household tap connections and improved infrastructure for sustainable water supply. Key achievements include:

- Talla Bhanas: Water supply scheme from spring through gravity and solar pumping completed; private connections provided to 81 households.
- Tasila Malla: Solar pumping water supply scheme completed with private connections for 29 households; spring-based scheme under implementation.
- Malethi Malli and Talli: Distribution pipeline and private connections completed for 51 households through a spring-based gravity scheme.
- Kota Talla: Distribution pipeline and private connections completed for 68 households under a spring-based gravity scheme.
- Toli Village: Solar pumping water supply scheme from spring through gravity completed, including construction of 14 Rain Water Harvesting Tanks (RWHTs) for 34 households.
- Moli Village: 6 RWHTs facilitated for 34 households.



- Jasvawala (Bahadarabad block, Haridwar district): Construction of an Overhead Tank (OHT) with 175 KL capacity completed to strengthen village water supply.
- Around 500 private connection distributions are completed wherein functional taps were installed in individual household including school, Panchayat Ghar and other alike community utilities of the village.





These projects demonstrate the University's commitment to improving access to safe drinking water, adopting a mix of spring-based, gravity flow, and solar-powered schemes, while integrating rainwater harvesting and storage solutions for long-term sustainability.

Construction of Spring-shed management interventions

Various Spring-shed management interventions have been undertaken to augment and recharge water sources. These interventions include plantation/check dams/recharge pits/soil & water conservation structures, which have been constructed to protect the streams/springs and ensuring required flow in source. Village-wise status is as follows:

S.N.	Village	Work done
1.	Toli	PI-300, PP-200, GCD-18, CT-300
2.	Moli	PI-200, PP-50, GCD-2, CT-100,
3.	Kota Talla	PP-100, GCD-30, CT-300
4.	Malethi Malli & Talli	PP-200, LBCD-122, CT-1000
5.	Tashila Malla	PP-300, CT-500
6.	Talla Banash	GCD-10
PI: Plantation, PP: Percolation Pit, GCD: Gabian Checkdam, CT: Contour Trench, LBCD: Loose boulder check dam, GP: Gully Plug, DRP: Deep recharge pit		

Implementation of Sanitation (Individual & Community) Facility

This activity aimed to cover all the rural families to make village Open Defecation Free, accordingly implementation towards individual and community toilets have been done to make village open defecation free. A duly completed household sanitary latrine comprised of a toilet unit including a super structure has been facilitated. Following work has been implemented in villages:

SN	Village	Target Toilet	Final Status
1	Toli	5 Individual, 2 Community	3 Individual & 1 Community Completed



2	Moli	6	5 Completed
3	Kota Talla	9	8 Completed
4	Dhandoli	3	2 Completed
5	Malethi Malli & Talli	8	8 Completed
6	Talla Banash	14	All by Govt.
7	Jasuavawala	64	29

Sanitation and Hygiene Program in Odisha

Since 2019, the Rural Development Institute (RDI) has supported Gurukul Navprabhat Vedic Vidyapeeth, Odisha in strengthening its sanitation programmes through capacity-building and outreach activities:

- **Training at RDI:** Four staff members attended a 3-day programme on **sanitation, hygiene, menstrual health management (MHM), and rural development.**
- **Field Activities:** RDI teams conducted sessions on **community mobilization, water conservation, sanitation, hygiene, environmental awareness, and behavior change** in the Gurukul and its outreach areas.
- **Resource Support:** Distribution of **Saafkins, booklets (*Pani ki Kahani*), and sports items** to promote awareness and participation.

These efforts enhanced sanitation awareness and sustainable hygiene practices within the Gurukul and surrounding communities.





**SUSTAINABLE
DEVELOPMENT GOALS**

SUSTAINABLE DEVELOPMENT GOALS



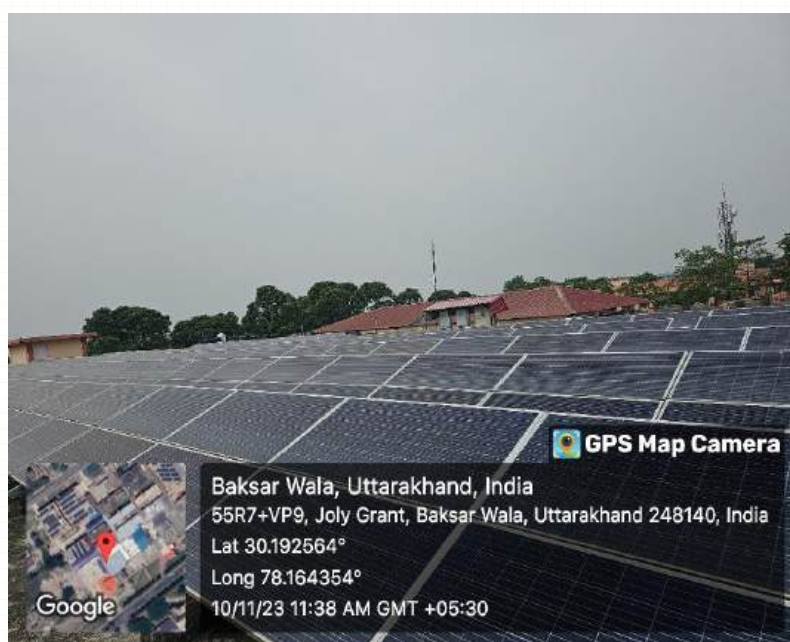
**AFFORDABLE &
CLEAN ENERGY**

srhu.edu.in



1. Renewable Energy Integration

Solar Power Systems: Swami Rama Himalayan University actively promotes solar energy systems as part of its commitment to SDG-7. By harnessing solar power, the university reduces its carbon footprint, ensures sustainable energy use, and supports the transition to clean energy. This initiative contributes to environmental sustainability and provides a model for renewable energy adoption. In the face of climate change and the increasing global concern for sustainable energy sources, the University is taking the lead in adopting eco-friendly practices. One remarkable initiative in this direction is the installation of two rooftop solar power plants (**1500 KW**) at the Swami Rama Himalayan University campus in the year 2017. The university has a power purchase agreement with the ReNew Solar Power Ltd to provide electricity at a subsidized rate. SRHU plans to expand its renewable energy initiatives by another 1000 KW. The agreement has been signed with M/S Bakshi Engineering Works Dehradun for the Rooftop solar power plant. [For more info](#)



Solar panels on roof of Himalayan College of Nursing

Biogas plant: The University has built a **4 M3/day Biogas** plant on campus that uses cow dung from its dairy and vegetable waste from the guest house kitchen to produce biogas. This initiative supports national energy-saving efforts by saving **55.2 kgs of LPG monthly (662.4 kgs annually)**. The biogas produced is used for cooking in the guest house kitchen, promoting sustainability through organic waste recycling. [For more info](#)

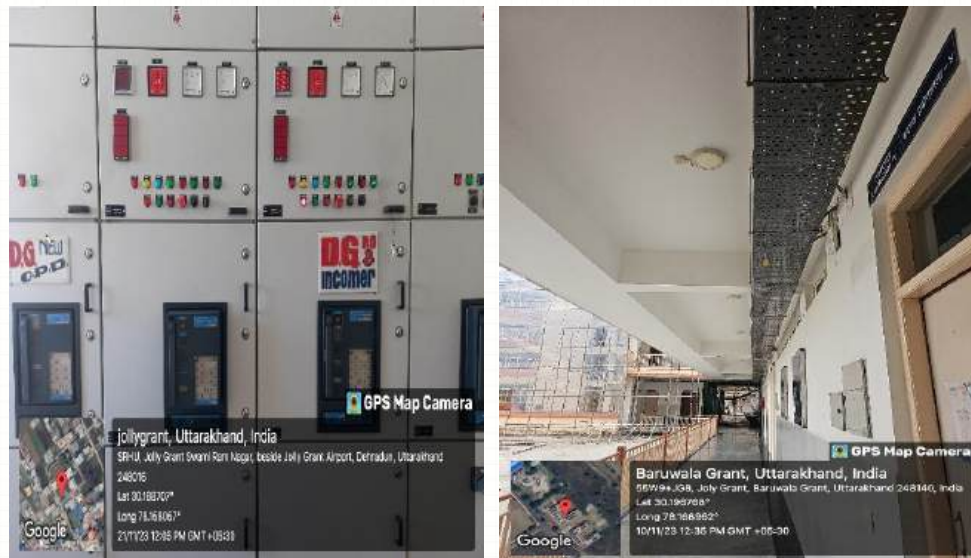


Biogas Plant near University Guest House

2. Energy Efficiency Measures

Use of LED bulbs/power-efficient equipment: : SRHU has adopted LED lights for sustainable campus lighting, reducing electricity consumption and carbon footprint. LEDs consume up to 80% less electricity, reducing greenhouse gas emissions. The university has also implemented smart lighting solutions using sensors and automated controls to minimize energy waste. Brushless Direct Current (BLDC) fans are also adopted for improved energy efficiency and comfort. BLOC fans consume less electricity and deliver superior airflow, resulting in cost savings and a more sustainable campus operation. Additionally, SRHU has implemented BEE star-rated air conditioners, promoting energy efficiency, cost savings, and improved indoor comfort. Lower electricity bills can be redirected towards sustainability initiatives or academic programs. [For more info](#)

Sensor-Based Energy Conservation: SRHU is keenly focusing on effective energy conservation within the university campus. A few locations in the university campus have passive infrared (PIR) sensors installed, to measure the light (IR) emitted by things within their range of view. [For more info](#)



Diesel Generator with AMF and load balancing and motion-based sensor lights at HSST Building

3. Sustainable Infrastructure

Green Practices at Swami Rama Himalayan University: At our university, sustainability is woven into the fabric of our operations. We are dedicated to implementing robust green practices that encompass energy efficiency, waste reduction, and community engagement. By fostering a culture of environmental stewardship, we strive to create a campus that not only supports academic excellence but also prioritizes the well-being of our planet for current and future generations.

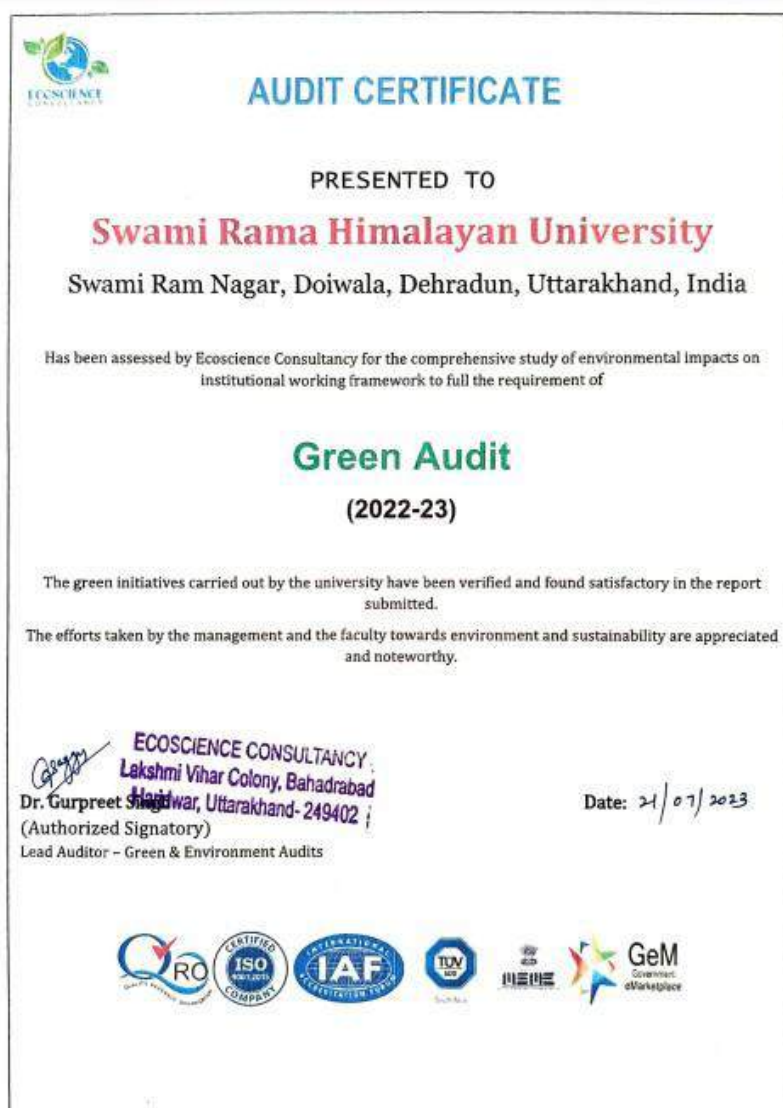
[Video of SRHU Campus](#)

Some of the practices for fostering a green campus are:

1	Restricted entry of automobiles	For more info
2.	Battery-powered vehicles	For more info



3.	Pedestrian-friendly pathways	For more info
4.	Ban on use of Plastics	For more info
5.	Landscaping with trees and plants	For more info



Green Audit certification presented to SRHU for 2022-23



SRHU bagged another laurel to its credit in terms of green and sustainable practices and campus



उपलब्धि | सीआईआई की ओर से ग्रीन प्रैक्टिसेस अवार्ड की सर्विस कैटेगरी में एसआरएचयू को मिला अवार्ड

एसआरएचयू को मिला सीआईआई गोल्ड अवार्ड

डोईवाला, संवाददाता। स्वामीराम हिमालयन विश्वविद्यालय जौलीग्रॉन्ट ने भारतीय उद्योग परिषद की ओर से आयोजित कार्यक्रम में 'ग्रीन प्रैक्टिसेस अवार्ड' की सर्विस कैटेगरी में गोल्ड अवार्ड जीता है।

गुरुग्राम में हुए कार्यक्रम में एसआरएचयू का यह अवार्ड मिला। कुलाधिपति डॉ. विजय धर्माना ने गोल्ड अवार्ड को विवि की बड़ी उपलब्धि बताया। कहा कि इस कैटेगरी में यह अवार्ड हासिल करने वाला विवि उत्तर भारत का एकमात्र संस्थान है।

शिक्षा, स्वास्थ्य और सामाजिक विकास के क्षेत्र में आयाम स्थापित कर चुका एसआरएचयू हरित

वेस्ट पेपर रिसाइक्लिंग यूनिट

कुलाधिपति डॉ. विजय धर्माना ने कहा कि बिना पेड़ काटे अगर कागज व बाकी स्टेशनरी की मांग पूरी हो जाए, तो इससे बेहतर और कुछ नहीं हो सकता। विवि में पेपरलेस कार्य प्रणाली को अपनाया गया है, लेकिन इसके बावजूद कई ऐसे काम हैं, जिनमें कागज का इस्तेमाल अनिवार्य हो जाता है। इसलिए विश्वविद्यालय में यूज्ड पेपर (रद्दी) को रिसाइकिल करने का प्लांट लगाया गया है। भविष्य में इलेक्ट्रॉनिक कचरे की समस्या दुनियाभर के लिए बड़ी समस्या बनती जा रही है। एसआरएचयू परिसर में ई-वेस्ट स्टोर बनाया गया है।

गतिविधियों, ऊर्जा संरक्षण, जल संरक्षण, पर्यावरण संरक्षण के क्षेत्र में भी एक मॉडल विश्वविद्यालय के रूप में संस्थापित हो चुका है। करीब 200 एकड़ के हरे-भरे विवि कैंपस में जल और ऊर्जा संरक्षण सहित सभी प्रकारों के कूड़ा निस्तारण जैसे

प्लास्टिक व ई-वेस्ट इत्यादि हेतु विभिन्न योजनाएं संचालित हैं। विवि में समय-समय पर वृहद पौधरोपण अभियान भी संचालित किया जाता है। कुलाधिपति डॉ. विजय धर्माना ने बताया कि सिंगल लेआउट प्लास्टिक के रिसाइक्लिंग की तरफ कदम

ऊर्जा संरक्षण पर भी जोर

कुलाधिपति डॉ. विजय धर्माना ने बताया कि ऊर्जा संरक्षण के महत्व को समझते हुए वर्ष 2007 में पहला कदम बढ़ाया था। तब हिमालयन हॉस्पिटल, कैसर रिसर्च इंस्टीट्यूट सहित सभी हॉस्टल में सोलर वाटर हीटर पैनल लगाए गए थे।

बढ़ाते हुए एसआरएचयू में प्लास्टिक बैक बनाया गया है। सिंगल लेआउट प्लास्टिक के इस्तेमाल पर रोक के लिए विवि में पहले से ही अभियान चलाया जा रहा है। आधिकारिक कार्यों के लिए इलेक्ट्रिक वाहनों का संचालन शुरू किया गया है।

SRHU conferred gold award by CII for its green practices promoting environmental sustainability



Liquid waste management: The sewage from the campus, including the hospital, undergoes treatment through an advanced Sewage Treatment Plant (STP) with a capacity of 1 MLD employing MBBR technology and extended aeration-activated sludge process. The treated water meets quality standards set by the state pollution control board and is used for irrigation in parks and green areas on campus, ensuring environmental compliance and sustainability.

S.No.	Name of the policy	Link to the relevant document
1.	Policy for General Waste Management	For more info
2.	Policy for Bio-medical Waste Management	For more info
3.	E-Waste Management Policies	For more info



Sewage Treatment Plant with capacity of 1MLD

Wastewater treatment: ETP: The University has prioritized sustainability with the establishment of a 90 KLD Effluent Treatment Plant (ETP) on campus. This plant addresses the significant daily wastewater generated from various campus activities, including laboratories and laundry. By treating this wastewater, SRHU mitigates environmental risks and ensures public health and campus aesthetics are maintained. The treated water is efficiently recycled for non-potable uses such as irrigation, conserving valuable freshwater resources and supporting SRHU's commitment to environmental stewardship.



Effluent Treatment Plant (Capacity: 90 KLD)

Conservation of water (Rain Water Harvesting): Rainwater from the medical college building's roof is collected and stored in a 150 KL underground tank. This water is used for toilets in the medical and nursing colleges, as well as for cleaning purposes. Excess rainwater from the campus is directed to infiltration wells across fourteen locations, allowing it to recharge underground aquifers. This sustainable practice supports groundwater management and conservation efforts on campus.



Rain harvesting with Recharge borewell MBBS hostel chowk

Recycling and waste management: SRHU operates an 8 kg per day waste paper recycling plant on campus to manage paper waste from various offices and schools. Recycled handmade



paper is used to create envelopes used within university offices. Additionally, biodegradable waste collected across the campus is processed in a compost pit to produce organic fertilizer for the university nursery and gardens. Furthermore, SRHU operates its own Bio-Gas plant near the university guest house, utilizing cow dung from the campus dairy and vegetable waste from the guest house kitchen to produce biogas for cooking and organic waste recycling purposes.



Media coverage of installation Waste paper recycle Unit by SRHU



Biogas Plant at SRHU campus near University guest house

Solid Waste Management: 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 waste from residence and hostels



Color coded bins for segregation of waste



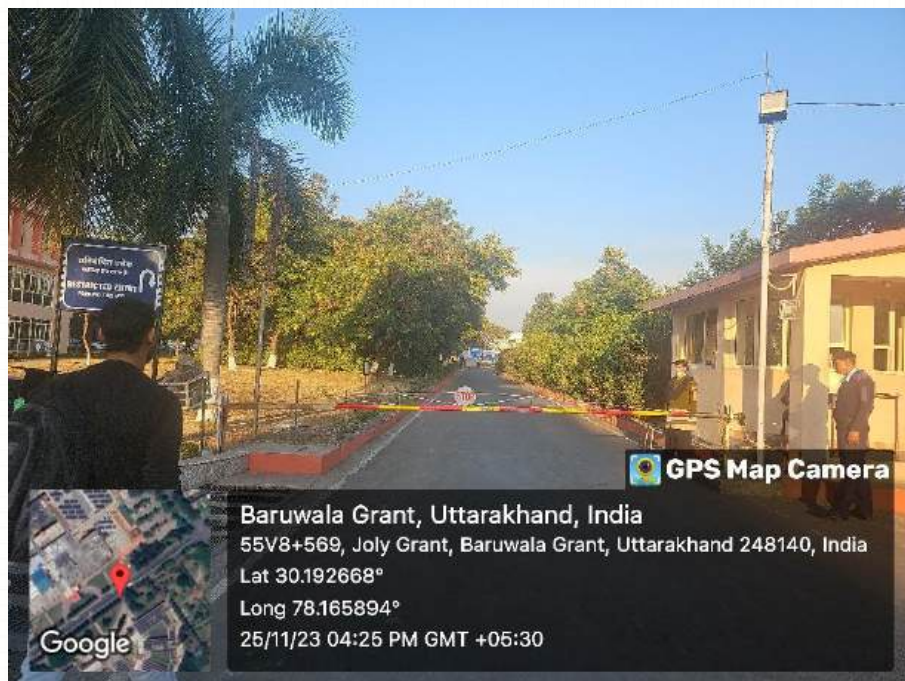
Compost pit located at SRHU campus for disposal of biodegradable waste

Vehicles that do not emit gases: Battery powered vehicles are readily available in the campus which help in house transportation catering to needs of both students and faculty members. This initiative promotes cleaner environment while promoting sustainability and greener future.



Media coverage of Inauguration of electric vehicles in the campus with daily capacity of each vehicle 100km/day

Restricted entry of automobiles: There is restriction on the entry of vehicles in the campus to reduce air & noise pollution within the campus aligning with sustainable development.



Signages depicting restricted entry to reduce air and sound pollution across the University campus



Regular audits are carried out in the University:

a. Environmental Audit (Certificate)





Swami Rama Himalayan University

NAAC A+

b. Green Audit (Certificate)



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
(2022-23)

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, Bahadrapur
Haridwar, Uttarakhand- 249402

Dr. Gurpreet Singh
(Authorized Signatory)
Lead Auditor – Green & Environment Audits

Date: 21/07/2023





c. Energy Audit (Certificate)





There is **ban on single use plastic** in the University. The University promotes environmental consciousness amongst its student's staff and faculties by displaying signages at various key and strategic locations to promote cleaner and green environment.



Signages promoting environmental awareness through ban on single use plastics

Landscaping with trees and plants: The University is adorned by various native species of trees, shrubs and herbs which not only adds up to the aesthetics of the campus but also supports a diverse variety of fauna creating an environment with harmonizes development with mother nature.



Aerial view of trees planted at SRHU



Landscape between Medical College and Himalayan Hospital



Gazebo at park area near Swami Rama Centre Trees

4. Energy Awareness and Education

Swami Rama Himalayan University has conducted various environmental promotional activities. List of beyond the campus environmental promotion activities of Swami Rama Himalayan University



SN	Activities	Date & Duration
1	Training on ODF Sustainability, Solid & Liquid Resource Management and Behavioural Change	2 - 4 /07/2018
2	Implementation of water Supply, spring shed and Sanitation Schemes	10/2019 – 12/ 2022 (3 Years)
3	Implementation of water Supply, spring shed and Sanitation Schemes	10/2019 – 12/ 2022 (3 Years)
4	Implementation of water Supply, spring shed and Sanitation Schemes	10/2019 – 12/ 2022 (3 Years)
5	Implementation of water Supply, spring shed and Sanitation Schemes	10/2019 – 12/ 2022 (3 Years)
6	Implementation of water Supply, spring shed and Sanitation Schemes	10/2019 – 12/ 2022 (3 Years)
7	Implementation of water Supply, spring shed and Sanitation Schemes	10/2019 – 12/ 2022 (3 Years)
8	Implementation of water Supply, spring shed and Sanitation Schemes	10/2019 – 12/ 2022 (3 Years)
9	Implementation of water Supply, spring shed and Sanitation Schemes	10/2019 – 12/ 2022 (3 Years)
10	Preparation of Village Action Plan (VAP) and Formation of Village Water & Sanitation Committee (VWSC)	5/ 2020
11	Training on Participatory Planning, Implementation and Operation & Maintenance for Har Ghar Jal	4-8/10/2021
12	Training on Innovative Technologies for Har Ghar Jal	7-11/12/2021
13	Online Training Program on Long- term Sustainability, Security, Recharge and	15-16/12/2021



	Management of Drinking Water Sources ⁵	
14	Online Training Program on Rainwater Harvesting & Ground Water Recharge	21-22/12/2021
15	3 days Training program on key components of Jal Jeevan Mission (JJM)	27-29/12/2021
16	Online Training Program on Grey Water Management	27-28/01/2022
17	Training on Jal Jeevan Mission for Har Ghar Jal	24-27/02/2022
18	Online Training Program on Innovative Technology	8-9/03/2022
19	3 days training and Capacity Building on Jal Jeevan Mission for Har Ghar Jal	5-7/04/2022
20	2 days Training Capacity Building of Implementation Support Agencies (ISAs) under Jal Jeevan Mission	13-14/06/2022
21	Training on Issues, Challenges and Solutions in Spring based Water Supply Systems	30/8-1/9/2022
22	2 days Training & Capacity Building of Implementation Support Agencies (ISAs) under Jal Jeevan Mission	12-13/10/2022
23	One day training program on Jal Jeevan Mission (JJM) at Nyay Panchayat Level	8/12/2022
24	2 days training & Capacity Building on Change Management (Role as Public Health Engineers) And Activities for Har Ghar Jal	20-21/12/2022
25	Training on WASH Services during Disaster and Emergencies	27-28/01/2023
26	One day training program on Jal Jeevan Mission (JJM) at Nyay Panchayat Level Date: 05 May 2023	5/5/2023
27	One day training program on Jal Jeevan Mission (JJM) at Nyay Panchayat Level Date: 06 May 2023	6/5/2023



28	One day training program on Jal Jeevan Mission (JJM) at Nyay Panchayat Level	25/5/2023
29	Training on Direct injection of treated rainwater in aquifer recharge, revival of springs & spring shed management, spring-based water system and innovative technologies for mountainous area	21-23-06/2023
30	Training on Issues, Operation and Maintenance (O&M) of water supply systems, Utility approach & tariff collection mechanism	26-28/06/2023
31	Swachhta Pakhwada	23/01/2020
32	Plantation Drive at Gauhari Mafi Village, Raiwala, Dehradun	20/09/2023

[For more info](#)



SUSTAINABLE DEVELOPMENT GOALS



DECENT WORK AND ECONOMIC GROWTH



1 Community Engagement: Empowering Underprivileged and Marginalized Communities

Swami Rama Himalayan University (SRHU) is dedicated to uplifting underprivileged and marginalized communities by addressing critical challenges in health, water and sanitation, education, livelihood, relief, and rehabilitation. Guided by the vision of social upliftment and knowledge dissemination, the University collaborates with its sister institution, the Rural Development Institute (RDI), to implement impactful programs. These initiatives span 28 states, covering 800 villages and benefiting over 65,000 adolescents, 60,000 women, and 9,000 children, exemplifying SRHU's commitment to sustainable and inclusive development.

Category	Key Interventions	Outcomes
Health Initiatives	- Trained 12,000 ASHAs - Implemented MCH interventions - QFPS via mobile app - RKSK training in 31 states/UTs - Conducted health camps	- Institutional deliveries increased (63% to 80%) 4+ antenatal check-ups increased (24% to 49%) - Vaccination rates improved (69% to 94%), 90,000+ people benefited via PHP/telemedicine.
Water & Sanitation	- Collaborated with stakeholders under Jal Jeevan Mission - Built 3,100+ toilets - Constructed rainwater harvesting tanks - Developed springshed areas	- Potable water provided to 185 villages - Water availability >55 LPCD - Hygiene practices improved (15% to 90%) - Reduced waterborne diseases - Villages transformed through better sanitation
Education Initiatives	- Set up 40+ libraries, established 5 literacy centers - Organized vocational workshops - Provided teacher training - Distributed digital devices during COVID-19.	- Enhanced access to education - Hundreds of students received scholarships



		Digital learning enabled during the pandemic
Livelihood & Skills Development	- Promoted organic farming - Facilitated plantation of 12.5 lakh aromatic plants - Produced cash crops (lemongrass, turmeric, ginger) - Trained farmers in orchard development	5,000+ farmers benefited - Sustainable income generation - Migration reduced in hill villages - Empowered farmers with market access.
Relief & Rehabilitation	- Trained frontline workers during COVID-19, established testing facilities - Conducted 30,000+ screenings - Distributed food/hygiene kits, provided disaster relief to affected individuals	10,000+ individuals supported during disasters - Resilience strengthened - Increased access to healthcare and social services.

2. Supporting Research and Innovation: SRHU's Seed Money Initiative

Swami Rama Himalayan University (SRHU) is deeply committed to advancing research and fostering innovation through its comprehensive seed funding initiative. By providing financial support to faculty members, the University enables ground breaking research and development, creating a robust academic ecosystem that encourages curiosity, creativity, and impactful outcomes.

Empowering Research Excellence

The seed money program is designed to empower faculty members to explore novel ideas and address pressing societal challenges. With this initiative, SRHU bridges the gap between conceptualization and execution, enabling researchers to take their ideas from inception to



impactful results.

Faculty members utilize this funding to:

- Undertake exploratory and high-risk research.
- Develop pilot projects that serve as precursors to larger grant applications.
- Create prototypes, collect preliminary data, and validate hypotheses.

Objectives of the Seed Money Program

- **Encouraging Innovation:** Provide financial assistance to faculty members to develop innovative solutions to societal, scientific, and technological challenges.
- **Building Research Capacity:** Equip faculty with resources to pursue cutting-edge research and establish SRHU as a hub of academic excellence.
- **Promoting Collaboration:** Foster interdisciplinary research among departments and external collaborators, enhancing the scope and impact of projects.
- **Strengthening Knowledge Application:** Support the translation of academic research into practical applications that benefit society.

Highlights of Seed Money Utilization

- **Cutting-Edge Research:** Projects funded under this initiative span diverse fields, including health sciences, environmental sustainability, technology innovation, and social impact studies.
- **Infrastructure Development:** Faculty members leverage seed money to acquire essential resources, such as equipment and software, required for their research.
- **Student Involvement:** Many funded projects involve students, providing them with mentorship and hands-on experience, which enhances their academic and professional growth.



Impact on the Academic and Broader Community

- **Enhancing Academic Reputation:** Research funded through seed money has resulted in high-impact publications, patents, and conference presentations, positioning SRHU as a leader in academic excellence.
- **Societal Contributions:** Faculty projects have led to innovative solutions for healthcare challenges, sustainable practices, and technological advancements, directly benefiting communities.
- **Capacity Building:** The program builds a pipeline of research that attracts external funding, partnerships, and collaborations with global institutions.
- **Cultivating Innovation Among Students:** By engaging students in research, the program instills critical thinking and problem-solving skills, preparing them for successful careers.

[Link for Policy](#)

[List of teachers receiving seed money and details](#)

3. Employee Benefits

Welfare schemes aim to create an efficient, healthy, loyal workforce for the organization, based on the principles of social responsibility, democratic values, fair wages, shared responsibility, and universality of welfare.

All employees are entitled to following leaves:

- Privileged Leave (even with provision for half day)
- Special Leave for academic purposes
 - Paid Maternity Leave [Link for Beneficiaries](#)
 - Medical Leave
 - Extraordinary
 - Leave with pay
 - Study Leave
 - Official Duty Leave, etc
- [Link for Policy](#)



Health Benefit Policy: SRHU ensures the well-being of its workforce by providing comprehensive free health benefits to all employees and their dependents. This initiative reflects the university's commitment to fostering a supportive and inclusive workplace. Employees and their families have access to high-quality healthcare services, which not only alleviates the financial burden of medical expenses but also promotes a healthier and more productive workforce. By prioritizing the health and well-being of its staff, SRHU creates an environment where individuals can focus on their professional responsibilities without the stress of healthcare concerns, reinforcing its dedication to employee welfare and overall satisfaction.

[Link for Policy](#) [Link for Beneficiaries](#)

Disbursement Of Ex- Gratia Amount: SRHU demonstrates its commitment to employee welfare and family support through its ex gratia policy for the families of permanent employees who pass away while on duty. In such unfortunate circumstances, the bereaved family is eligible to receive a one-time ex gratia payment equivalent to six times the basic pay of the deceased employee. This policy provides crucial financial assistance during a challenging time, ensuring that the family has immediate support to address their needs. It reflects the university's dedication to standing by its employees and their loved ones, even in the most difficult moments

[Link for Policy](#)

Professional Indemnity Policy for Medical Practitioners: SRHU ensures the professional security of its medical practitioners through a comprehensive policy that provides financial safeguards in the event of legal disputes. This policy is designed to protect doctors against the financial burden of legal costs and claims made by patients, allowing them to focus on providing quality healthcare without the constant fear of litigation. By covering expenses related to legal representation, settlements, and associated costs, the policy ensures that medical practitioners are supported throughout the resolution process. This initiative underscores SRHU's commitment to fostering a safe and secure working environment for its healthcare professionals, enabling them to perform their duties with confidence and peace of mind while maintaining the highest standards of medical ethics and care.

[Link for Policy](#)

Residential Accommodation In The Campus By University: Accommodation is provided to employees in the campus with all basic facilities. Residences are classified as A, B, C, D and E based on the amount of bed-rooms in an apartment. Employees who want to avail this facility are required to



apply to the HR department through proper channel. The application is considered by the duly constituted “House Allotment Committee”, which, on the basis of seniority and eligibility takes the decision of allotting the accommodation to the concerned employee.

[Link for Policy](#) [Link for Beneficiaries](#)

Subsidized Transport Facilities For Employees: SRHU supports its staff by providing subsidized transport facilities for those commuting from neighbouring towns to the campus. This initiative not only reduces the financial burden of daily travel but also ensures a convenient and reliable means of transportation for employees. By offering discounted fares, SRHU demonstrates its commitment to employee welfare and work-life balance, making it easier for staff members to focus on their professional responsibilities without the stress of commuting costs. This policy also reflects the university’s dedication to fostering an inclusive and supportive work environment that prioritizes the well-being of its employees.

[Link for Beneficiaries](#) [Link for Beneficiaries](#)

SRHU Employees Welfare Fund: Swami Rama Himalayan University (SRHU) prioritizes the well-being and support of its workforce through the Employees Welfare Fund. This initiative aims to provide financial assistance and support to employees in times of need, promoting a secure and inclusive work environment.

Key Features

- **Financial Assistance:** Emergency loans, grants, and interest-free advances for personal or family needs.
- **Healthcare Support:** Coverage for medical emergencies and critical situations.
- **Educational Aid:** Assistance for employees' children pursuing higher education.
- **Life Event Support:** Aid for significant life events like weddings or family emergencies.
- **Professional Development:** Support for certifications, training, or career enhancement.

[Link for Policy](#)

[Link of Beneficiaries of Welfare Fund](#)



Discount In Tuition Fee: SRHU extends its commitment to employee welfare by offering tuition fee discounts for the wards of its employees. This initiative is designed to support the educational aspirations of employees' families, reducing the financial burden associated with quality education. By providing this benefit, SRHU not only invests in the future of its employees' children but also strengthens its bond with its workforce, fostering loyalty and a sense of belonging. This policy underscores the university's dedication to promoting education and holistic development, ensuring that employees and their families are well-supported in achieving their academic goals.

[Link for Policy](#)

Interest free loans: Interest free loans are given to wards of employees who are studying in the University.

[Case Study 1](#)

[Case Study 2](#)

[Case Study 3](#)

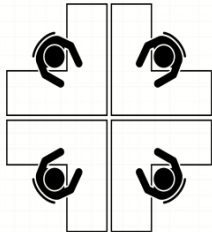
4. The Himalayan Centre for Innovation and Entrepreneurship (HCIE)

The Himalayan Centre for Innovation and Entrepreneurship (HCIE) at the SRHU is designed to support and foster entrepreneurship and innovations among students, faculty, and external entrepreneurs. The HCIE incubator provides a comprehensive mix of resources for emerging entrepreneurs, including mentorship, access to funding, workspace, and networking opportunities. It aims to nurture students and early-stage founders by offering guidance on business development, technology commercialization, product development, and market strategy. The HCIE Startup Incubator also facilitates collaboration with industry experts, connects startups with potential investors, and helps refine business models to ensure sustainable growth and success.

The HCIE empowers individuals to transform their ideas into viable businesses by creating an environment that encourages creativity and experimentation. Regular workshops and seminars are organized to equip entrepreneurs with essential skills and knowledge, while hackathons and innovation challenges provide platforms for testing and validating new concepts.



FACILITIES AT HCIE



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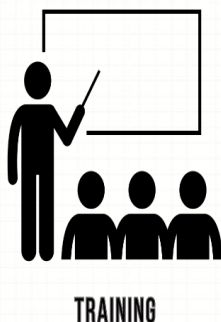


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INCUBATED STARTUPS AT HCIE



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instructors foster a supportive atmosphere for participants to deepen their practice, addressing needs like stress reduction and flexibility enhancement. In addition to regular classes, Mindura Yogwell organizes retreats and special events that promote self-discovery and wellness. By prioritizing well-being, they not only enhance individual health but also nurture a mindful community at SRHU, inspiring positive change and empowering individuals to live healthier, more fulfilling lives.



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The project aspires to set a benchmark for campus food services by integrating health, quality, and community welfare. The Food Project (TFP) aims to establish a connect with local farmers to procure fresh, organic food ingredients and deliver them to the SRHU community. By



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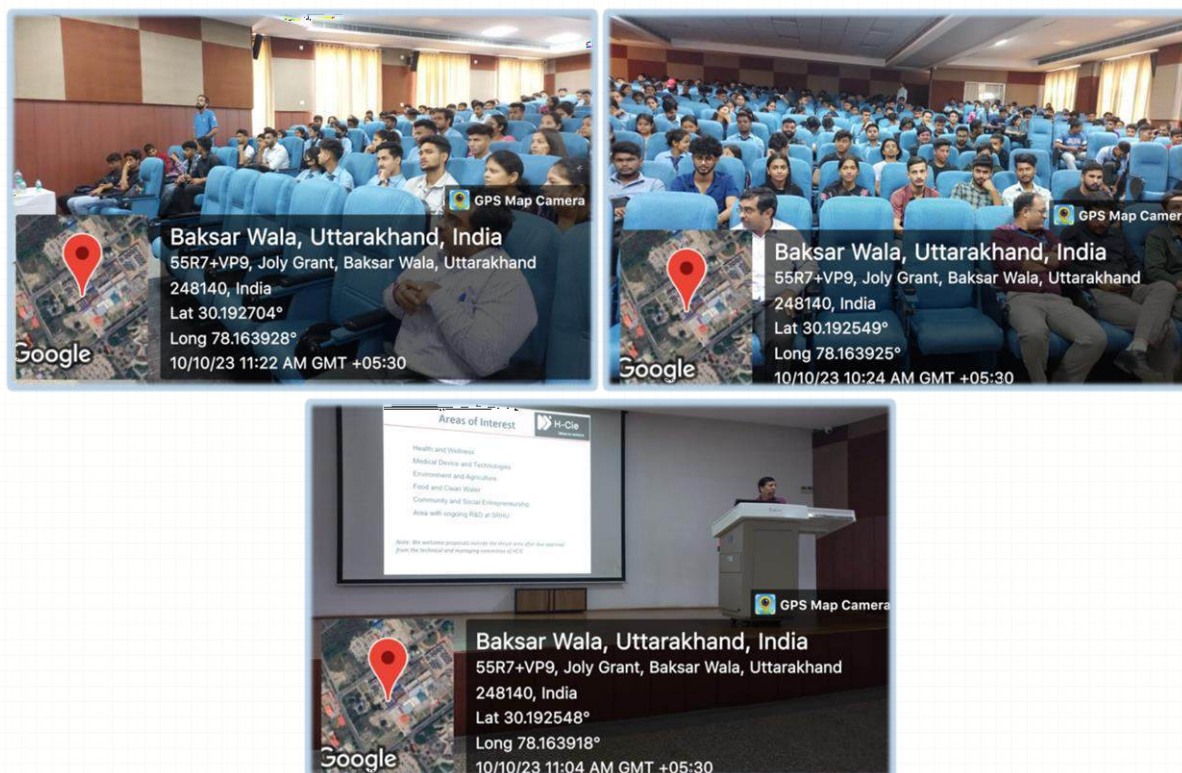


ACTIVITIES

1. The awareness session on Entrepreneurship Opportunities in Management & Technology was duly conducted by Dr. Amjad Husain, Director, HCIE on 10 October 2023 at Aadi Kailash Auditorium for students of **Himalayan School of Science & Technology (HSST) & Himalayan School of Management Sciences (HSMS)**. The session aimed to inspire and educate students about the opportunities in management and technology. Dr. Amjad Husain, known for his engaging style, discussed key trends and innovative business models that young entrepreneurs can utilize. He stressed the importance of critical skills such as creativity and adaptability in



a changing market. Interactive discussions allowed students to engage actively, enhancing their understanding and enthusiasm for entrepreneurship.



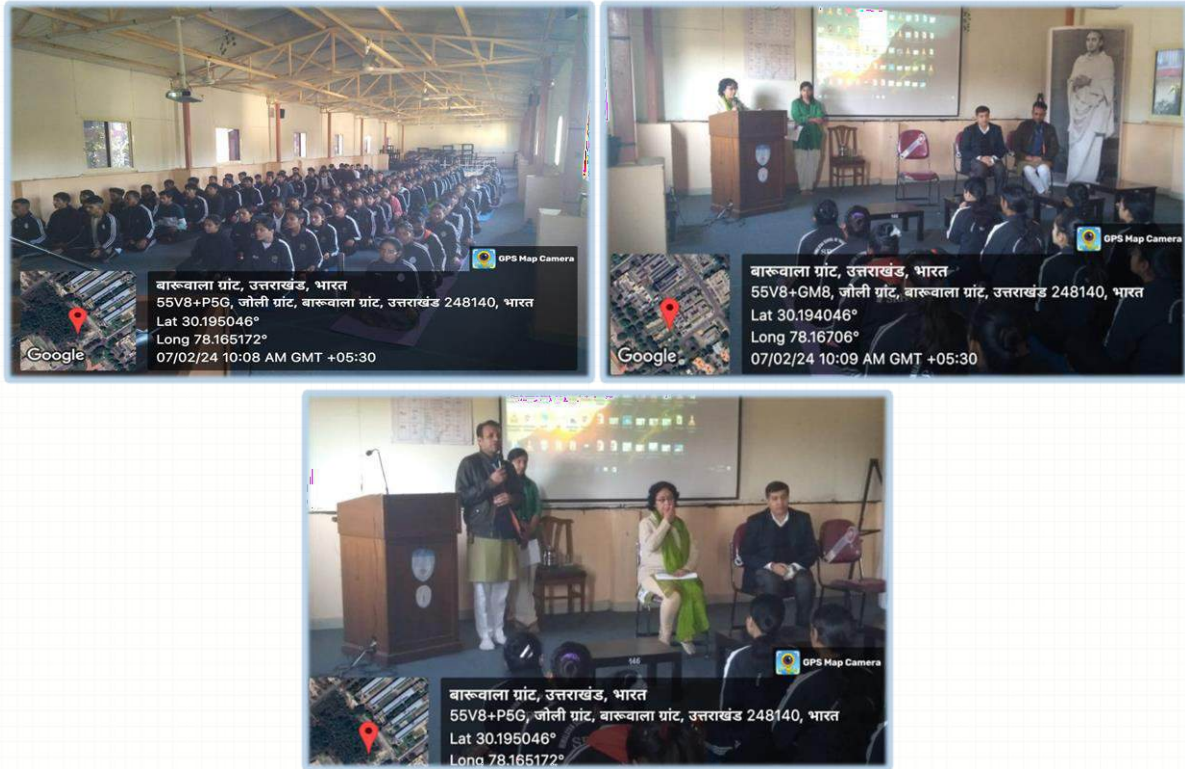
2. The awareness session on Bio Innovations & Entrepreneurship was duly conducted by Dr. Amjad Husain, Director, HCIE on 20 October 2023 at the **Himalayan School of Biosciences (HSBS)**. The session on bio-entrepreneurship drew a diverse audience of students and faculty interested in biotechnology. Dr. Husain's engaging presentation emphasized current trends and the importance of innovation in the field. The interactive Q&A provided valuable insights into launching bio-based startups, helping attendees understand the challenges and opportunities in entrepreneurship. Participants left the session with a deeper appreciation for the role of collaboration in driving success in the biotechnology sector. Overall, it was an inspiring event that encouraged creative thinking and entrepreneurial spirit among future innovators.



3. Dr. Amjad Husain, Director, HCIE, duly conducted the awareness session on entrepreneurship opportunities in nursing and healthcare on 1 February 2024 at the **Himalayan College of Nursing (HCN)**. The session aimed to enlighten students and professionals about the vast possibilities within the healthcare sector. With his extensive experience, Dr. Husain shared valuable insights on how to harness innovation and entrepreneurial skills to address challenges in nursing and healthcare. Attendees were encouraged to explore new pathways and think creatively about solutions that can improve patient care and operational efficiency. The interactive session also included case studies and success stories that inspired participants to envision a future where they can contribute significantly to the industry.



4. The awareness session on Entrepreneurship in Yoga & Wellness: Success Stories & Path Forward was duly conducted by Dr. Amjad Husain, Director, HCIE on 7 February 2024 at the **Himalayan School of Yoga Sciences (HSYS)**. The session inspired participants by showcasing successful ventures in the yoga and wellness industry. Engaging discussions and presentations highlighted the blend of traditional practices with modern business strategies. Dr. Husain stressed the need to combine ancient wisdom with contemporary entrepreneurship to create impactful enterprises. Through case studies, he demonstrated how passion for wellness can lead to thriving businesses that benefit communities. The event concluded with a vibrant Q&A, fostering a sense of community and providing practical tools for attendees to pursue their own journeys in the wellness sector.



5. The Fish Tank event, organized by HSST on May 17, 2024, was a prominent feature of the 'YUVOTSAV' festival, drawing participation from nine teams representing various colleges and universities. Each team adeptly presented their innovative business ideas, reflecting a high level of creativity and entrepreneurial spirit. The standout project, 'YOGALOGY,' which was incubated by HCIE, was awarded the first prize of ₹30,000 for its compelling business concept. This initiative has since transitioned into a full-fledged startup, now known as Mindura Yogwell, highlighting the event's role in fostering entrepreneurial development and innovation among students.





6. The Himalayan Centre for Innovation & Entrepreneurship (HCIE) has organized an Entrepreneurial Artwork Competition for students of the M.Sc. – II semesters (Microbiology & Biotechnology) on 'Bio-innovations & Entrepreneurship' on 21 June 2024. The entrepreneurial artwork session at HCIE for biosciences students engaged participants in creative expression, allowing them to visualize scientific concepts through various artistic mediums. This interactive workshop encouraged innovative thinking and collaboration, fostering an entrepreneurial mindset in the biosciences field.





Swami Rama Himalayan University

NAAC A+



**SUSTAINABLE
DEVELOPMENT GOALS**

SUSTAINABLE DEVELOPMENT GOALS



**INDUSTRY, INNOVATION
AND INFRASTRUCTURE**

srhu.edu.in

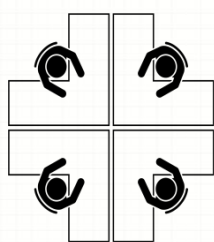


1. Research and Innovation

In order to translate research outcomes into commercial products and benefit society, the University encourages entrepreneurship among internal stakeholders. Activities related to entrepreneurship are supported with incubation from the Himalayan Centre for Innovation and Entrepreneurship (HCIE). The HCIE incubator provides a comprehensive mix of resources for emerging entrepreneurs, including mentorship, access to funding, workspace, and networking opportunities. It aims to nurture students and early-stage founders by offering guidance on business development, technology commercialization, product development, and market strategy. The HCIE Startup Incubator also facilitates collaboration with industry experts, connects startups with potential investors, and helps refine business models to ensure sustainable growth and success.

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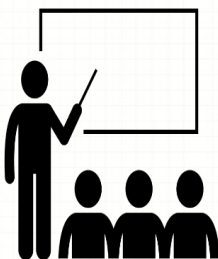
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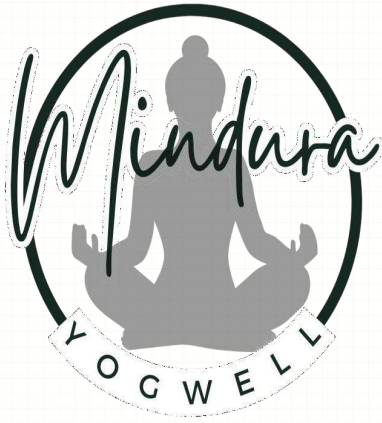


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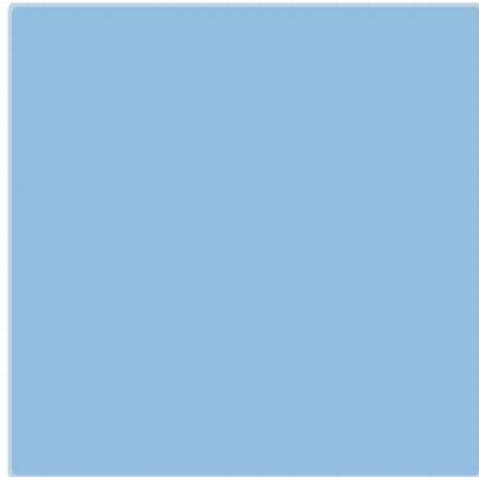


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2. Research Projects on Industrial and Technological Innovation

SRHU fosters a dynamic research ecosystem that emphasizes industrial and technological innovation to address real-world challenges. Through interdisciplinary collaboration and cutting-edge methodologies, the institution empowers its faculty to pursue transformative research. Seed funding provided to researchers supports the development of novel technologies, process



optimization, and sustainable solutions, aligning with the university's mission to drive impactful advancements in industry and society.

Seed Grant for research					
1.	HimGiriNaaz - An innovative, neonatal transporter unit for short duration transport	06 Months	Dr Aisha Naaz, Dr Girish Gupta	0.15	2022-2023
2.	GirAsh- Neonatal Needle Cricothyrotomy Simulator	6 Months	Dr. Girish Gupta , Dr. Astha Panghal	0.15	2022-2023
3.	GirDeep- a Gastric Tube Holder, for neonates being cared under radiant warmers & baby cradles, in low middle income countries	6 Months	Dr. Girish Gupta, Mr. Deepak Sharma, Dr. Chinmay Chetan	0.15	2022-2023
4.	GiriBLS- A Life savior Basic Life Support Ready Reference Pocket Purse sized Card	6 Months	Dr. Girish Gupta	0.15	2022-2023
5.	GiriHari - Resuscitator T-piece resuscitator for use in healthcare services during neonatal short transportation in low middle income countries	6 Months	Dr. Girish Gupta, Dr. Harit Prasad	0.15	2022-2023
6.	GirIndu- An ambient light dimmer, for creating developmentally supportive night milieu for the neonates being cared under radiant warmers & baby cradles in low middle income countries	6 Months	Dr. Girish Gupta, Ms. Indu Negi, Dr. Saikat Patra	0.15	2022-2023
7.	GiriSohi- Suprapubic needle aspiration (SPNA) trainer	12 Months	Dr. Girish Gupta, Dr. Sohini Ghosh, Dr. Saikat Patra,	0.15	2022-2023
8.	GirSohi- a bubble mattress for neonates undergoing undersurface phototherapy for Neonatal Jaundice	9 Months	Dr. Girish Gupta, Dr. Sohini Ghosh, Dr. Saikat Patra	0.15	2022-2023



9.	GirYaPoorv- the Thoracostomy trainer simulator model	9 Months	Dr. Poorva Sharma, Dr. Girish Gupta, Dr. Yasir Ahmad Lone	0.15	2022-2023
10.	HimGiriTal-is an Innovative tool for measuring forehead pulse oximetry using peripherally placed transmittance pulse sensor in newborns in low middle income countries	12 Months	Dr Talha Rehman, Dr. Girish Gupta	0.15	2022-2023
11.	An abdominal collapsible multi-position retractor device with a variable adjustable lockable mechanism	12 Months	Dr. Sunil Saini, Dr. Anshika Arora, Dr. Sourabh Nandi, Dr. Chandra Shekhar Nautiyal	0.35	2022-2023
12.	An apparatus for spreading microbial culture on a petri dish	12 Months	Dr. Vivek Kumar, Mr. Sandeep Kumar, Dr. C.S. Nautiyal	0.476	2022-2023
13.	Diagnostic Rescue of Silent Scalp Swelling by Fine-Needle Aspiration	9 Months	Dr. Smita Chandra, Dr. Anuradha Kusum, Dr. Vipul Nautiyal, Dr. Manveer Kour Raina, Dr. Sushil Kumar Shukla	0.93	2022-2023
14.	Gastric Tube Holder	09 Months	Dr. Girish Gupta Mr. Deepak Sharma Dr. Chinmay Chetan	0.15	2022-2023
15.	Hand drying practices among health care workers: A web based survey	03 Months	Dr. Rakesh Kumar	0	2022-2023
16.	Innate Immune cells quantification by flowmetry as an index of severity in Dengue infection	12 Months	Dr. Yogesh Saxena	4.775	2022-2023
17.	Intraluminal Dosimetry Slab Phantom	12 Months	Mr. Ravi Kant	0.35	2022-2023



18.	Oxygen scavenging petri dish and composition for growing anaerobic microorganisms	9 Months	Dr. Vivek Kumar, Mr. Sandeep Kumar, Dr. C.S. Nautiyal	0.06	2022-2023
19.	Peritoneal dialysis training simulator for neonates	6 Months	Dr. Girish Gupta, Dr. Garima Goyal	0.562	2022-2023
20.	Petri dish for growing microorganisms with a variable lockable mechanism	12 Months	Dr. Vivek Kumar, Mr. Sandeep Kumar, Dr. C.S. Nautiyal	1.45	2022-2023
21.	Test tube rack for enhancing aerobic microbial growth, biomass, and metabolites	12 Months	Dr. Vivek Kumar, Ms. Renu Chaudhary Mr. Sandeep Kumar, Dr. C.S. Nautiyal	0.35	2022-2023
22.	To validate use of transmittance sensor of Peripheral pulse oximeter for forehead pulse oximetry in Newborns	01 Month	Dr. Talha Rehman	0	2022-2023
23.	Vesical Cystotomy Mannequin	6 Months	Dr. Girish Gupta Dr. Sohini Ghosh Dr. Saikat Patra	0.3	2022-2023
24.	Water bottle with digital wallet	06 Months	Dr. Amit Joshi, Dr. Geeta Rana, Ms. Sapna Bist, Ms. Kajal Mahawar	0	2022-2023

Patents and Intellectual Property

SRHU is dedicated to fostering a culture of innovation and creativity, where groundbreaking ideas are transformed into valuable intellectual assets. The institution actively supports its researchers, faculty, and students in securing patents and protecting intellectual property rights, recognizing their pivotal role in driving technological advancements and economic growth. Through strategic initiatives, expert guidance, and funding support, SRHU empowers innovators to safeguard their inventions and contribute to the global knowledge economy, ensuring societal impact and sustainable development.

Industrial Design (2022-2023)					
S.No.	Title of Design	Name of Innovator	Innovator Details	Design No.	Status



1.	Vesical Cystotomy Mannequin	Dr. Girish Gupta Dr. Sohini Ghosh Dr. Saikat Patra	HIMS	380329-001	Click Here

Published Patent (2022-2023)				
S.No.	Title of Patent	Name of Innovator	Patent Number	Status
1.	An apparatus for spreading microbial culture on a petri dish	Dr. Vivek Kumar, Mr. Sandeep Kumar, Dr. C.S. Nautiyal	202211031400	Click Here
2.	Petri dish for growing microorganisms with a variable lockable mechanism	Dr. Vivek Kumar, Mr. Sandeep Kumar, Dr. C.S. Nautiyal	202211036384	Click Here
3.	A Smart System or Non-Invasively Determining Level of Bilirubin, Haemoglobin and Hematocrit in Blood Using Artificial Intelligence	Dr. Nikku Yadav, Dr. Yogesh Saxena, Mr. Dilip Kumar J Saini, Dr. Mansi Kala, Dr. Anita Sharma, Dr. Saurabh Singh, Ms. Nidhi Yadav	202211039179	Click Here
4.	Wearable Mindfulness Enhancing Device For Relieving Stress Induced Anxiety	Dr. Neeraj Gupta	202011056809	Click Here
5.	Oxygen scavenging petri dish and composition for growing anaerobic microorganisms	Dr. Vivek Kumar, Dr. Vijay Kumar, Dr. Renu Chaudhary, Mr. Sandeep Kumar, Dr. C.S. Nautiyal	202211069422	Click Here
6.	Test tube rack for enhancing aerobic microbial growth, biomass, and metabolites	Dr. Vivek Kumar, Ms. Renu Chaudhary Mr. Sandeep Kumar, Dr. C.S. Nautiyal	202311025075	Click Here
7.	Intraluminal Dosimetry Slab Phantom	Mr. Ravi Kant, Dr. Meenu Gupta, Dr. Satish Uniyal, Dr. Vipul Nautiyal, Dr. Jyoti Bisht, Mr. Rishabh Dobhal, Dr. Sunil Saini, Dr. Mushtaq Ahamad	202311025908	Click Here

Published Patent (2023-2024)



S.No.	Title of Patent	Name of Innovator	Patent Number	Status
1.	An abdominal collapsible multi-position retractor device with a variable adjustable lockable mechanism	Dr. Sunil Saini, Dr. Anshika Arora, Dr. Sourabh Nandi, Dr. Chandra Shekhar Nautiyal	202311030701	Click Here
2.	Apparatus For Real-Time Videotaping And Still Image Capturing For Fish Behavioral Patterns	Dr. Vishal Rajput, Dr. Sanjay Gupta, Dr. Chandra Shekhar Nautiyal	202311035397	Click Here
3.	Intravaginal Slab Phantom With Air-Pockets	Dr. Jyoti Bisht, Dr. Satish Uniyal, Dr. Sunil Saini, Dr. Mushtaq Ahmed, Dr. Vipul Nautiyal, Mr. Ravi Kant, Dr. Meenu Gupta	202311057667	Click Here
4.	Bone Fixation Device	Dr. Chandra Shekhar Nautiyal, Dr. Vijendra Devisingh Chauhan	202311059944	Click Here
5.	A urinal prototype for cancer screening by quantitation of native nucleic acids in urine using UV spectroscopy	Dr. Neeraj Gupta	202211026749	Click Here
6.	Radioprotection handcart for radiographic examinations in neonatal intensive care unit (NICU)".	Dr. Satish Chandra Uniyal, Mr. Vikram Singh	202311081305	Click Here
7.	Adjustable Footrest for Squatting Posture on Toilets	Dr. Chandra Shekhar Nautiyal, Dr. Vijendra Devisingh Chauhan, Mr. Sandeep Kumar	202411008825	Click Here
8.	Glass Test Tube for Growing Microbial Culture with a Filter Cap	Charu Sharma, Vivek Kumar, Vishal Rajput, C.S. Nautiyal	202411036602	Click Here
9.	Petri Dish for Actively Growing Aerobic Microorganisms with a Ventilated Lid	Anupam Dhasmana, Charu Sharma, Vivek Kumar, Vijay Kumar, Vishal Rajput, C.S. Nautiyal	202411038331	Click Here



3. Collaborations with Industry

University works with a vision to transform R&D activities in all its colleges, and create many centers of excellence, research parks, innovation centers & technology business clusters promoting collaboration & cooperation amongst institutions and industries within the region to transform the state's S&T & innovation ecosystem. University has collaborations with many academic and other organizations of national/ international repute as mentioned below:

- Indian Orthopaedic Association
- Stryker India Private Limited and Stryker Global Technology Center Private Limited
- Zimmer India Private Limited
- Medtronic India Private Limited
- Johnson & Johnson India
- Smith and Nephew Professional Education, Mumbai, India
- Asian Society of Mastology
- Sarcoma Education Foundation

Moreover the University also has MOUs with prestigious Academic institutions like SGPGI- Lucknow, IIT- Roorkee, AIIMS, Rishikesh, IBM, OM Logistics, IBC(Denmark) etc. for providing industry-oriented training to bridge student's academic aspirations and industry's requirements.

List of Collaborating Agencies: [View Document](#)

E-copies of MoUs and related activities: [View Document](#)





4. Student Internships

Student internships play a crucial role in preparing them for future professional challenges by providing practical exposure and real-world experience. Healthcare program students gain valuable insights through internships at the on-campus Himalayan Hospital, while students from other disciplines engage in industry-based internships. For instance, engineering students have undertaken internships at leading organizations such as TCS iON, THDC, BHEL, Diginique Tech Labs, and IBM, focusing on key areas like app development, machine learning, artificial intelligence, cloud computing, and web development. Biomedical Engineering students benefit from hands-on training opportunities within the Himalayan Hospital itself. Similarly, students from other programs actively participate in hands-on, live, and experiential learning experiences to enhance their industry readiness and practical skills.

Student Internships (2022-23)						
S. No	Name of the Academic Unit	Department	Name of the Student	Year/Semester	Details of Internship	Date & Duration
1.	HIMS	Hospital Administration	Abhinav Anand	2021 / Sem IV	Himalayan Hospital, Jolly grant	13-Feb-2023 to 18- Jun- 2023 4 Months
2.	HIMS	Hospital Administration	Kshiti	2021 / Sem IV	Jaypee Hospital, Noida	09-Feb-2023 to 09- Jun- 2023 4 Months
3.	HIMS	Hospital Administration	Nitin Kanchan	2021 / Sem IV	Himlayan Hospital, Jolly grant	13-Feb-2023 to 18- Jun- 2023 4 Months
4.	HIMS	Hospital Administration	Prachi Negi	2021 / Sem IV	Himlayan Hospital, Jolly grant	4 Months
5.	HIMS	Hospital Administration	Samit	2021 / Sem IV	Himlayan Hospital, Jolly grant	4 Months
6.	HIMS	Hospital Administration	Supriya Kukrety	2021 / Sem IV	Himlayan Hospital, Jolly grant	4 Months
7.	HIMS	Hospital Administration	Verma Tanya	2021 / Sem IV	Jaypee Hospital, Noida	09-Feb-2023 to 09- Jun- 2023 4 Months



8.						
9.	HCN	Himalayan College of Nursing	Aaisha Parveen	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
10.	HCN	Himalayan College of Nursing	Aakanksha Panwar	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
11.	HCN	Himalayan College of Nursing	Aarushi Tiwari	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
12.	HCN	Himalayan College of Nursing	Aasma Parveen	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
13.	HCN	Himalayan College of Nursing	Abhay Jadli	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
14.	HCN	Himalayan College of Nursing	Adhyansha Bartwal	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
15.	HCN	Himalayan College of Nursing	Akanksha	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
16.	HCN	Himalayan College of Nursing	Akash	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
17.	HCN	Himalayan College of Nursing	Alka Endwar	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023



						6 Months
18.	HCN	Himalayan College of Nursing	Anchal Bisht	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
19.	HCN	Himalayan College of Nursing	Angel Edward	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
20.	HCN	Himalayan College of Nursing	Anita Kaintura	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
21.	HCN	Himalayan College of Nursing	Anjali Pal	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
22.	HCN	Himalayan College of Nursing	Anshika	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
23.	HCN	Himalayan College of Nursing	Anshika Nautiyal	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
24.	HCN	Himalayan College of Nursing	Anshika singh	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
25.	HCN	Himalayan College of Nursing	Anshul Sharma	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months



26.	HCN	Himalayan College of Nursing	Anuradha Rana	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
27.	HCN	Himalayan College of Nursing	Anurag Gusain	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
28.	HCN	Himalayan College of Nursing	Arpan Gaur	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
29.	HCN	Himalayan College of Nursing	Avantika Rawat	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
30.	HCN	Himalayan College of Nursing	Ayush Uniyal	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
31.	HCN	Himalayan College of Nursing	Ayushi Bhatt	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
32.	HCN	Himalayan College of Nursing	Bhavna Saini	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
33.	HCN	Himalayan College of Nursing	Bhumika	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
34.	HCN	Himalayan College of Nursing	Dolly Joshi	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023



						6 Months
35.	HCN	Himalayan College of Nursing	Garima	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
36.	HCN	Himalayan College of Nursing	Garima Pathak	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
37.	HCN	Himalayan College of Nursing	Harpreet Kaur	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
38.	HCN	Himalayan College of Nursing	Ishika Rana	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
39.	HCN	Himalayan College of Nursing	Ishika Sethi	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
40.	HCN	Himalayan College of Nursing	Ishita Aswal	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
41.	HCN	Himalayan College of Nursing	Jordan Singh Sahota	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
42.	HCN	Himalayan College of Nursing	Jyoti Tariyal	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months



43.	HCN	Himalayan College of Nursing	Kajal	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
44.	HCN	Himalayan College of Nursing	Khushi Bhatt	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
45.	HCN	Himalayan College of Nursing	Khushi Joshi	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
46.	HCN	Himalayan College of Nursing	Km. Anushka Joshi	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
47.	HCN	Himalayan College of Nursing	Komal	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
48.	HCN	Himalayan College of Nursing	Kusum	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
49.	HCN	Himalayan College of Nursing	Liza Johnson	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
50.	HCN	Himalayan College of Nursing	Lumbini Joshi	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
51.	HCN	Himalayan College of Nursing	Manvi Pegwal	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023



						6 Months
52.	HCN	Himalayan College of Nursing	Md Azam	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
53.	HCN	Himalayan College of Nursing	Megha Negi	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
54.	HCN	Himalayan College of Nursing	Meghna Bahuguna	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
55.	HCN	Himalayan College of Nursing	Mohini	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
56.	HCN	Himalayan College of Nursing	Monika	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
57.	HCN	Himalayan College of Nursing	Monika Bisht	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
58.	HCN	Himalayan College of Nursing	Muhammad Mudassir	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
59.	HCN	Himalayan College of Nursing	Muskan	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months



60.	HCN	Himalayan College of Nursing	Nancy	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
61.	HCN	Himalayan College of Nursing	Neha	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
62.	HCN	Himalayan College of Nursing	Pawan Kumar	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
63.	HCN	Himalayan College of Nursing	Pooja Rawat	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
64.	HCN	Himalayan College of Nursing	Prachi	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
65.	HCN	Himalayan College of Nursing	Prachi Painuly	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
66.	HCN	Himalayan College of Nursing	Preeti	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
67.	HCN	Himalayan College of Nursing	Preeti Bamrada	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
68.	HCN	Himalayan College of Nursing	Prerana Rawat	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023



						6 Months
69.	HCN	Himalayan College of Nursing	Priti Verma	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
70.	HCN	Himalayan College of Nursing	Priya Gupta	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
71.	HCN	Himalayan College of Nursing	Priya Rajput	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
72.	HCN	Himalayan College of Nursing	Priyanka Rawat	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
73.	HCN	Himalayan College of Nursing	Rashmi Negi	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
74.	HCN	Himalayan College of Nursing	Rishika Saini	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
75.	HCN	Himalayan College of Nursing	Ritika	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
76.	HCN	Himalayan College of Nursing	Ritika	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months



77.	HCN	Himalayan College of Nursing	Ritika Lal	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
78.	HCN	Himalayan College of Nursing	Ritika Negi	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
79.	HCN	Himalayan College of Nursing	Riya	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
80.	HCN	Himalayan College of Nursing	Rohit Negi	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
81.	HCN	Himalayan College of Nursing	Rohit Rodney	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
82.	HCN	Himalayan College of Nursing	Saakshi Kandwal	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
83.	HCN	Himalayan College of Nursing	Sakshi Bhatt	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
84.	HCN	Himalayan College of Nursing	Sakshi Maithani	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
85.	HCN	Himalayan College of Nursing	Saleena	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023



						6 Months
86.	HCN	Himalayan College of Nursing	Sarika Pal	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
87.	HCN	Himalayan College of Nursing	Sarika Pokhriyal	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
88.	HCN	Himalayan College of Nursing	Savita Vyas	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
89.	HCN	Himalayan College of Nursing	Shabnam	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
90.	HCN	Himalayan College of Nursing	Shalini	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
91.	HCN	Himalayan College of Nursing	Shalini Aswal	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
92.	HCN	Himalayan College of Nursing	Shivangi Gwari	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
93.	HCN	Himalayan College of Nursing	Shourya Maithani	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months



94.	HCN	Himalayan College of Nursing	Shweta Rawat	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
95.	HCN	Himalayan College of Nursing	Simran	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
96.	HCN	Himalayan College of Nursing	Sonam	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
97.	HCN	Himalayan College of Nursing	Sonia Rawat	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
98.	HCN	Himalayan College of Nursing	Sonika Nautiyal	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
99.	HCN	Himalayan College of Nursing	Sulekha Rawat	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
100.	HCN	Himalayan College of Nursing	Suman Panwar	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
101.	HCN	Himalayan College of Nursing	Surbhi Bijalwan	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
102.	HCN	Himalayan College of Nursing	Tanuja Rana	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023



						6 Months
103.	HCN	Himalayan College of Nursing	Tanuja Rawat	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
104.	HCN	Himalayan College of Nursing	Tenzin Dhondup	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
105.	HCN	Himalayan College of Nursing	Unnati Rawat	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
106.	HCN	Himalayan College of Nursing	Vanshika Chauhan	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
107.	HCN	Himalayan College of Nursing	Vrinda Kalra	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months
108.	HCN	Himalayan College of Nursing	Yashika Bhatia	B.Sc. Nursing 4th Year (Batch 2019)	Himalayan Hospital and Community Area Doiwala	10-Apr-2023 to 23- Sep- 2023 6 Months

5. Industry Talks and Guest Lectures

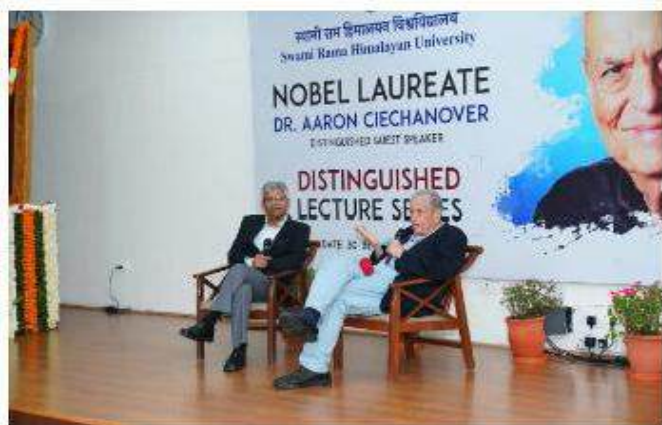
At Swami Rama Himalayan University (SRHU), guest lectures delivered by industry experts play a vital role in bridging the gap between academic learning and real-world practices. These insightful sessions are designed to provide students and faculty members with exposure to current industry trends, challenges, and innovations. By connecting academic



knowledge with practical applications, these lectures inspire critical thinking, foster innovation, and prepare students to meet industry expectations confidently. Additionally, they provide valuable networking opportunities, enabling participants to interact directly with professionals, gain insights into career pathways, and explore collaborative research prospects. These sessions reinforce SRHU's mission to cultivate industry-ready graduates and promote a culture of continuous learning and innovation.

1. Distinguished Guest Lecture

Nobel Laureate and eminent biochemist Dr. Aaron Ciechanover delivered a distinguished lecture at SRHU on March 30-31, 2023, highlighting the critical role of bioethics in medicine. He addressed the challenges faced by healthcare professionals, particularly in oncology and during the COVID-19 pandemic, where ethical dilemmas arose in patient care prioritization and transparency about terminal illnesses. Dr. Ciechanover emphasized the societal impact of misinformation, historical injustices in healthcare, and vaccine hesitancy while sharing insights from his Nobel-winning research on ubiquitin-mediated protein degradation. The lecture concluded with an engaging Q&A session, offering a platform for thought-provoking discussions on medicine and ethics.



2. Guest Lecture on “Securing a Resilient Future: Sustainability in Reference to Uttarakhand”

The Himalayan School of Biosciences at Swami Rama Himalayan University (SRHU) organized a one-day forum on May 31, 2023, titled “Securing a Resilient Future: Sustainability in Reference to Uttarakhand.” The event aimed to contribute to the ongoing G-20 discourse on sustainable development in the Himalayas and explore strategies to address climate



change challenges. The forum featured discussions on climate adaptation, renewable energy, ecosystem services, sustainable tourism, and community-based conservation. Dr. K.K. Pant, Director of IIT Roorkee, delivered the keynote address, highlighting IITR's contributions to Uttarakhand's sustainable development. Additional insights were shared by Dr. Rajendra Dobhal on sustainable practices and Dr. C.S. Nautiyal on research initiatives for the state's growth. The forum, convened by Dr. Sanjay Gupta, saw active participation from 265 students across various schools at SRHU, fostering collaborative discussions on securing a sustainable future for Uttarakhand.



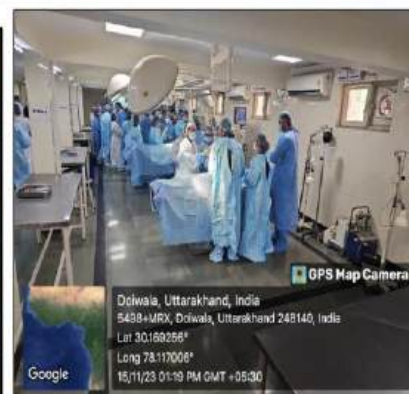
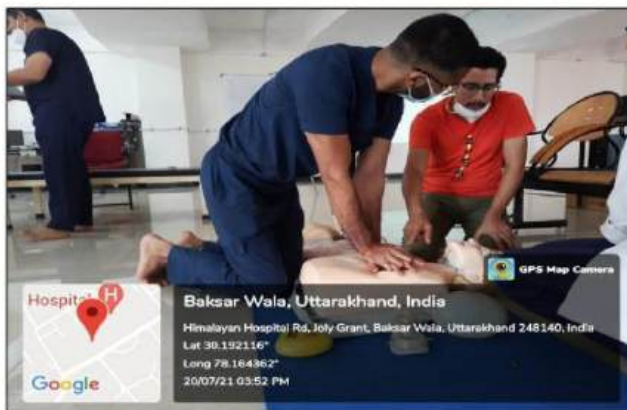
6. Infrastructure Development

Infrastructure and Learning Resources

The University is home to a 1200-bed super-specialty teaching hospital, including 960 teaching beds, accredited by the National Accreditation Board for Hospitals (NABH). It features AYUSH therapy centers and advanced central diagnostic laboratories accredited by the National Accreditation Board for Testing and Calibration Laboratories (NABL). These laboratories are equipped with modern automated diagnostic equipment and a pneumatic shoot system, offering high-tech diagnostic services, research opportunities, and comprehensive training. Diagnostic facilities such as a 1.5 Tesla MRI, 128-slice Spiral CT scan, PET scan, Gamma Camera, Hi-tech Ultrasounds, Mammography, Echography, Cardiac Cath Labs, Neurology and Sleep Labs, and Endoscopic Labs significantly enhance hands-on training for medical and paramedical students. The dedicated Cancer Centre provides comprehensive cancer care, including radiotherapy and Bone Marrow Transplants. Additional facilities include a state-of-the-art Dialysis Center with renal transplant capabilities, a Learning Disability Clinic (LDC) collaborating with clinical departments to support children with learning disorders, and a unique Cadaveric Lab in northern India offering hands-on learning with advanced



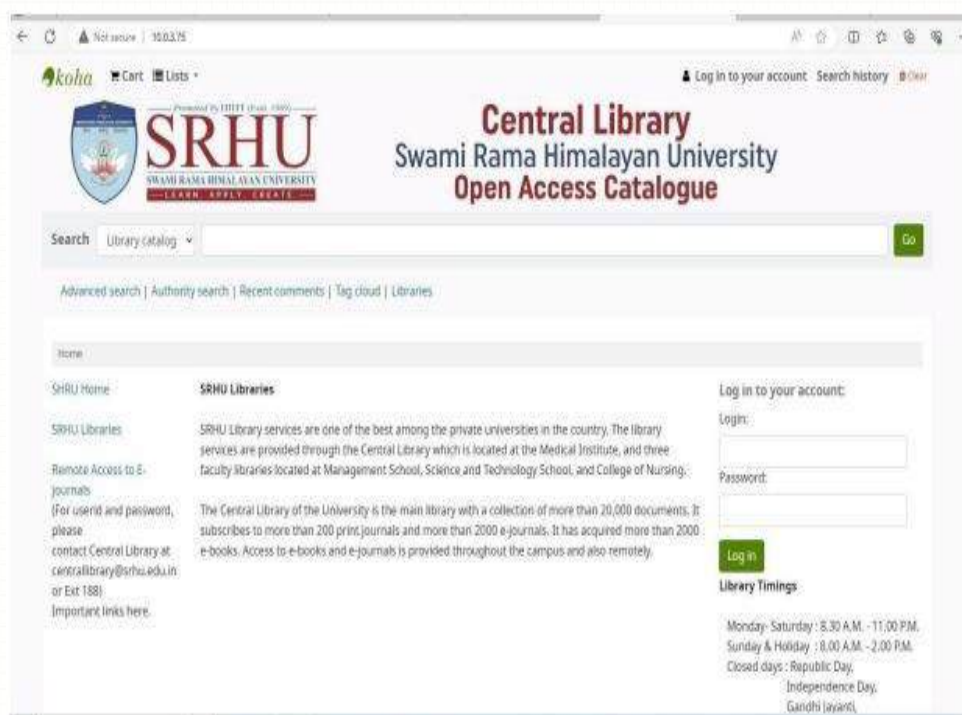
simulation technologies. The Skill and Simulation Center of Excellence (SSCE) is Uttarakhand's first and only facility of its kind, providing cutting-edge healthcare education through immersive simulation training. The University also features fully ICT-enabled classrooms, seminar halls, museums, and advanced laboratories. The engineering and management colleges are equipped with computer labs featuring the latest software for specialized training, including communication, language learning, data analysis, accounting (TALLY), business simulation, and audio/speech therapy, ensuring students receive a comprehensive and modern educational experience





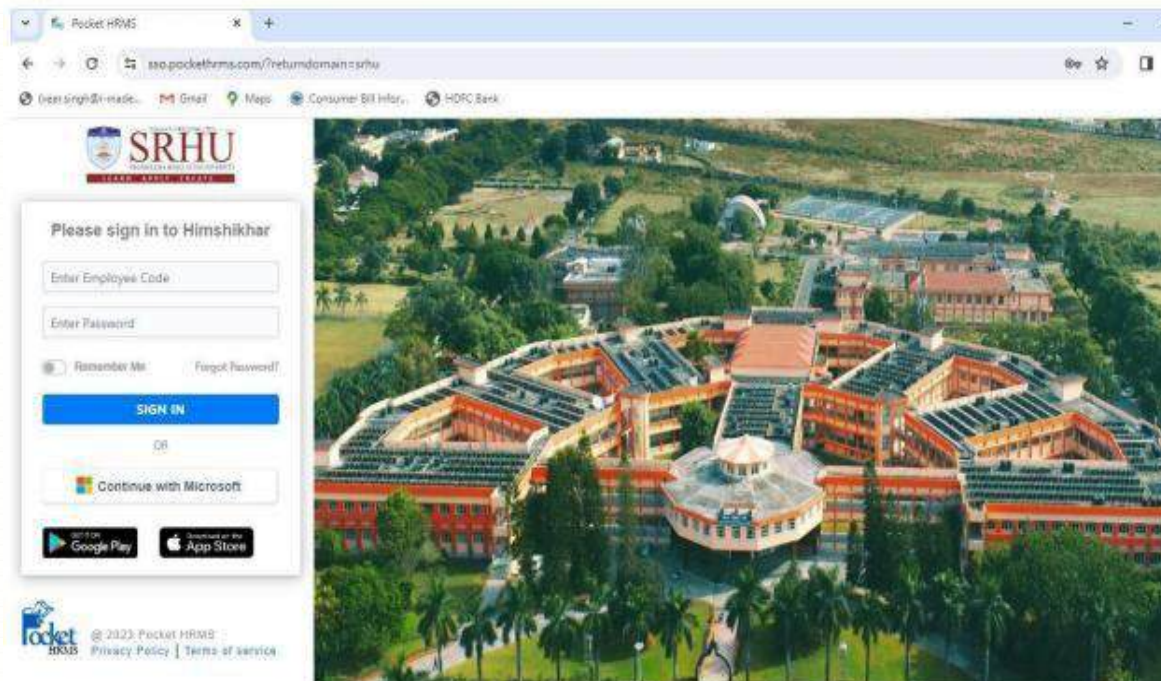
Digital Infrastructure

The University operates two data centers: a primary data center and a disaster recovery center, featuring 14 physical and 32 virtual servers. It utilizes BSNL NKN OFC with a 1 Gbps bandwidth and JIO OFC Link with 500 Mbps bandwidth. Over 1,225 desktops are available across campus, with internet access provided via LAN in all laboratories for student use. Security is maintained with two regularly updated firewalls. The Cyberoam firewall, in use since 2018, was upgraded to Sophos 310 in 2020 and further enhanced to XGS 3300 in October 2023. Wireless connectivity is available in select areas through 50 installed access points, supported by a 24/7 UPS backup system for all IT infrastructure. Airtel FTTH service is also available in staff residential areas. Classrooms, labs, conference rooms, and seminar halls are equipped with LCD projectors and internet access. The University leverages enterprise-level applications, including Akhil Miracle HIS, JUNO ERP & LMS, NoPaperForms, Sage HRMS, and Turnitin. Additionally, platforms such as Microsoft DreamSpark, Adobe Creative Cloud, D Space, Faculty/Curriculum Feedback, KOHA Library Management System, Google Workspace for Education, and SMS services support academic and administrative functions. [View Document](#)



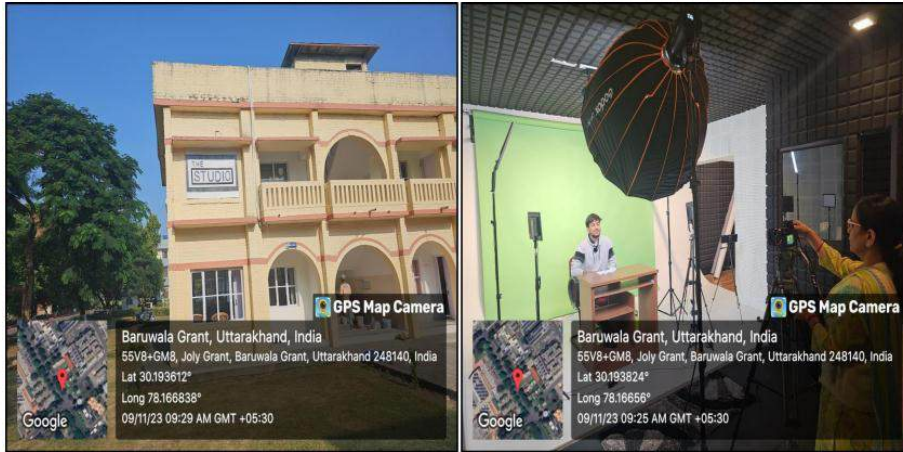


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E-Content Development and Digital Learning Initiatives

The University's commitment to digital learning is reflected in the establishment of an E-Content Development Cell, which ensures quality content creation and faculty training in line with university guidelines. The use of the KYAN all-in-one teaching device and smart boards enhances interactive teaching and engagement, supporting both classroom and virtual learning environments. A state-of-the-art studio with advanced equipment, including green screens, teleprompters, and high-definition cameras, supports the production of high-quality e-content. Additionally, the University's partnership with INFLIBNET LMS (ILMS) expands access to a vast array of e-resources, research materials, and courses via platforms like e- PG Pathshala. The establishment of a SWAYAM NPTEL Local Chapter offers students access to MOOC courses, providing opportunities for additional certifications and skill development beyond traditional classroom learning.



ICT-Enabled Learning at the University

The University integrates advanced ICT tools and online resources to enhance teaching and learning experiences, including multimedia presentations, smartboards, virtual classrooms, and 100% ICT-enabled classrooms equipped with Wi-Fi and broadband connectivity. The E-learning lab offers video conferencing facilities, supporting a seamless learning environment.

Key ICT initiatives include:

1. Integrated Digital Teaching Device: Leveraged by the E-Content Development Cell for high-quality e-content production, faculty receive regular training to create comprehensive learning resources accessible anytime.
2. INFLIBNET LMS Partnership: The platform offers courses, video lectures, and interactive materials across disciplines, enhancing learning through e-PG Pathshala and extensive research resources.
3. Multimedia Presentations: Faculty employ interactive content to engage students and improve comprehension.
4. Central Library Resources: The e-Library provides 8002 e-books, 7004 journals, and access to reputed health science literature from global publishers like Elsevier and BMJ Publishing, encouraging research and independent learning.
5. SWAYAM NPTEL Local Chapter: Offers access to MOOC courses for skill development and additional certifications.



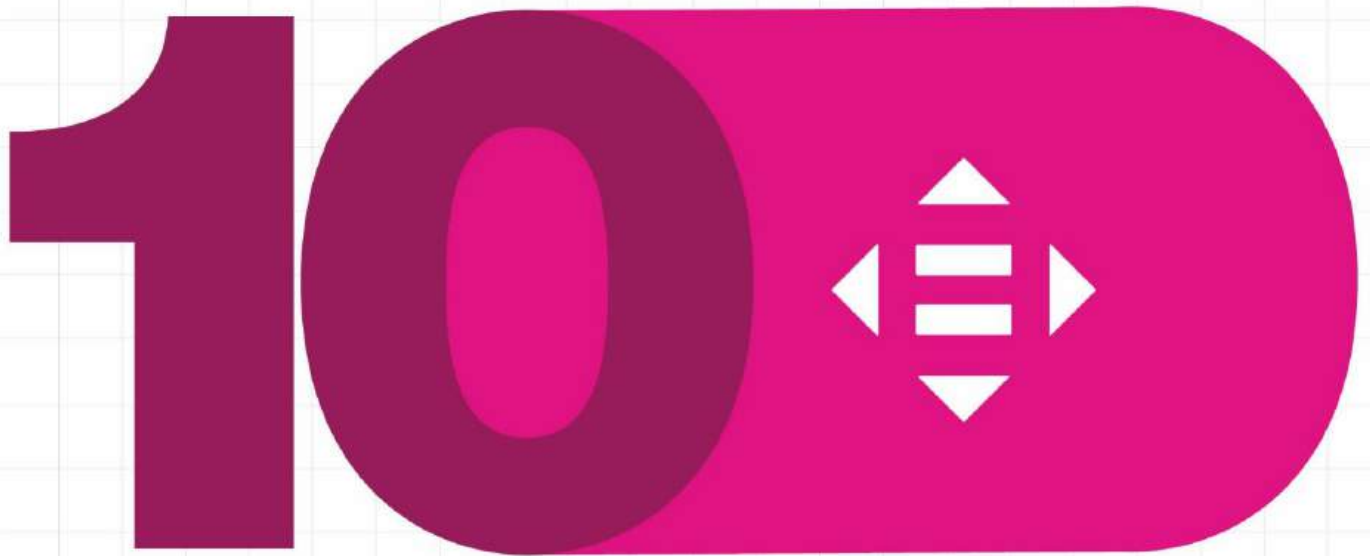
Swami Rama Himalayan University

NAAC A+



**SUSTAINABLE
DEVELOPMENT GOALS**

SUSTAINABLE DEVELOPMENT GOALS



**REDUCED
INEQUALITIES**

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1. Inclusive Education: Scholarships and Financial Aid

Swami Rama Himalayan University (SRHU) remains steadfast in its mission to deliver inclusive education, ensuring equal access to quality learning for students from diverse socioeconomic, regional, and cultural backgrounds. With a strong emphasis on equity, SRHU implements various initiatives, including scholarships and financial assistance programs, to uplift marginalized communities. Special provisions for individuals with disabilities, students from low-income families, and other disadvantaged groups exemplify the university's commitment to creating a supportive and equitable academic environment.



Promoting Regional Representation and Inclusivity

SRHU fosters regional inclusion by reserving **40% of seats in all courses for permanent residents of Uttarakhand**, complemented by a **26% fee concession** for these students. Any unfilled seats are allocated to other candidates after the admission deadline, ensuring optimal resource utilization. [For more information](#)

Scholarships and Financial Aid Programs Merit-Cum-Means Scholarship

Students from economically weaker sections with an annual family income below ₹5,00,000 are eligible for this scholarship, which covers **50% of tuition fees for the first year**. It can be extended for subsequent years based on consistent academic performance (minimum 70%) and 80% attendance. [For more information](#)



Special Scholarships

- Financial support for transgender students and differently abled individuals.
- Fee concessions for the wards of personnel from Armed Forces, Paramilitary Forces, and Police (both serving and retired).

Additional Fee Concessions

- **25% fee waivers** for female students, fostering gender equality.
- Concessions for SRHU alumni pursuing higher education and the children of university employees, subject to service terms.

Free Education for Orphans

- One orphan per academic program receives full financial assistance, reaffirming SRHU's dedication to supporting the most vulnerable.

An Inclusive Curriculum for Equality

The university's curriculum emphasizes inclusivity and prepares students to address social inequalities. With **53 courses** dedicated to inclusivity, the programs integrate diverse perspectives and needs to foster social responsibility.

Medical and Health Sciences: Courses such as Community Medicine, Health Policy Planning, and Geriatric Health empower students to tackle healthcare disparities. Subjects like Health Economics enable the development of equitable policies.

Physiotherapy and Nursing: Programs like Community Physiotherapy and Advanced Nursing Practice focus on providing care for underserved populations.

Social Sciences and Information Technology: Courses such as Sociology and Communication Skills encourage cultural awareness and empathy, while Basic Computer Sciences enhance technological inclusivity.

Management and Business Studies: Topics like Human Resource Management and Strategic Management emphasize ethical leadership and inclusivity in organizational settings.

This curriculum not only nurtures academic excellence but also instills a deep commitment



to social equity among students

2. Accessibility and Learning Resources

SRHU's website is designed with inclusivity in mind, featuring the **wp-accessibility plugin** to enhance usability for individuals with visual challenges. Users can further personalize their experience with assistive technologies such as NVDA or by adjusting their computer settings.

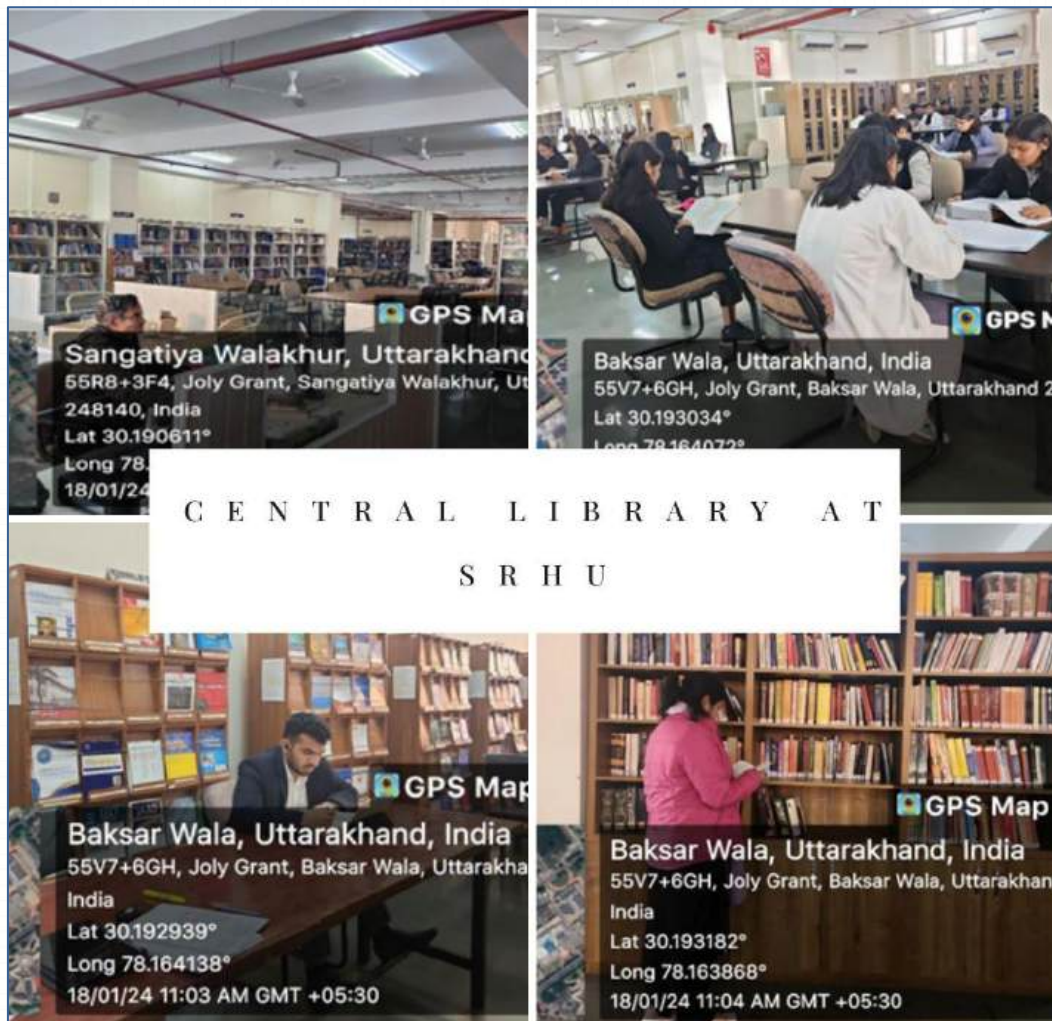


Advanced Library Facilities

The University boasts a world-class library system comprising a Central Library and six specialized faculty libraries, offering:

- Over 37,000 monographs and 2,561 international journals.
- Comprehensive e-resources, including Scopus, NEJM, Cochrane Library, and SWAYAM.
- Remote access to digital archives, fostering seamless learning experiences both on and off campus.
- Special collections, such as Gandhi Heritage and Vedic Heritage, integrate traditional wisdom with modern academic resources.

The **425-seat Central Library**, powered by cutting-edge technology like RFID and KOHA LMS, exemplifies SRHU's commitment to fostering an inclusive and enriching academic environment. [For more information](#)



Disability Inclusion

The University recognizes the importance of providing accessible facilities to ensure that all students, faculty, staff, and visitors can participate fully in academic, social, and extracurricular activities.

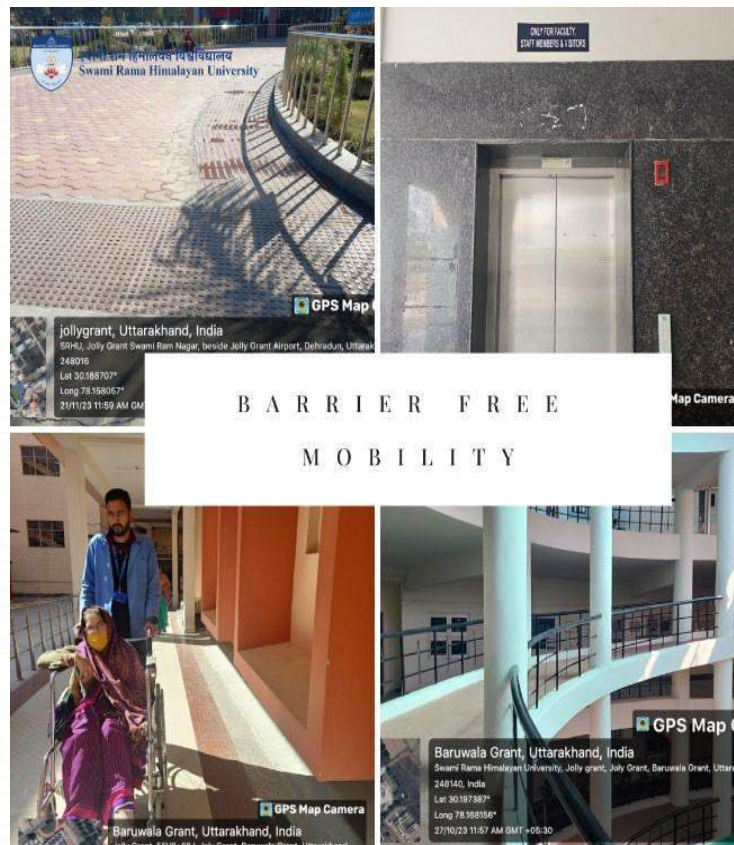
Barrier-Free Mobility: SRHU has implemented numerous measures to facilitate safe, independent, and convenient movement for individuals with mobility challenges:

- **Ramps:** All key buildings and entry points on campus are equipped with ramps, enabling easy wheelchair access and safe navigation for individuals with physical disabilities.
- **Lifts and Elevators:** Multi-story buildings are fitted with lifts to ensure vertical mobility,



allowing students, faculty, and visitors with mobility challenges to access all floors without hindrance.

- **Tactile Pathways:** To support individuals with visual impairments, tactile pathways are installed across the campus. These pathways use raised textures and guide tiles to help visually impaired individuals navigate independently and safely.



These features reflect SRHU's commitment to creating a campus where movement and accessibility are no longer obstacles for people with disabilities.

Disability-Friendly Washrooms

The University has strategically designed and located disability-friendly washrooms throughout the campus.

These washrooms are equipped with:

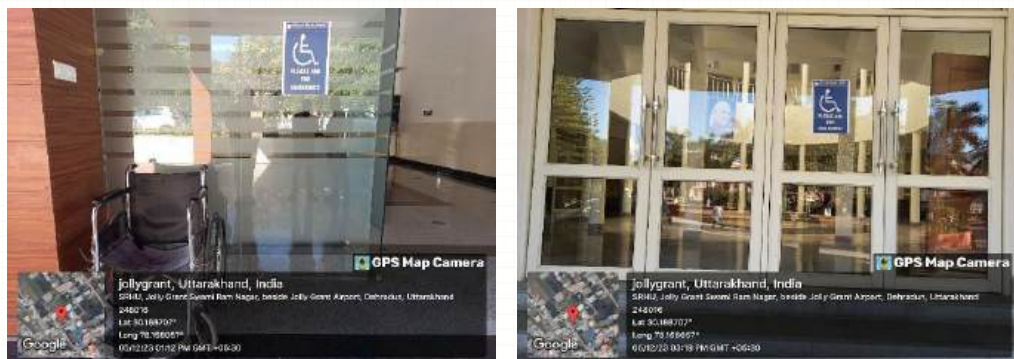
- **Handrails and grab bars** for support and safety.
- **Ample space** for wheelchair users to manoeuvre comfortably.
- Accessible faucets and fixtures that cater to individuals with limited dexterity.



By prioritizing inclusive sanitation facilities, SRHU ensures that the basic needs of individuals with disabilities are met with dignity and ease.

Wheelchair Assistance at the University Hospital

SRHU extends its inclusivity to healthcare services by providing **wheelchair assistance** at the university hospital. This ensures that individuals with mobility impairments can access medical facilities and consultations without difficulty. The hospital staff is trained to offer compassionate and professional support, ensuring a seamless and dignified experience for all patients with disabilities.



3. Cultural and Religious Diversity



Swami Rama Himalayan University (SRHU) fosters inclusivity, tolerance, and harmony by celebrating a rich tapestry of cultural, religious, and national events, reflecting India's diversity. Festivals like Lohri, Holi, Eid-UI-Fitr, Onam, Diwali, and Christmas are celebrated alongside Uttarakhand's unique **Harela**, marked by a "Go Green Campus" sapling plantation drive. National days such as Republic Day, Independence Day, and Matribhasha Diwas are commemorated with rallies, nukkad nataks, and awareness campaigns. SRHU honors eminent personalities like Mahatma Gandhi and Sardar Vallabhbhai Patel, and observes **Mahasamadhi Diwas** for its founder, Dr. Swami Rama. Signature events include the vibrant three-day **Himotsav** cultural festival, promoting talent and creativity, and student-driven initiatives like **BizVista** under the G20 Summit, emphasizing sustainability and innovation. Literary contests, yoga sessions, and value-based education further enrich student life, creating a dynamic, inclusive, and impactful learning environment.





S.N.	Event	Detailed Reports
1.	Guru Poornima	Click here
2.	Janmashtami	Click here
3.	Dussehra	Click here
4.	Dandiya Festival	Click here
5.	Lohri	Click here
6.	Holi	Click here
7.	SRHU Foundation Day (Himotsav-2023)	Click here
8.	Rabindranath Tagore's birthday	Click here
9.	Id-UI-Juha	Click here

4. Community Outreach Activities

In partnership with the Rural Development Institute (RDI) and with the support of Dhyan Mandiram Trust, Swami Rama Himalayan University (SRHU) has continued its commitment to supporting people with disabilities. Through targeted health, education, and livelihood interventions, the university has positively impacted the lives of 241 individuals with disabilities, fostering a more inclusive society.

Health Interventions

- **Learning Disability Clinics:** A total of 47 clinics were conducted at Himalayan Hospital, where 220 children (119 girls and 101 boys) were screened for learning disabilities. Identified children were referred for further investigations. Regular reviews of the program were carried out in collaboration with departments like Pediatrics, Ophthalmology, Psychiatry, Neurology, Hearing, and Speech Therapy, along with RDI.
- **Collaborative Training for Educators:** In association with the State Education Department, training sessions were organized for government primary school teachers, focusing on learning disabilities and effective intervention strategies.
- **Assistive Devices:** Seventeen individuals were provided with essential assistive devices, including tricycles, wheelchairs, cycles, hearing aids, eyeglasses, prams, blankets, shoes, and mosquito nets, improving their mobility and daily life quality.

Social and Economic Empowerment

- **Disability Certification and ID Support:** Sixty-five individuals were assisted in



obtaining disability certificates, and 100 people with disabilities were supported in the process of obtaining Unique Disability ID (UDID) cards. Out of these, 32 successfully secured their UDID, streamlining their identification and access to government benefits.

Entrepreneurial Support: Ten individuals with disabilities were provided seed money to start small businesses, enabling them to achieve financial independence.

Scholarships for Education: Fourteen school-going children with disabilities received scholarships to cover fees, uniforms, and other educational necessities.

Follow-Up and Monitoring: Regular follow-up visits were conducted with individuals supported under the program. These visits revealed significant improvements in their standard of living, increased daily income, and enhanced social standing, reflecting the success of the initiatives.



स्वामी राम हिमालयन विश्वविद्यालय
Swami Rama Himalayan University





SUSTAINABLE DEVELOPMENT GOALS

SUSTAINABLE DEVELOPMENT GOALS



SUSTAINABLE CITIES AND COMMUNITIES

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1. Research Initiatives

Swami Rama Himalayan University (SRHU) actively engages in research initiatives that support the objectives of SDG 11 by focusing on sustainable cities and communities. The University undertakes interdisciplinary research to develop innovative solutions for urban challenges such as waste management, energy efficiency, climate resilience, and health initiatives. Community-focused research further emphasizes sustainable housing, waste recycling, and inclusive urban development, particularly for marginalized populations. By integrating research with community outreach, SRHU plays a vital role in creating knowledge-driven solutions to make cities and communities more sustainable and livable.

Research Projects

The University provides research funds to promote the research for conduction of research ([Intramural-Projects-Completed-2022.pdf](#), [Intramural-Projects-Completed-2023.pdf](#)).

To name a few intramural projects funded by the university are:

SN	Name of the project	Duration of the project	Name(s) of the teacher(s) working in the project receiving seed money	Amount of seed money provided (INR in lakhs)	Year of receiving the seed money
1.	GiriSuraj- An Innovative Solar flux based Home Phototherapy Unit for Management of Neonatal Jaundice in low middle income countries	06 Months	Dr Suraj Kumar Singh, Dr Girish Gupta	0.15	2022-2023
2.	HimGiriNaaz - An innovative, neonatal transporter unit for short duration transport	06 Months	Dr Aisha Naaz, Dr Girish Gupta	0.15	2022-2023



3.	Assessment of the effects of air pollution on gene diversity and population structure of the medicinally/economically important Shorea robusta roadside population using SSR markers	24 Months	Dr. Akhilesh Kumar	5.330	2022-2023
4.	GiriBLS- A Life savior Basic Life Support Ready Reference Pocket Purse sized Card	6 Months	Dr. Girish Gupta	0.15	2022-2023
5.	GiriHari - Resuscitator T-piece resuscitator for use in healthcare services during neonatal short transportation in low middle income countries	6 Months	Dr. Girish Gupta, Dr. Harit Prasad	0.15	2022-2023
6.	A study to assess resilience and anxiety among Health Care Workers (HCW'S) working in critical care areas during the COVID-19 pandemic	3 Months	Dr. Rajesh Kumar Sharma, Associate Professor, HCN, SRHU	0	2022-2023
7.	A system & method for maintaining Conditions of Mental Health in the Working Environment with the help of Human Resource Management	12 Months	Dr. K Selvasundaram, Ms. Ekta Rao, Dr. Subrato Kumar Dey, Dr. M K Kathiravan, Dr. T. Milton, Iskandar Muda, Valentino Joebert Barbosa, Dr.	0	2022-2023



			Geetha Manoharan, Sunitha Purushottam, Rakesh Ahlawat		
8.	Development of Low Cost Model for Efficient Treatment of Hospital Waste Water	12 Months	Dr. Geeta Bhandari	3.000	2022- 2023
9.	Development of monosyllabic word list for adults in Garhwali language	03 Months	Ms. Shubha Tak -Audiology	0	2022- 2023
10.	Effectiveness of home based toilet training on knowledge and practice of mothers	9 Months	Dr. Sanjenbam Emon Chanu, Dr.Vandana Chauhan, Dr. Rashmi Joshi	0.578	2022- 2023



11.	Estimation of voice disorders in a tertiary care teaching hospital in Uttarakhand- A retrospective study	02 Months	Ms. Shalini S Narayanan- Audiology	0	2022-2023
12.	Exploring the clinico-demographic profile and in-hospital outcomes of COVID-19 patients of tertiary care hospital of Uttarakhand during the second wave-A retrospective analysis	04 Months	Dr. Jayanti Semwal	0.02	2022-2023
13.	Factors Affecting Awareness of Mental Health among Adults of Selected Area	6 Months	Dr. Grace M. Singh, Rajkumari Sylvia, Dr. Rahul Singh	0.538	2022-2023
14.	First Aid and Support Training Manual for Drivers and Conductors	09 Months	Dr. Rajeev Bijalwan, Dr. Rakesh Kakkar, Dr. Pradeep Aggarwal, Dr Anurag Bhargava, Dr. Anil Juyal, Dr. D. C Vidyarthi, Mr. Sunil Khanduri, Mr. Vikesh Semwal,	0.44	2022-2023



15.	Hand drying practices among health care workers: A web based survey	03 Months	Dr. Rakesh Kumar	0	2022-2023
16.	Molecular study of Carbapenem resistant clinical isolates of <i>Acinetobacter baumannii</i> in a tertiary care center	24 Months	Dr. Barnali Kakati	2.997	2022-2023
17.	Smartphone addiction and its correlation with academic performance in High School Adolescents	06 Months	Dr. Rakesh Kumar	0	2022-2023
18.	Social media use among university students and its impact on sleep, anxiety and depression	03 Months	Dr. Rakesh Kumar	0	2022-2023



19.	Speech and language outcome in children using non-linear amplification device through RBSK scheme in Uttarakhand-A retrospective study	02 Months	Ms. Shalini S Narayanan-Audiology	0	2022-2023

Research Publications

Swami Rama Himalayan University (SRHU) is committed to advancing knowledge and contributing to Sustainable Development Goal 11 (SDG 11) through impactful research publications. Faculty and researchers across disciplines actively publish in peer-reviewed national and international journals, focusing on areas such as sustainable planning, renewable energy integration, waste management systems, and climate-resilient infrastructure. These publications provide evidence-based insights and solutions for addressing the challenges of urbanization while fostering sustainability and inclusivity in cities and communities. These publications not only enhance the academic reputation of SRHU but also contribute to policymaking, knowledge dissemination, and the promotion of sustainable practices, reinforcing the University's commitment to supporting SDG 11. ([Scopus - Swami Rama Himalayan University](#))

To name a few top publications are as under:

- Khare, A., Rajput, P.K., Pal, R., Aarti, A Comparative Analysis on Computational and Security Aspects in IoT Domain. Lecture Notes in Networks and Systems, 2023
- Malik, P.K., Roges, R., Tiwari, P., ...Kumar, V., Gehlot, A.N. Smart Cities Monitoring using Internet of Things: Opportunities and Challenges. 2023 4th International Conference on Electronics and Sustainable Communication Systems, ICESC 2023 - Proceedings, 2023
- Walia, R., Saini, D.K.J.B., Shah, S.K., ...Tiwari, M., Golla, K. Routing Protocols of Wireless Sensor Networks in Smart Cities. 2nd International Conference on Sustainable Computing and Data Communication Systems, ICSCDS 2023 - Proceedings, 2023



- Mishra, A., Hsu, C.H., Arya, V., Chaurasia, P., Li, P. A Hybrid Approach for Protection Against Rumours in a IoT Enabled Smart City Environment. Lecture Notes in Networks and Systems, 2023
- Gupta, A., Gupta, S., Memoria, M., ...Tyagi, S., Ansari, N. Artificial Intelligence and Smart Cities: A Bibliometric Analysis. 2022 International Conference on Machine Learning, Big Data, Cloud and Parallel Computing, COM-IT-CON 2022, 2022
- Singh, G.D., Prateek, M., Kumar, S.L., ...Singh, D., Lee, H. Hybrid Genetic Firefly Algorithm-Based Routing Protocol for VANETs. IEEE Access, 2022

2. Extension and outreach activities

Swami Rama Himalayan University (SRHU) engages in extensive extension and outreach activities to support the objectives of Sustainable Development Goal 11 (SDG 11), which emphasizes sustainable cities and communities. These initiatives aim to address urban challenges such as housing and sanitation, waste management, transportation, and disaster resilience, while also promoting inclusivity and sustainability in rural-urban interactions. SRHU actively collaborates with local communities, municipal bodies, and non-governmental organizations to implement programs that improve living conditions, raise awareness about sustainability, and foster community participation in urban development processes.

Key activities include capacity-building workshops on disaster preparedness and climate resilience, community-driven waste management campaigns, and initiatives to enhance public awareness of eco-friendly practices such as rainwater harvesting and green building techniques.

Additionally, SRHU promotes inclusive development through programs focused on affordable housing and sanitation, accessible infrastructure, and skill development for marginalized populations. These extension and outreach efforts not only align with SRHU's vision of holistic education and sustainable development but also strengthen its commitment to creating resilient and sustainable communities in Uttarakhand and beyond.

Since 1998, the Rural Development Institute (RDI) of the Himalayan Institute Hospital Trust (HIHT) has been dedicated to its mission of promoting water, sanitation, and hygiene (WASH) initiatives. These efforts aim to provide sustainable health and hygiene benefits by enhancing WATSAN services, thereby improving the quality of life for communities. To date, RDI has reached over 550 villages. The projects are designed to be demand-responsive, need-based, and community-driven, ensuring active involvement of gram panchayats, user committees,



and community members who take charge of planning, designing, implementing, and managing their own schemes. Over the past year, the following WATSAN projects were undertaken:

1. Key Resource Centre (KRC)

Ministry of Jal Shakti, Government of India empaneled HIHT as Key (Knowledge) Resource Centre for capacity building and training of the officials, functionaries and stakeholders of Level -2 (Mid Management) and Level – 3 (Community) for Jal Jeevan Mission till 2024. KRC plays the role of training/capacity building of different stakeholders, dissemination of knowledge and information, development of high-quality content, documentation of best practices, etc. in the water supply sector.

2. Capacity Building & Training of 11 Batches of Implementation Support Agencies (ISAs)

11 Batches of ISAs were trained by conducting two days capacity building and training program on Jal Jeevan Mission for each around 100 ISAs from June to October 2022 in residential mode under the aegis of State Water Sanitation Mission (Drinking Water & Sanitation Dept.) Uttarakhand wherein total 436 participants of theses ISAs were trained covering all the 13 districts of Uttarakhand. Major objective of the training program was to inform and sensitize the participants towards the role and responsibilities of ISA along with to orient them about Jal Jeevan Mission Program in detail elaborating Program objective, its components, major strategies and approaches, importance and implication of participatory planning and community participation and ownership, financial provision and application of institutional framework and broadly and practically to build their capacity on participatory planning, implementation and operation and maintenance (O&M) for Har Ghar Jal for their role as ISA to Mission.





3. Capacity Building & Residential Training Programs towards JJM

Jal Jeevan Mission (JJM) is envisioned by the Government of India to provide safe and adequate drinking water to all households in rural India through individual household tap connections by the year 2024. The mission is also focused on to implement source sustainability measures as mandatory elements that include recharge and reuse through grey water management, water conservation and rainwater harvesting among the others. Extensive information, education, stakeholder training and communication are the key components of the mission. Key Resource Centers are nationwide recognized by the Ministry of Drinking Water and Sanitation with a mandate to undertake capacity building trainings of various stakeholders.

The participants appreciated the initiatives of the Institute for organizing a platform for the participants to share and discuss a variety of innovative approaches and methods to address the challenges of behaviour changes at scale and diversity. Sharing, learning, adoption, and adaptation of these approaches is necessary to accelerate progress towards a clean rural India by the end of 2024. The training was very interactive and full of learning to them which came forward during informal interactions and discussions with them.



Details of the training programs conducted are being summarized as below.

Capacity Building & Training of Four Batches of mid-level Management Public Health Engineering Departments (PHEDs) Officials (Level 2)

Four training programs were conducted on issues, challenges and solutions in spring-based water supply systems and change management (role as public health engineers)



S N	Title of Training	State	No. of participa nts	Profile of Participan t
1.	Issues, Challenges and Solutions in Spring based Water Supply Systems	J& K, Himachal Pradesh, Manipur, Uttarakhand	27	Mid-level Public Health Engineers
2.		Himachal Pradesh, Assam, Sikkim, Kerala, Uttarakhand	25	
3.	Change Management (Role as Public Health Engineers) and Activities for Har Ghar Jal'	Uttarakhand	56	
4.	Training on WASH Services during Disaster and Emergencies'	Jammu & Kashmir, Himachal Pradesh, Rajasthan and Uttarakhand	26	
		Total	134	

4. Har Ghar Jal and WASH services during disaster and emergencies from Aug 2022 to January 2023 under the aegis of National Jal Jeevan Mission (Ministry of Jal Shakti).

The major objective of the program was to convey the attention of Public Health Engineers on the cross-cutting issues of rural water supply schemes and changing the mindset as per bottom- up approach and integrating participatory measures in their working process and water resource management in the country. The trainees were also sensitized on efficient water resource management in disaster and emergency situations.



Training Programs in Jammu & Kashmir and Sikkim: KRC-HIHT conducted four days training program at Kupwara and Rajouri district of Jammu & Kashmir under the aegis of National Jal Jeevan Mission supported by Department of Drinking Water & Sanitation, Ministry of Jal Shakti, Govt. of India. The theme of the program was to orient and to provide information to PRI's functionaries (viz. Sarpanch and ward members etc.) including members of the Village water Sanitation committee (VWSC) members of the water surveillance and monitoring committee of the local villages including volunteers from water, sanitation and health sectors from the same. 69 participants from the nearby villages of Kupwara district and 96 participants from the adjacent villages of Rajouri district attended the Program.



In Sikkim, the first training of 2 days was conducted on WASH Services during Disaster and Emergencies at Sikkim State of Corporative Union, (SICUN), Gangtok, Sikkim. 32 Mid-level engineers were sensitised on the cross-cutting issues of rural water supply schemes and water resource management in disaster and emergencies conditions and for all those areas which are prone to face such scenario in the country. The second training of 3 days focused on Issues, Challenges and Solutions in Spring based Water Supply Systems in which 38 mid-level Public Health Engineers participated.



Nyay Panchayat level Trainings on JJM to PRIs & VWSCs/ ASHAs & AWWs in 3 districts of Uttarakhand

KRC-HIHT has been conducting one day Jal Jeevan Mission (JJM) trainings since December 2022 for around 6540 functionaries including members of the Village Water sanitation committee (VWSC) and representatives of the Panchayati raj Institutions at Nyay Panchayat level of 109 Nyay Panchayat of all three districts; Dehradun, Haridwar and Rudrapur of the State in collaboration with State Water and Sanitation Mission (Department of Drinking Water and Sanitation) Govt. of Uttarakhand.

Till date 26 batches have been conducted for all the three districts and 1518 participants have been trained and oriented towards the JJM program, its components and the need of realizing their important role and community participation.

Sanitation and Hygiene Program in Odisha

Since 2019, the Rural Development Institute (RDI) has been supporting Gurukul Navprabhat Vedic Vidyapeeth in Odisha with its sanitation initiatives. As part of this collaboration, several capacity-building activities were organized for the Gurukul staff. Initially, a group of four staff members participated in a 3-day training program at RDI, which covered key aspects of sanitation, hygiene, menstrual hygiene management (MHM), and rural development.

Following this, RDI teams visited Odisha to conduct various activities at the Gurukul and its outreach areas. These activities included sessions on community mobilization, water conservation, water quality management, sanitation, hygiene practices, environmental awareness, behaviour change, and personality development. To further support the program, resource materials such as Saafkins, informational booklets (Pani ki Kahani), and sports equipment were distributed. The program was successfully concluded in 2022, leaving a



positive impact on the Gurukul and its surrounding communities.



Rural India Supporting Trust (RIST) Initiatives

Under RIST funding the water supply schemes in Pauri and Haridwar were completed through community- driven approach and their active mobilization. Stakeholders in village including Village Water Sanitation Committee (VWSC) were enabled to take care of operation and maintenance of the scheme.

Schemes at Pauri district

In village Talla Bhanas, water supply scheme from spring through gravity and solar pumping is completed and all private connections for 81 household and distribution work of water supply scheme is completed. In village Tasila Malla, all work of private connections for 29 household and distribution is completed of Solar Pumping Water Supply Scheme. Water supply scheme from spring is being implemented.



In village Malethi malli and Talli, all of distribution work of pipeline and private connections for 51 household of water supply scheme from spring through gravity is completed. In village Kota Talla, all of distribution work of pipeline and private connections of water supply scheme from spring through gravity is completed. This scheme is for 68 household.

In Toli village, Solar Pumping Water Supply Scheme from spring through gravity is completed including construction of 14 RWHTs. This scheme is for 34 household.

In Moli village, 6 RWHTs were facilitated for 34 households.



Schemes in village Jasvawala of Bahadarabad block of Haridwar district.

Overhead Tank of 175 KI capacity is completed. Around 500 private connection distributions are completed wherein functional taps were installed in individual household including school, Panchayat Ghar and other alike community utilities of the village.



Construction of Spring-shed management interventions

Various Spring-shed management interventions have been undertaken to augment and recharge water sources. These interventions include plantation/check dams/recharge pits/soil & water conservation structures, which have been constructed to protect the streams/springs and ensuring required flow in source. Village-wise status is as follows:

SN	Village	Work done
1.	Toli	PI-300, PP-200, GCD-18, CT-300
2.	Moli	PI-200, PP-50, GCD-2, CT-100,
3.	Kota Talla	PP-100, GCD-30, CT-300
4.	Malethi Malli & Talli	PP-200, LBCD-122, CT-1000



5.	Tashila Malla	PP-300, CT-500
6.	Talla Banash	GCD-10
PI: Plantation, PP: Percolation Pit, GCD: Gabian Checkdam, CT: Contour Trench, LBCD: Loose boulder check dam, GP: Gully Plug, DRP: Deep recharge pit		

Implementation of Sanitation (Individual & Community) Facility

This activity aimed to cover all the rural families to make village Open Defecation Free, accordingly implementation towards individual and community toilets have been done to make village open defecation free. A duly completed household sanitary latrine comprised of a toilet unit including a super structure has been facilitated. Following work has been implemented in villages:

Special care for high-risk cases

The efforts made to address high-risk pregnancies as part of a maternal and child health program by SRHU. Special care was provided to 156 pregnant women identified as high risk during the reporting period, with a focus on early identification and comprehensive support.

Key interventions included

- Early Screening: ASHAs
- Transport facility provided to pregnant women



- (Accredited Social Health Activists) received special training to recognize signs and symptoms of high-risk pregnancies for timely intervention.
- The women were provided with transportation, diagnostic tests, treatment, and nutrition supplements.
- Pregnant women with hemoglobin levels below 7 gm were given nutrition kits to help improve their health.



- For those facing financial barriers, transport to higher level health facilities was arranged.
- ASHAs and field supervisors maintained close monitoring throughout pregnancy and the postpartum period to ensure access to necessary services and support.



SUSTAINABLE DEVELOPMENT GOALS



RESPONSIBLE CONSUMPTION AND PRODUCTION

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1. Curriculum Enrichment

Out of a total of **1134** courses offered across various disciplines, **58** courses are specifically designed to align with SDG 12: Responsible Consumption and Production. These courses are designed to enhance students' understanding to save resources and foster the culture for responsible consumption for the betterment of environment. The University emphasizes the significance of green practices and environmental conservation through various courses integrated into its academic programs. The Course, in particular, enables students to engage with the community, identify sources of pollution, and propose effective management systems. Additionally, students are encouraged to raise awareness among community members about pollution control measures and the importance of maintaining a clean and green environment.

2. Research Initiatives

Aligned with Sustainable Development Goal 12, the University undertakes innovative research to ensure the availability and sustainable management of energy, water and waste. Key initiatives include developing advanced water purification technologies and low-cost wastewater treatment solutions to improve water quality and accessibility. Researchers focus on creating efficient water recycling systems and sustainable irrigation practices to optimize water usage in agriculture and urban settings. Studies on the impact of climate change on water resources guide adaptive strategies for conservation and management. The University also explores the integration of smart technologies for real-time water quality monitoring and leakage detection, enhancing the efficiency of water distribution systems. By collaborating with government agencies, industries, and international organizations, the University contributes to innovative solutions that address water scarcity, pollution, and sanitation challenges, fostering sustainable development and resilience in water management.

3. Research Projects

The University provides research funds to promote the research for conduction of research ([Intramural-Projects-Ongoing-2023.pdf](#)). To name a few intramural projects funded by the university are:



S. No.	Name of the project	Duration of the project	Name(s) of the teacher(s) working in the project receiving seed money	The amount of seed money provided (INR in lakhs)	Year of receiving the seed money
1.	Demineralized Water Consumption: Unravelling Current Trends and Health Effects (Research article)	06 Months	Dr. Nupur Joshi, Dr. Nikku Yadav, Dr. Ashutosh Kumar Choudhary, Dr. Deep Shika, Ms. Shweta Samant	0.3	Till December 2023
2.	Emerging threats in Aquaculture: Bibliometric Analysis of Aeromonas spp. as an emerging pathogen	04 Months	Nupur Joshi, Dr. Geeta Bhandari, Dr Archana Dhasmana, Dr Vikash Singh Jadon, Dr. Sanjay Gupta	0.15	Till December 2023
3.	Roof Top Rain Water Harvester	09 Months	Dr. H.P. Uniyal	0.3	Till December 2023

The University actively secures extramural funding from national agencies to support research and initiatives aligned with Sustainable Development Goal 12 (SDG 12). These funds facilitate the development and implementation of projects aimed at improving water accessibility, quality, and sustainability. Extramural funding enables the University to establish state-of-the-art infrastructure, such as advanced water treatment and recycling facilities, and to conduct impactful research on innovative technologies for water purification, wastewater management, and groundwater recharge. Collaborative projects supported by these funds focus on addressing pressing issues such as water scarcity, pollution, and sanitation in rural and urban settings. Additionally, funding is utilized to organize community outreach programs, capacity-building workshops, and awareness campaigns that promote sustainable water usage and hygiene practices.

4. Research Publications:

The University is committed to advancing Sustainable Development Goal 12 (SDG 12) through



high-quality research and scholarly contributions. Faculty and researchers regularly publish their findings in peer-reviewed journals, highlighting innovative solutions for water and sanitation challenges. These publications address critical issues such as water purification technologies, wastewater treatment, rainwater harvesting, groundwater management, and the impact of climate change on water resources ([Scopus - Swami Rama Himalayan University](#)).

- Bhandari, G., Chaudhary, P., Gangola, S., ...Rafatullah, M., Chen, S. A review on hospital wastewater treatment technologies: Current management practices and future prospects, *Journal of Water Process Engineering*, 2023.
- Harish, V., Sharma, R., Rana, G., Nayyar, A. Artificial Intelligence in Sustainable Education: Benefits, Applications, Framework, and Potential Barriers, *The Role of Sustainability and Artificial Intelligence in Education Improvement*, 2023.
- Gupta, A.K., Pratiksha,, Das, T., ...Ranjan, R., Mishra, S. Novel food materials: Fundamentals and applications in sustainable food systems for food processing and safety, *Food Bioscience*, 2023.
- Dhillon, N., Gupta, S., Kumar, V., Bhandari, G., Arya, S. Energy from Waste: *Poteroochromonas malhamensis* Used for Managing Dairy Effluent and Producing Valuable Microalgal Lipid, *Journal of Pure and Applied Microbiology*, 2023.
- Naik, B.S.S.S., Vijay, K., Gupta, A.K. Valorization of tender coconut mesocarp for the formulation of ready-to-eat dairy-based dessert (Kheer): Utilization of industrial by-product, *Journal of Agriculture and Food Research*, 2023.
- Bhandari, G., Dhasmana, A., Chaudhary, P., Malik, S., Sláma, P. A Perspective Review on Green Nanotechnology in Agro-Ecosystems: Opportunities for Sustainable Agricultural Practices & Environmental Remediation, *Agriculture (Switzerland)*, 2023.
- Bhandari, G., Chaudhary, S., Gupta, S., Gangola, S. Impact of Nanoparticles on Abiotic Stress Tolerance, *Advances in Nanotechnology for Smart Agriculture: Techniques and Applications*, 2023.



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- Rawat, G., Choudhary, R., Kumar, V.R. Microbial Biosurfactants and Their Implication Toward Wastewater Management, *Handbook of Environmental Chemistry*, 2023.
- Chandra, S., Kusum, A., Gaur, D.S., Chandra, H. Analytical and post analytical phase of an ISO 15189:2012 Certified cytopathology laboratory-a five year institutional experience, *Journal of Cytology*, 2022.

5. Reduced Energy Consumption

In the face of climate change and the increasing global concern for sustainable energy sources, the SRHU is taking the lead in adopting eco-friendly practices. One remarkable initiative in this direction is the installation of 1500 KW rooftop solar power plant at the SRHU campus. This eco-conscious move not only demonstrates the institution's commitment to a greener future, but also serves as an educational tool for students and the community. The solar plant significantly reduces the university's carbon footprint by reducing the reliance on fossil fuels, which in turn reduces greenhouse gas emissions. It also conserves water resources, as solar energy production requires minimal water compared to traditional power generation methods. The solar plant helps SRHU cut down on its electricity bills by producing energy on-site. This cost savings can be reinvested into educational initiatives and further sustainable practices on campus.

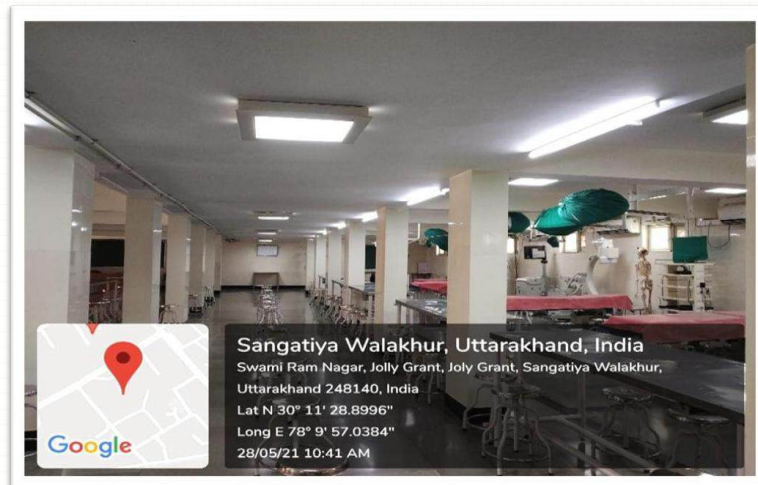
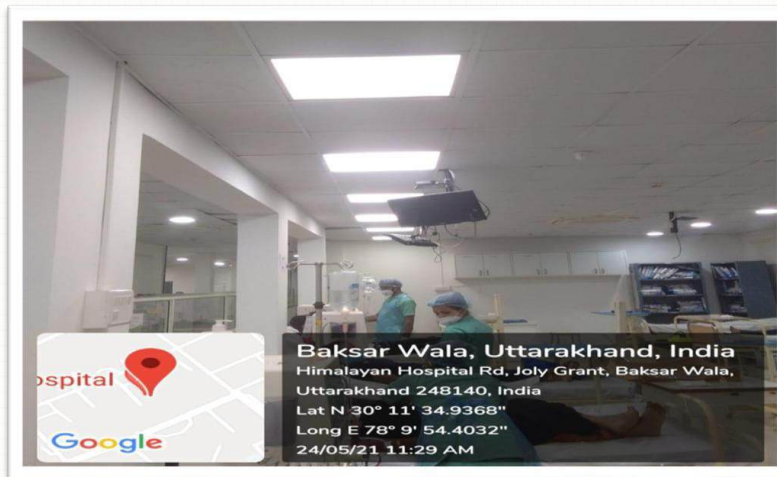
SRHU plans to expand its renewable energy initiatives by another 1000 KW. The agreement has been signed with M/S Bakshi Engineering works Dehradun for Roof top solar power plant.



View of Solar panels in the University promoting sustainable consumption and production

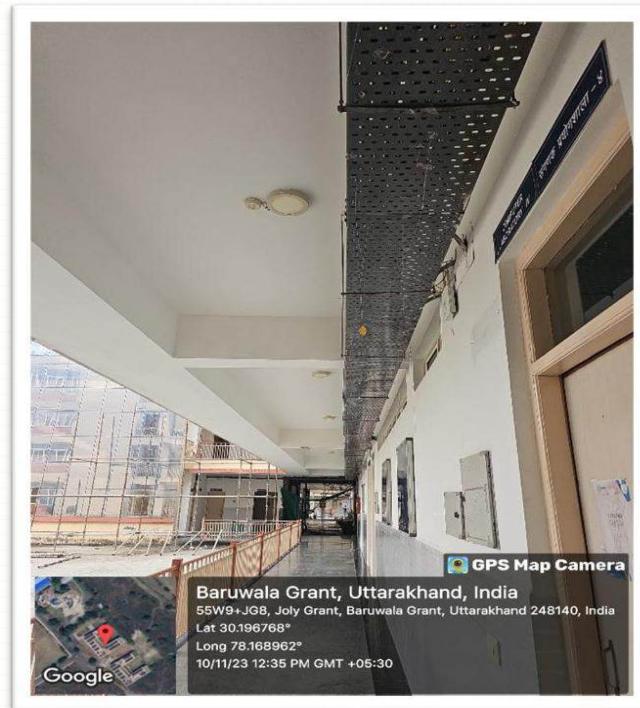
The University regularly arranges to reduce the consumption of electricity for lighting, air conditioning, lifts, water mining, instruments and other gadgets through various automated devices and strategies as follows:

One of the primary reasons for the widespread adoption of LED lights is their remarkable energy efficiency. Compared to traditional incandescent and fluorescent lighting, LEDs consume significantly less energy. In SRHU, this translates into reduced electricity consumption, contributing to lower energy bills and a diminished carbon footprint. LED lights consume up to 80% less electricity, making them an ideal choice for sustainable illumination across the campus. By replacing conventional lighting systems with LEDs, SRHU has managed to reduce its carbon emissions substantially. The lower energy consumption of LEDs results in fewer greenhouse gas emissions from power plants. This aligns with the university's commitment to environmental protection and sustainability, contributing to the global effort to combat climate change.



LED lights at various locations in the University with an aim to improve sustainability in terms of consumption

SRHU has also implemented smart lighting solutions powered by LEDs. These systems use sensors and automated controls to adjust lighting levels based on occupancy and ambient light conditions. Smart lighting minimizes energy waste by ensuring that lights are only active when and where they are needed. Such efficiency measures align with the SRHU's commitment to sustainability and resource.



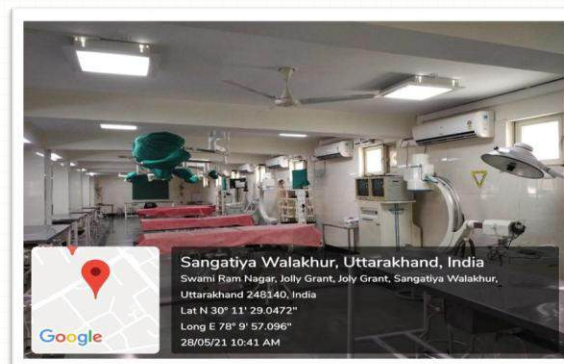
Motion sensor-based sensor LED lights for energy conservation

SRHU has embraced modern technology to enhance energy efficiency and comfort across its campus. One noteworthy advancement in this endeavor is the adoption of Brushless Direct Current (BLDC) fans. One of the primary reasons SRHU has chosen to employ BLDC fans is their exceptional energy efficiency. Compared to traditional AC fans, BLDC fans consume significantly less electricity while delivering the same or even superior airflow. This energy efficiency translates into substantial cost savings for the university, contributing to a more sustainable campus operation. BLDC fans are known for their durability and low maintenance requirements. Unlike traditional fans with brushed motors that may require frequent maintenance and replacement, BLDC fans have a longer lifespan and are less prone to wear and tear. This translates into reduced maintenance costs and less downtime for repairs.



Use of BLDC fan to conserve energy and promote efficient consumption

In the pursuit of creating a sustainable and environmentally conscious campus, SRHU has taken - rated air conditioners. This initiative not only aligns with SRHU's commitment to environmental responsibility but also offers numerous benefits in terms of energy efficiency, cost savings, and improved indoor comfort. The reduced energy consumption of BEE star-rated air conditioners results in lower electricity bills for SRHU. This financial benefit can be redirected toward other campus sustainability initiatives or academic programs



Installation of BEE rated AC for efficient power consumption



Use of battery Powered Vehicles

The primary benefit of integrating electric vehicles into the SRHU campus is the substantial reduction in greenhouse gas emissions. By replacing fossil fuel-powered vehicles with EVs, SRHU has significantly decreased its carbon footprint, contributing to a cleaner and healthier environment. Electric vehicles serve as an efficient means of transportation within the campus for faculty, and staff. Campus shuttles, maintenance vehicles. SRHU can provide charging infrastructure at strategic locations to encourage the adoption of EVs.



Battery Powered EV Vehicles for in house transport across the University campus

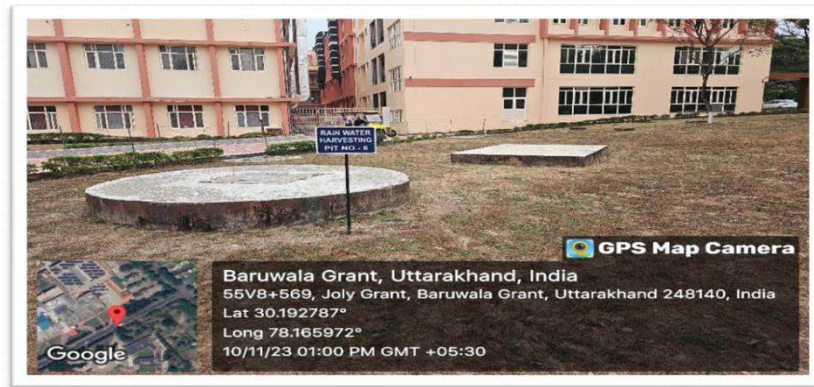
6. Water usage and Conservation

Water scarcity is a growing global concern, and as climate change continues to disrupt weather patterns, it is essential to explore innovative solutions to mitigate this issue. Rainwater harvesting is one such sustainable practice that holds the potential to address water shortages and reduce the burden on conventional water sources. Rainwater harvesting is a centuries-old technique that involves collecting and storing rainwater for various purposes, such as drinking, irrigation, and household use. The process typically includes the collection of rainwater from rooftops, followed by filtration and storage. This harvested rainwater can then be used for non-potable purposes, reducing the demand for freshwater sources.

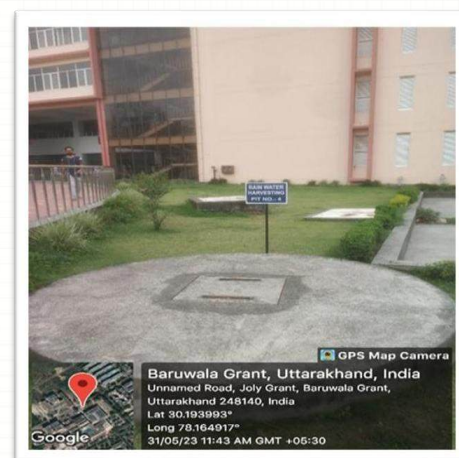
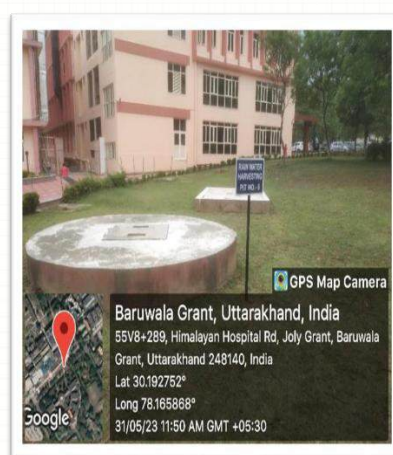
The rainwater is collected through the roof of the medical college building and stored in a 150 KL capacity underground water tank. This water is being utilized in medical college toilets and for cleaning purposes. On the SRHU campus, excess rainwater is allowed to percolate into the ground through infiltration wells



located at different places, numbering twelve. This helps replenish underground aquifers, contributing to sustainable groundwater management.



Rainwater harvesting pit near cardiac OPD



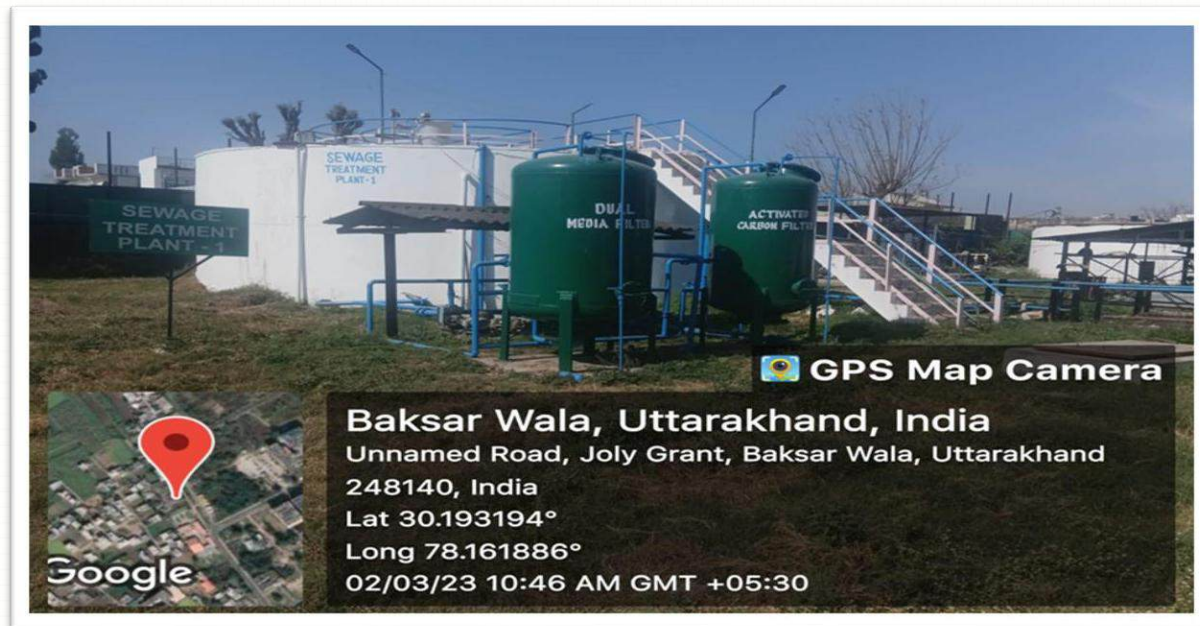
Groundwater recharge setup



7. Waste Management facility in the University

The sewage from the campus, including the hospital, undergoes treatment through an advanced Sewage Treatment Plant (STP) with a capacity of 1 MLD employing MBBR technology and extended aeration-activated sludge process. The treated water meets quality standards set by the state pollution control board and is used for irrigation in parks and green areas on campus, ensuring environmental compliance and sustainability. The university has prioritized sustainability with the establishment of a 90 KLD Effluent Treatment Plant (ETP) on campus. This plant addresses the significant daily wastewater generated from various campus activities, including laboratories and laundry. By treating this wastewater, SRHU mitigates environmental risks and ensures public health and campus aesthetics are maintained. The treated water is efficiently recycled for non-potable uses such as irrigation, conserving valuable freshwater resources and supporting SRHU's commitment to environmental stewardship.

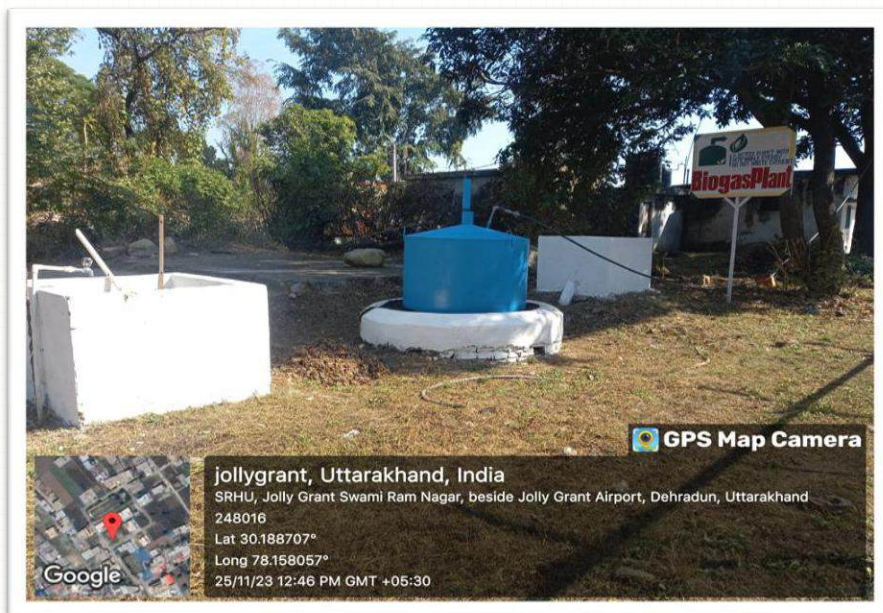




STP at SRHU promoting sustainable production and consumption



ETP p located at SRHU with an aim to treat effluent promoting sustainable environmental conservation



Biogas plant near University guest house

Liquid Waste Management Policy: ([View Document](#))

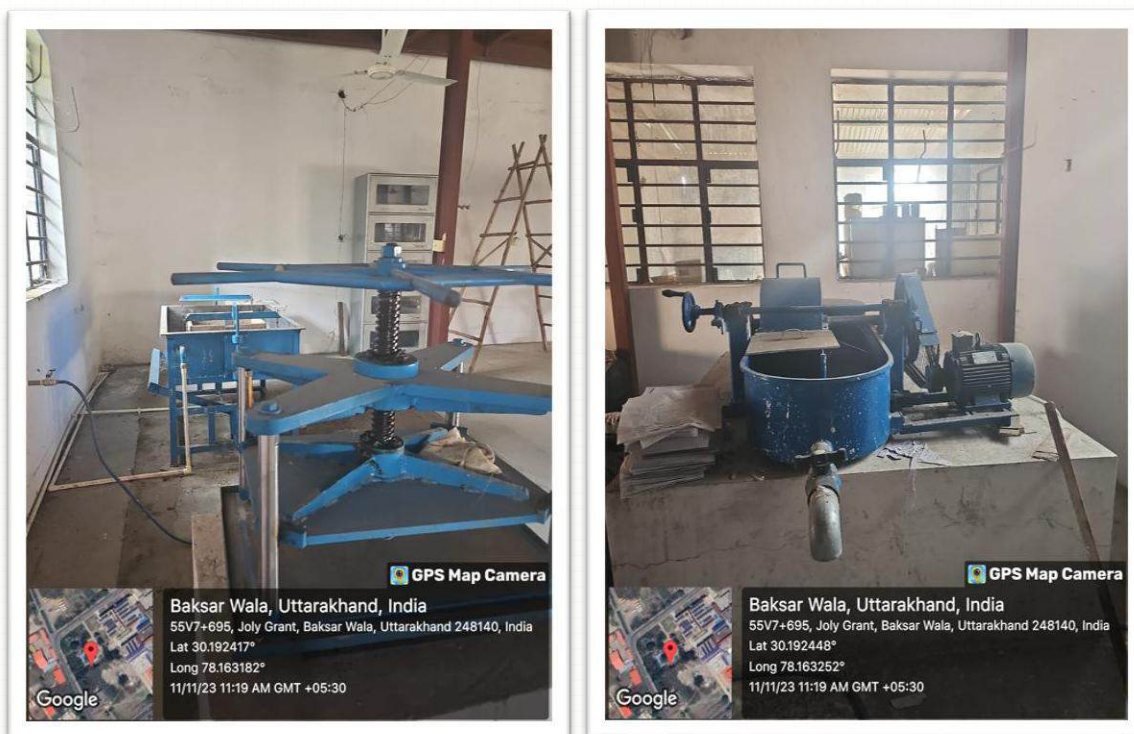
8. E-Waste Management

The E-Waste Store at SRHU serves as a dedicated facility for the proper disposal and recycling of electronic devices. Located conveniently on campus, it offers a hassle-free solution for students, faculty, and staff to dispose of their old and unwanted electronic equipment. The e-waste is duly approved by IT experts and issued by ensuring protection of data privacy concerns. The University has its policy to manage the e-waste through government approved vendors. The vendors are invited through store office and e-waste is handed over to dispose as per the rules and regulations issued by the government. The vendor submits a certificate of e-waste disposal to the University for official records.



9. Recycling of Paper/ Waste:

SRHU operates an 8 kg per day waste paper recycling plant on campus to manage paper waste from various offices and schools. Recycled handmade paper is used to create envelopes used within university offices. Additionally, biodegradable waste collected across the campus is processed in a compost pit to produce organic fertilizer for the university nursery and gardens. Furthermore, SRHU operates its own Bio-Gas plant near the university guest house, utilizing cow dung from the campus dairy and vegetable waste from the guest house kitchen to produce biogas for cooking and organic waste recycling purposes.



Waste paper recycling Unit

10. Ban on Use of Plastic

Plastic pollution poses a significant threat to ecosystems, wildlife, and human health. By reducing plastic consumption, SRHU is actively contributing to the protection of the environment. The production of plastics consumes valuable resources, including fossil fuels and water. A plastic-free SRHU conserves these resources and minimizes the carbon footprint associated with plastic production and disposal. Plastic pollution can result in various health hazards when plastics break down into microplastics, which may contaminate the food chain. A plastic-free SRHU promotes a healthier and safer campus environment. SRHU's commitment to a plastic-free campus serves as a valuable educational platform, raising awareness about the impacts of plastic pollution and the importance of sustainable alternatives.



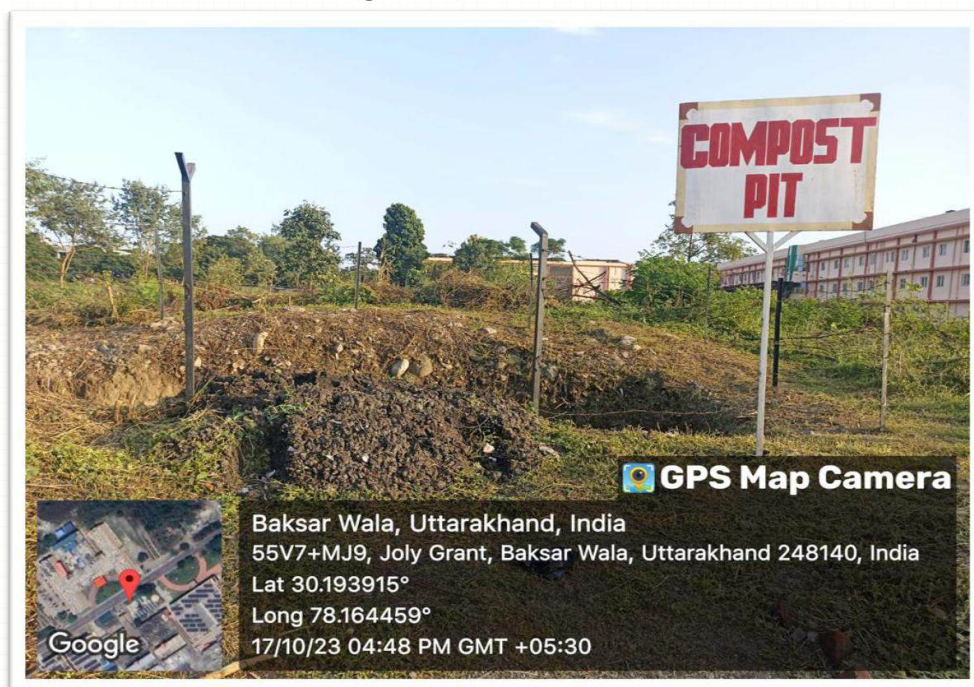
Signages promoting awareness amongst students and masses promoting minimal use of plastics

11. 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.



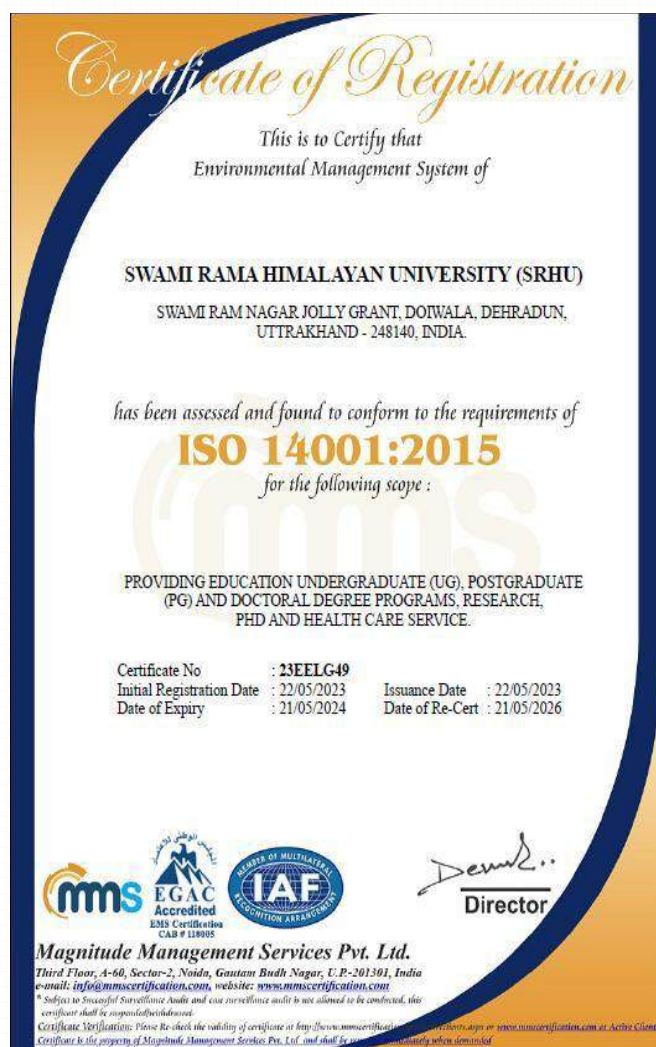
Collection of solid (general) waste from hostel and residential area



Compost pit located in campus for disposal of biodegradable waste



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 certification in its records.





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	


ECOSCIENCE CONSULTANCY
Lakshmi Vihar Colony, Bahadrapur
Haridwar, Uttarakhand- 249402
(Authorized Signatory)
Lead Auditor - Green & Environment Audits
Ecoscience Consultancy, Uttarakhand

Date: 21/07/2023





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

(2022-23)

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, Bahadrabad
Haridwar, Uttarakhand- 249402
Dr. Gurpreet Singh
(Authorized Signatory)
Lead Auditor – Green & Environment Audits

Date: 21/07/2023





SUSTAINABLE DEVELOPMENT GOALS



CLIMATE
ACTION

srhu.edu.in



1. Research and Innovation

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](#)).

- Negi, G.S., Mishra, A., Gupta, M.K., Saini, D.K.J.B., Joshi, K.P., Microgrid digital twins: concepts and their controlling through multi-agent systems, International Journal of High Performance Systems Architecture, 2023.
- Das, D.S., Saini, D.K.J.B., Joshi, K.P., ...Joshi, P., Yedage, S.L., Chameleon-ACO Hybrid: Optimizing Power-Efficient Clustering and Routing in Wireless Networks, Proceedings - 2023 3rd International Conference on Ubiquitous Computing and Intelligent Information Systems, ICUIS 2023, 2023.
- Rajput, V., Dhatwalia, V.K., Vlaskin, M.S., Nanda, M., Verma, M., Hydrothermal Liquefaction of Waste Agricultural Biomass for Biofuel and Biochar, Agriculture Waste Management and Bioresource: The Circular Economy Perspective, 2023.
- Malik, S., Kishore, S., Dhasmana, A., ...Minkina, T.M., Rajput, V.D., A Perspective Review on Microbial Fuel Cells in Treatment and Product Recovery from Wastewater, Water (Switzerland), 2023.
- Gupta, A.K., Pratiksha,, Das, T., Ranjan, R., Mishra, S., Novel food materials: Fundamentals and applications in sustainable food systems for food processing and safety, Food Bioscience, 2023.
- Bhandari, G., Dhasmana, A., Chaudhary, P., Malik, S., Sláma, P., A Perspective Review on Green Nanotechnology in Agro-Ecosystems: Opportunities for Sustainable Agricultural Practices & Environmental Remediation, Agriculture (Switzerland), 2023.

2. 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:

- Fundamentals of Environmental Science
- Introduction to Environmental
- Occupational, Nutritional and Genetic Epidemiology
- Community Medicine
- Environment and occupational epidemiology
- 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.

3. 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 certification in its records.



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	



ECOSCIENCE CONSULTANCY
Lakshmi Vihar Colony, Bahadrabad
Haridwar, Uttarakhand- 249402
Dr. Gurpreet Singh
(Authorized Signatory)
Lead Auditor – Green & Environment Audits
Ecoscience Consultancy, Uttarakhand

Date: 21/07/2023





Certificate of Registration

This is to Certify that
Environmental Management System of

SWAMI RAMA HIMALAYAN UNIVERSITY (SRHU)

SWAMI RAM NAGAR JOLLY GRANT, DOIWALA, DEHRADUN,
UTTARAKHAND - 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 : **23EELG-49**
Initial Registration Date : 22/05/2023
Date of Expiry : 21/05/2024

Issuance Date : 22/05/2023
Date of Re-Cert : 21/05/2026



Demul..
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 case 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.com> or info@mmscertification.com or www.mmscertification.com at Active Client.
Certificate is the property of Magnitude Management Services Pvt. Ltd. and shall be returned immediately when demanded.



Swami Rama Himalayan University

NAAC A+



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

(2022-23)

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, Bahadrapur
Haridwar, Uttarakhand- 249402
Dr. Gurpreet Singh
(Authorized Signatory)
Lead Auditor - Green & Environment Audits

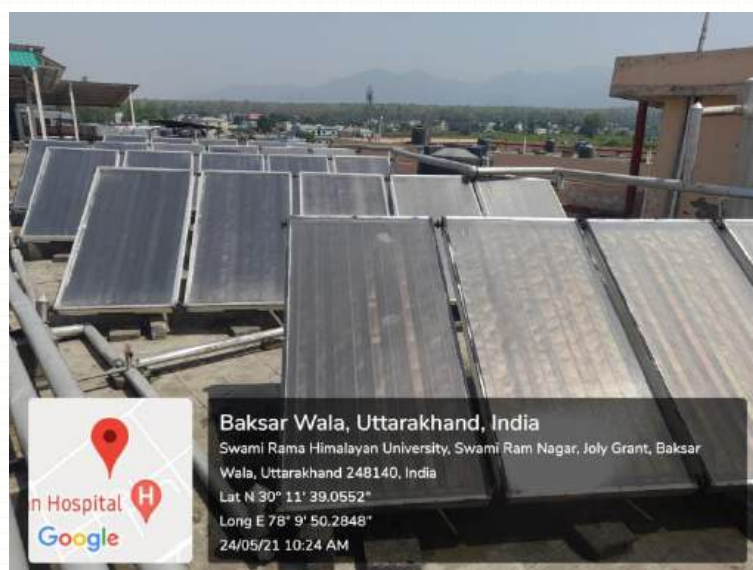
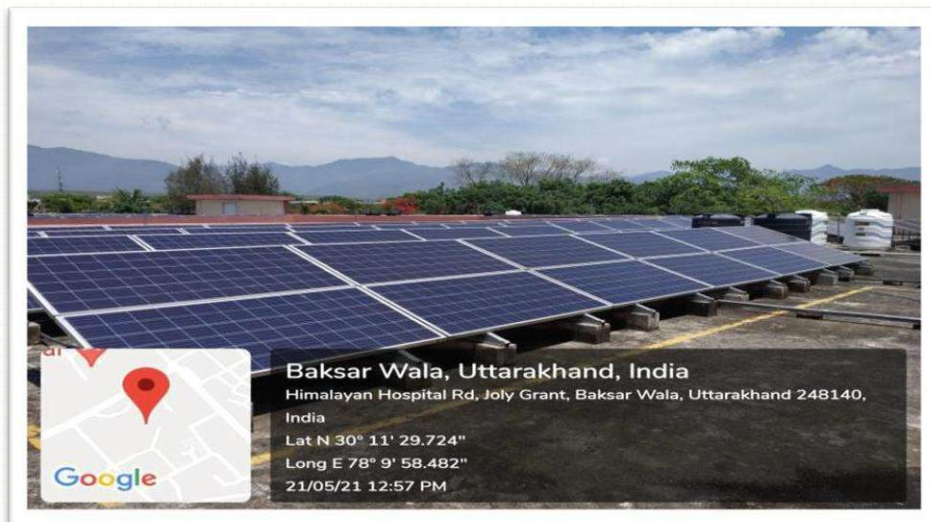
Date: 21/07/2023





4. 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.





Solar panels installed in the University aimed to reduce dependence on non-renewable energy resources

5. Energy Efficiency Initiatives at SRHU

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.

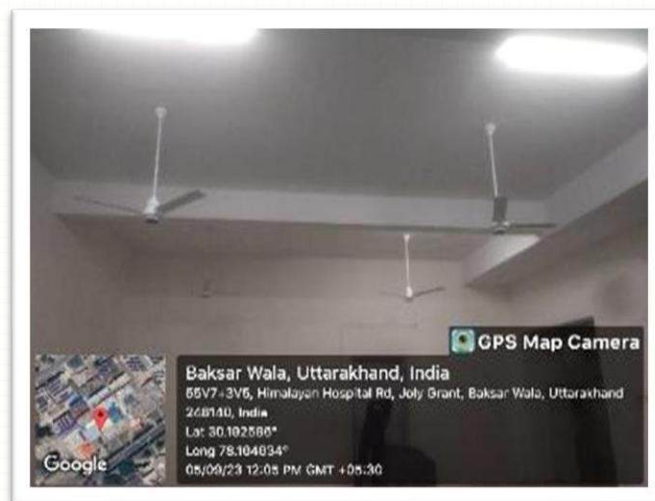


Energy efficient VFD driven pumps in central air conditioning

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.



Energy efficient BEE star rated ACs installed at various key locations



BLDC fans and led lights installed as energy conservation initiative in the campus

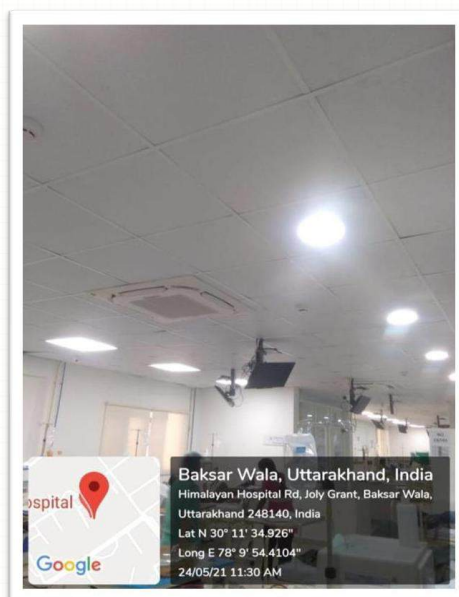
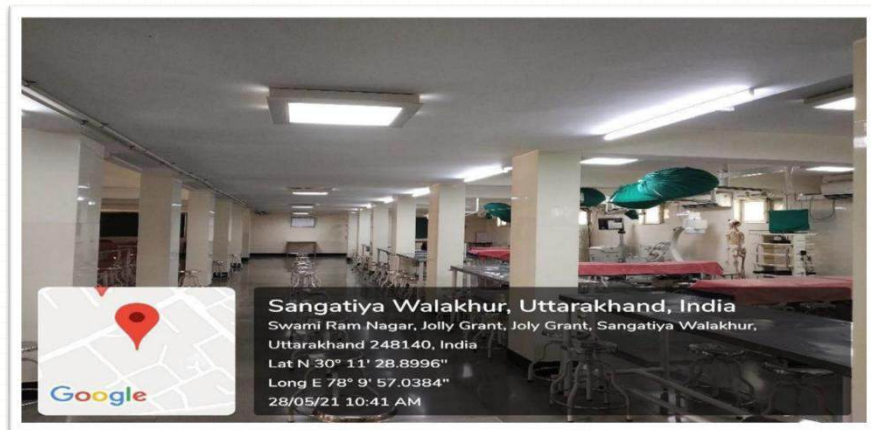
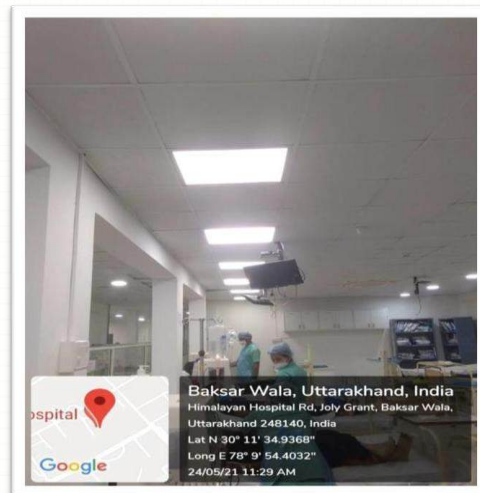


To instil responsible consumption message slips are placed near switches as reminder of user's responsibility



Swami Rama Himalayan University

NAAC A+



LED lights installed as an initiative to reduce load on non-renewable energy resources by efficient utilization



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.

6. Water Conservation Practices at SRHU

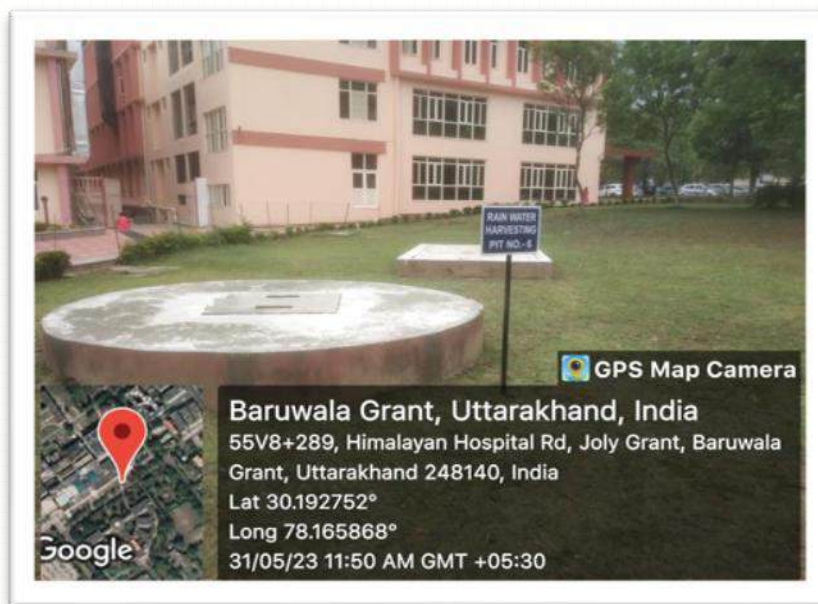
At SRHU, a robust set of water conservation initiatives is in place, aimed at reducing water usage, enhancing sustainability, and preserving precious water resources for future generations. The university has implemented various strategies, including rainwater harvesting, groundwater recharging, the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



Underground water storage tank



Rainwater harvesting pit near cardiac OPD

Waterless Urinals

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

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 collection provision which can be utilized for cleaning purposes



Awareness Campaigns

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

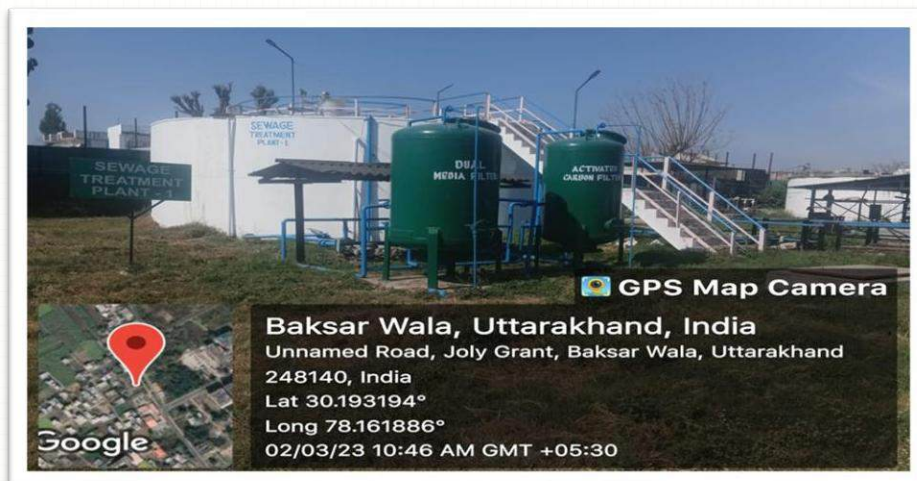
Grey-water Recycling

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 at SRHU



Effluent treatment Plant at SRHU

7. Waste Management and Circular Economy



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.



Waste segregation is practiced in the University by installation at colour coded bins at various key locations

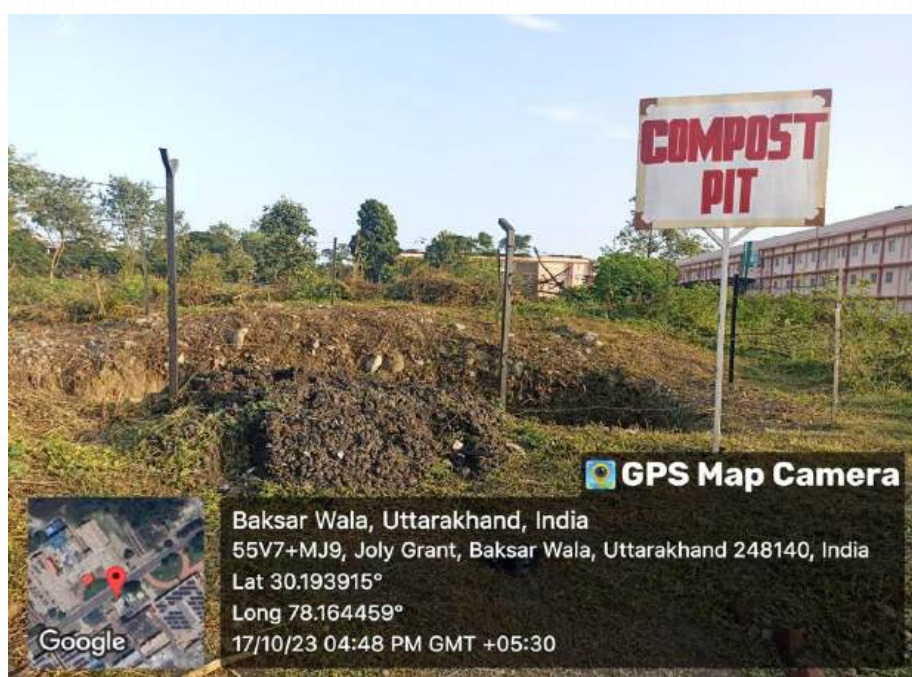




Colour coded bins placed at University gardens to promote waste segregation

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.



Compost pit at SRHU with aim to process biodegradable waste

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.



8. 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.



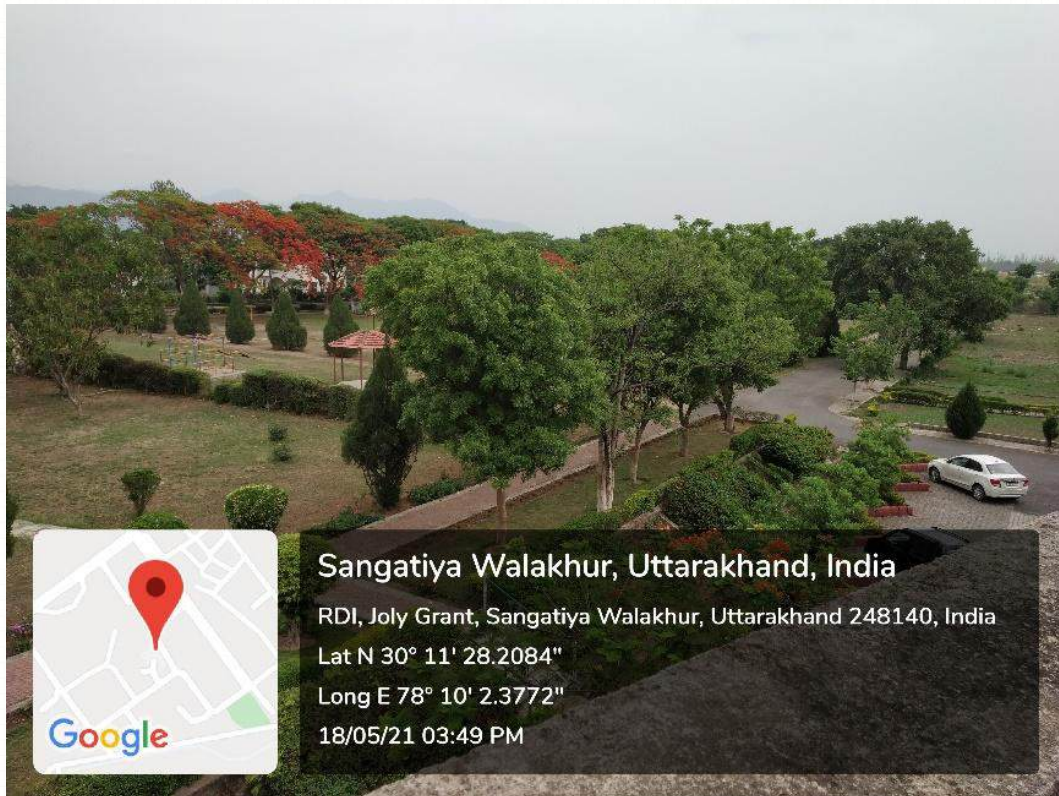
Battery powered vehicles for in-house transportation across University campus

9. 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).

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.





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.





10. Climate Action Events and Celebrations

The SRHU takes an active role in organizing Climate Action Events and Celebrations to raise awareness and encourage collective action for sustainability. The university commemorates global observances such as Earth Day, World Environment Day, and Environment awareness sessions through a variety of engaging activities that involve students, faculty, and staff. These initiatives include climate action campaigns, tree plantation drives, campus clean-up activities, and interactive workshops on environmental conservation and sustainable living. SRHU also fosters meaningful dialogue on climate action through seminars, exhibitions, and student-led projects, creating a vibrant platform for education and collaboration. By empowering its community to participate in these efforts, SRHU strengthens its commitment to global climate action and sustainable development. Details of these organized activities are outlined below

ACTIVITY 1

Name of the activity: Session on 'Environmental responsibilities & Sustainability to mitigate Climate Change'

Date: 14th Sept. 2022

Time: 9:30 am onwards

Venue: Auditorium, Himalayan School of Science and Technology, SRHU

Delivered by: Dr Ashutosh Kumar Choudhary, Department of Applied Sciences & Humanities, HSST

Himalayan School of Science and Technology (HSST) organized the Induction Programme for the newly admitted students to BCA, B. Tech, B. Sc. Data Science and MCA for academic session 2022-23 from 12th September, 2022 to 14th September, 2022. On day three (14th Sept. 2022) was opened by a session from Dr. A. K. Choudhary on the '**Environmental responsibilities & Sustainability to mitigate Climate Change**'. 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 climate change mitigation.



Session on 'Environmental responsibilities & Sustainability to mitigate Climate Change'

ACTIVITY 2

Name of Activity: Forum on Sustainable Development: Securing a Resilient Future: Sustainability in Reference to Uttarakhand (Under the Banner of G-20 Summit)

Date: May 31, 2023

Venue: Adi Kailash auditorium, SRHU

The Himalayan School of Biosciences, a constituent unit of Swami Rama Himalayan University, organized a one-day '**Forum on Sustainable Development: Securing a Resilient Future: Sustainability in Reference to Uttarakhand**', on May 31, 2023. The forum was organized in reference to the G-20 Summit to contribute to the ongoing discourse on sustainable development in the Himalayas and help identify new approaches and strategies to tackle the challenges posed by climate change. It focused on climate change adaptation, ecosystem services, renewable energy, community-based conservation, and sustainable tourism. The keynote speakers included Dr. K.K. Pant, Director of the Indian Institute of Technology, Roorkee; Dr. Rajendra Dobhal (Director, Strategic Planning, Research, and Development, SRHU); and Dr. C.S. Nautiyal (Scientific Advisor, SRHU).

Participants: Students and faculty members of different constituent colleges of SRHU



**Session on Sustainable Development: Securing a Resilient Future: Sustainability
in Reference to Uttarakhand (Under the Banner of G-20 Summit)**

ACTIVITY 3

Name of Activity: Celebration of World Environment Day-2023

Date: 5th June 2023

Venue: Himalayan School of Science & Technology, SRHU

In order to observe the World Environment Day-2023, the Himalayan School of Science & Technology (HSST) undertook two activities on 1st June and 5th June 2023. The objective was to create awareness about the environment and to inculcate sustainable consumption behavior.

The activities undertaken were as follows:

1. A workshop has been organized on “Sustainable practices to save environment” (Date: 1st June 2023, Venue: LT-2, Time: 10:30 AM).
2. Poster making activity based on the themes: Sustainable Development, Climate change, Sustainable practices, Avoid use of paper. (Date: 5th June 2023, Venue: Engineering Drawing Hall, Time: 10:30 AM).

In these activities, students of B.Tech (Computer Science & Engineering), BCA, and MCA programs, have participated and make the event successful.

Conducted by: Dr. A.K. Choudhary (Department of Applied Sciences & Humanities), HSST, Swami Rama Himalayan University, Dehradun.

No. of Participants: 45



Workshop delivered on 'Sustainable practices to save environment'



Display of Poster made by students on World Environment Day-2023

ACTIVITY 4

Name of Activity: Environmental Field visit (2022-23)

Date: 21st November 2022

Course: Environmental Sciences

Program: B.Sc. Biotechnology/Microbiology

Site: Sewage Treatment Plant, SRHU

To undertake the Environmental Sciences field visit which is a part of the curriculum, a visit



was organized for the students of B.Sc.(H.) Biotechnology and B.Sc. Microbiology I semester, Himalayan School of Bio-Science, to Sewage Treatment Plant (STP), Swami Rama Himalayan University, on 21st November 2022. The STP exists in SRHU campus premises and treats sewage/wastewater generated by Hospital, different academic units, hostel mess, and residential units. A total number of 40 students were taken for the field visit. The purpose of the visit was to demonstrate the process and setup of sewage treatment plant. It includes mainly primary sedimentation tank, aeration chambers, secondary sedimentation tank and sand/activated charcoal filters. The students also documented the physical characteristics of untreated and finally treated wastewater and asked queries about the process. For each of the findings, students were eagerly taking photographs which would help them in preparing the reports/assignments. It was a great learning experience for the students.



Students visit at Sewage Treatment Plant (STP), SRHU

ACTIVITY 5

Name of Activity: Environmental Field visit (2022-23)

Date: 15th & 23th December 2022

Program: BCA - I Semester **Course:** Environmental Studies

Site: Sewage Treatment Plant, SRHU



To undertake the Environmental Studies field visit which is a part of the curriculum, a visit was organized for the BCA I semester students of Department of Computer Science & Engineering, Himalayan School of Science & Technology (HSST) to Sewage Treatment Plant (STP), Swami Rama Himalayan University, on 15th & 23th December 2022. The STP exists in SRHU campus premises and treats sewage/wastewater generated by hospital, academic units, hostel mess, and residential units. A total number of 71 students were taken for the field visit in two groups. The purpose of the visit was to demonstrate the process and setup of sewage treatment plant. It includes mainly primary sedimentation tank, aeration chambers, secondary sedimentation tank and sand/activated charcoal filters. The students also documented the physical characteristics of untreated and finally treated wastewater and asked queries about the process. For each of the findings, students were eagerly taking photographs which would help them in preparing the reports/assignments. It was a great learning experience for the students.

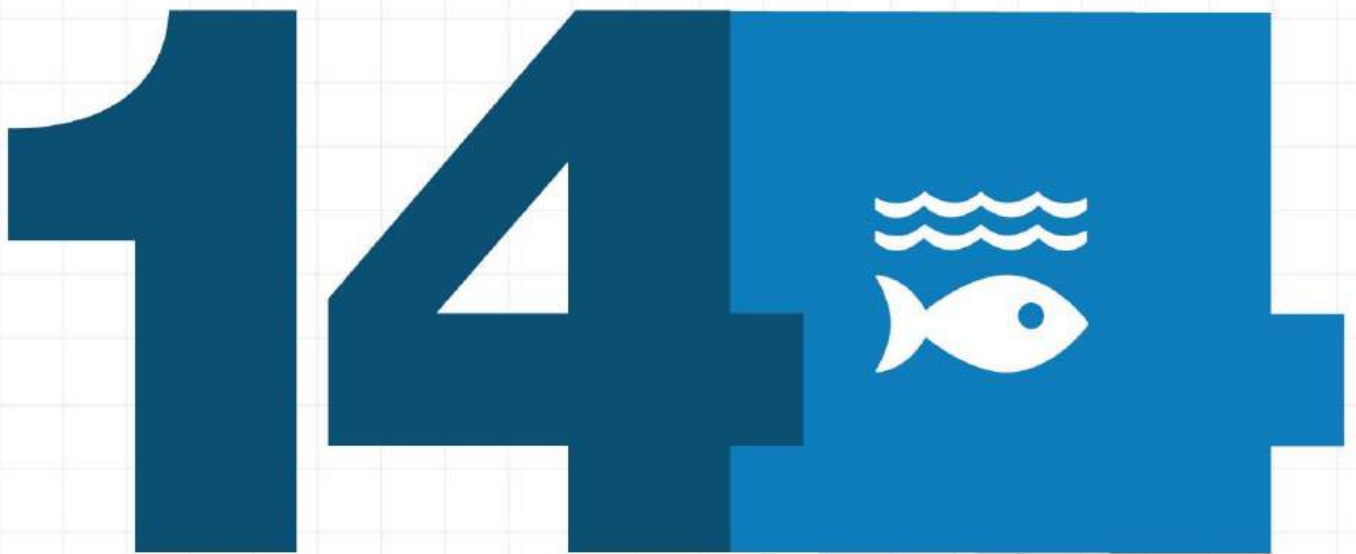


Students visit at Sewage Treatment Plant (STP), SRHU



**SUSTAINABLE
DEVELOPMENT GOALS**

SUSTAINABLE DEVELOPMENT GOALS



**LIFE BELOW
WATER**

srhu.edu.in



1. Research Initiatives

Swami Rama Himalayan University (SRHU) is dedicated to advancing Sustainable Development Goal 14 (SDG 14), which focuses on conserving and sustainably using oceans, seas, and marine resources. The University undertakes multidisciplinary research initiatives to address key challenges affecting marine and freshwater ecosystems, fostering innovative solutions for sustainable practices.

Marine Pollution Research: Studies focus on the sources, impact, and mitigation strategies for marine pollution, including microplastics and chemical contaminants. Researchers at SRHU develop eco-friendly solutions, such as biodegradable materials, to reduce waste entering aquatic ecosystems.

Sustainable Aquaculture: Research initiatives emphasize developing sustainable aquaculture practices to ensure food security while minimizing the environmental impact. This includes designing low-impact fish farming systems and exploring the use of organic feeds.

Water Conservation and Quality: SRHU is actively engaged in studying water quality in freshwater and coastal ecosystems. Projects focus on monitoring and improving water resource management practices, promoting sustainable use, and ensuring access to clean water for communities.

Biodiversity Preservation: Research programs aim to document and preserve aquatic biodiversity, focusing on endangered and economically significant species. Efforts also include restoring damaged habitats, such as mangroves and coral reefs, through innovative techniques.

Community-Centric Studies: SRHU integrates community involvement into its research, studying the socio-economic impacts of declining marine health and exploring alternative livelihoods for fishing-dependent communities.



2. Research Projects

The University provides research funds to promote the research for conduction of research ([Intramural-Projects-Completed-2022.pdf](#), [Intramural-Projects-Completed-2023.pdf](#)). To name a few intramural projects funded by the university are:

S. No.	Name of the project	Duration of the project	Name(s) of the teacher(s) working in the project receiving seed money	The amount of seed money provided (INR in lakhs)	Year of receiving the seed money
1.	Apparatus For Real- Time Videotaping and Still Image Capturing	12 Months	Dr. Vishal Rajput, Dr. Sanjay Gupta, Dr. Chandra Shekhar Nautiyal	0.3	2022-2023
	for Fish Behavioural Patterns				
2.	Development of Low- Cost Model for Efficient Treatment of Hospital Wastewater	12 Months	Dr. Geeta Bhandari	3.000	2022-2023
3.	Established of behavioural bio- indicators in freshwater stream fish against the specific neurotoxin	24 Months	Dr Vishal Rajput	4.000	2022-2023

The University actively secures extramural funding from national agencies to support research and initiatives aligned with Sustainable Development Goal 14 (SDG 14). These funds facilitate the development and implementation of projects aimed at improving water accessibility,



quality, and sustainability.

S.N o.	Title of the Project	Sanction ed order no.	Sanctioned date	Total Amount Sanctioned (In Lakh)	Amount Received (In Lakh) during the year	AU
1	Bioprocess Development for the Biological Removal of Iron from Subsurface Drinking Water	UBC/R&Dproject/2022/194	5.3.2022	16.36	6,86,710.00	Himalayan Institute of Medical Sciences
3	Bio-Prospecting of Microalgae for Biomass Production and Treatment of Hospital Wastewater	UCB/HLD/22/55	05-06-2022	9.75	8,69,161.00	Himalayan Institute of Medical Sciences

3. Research publications

Swami Rama Himalayan University (SRHU) contributes significantly to Sustainable Development Goal 14 (SDG 14) through research publications that address critical challenges in conserving aquatic ecosystems and promoting the sustainable use of marine resources. Researchers at SRHU publish in esteemed national and international journals, focusing on topics such as marine pollution, microplastic contamination, aquatic biodiversity, and sustainable fisheries. These studies explore the impacts of climate change on marine ecosystems, strategies for habitat restoration, and water quality management. Additionally, publications emphasize community-centred approaches and policy recommendations to protect marine life and enhance coastal resilience. By advancing knowledge and disseminating actionable insights, SRHU reinforces its commitment to fostering sustainable marine ecosystems and aligning with global sustainability goals.

- Rajput, V., Dhatwalia, V.K., Jaiswal, K.K., ...Kurbatova, A.I., Vlaskin, M.S. contaminants.



Algal Biotechnology, 2023

- Patel, N., Dhasmana, A., Kumari, S., ...Nayanam, S., Malik, S. Nanofiltration Applications for Potable Water, Treatment, and Reuse. Advanced and Innovative Approaches of Environmental Biotechnology in Industrial Wastewater Treatment, 2023

4. Key Initiatives taken under SDG 14 by RDI

Since year 1998, Rural Development Institute (RDI) of Himalayan Institute Hospital Trust (HIHT) has been working on its vision to enable water, sanitation and hygiene activities with the objective to deliver sustainable health and hygiene benefits through improvement in WATSAN services; thereby improving quality of life covering more than 550 villages till date. Projects are designed on approach of demand-responsive, need based and community-driven.

Capacity Building & Training of 11 Batches of Implementation Support Agencies (ISAs)

11 Batches of ISAs were trained by conducting two days capacity building and training program on Jal Jeevan Mission for each around 100 ISAs from June to October 2022 in residential mode under the aegis of State Water Sanitation Mission (Drinking Water & Sanitation Dept.) Uttarakhand wherein total 436 participants of these ISAs were trained covering all the 13 districts of Uttarakhand. Major objective of the training program was to inform and sensitize the participants towards the role and responsibilities of ISA along with to orient them about Jal Jeevan Mission Program in detail elaborating Program objective, its components, major strategies and approaches, importance and implication of participatory planning and community participation and ownership, financial provision and application of institutional framework and broadly and practically to build their capacity on participatory planning, implementation and operation and maintenance (O&M) for Har Ghar Jal for their role as ISA to Mission.





Capacity Building & Residential Training Programs towards JJM

Jal Jeevan Mission (JJM) is envisioned by the Government of India to provide safe and adequate drinking water to all households in rural India through individual household tap connections by the year 2024. The mission is also focused on to implement source sustainability measures as mandatory elements that include recharge and reuse through grey water management, water conservation and rainwater harvesting among the others. Extensive information, education, stakeholder training and communication are the key components of the mission. Key Resource Centers are nationwide recognized by the Ministry of Drinking Water and Sanitation with a mandate to undertake capacity building trainings of various stakeholders.

The participants appreciated the initiatives of the Institute for organizing a platform for the participants to share and discuss a variety of innovative approaches and methods to address the challenges of behavior changes at scale and diversity. Sharing, learning, adoption, and adaptation of these approaches is necessary to accelerate progress towards a clean rural India by the end of 2024. The training was very interactive and full of learning to them which came forward during informal interactions and discussions with them.





Details of the training programs conducted are being summarized as below.

Capacity Building & Training of Four Batches of mid-level Management Public Health Engineering Departments (PHEDs) Officials (Level 2)

Four training programs were conducted on issues, challenges and solutions in spring-based water supply systems and change management (role as public health engineers)

S N	Title of Training	State	No. of participa nts	Profile of Participan t
1.	Issues, Challenges and Solutions in Spring based Water Supply Systems	J& K, Himachal Pradesh, Manipur, Uttarakhand	27	Mid-level Public Health Engineers
2.		Himachal Pradesh, Assam, Sikkim, Kerala, Uttarakhand	25	
3.	Change Management (Role as Public Health Engineers) and Activities for Har Ghar Jal'	Uttarakhand	56	
4.	Training on WASH Services during Disaster and Emergencies'	Jammu & Kashmir, Himachal Pradesh, Rajasthan and Uttarakhand	26	
		Total	134	

Har Ghar Jal and WASH services during disaster and emergencies from Aug 2022 to January 2023 under the aegis of National Jal Jeevan Mission (Ministry of Jal Shakti).

The major objective of the program was to convey the attention of Public Health Engineers on the cross-cutting issues of rural water supply schemes and changing the mindset as per bottom- up approach and integrating participatory measures in their working process and water resource management in the country. The trainees were also sensitized on efficient water resource management in disaster and emergency situations.



Training Programs in Jammu & Kashmir and Sikkim: KRC-HIHT conducted four days training program at Kupwara and Rajouri district of Jammu & Kashmir under the aegis of National Jal Jeevan Mission supported by Department of Drinking Water & Sanitation, Ministry of Jal Shakti, Govt. of India. The theme of the program was to orient and to provide information to PRI's functionaries (viz. Sarpanch and ward members etc.) including members of the Village water Sanitation committee (VWSC) members of the water surveillance and monitoring committee of the local villages including volunteers from water, sanitation and health sectors from the same. 69 participants from the nearby villages of Kupwara district and 96 participants from the adjacent villages of Rajouri district attended the Program.



In Sikkim, the first training of 2 days was conducted on WASH Services during Disaster and Emergencies at Sikkim State of Corporative Union, (SICUN), Gangtok, Sikkim. 32 Mid-level engineers were sensitised on the cross-cutting issues of rural water supply schemes and water resource management in disaster and emergencies conditions and for all those areas which are prone to face such scenario in the country. The second training of 3 days focused on Issues, Challenges and Solutions in spring based Water Supply Systems in which 38 mid-level Public Health Engineers participated.

Construction of Spring-shed management interventions

Various Spring-shed management interventions have been undertaken to augment and recharge water sources. These interventions include plantation/check dams/recharge pits/soil & water conservation structures, which have been constructed to protect the streams/springs and ensuring required flow in source. Village-wise status is as follows:

SN	Village	Work done
1.	Toli	PI-300, PP-200, GCD-18, CT-300
2.	Moli	PI-200, PP-50, GCD-2, CT-100,
3.	Kota Talla	PP-100, GCD-30, CT-300
4.	Malethi Malli & Talli	PP-200, LBCD-122, CT-1000
5.	Tashila Malla	PP-300, CT-500
6.	Talla Banash	GCD-10
PI: Plantation, PP: Percolation Pit, GCD: Gabian Checkdam, CT: Contour Trench, LBCD: Loose boulder check dam, GP: Gully Plug, DRP: Deep recharge pit		



Swami Rama Himalayan University

NAAC A+



SUSTAINABLE DEVELOPMENT GOALS

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1. Tree Plantation Drives

As part of its commitment to environmental sustainability, Swami Rama Himalayan University (SRHU) has launched an extensive tree plantation initiative in collaboration with the **Namami Gange Programme**. This initiative has achieved the plantation of over **3,300 trees** along the campus periphery, demonstrating a strong alignment with **Target 15.1** of the SDGs, which emphasizes the conservation of freshwater ecosystems, including forests, wetlands, and river basins.



Key Highlights:

- To ensure ecological balance and enhance biodiversity, the initiative prioritized indigenous species such as **Amla, Jamun, Kachnar, Amaltash**, and **Sal**.
- These species are well-adapted to the local environment, requiring minimal external inputs, which makes the plantation self-sustaining over time.
- The trees act as a **carbon sink**, absorbing significant amounts of CO₂ and reducing air pollution in the region.
- The green belt contributes to maintaining soil fertility and reducing erosion, particularly in the **catchment area of the Ganga River**, directly aiding the protection of freshwater ecosystems.
- The shade and moisture provided by the trees foster an ideal microclimate, contributing to local environmental stability.



- The landscaped green spaces host a variety of **flora and fauna**, creating a haven for birds, insects, reptiles, and small mammals.
- The carefully curated plantation includes **flowering plants**, shrubs, and trees that attract pollinators like bees, butterflies, and birds, thereby supporting



2. Combatting Land Degradation and Desertification

Rainwater Harvesting

SRHU has implemented 12 rainwater harvesting pits across its 200-acre campus. These pits enable groundwater recharge, addressing land degradation caused by over-extraction of groundwater. Over **40 crore Liters of rainwater** are harvested annually, ensuring water availability while reducing soil erosion risks. [For more information](#)



Soil Conservation through Effluent Treatment

SRHU's **Effluent Treatment Plant (ETP)** (90 KLD capacity) treats wastewater, which is recycled for irrigation. This reduces the need for freshwater in landscaping and preserves soil quality by preventing contamination.



SRHU has a **600 KLD STP**, which treats wastewater generated on campus. The treated water irrigates the campus gardens and green areas, preventing untreated waste discharge into natural ecosystems and supporting sustainable land use.



Plastic-Free Campus

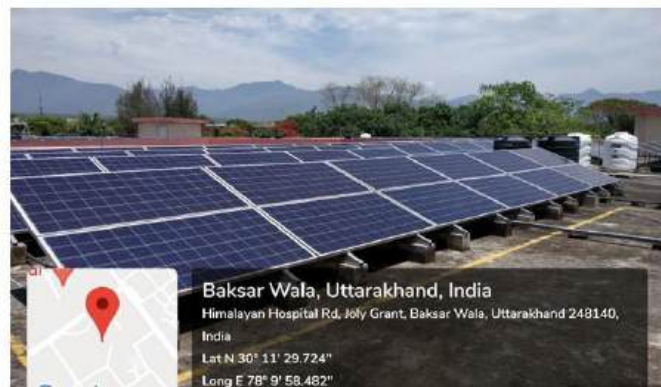
SRHU has implemented a plastic-free policy and established a **plastic bank** in partnership with the NGO Social Development for Communities Foundation. Approximately **800 kg of plastic waste** has been sent to the Indian Institute of Petroleum for recycling into diesel, reducing pollution and minimizing land degradation.



3. Integration of Renewable Energy and Sustainable Practices

Solar Power Initiatives

A **1500 KW rooftop solar power plant** installed across campus generates renewable energy, reducing the dependency on fossil fuels. Plans are underway to expand by an additional **1000 KW**, ensuring the campus meets 40% of its electricity needs sustainably.



Energy-Efficient Infrastructure

SRHU uses **LED lights**, **BLDC fans**, and **BEE star-rated air conditioners** to minimize energy consumption, thereby reducing emissions and the environmental footprint of campus activities.

4. Contribution to National and Global Efforts

Collaboration with National Initiatives

SRHU's collaboration with the Namami Gange programme highlights its commitment to national biodiversity conservation efforts. [For more information.](#)

The institution's recognition as a sector partner by the Ministry of Jal Shakti underscores its contribution to water and land conservation. [For more information](#)

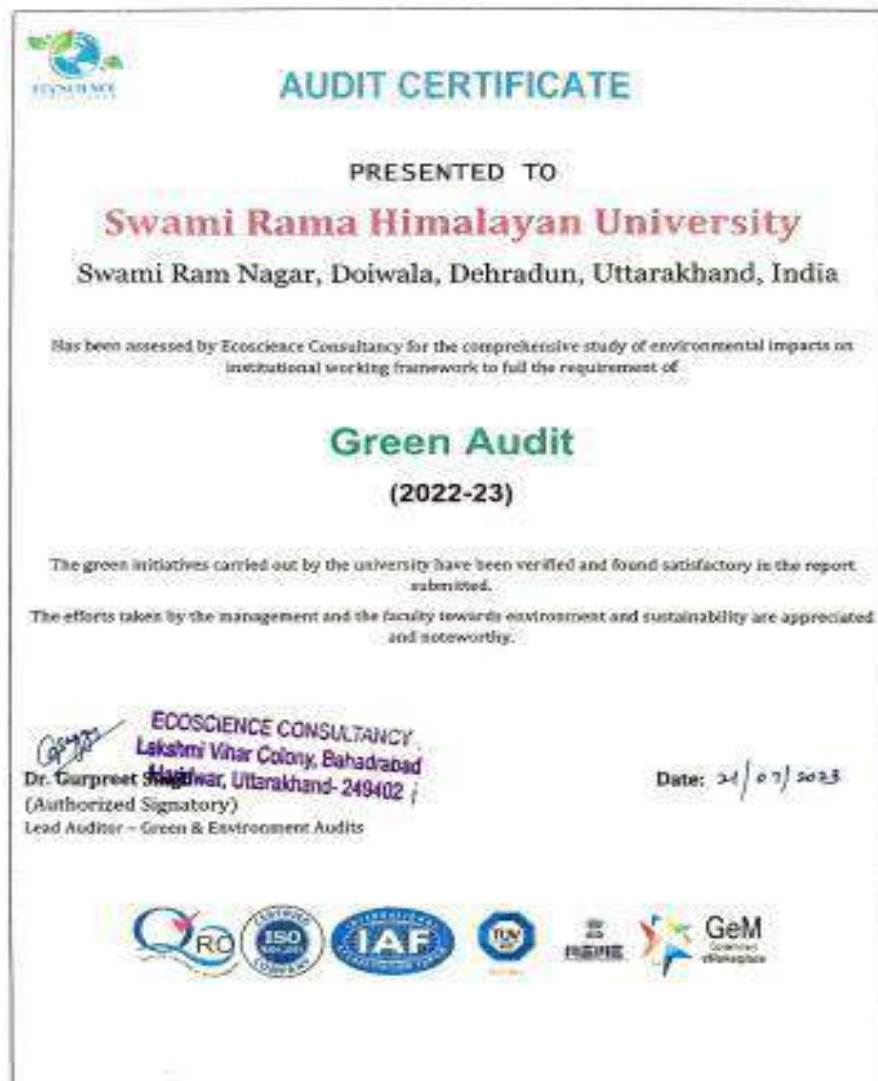
4. Certifications

Green Audit Certificate

Swami Rama Himalayan University (SRHU) has been honored with the Green Audit Award in recognition of its commitment to environmental sustainability. This esteemed award acknowledges the university's initiatives in advancing eco-friendly practices on campus, such



as efficient waste management, energy conservation, water usage optimization, and the promotion of green spaces. SRHU's dedication to sustainable development, minimizing its carbon footprint, and adopting eco-friendly technologies has been pivotal in earning this recognition, highlighting its role in promoting environmental awareness and responsibility within the academic community.





**SUSTAINABLE
DEVELOPMENT GOALS**

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1. Policies

1.1 CODE OF ETHICS

Swami Rama Himalayan University (SRHU) is deeply committed to fostering a culture of ethical excellence in all its academic, research, and operational endeavors. Rooted in the values of integrity, fairness, and respect, the University's ethics policy ensures adherence to the highest standards of ethical conduct among its faculty, staff, and students.

- Principles are:
 - **Integrity:** Upholding honesty and transparency in academic and administrative practices.
 - **Respect for Individuals:** Promoting a culture of mutual respect, inclusivity, and non-discrimination.
 - **Academic Honesty:** Ensuring originality and authenticity in all research, assignments, and examinations.
 - **Accountability:** Encouraging personal responsibility in fulfilling duties and obligations.
 - **Sustainability and Social Responsibility:** Supporting environmentally friendly practices and contributing positively to society.

By embedding these values into its framework, SRHU strives to nurture professionals who are not only competent but also ethically driven to serve humanity. ([Link for Policy](#))

1.2 POLICY FOR PREVENTION OF PLAGIARISM

Swami Rama Himalayan University (SRHU) is committed to maintaining academic integrity by preventing plagiarism in all scholarly and creative work.

- **Key Highlights:**
 - **Definition:** Plagiarism is the practice of taking someone else's work or idea and passing them as one's own.
 - **Scope:** Applies to all academic submissions, including theses, research papers, and project reports.
 - **Permissible Similarity Index:** Defined by the University's Institutional Academic Integrity Panel (IAIP).
- **Preventive Measures:**
 - Mandatory use of plagiarism detection software.
 - Regular awareness programs on ethical writing practices.
 - Strict adherence to accepted citation and referencing standards.



- **Consequences:**

- **Minor infringements:** Resubmission.
- **Major infringements:** Disciplinary actions, including suspension or degree revocation.
- **Appeals:** Avenues for appeal are also available

This policy ensures the originality and credibility of SRHU's academic and research outputs.

[\(Link for policy\)](#)

1.3 INTELLECTUAL PROPERTY (IP) POLICY OF SRHU

Swami Rama Himalayan University (SRHU) is committed to fostering innovation, creativity, and research excellence while ensuring the protection and equitable sharing of intellectual property (IP) rights.

- **Objectives:**

- Encourage innovation and research.
- Protect the rights of creators and inventors.
- Facilitate commercialization and societal benefit from IP.

- **Key Highlights:**

- **Ownership:** Defines ownership of IP created within the University.
- **Scope:** Covers all forms of intellectual property, including patents, copyrights, trademarks, industrial designs etc.
- **Support:** Provides assistance for IP protection, filing, and commercialization.
- **Revenue Sharing:** Ensures fair distribution of benefits from IP.
- **Dispute Resolution:** Establishes a framework to address IP-related conflicts.
- **Confidentiality:** Maintains strict confidentiality throughout the IP process.
- **Periodic Review:** Adapts the policy to evolving legal and technological landscapes.

By supporting and protecting intellectual property, SRHU aims to drive innovation, reward creativity, and contribute to societal progress. [\(Link for Policy\)](#)

1.4 RESEARCH PROMOTION POLICY

Swami Rama Himalayan University (SRHU) is committed to advancing research excellence by creating an enabling environment that encourages innovation, collaboration, and impactful research.



- **Key Features:**
 - **Encouraging Innovation:** Promotes research that addresses societal, scientific, and technological challenges.
 - **Capacity Building:** Supports skill development through training, workshops, and access to advanced resources.
 - **Funding Support:** Provides financial assistance for research projects, publications, and patents.
 - **Collaboration:** Encourages interdisciplinary and inter-institutional collaborations.
 - **Recognition and Incentives:** Acknowledges and rewards outstanding research contributions.
 - **Ethics and Integrity:** Ensures adherence to the highest ethical standards in research.
 - **Publication and Dissemination:** Facilitates sharing of research findings in reputed journals and conferences.
 - **Infrastructure Development:** Offers state-of-the-art facilities and resources to support cutting-edge research.

This policy reflects SRHU's commitment to fostering a vibrant research culture and contributing to global knowledge and innovation. ([Link for Policy](#))

1.5 POLICY AGAINST SEXUAL HARASSMENT

Swami Rama Himalayan University (SRHU) is committed to providing a safe, respectful, and inclusive environment free from sexual harassment for all students, staff, and faculty.

- **Key Features:**
 - **Zero Tolerance:** SRHU has a zero-tolerance approach towards any form of sexual harassment.
 - **Definition:** Sexual harassment is defined in line with relevant laws, and Supreme Court judgments.
 - **Scope:** Applies to all individuals on campus and during University-related activities off-campus.
 - **Reporting Mechanism:** Offers accessible channels for reporting incidents, ensuring complainants face no retaliation. A dedicated committee handles complaints in a confidential, impartial, and timely manner.
 - **Awareness and Training:** Regular sessions are conducted to educate stakeholders on preventing sexual harassment.



- **Disciplinary Action:** Proven cases result in strict actions, including warnings, suspension, or termination, as per University guidelines.
- **Support for Victims:** Provides counseling and other support services for affected individuals.

SRHU's policy ensures a safe and equitable environment, fostering dignity and respect for all. [Link for Policy](#)

1.6 POLICY FOR STUDENTS' COUNCIL

Swami Rama Himalayan University (SRHU) aims to empower students by establishing a Students' Council that promotes leadership, collaboration, and active participation in university governance and activities.

- Key Features:
 - **Purpose:**
 - Foster leadership, teamwork, and communication skills among students.
 - Provide a platform for students to voice their concerns and suggestions.
 - Encourage active participation in academic, cultural, and extracurricular activities.
 - **Composition:**
 - Representatives elected or nominated from each academic program and year.
 - Includes office bearers such as President, Vice President, Secretary, and Treasurer.
 - **Responsibilities:**
 - Act as a bridge between students and the administration.
 - Organize events, workshops, and awareness campaigns.
 - Address student concerns and work towards solutions in collaboration with university authorities.



- Code of Conduct:
 - Council members must uphold the university's values and policies.
 - Misuse of position or violation of rules may lead to disciplinary action.
- Term:
 - The tenure of the council is one academic year.

By fostering inclusivity, representation, and accountability, the Students' Council contributes to holistic development and strengthens the student community's voice at SRHU. ([Link for Policy](#))

1.7 POLICY FOR INTEREST FREE EDUCATIONAL LOAN / REFUNDABLE FINANCIAL ASSISTANCE

Swami Rama Himalayan University (SRHU) is committed to ensuring that financial constraints do not hinder students from accessing quality education. The University provides an interest-free educational loan facility to support deserving students.

- Key Features:
 - **Eligibility:** Available to students enrolled in full-time academic programs at SRHU. Applicants must demonstrate financial need and maintain satisfactory academic performance.
 - **Loan Amount:** Covers tuition fees for the second year onward.
 - **Repayment Terms:** Flexible repayment schedule, commencing after completion of the course or a defined grace period. No interest charged during the repayment period.
 - **Application Process:** Students must submit a detailed application, including financial documents and recommendations from relevant authorities. A review committee evaluates applications to ensure fair and transparent selection.
 - **Monitoring and Accountability:** Beneficiaries are required to maintain good academic standing and abide by University regulations. Regular reviews ensure that funds are utilized for the intended purpose.

This policy reflects SRHU's dedication to inclusivity and its mission to support students in achieving their educational aspirations. ([Link for Policy](#))



1.8 POLICY FOR SCHOLARSHIPS AND FEE CONCESSIONS FOR THE STUDENTS OF VARIOUS PROGRAMMES

Swami Rama Himalayan University (SRHU) is committed to promoting academic excellence and ensuring equitable access to education through scholarships and fee concessions for students across various programs.

- Key Features:
 - **Eligibility:** Scholarships and fee concessions are available to students based on merit, financial need, or specific categories such as socio-economic background, minority status, or exceptional talents.
 - Types of Scholarships:
 - **Merit-Based Scholarships:** Awarded to students with outstanding academic performance.
 - **Merit cum Means Scholarship for economically weaker section:** Granted to students demonstrating financial hardship.
 - **Special Scholarships:** For differently-abled students, transgender groups, or wards of defense personnel.
 - **Fee Concessions:** Partial or full fee waivers may be offered to eligible students under defined categories.
 - **Continuation of Benefits:** Scholarships and concessions are reviewed annually. Recipients must maintain the required academic performance and adhere to university policies to continue receiving benefits.
 - **Transparency and Fairness:** The selection process is transparent, with clear criteria communicated from time to time.

This policy underscores SRHU's commitment to fostering inclusivity and rewarding merit, ensuring that financial barriers do not impede a student's pursuit of education. ([Link for Policy](#))

2. Extension and Outreach Program

Detailed program report for each extension and outreach program (May 2022 – June 2023)



SN	Particular	Link
2023		
1.	Maternal Health Camp on 04 Jan 2023	View document
2.	Adolescent Friendly Clinic on 06 Jan 2023	View document
3.	Jal Jeevan Mission (JJM) on 07 Jan 2023	View document
4.	School Health Camp on 09 Jan 2023	View document
5.	Jal Jeevan Mission (JJM) on 10 Jan 2023	View document
6.	Adolescent Friendly Clinic on 16 Jan 2023	View document
7.	Learning Disability Clinic on 19 Jan 2023	View document
8.	Jal Jeevan Mission (JJM) on 22 Jan 2023	View document
9.	Adolescent Friendly Clinic on 23 Jan 2023	View document
10.	Jal Jeevan Mission (JJM) on 23 Jan 2023	View document
11.	Jal Jeevan Mission (JJM) on 24 Jan 2023	View document
12.	Training on WASH services during disaster and emergencies on 27 Jan 2023	View document
13.	School Health Camp on 03 Feb 2023	View document
14.	Menstrual Hygiene Training on 04 Feb 2023	View document
15.	Adolescent Friendly Clinic on 06 Feb 2023	View document
16.	Adolescent Friendly Clinic on 09 Feb 2023	View document
17.	Jal Jeevan Mission (JJM) on 10 Feb 2023	View document
18.	Maternal Health Camp on 11 Feb 2023	View document
19.	Adolescent Friendly Clinic on 13 Feb 2023	View document
20.	Jal Jeevan Mission (JJM) on 13 Feb 2023	View document
21.	Jal Jeevan Mission (JJM) on 15 Feb 2023	View document
22.	Jal Jeevan Mission (JJM) on 17 Feb 2023	View document



23.	Jal Jeevan Mission (JJM) on 21 Feb 2023	View document
24.	Learning Disability Clinic on 23 Feb 2023	View document
25.	Jal Jeevan Mission (JJM) on 24 Feb 2023	View document
26.	Training on WASH services during disaster and emergencies on 24 Feb 2023	View document
27.	Jal Jeevan Mission (JJM) on 25 Feb 2023	View document
28.	Training on issues, challenges and solutions in spring based water supply system on 27 Feb 2023	View document
29.	Comprehensive Primary Health Camp on 27 Feb 2023	View document
30.	Learning Disability Clinic on 02 March 2023	View document
31.	Free Eye Camps on 3 March 2023	View document
32.	Jal Jeevan Mission (JJM) on 03 March 2023	View document
33.	Free Eye Camps on 4 March 2023	View document
34.	Menstrual Hygiene Training on 04 March 2023	View document
35.	Jal Jeevan Mission (JJM) on 06 March 2023	View document
36.	Free Eye Camps on 10 March 2023	View document
37.	School Health Camp on 11 March 2023	View document
38.	Jal Jeevan Mission (JJM) on 13 March 2023	View document
39.	Jal Jeevan Mission (JJM) on 14 March 2023	View document
40.	Jal Jeevan Mission (JJM) on 15 March 2023	View document
41.	Jal Jeevan Mission (JJM) on 16 March 2023	View document
42.	Jal Jeevan Mission (JJM) on 17 March 2023	View document
43.	Jal Jeevan Mission (JJM) on 21 March 2023	View document
44.	Maternal Health Camp on 22 March 2023	View document
45.	Jal Jeevan Mission (JJM) on 23 March 2023	View document



46.	Jal Jeevan Mission (JJM) on 24 March 2023	View document
47.	World TB Day on 24 March 2023	View document
48.	Maternal Health Camp on 05 April 2023	View document
49.	School Health Camp on 08 April 2023	View document
50.	Free Eye Camps on 15 April 2023	View document
51.	Free Eye Camps on 18 April 2023	View document
52.	Menstrual Hygiene Training on 29 April 2023	View document
53.	Free Eye Camps on 1 May 2023	View document
54.	Adolescent Friendly Clinic on 12 May 2023	View document
55.	Comprehensive Package of service - TB elimination Programme on 12 May 2023	View document
56.	Maternal Health Camp on 17 May 2023	View document
57.	School Health Camp on 19 May 2023	View document
58.	Adolescent Friendly Clinic on 19 May 2023	View document
59.	Menstrual Hygiene Training on 20 May 2023	View document
60.	Adolescent Friendly Clinic on 25 May 2023	View document
61.	Free Eye Camps on 2 June 2023	View document
62.	Comprehensive Package of service - TB elimination Programme on 03 June 2023	View document
63.	School Health Camp on 09 June 2023	View document
64.	World Blood Donor's Day_14 Jun 2023	View document
65.	Comprehensive Package of service - TB elimination Programme on 17 June 2023	View document
66.	Comprehensive Primary Health Camp on 19 June 2023	View document
67.	Free Eye Camps on 22 June 2023	View document
68.	Comprehensive Package of service - TB elimination	View document



	Programme on 24 June 2023	
63.	School Health Camp on 09 June 2023	View document

2022		
S. No.	Particular	Link
7.	First Responder Training on 10 May 2022	View document
8.	School Health Camp on 13 May 2022	View document
9.	Maternal Health Camp on 18 May 2022	View document
10.	Learning Disability Clinic on 24 May 2022	View document
11.	World No Tobacco Day on 31 May 2022	View document
12.	Learning Disability Clinic on 02 June 2022	View document
13.	School Health Camp on 03 June 2022	View document
14.	Training and capacity building of implementation support agencies (ISAs) under JJM on 13 June 2022	View document
15.	Training and capacity building of implementation support agencies (ISAs) under JJM on 17 June 2022	View document
16.	Maternal Health Camp on 18 June 2022	View document
17.	Training and capacity building of implementation support agencies (ISAs) under JJM on 22 June 2022	View document
18.	Adolescent Friendly Health Clinic on 24 June 2022	View document
19.	Free Eye Camps on 29 June 2022	View document
20.	Training and capacity building of implementation support agencies (ISAs) under JJM on 27 June 2022	View document
21.	Training and capacity building of implementation support agencies (ISAs) under JJM on 01 July 2022	View document
22.	Training and capacity building of implementation support agencies (ISAs) under JJM on 06 July 2022	View document



23.	Training and capacity building of implementation support agencies (ISAs) under JJM on 11 July 2022	View document
24.	Learning Disability Clinic on 14 July 2022	View document
25.	School Health Camp on 15 July 2022	View document
26.	Training and capacity building of implementation support agencies (ISAs) under JJM on 15 July 2022	View document
27.	First Responder Training on 16 July 2022	View document
28.	Free Eye Camps on 17 July 2022	View document
29.	Maternal Health Camp on 20 July 2022	View document
30.	Menstrual Hygiene Training on 23 July 2022	View document
31.	Training and capacity building of implementation support agencies (ISAs) under JJM on 29 July 2022	View document
32.	Menstrual Hygiene Training on 30 July 2022	View document
33.	Free Eye Camps on 1 August 2022	View document
34.	Maternal Health Camp on 03 August 2022	View document
35.	Learning Disability Clinic on 04 August 2022	View document
36.	Training and capacity building of implementation support agencies (ISAs) under JJM on 04 August 2022	View document
37.	First Responder Training on 09 August 2022	View document
38.	First Responder Training on 12 August 2022	View document
39.	School Health Camp on 12 August 2022	View document
40.	Free Eye Camps on 17 August 2022	View document
41.	Free Eye Camps on 25 August 2022	View document
42.	Menstrual Hygiene Training on 27 August 2022	View document
43.	Menstrual Hygiene Training on 29 August 2022	View document
44.	Training on issues, challenges and solutions in spring based water supply system on 30 August 2022	View document



45.	Maternal Health Camp on 07 Sept 2022	View document
46.	Learning Disability Clinic on 08 Sept 2022	View document
47.	School Health Camp on 09 Sept 2022	View document
48.	Menstrual Hygiene Training on 10 Sept 2022	View document
49.	Menstrual Hygiene Training on 13 Sept 2022	View document
50.	Menstrual Hygiene Training on 17 Sept 2022	View document
51.	Learning Disability Clinic on 29 Sept 2022	View document
52.	Menstrual Hygiene Training on 01 Oct 2022	View document
53.	Training and capacity building of implementation support agencies (ISAs) under JJM on 12 Oct 2022	View document
54.	School Health Camp on 14 Oct 2022	View document
55.	First Responder Training on 18 Oct 2022	View document
56.	Maternal Health Camp on 19 Oct 2022	View document
57.	Learning Disability Clinic on 27 Oct 2022	View document
58.	Menstrual Hygiene Training on 29 Oct 2022	View document
59.	Free Eye Camps on 1 November 2022	View document
60.	Menstrual Hygiene Training on 05 Nov 2022	View document
61.	Free Eye Camps on 10 November 2022	View document
62.	Free Eye Camps on 15 November 2022	View document
63.	Learning Disability Clinic on 17 Nov 2022	View document
64.	School Health Camp on 18 Nov 2022	View document
65.	Training on issues, challenges and solutions in spring based water supply system on 24 Nov 2022	View document
66.	Menstrual Hygiene Training on 26 Nov 2022	View document
67.	Comprehensive Community Health Camp on 28 Nov 2022	View document



68.	Menstrual Hygiene Training on 03 Dec 2022	View document
69.	Free Eye Camps on 5 December 2022	View document
70.	Jal Jeevan Mission (JJM) on 08 Dec 2022	View document
71.	School Health Camp on 09 Dec 2022	View document
72.	Free Eye Camps on 10 December 2022	View document
73.	Jal Jeevan Mission (JJM) on 10 Dec 2022	View document
74.	Jal Jeevan Mission (JJM) on 12 Dec 2022	View document
75.	Jal Jeevan Mission (JJM) on 14 Dec 2022	View document
76.	Learning Disability Clinic on 15 Dec 2022	View document
77.	Maternal Health Camp on 17 Dec 2022	View document
78.	Training and capacity on Change management and activities for Har Ghar Jal on 20 Dec 2022	View document
79.	Jal Jeevan Mission (JJM) on 26 Dec 2022	View document
80.	Jal Jeevan Mission (JJM) on 27 Dec 2022	View document

3. Initiatives for Quality Education

Cadaveric Lab (only facility in Northern India): A Unique Practice for Enabling Improvised Healthcare Training Facilities for Medical Students and Surgeons of the University as well as other institutions.

Objectives

Medical programmes lay immense focus on improving anatomic knowledge for surgical procedures. Surgeons need a good understanding of anatomy to manage patients intra-operatively and postoperatively. Cadaveric workshops help in improving the surgical procedural skills without the stress of an operation theatre. The objective of the Cadaver lab is to provide a facility for improving procedural knowledge, understanding difficult anatomical relationships, and improving operative confidence for complex surgeries, further supporting the utility of simulation as a tool to help prepare trainees for independent practice through hands-on training.



Context

Cadaver is an important tool for medical education as it gives immense information forming the basis of knowledge for medical students. Until recently, cadavers were used for learning by dissection only during first year of medical education. Now, clinical students & clinicians and **doctors from other centers also** use cadavers for Self-Directed Learning with **near real situation**.

Training in surgical specialties, particularly operative skills is a complex task involving training, ethical issues, and patient factors. **Cadaveric skills lab is a cost-effective solution** for learning various operative procedures, critical steps and that too in almost identical ways it would be performed in living patients. Trainings on cadavers provide a comprehensive understanding of various topics through lectures, case discussions and cadaveric dissections. Learners get a chance to directly view important anatomical structures along with surgical approaches and implant placements. Hands-on training under direct supervision of expert faculty in simulated environments is an **innovative way of practical training**.

Practice

Initially, there were cadaveric workshops for internal postgraduate students in University with formalin fixed limbs. However, such cadavers failed to provide a life-like experience, and this led to the concept of soft cadavers with good joint flexibility. Over a period, we developed techniques of preservation which have now become the main strength of our unit.

Facility

We have a separate cold chamber for body preservation in the mortuary unit with 24x7 power backup and has storage racks to accommodate 16-20 cadavers in body-sealing bags at **temperatures of -17/-18 degrees centigrade**. We have sufficient soft cadavers, 4 operating stations with overhead OT lights and monitors along with facilities of video/ audio recording and LCD for transmission of surgeries. Also, we have two C-arms with good resolution of digital X-Ray plates and a high backup memory. There is an annexed Conference Hall to conduct Lectures and discussions with interactive live screen conferencing. There is adequate space to accommodate 50 delegates at any point of time. Proximity to the airport adds to our strength and makes our facility easily accessible to delegates.

University has collaborations with many academic and other organizations of national/ international repute as mentioned below:

- Indian Orthopaedic Association
- Stryker India Private Limited and Stryker Global Technology Center Private Limited
- Zimmer India Private Limited
- Medtronic India Private Limited
- Johnson & Johnson India



- Smith and Nephew Professional Education, Mumbai, India
- Asian Society of Mastology
- Sarcoma Education Foundation

Workshops conducted:

- Arthroplasty- Hip & knees, Primary and revision
- Arthroscopy- Basic & advanced
- Pelvis-Acetabular fracture fixation procedures
- Minimally invasive spine surgeries
- Thyroid surgeries
- Cosmetic surgeries on the nose and septoplasty
- Bronchoscopy surgeries and procedures
- Cryotherapy in pulmonology procedures
- Trauma procedures
- Gynecological surgical procedures



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**PARTNERSHIPS
FOR THE GOALS**

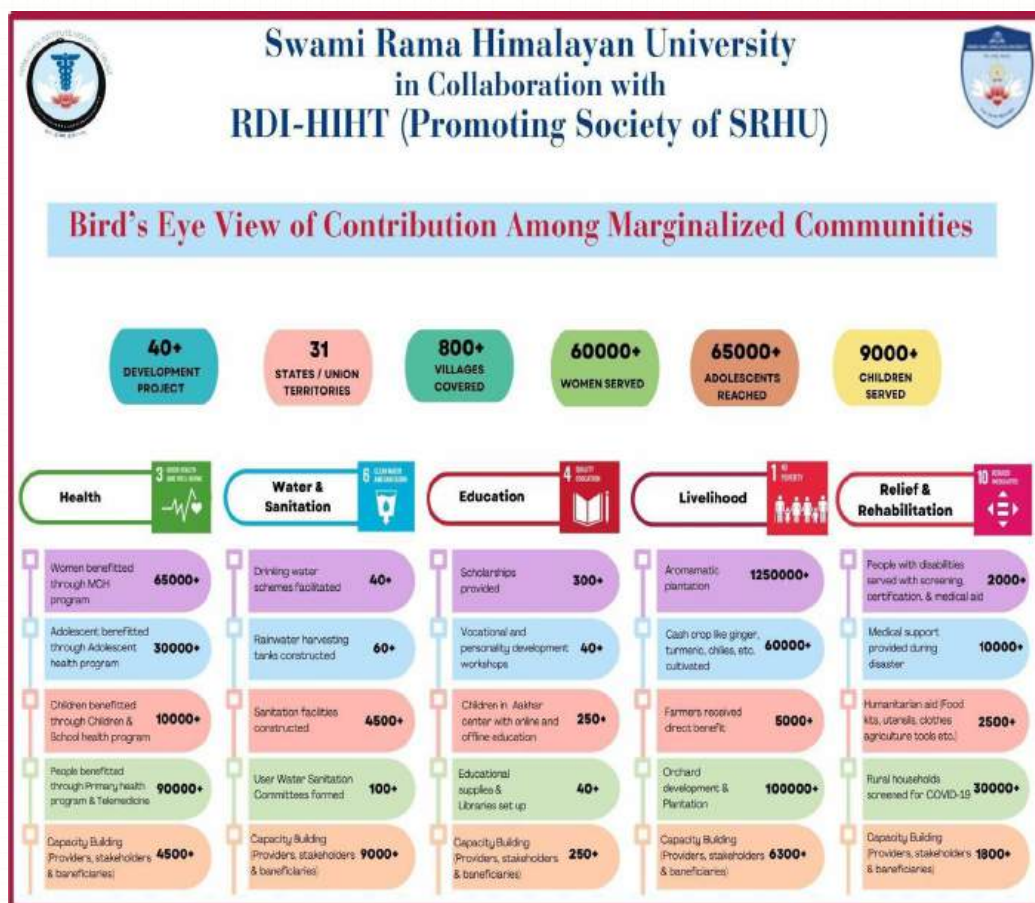
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1. Strengthening Regional and Local Collaborations

- Community Engagement: SRHU collaborates with local NGOs and grassroots organizations to implement programs addressing:
 - Healthcare delivery in remote areas.
 - Educational access for underprivileged children.
 - Environmental conservation projects.
 - Regional Development Projects
- SRHU drives sustainable development in Uttarakhand by:
 - Conducting outreach programs to address local challenges.

Promoting social entrepreneurship among students and faculty to tackle regional



2. Improving Community Health through Water Supply and Sanitation Services

The Himalayan region, despite being the origin of the sacred rivers Ganges and Yamuna, is



water-stressed. Residents face significant challenges due to limited access to safe water. Women, in particular, bear the brunt of this crisis, often spending 3-4 hours daily fetching water from distant sources. The lack of adequate water, sanitation, and hygiene services leads to poor health outcomes and contributes to open defecation, posing severe public health risks.

To tackle these challenges, comprehensive efforts have been initiated to ensure access to potable water and proper sanitation facilities. Key stakeholders involved include:

- **Village Water Sanitation Committees**
- **Panchayati Raj Institutions**
- **Self-Help Groups**
- **Local Schools**
- **Officials from various government departments Initiatives and Training under the National Jal Jeevan Mission**

Under the flagship *National Jal Jeevan Mission* of the Ministry of Jal Shakti, the institution has been instrumental in training mid-level officials from relevant departments, as well as Panchayati

Key Interventions

Sanitation Infrastructure:

- Over **3,100 toilets** constructed in 96 villages.
- Creation of **garbage pits, soak pits, and compost pits** in selected blocks of Tehri and Pauri districts.

Water Conservation and Harvesting:

- Construction of **309 Rainwater Harvesting Tanks** in 21 villages.
- Development of over **55 hectares** of springshed areas.

Hygiene Promotion:

- Increasing awareness about the importance of handwashing and hygiene practices.

Livelihood & Skills Development

- **Combatting Migration:** Addressed migration issues in hill regions by improving local income and welfare through organic farming.
- **Aromatic & Cash Crops:**
 - Facilitated plantation of over **12.5 lakh aromatic plants** and **1 lakh cash crops**, benefiting over **5,000 farmers**.



- Produced **185,000 kg lemongrass**, yielding **67 kg of oil** from 90 farmers across four villages.
- Harvested **2,100 kg turmeric**, **85 kg fresh red chili**, **37 kg black cardamom**, and **500 kg ginger** (produced in a poly-house).
- **Orchard Development:**
 - Trained farmers in orchard development.
 - Established 10 lemon orchards with **300+ plants per farmer**.

Relief & Rehabilitation Efforts

- **COVID-19 Support:** Supported Doiwala and Kalsi blocks with training for frontline health workers.
- Assisted **over 2,000 differently-abled individuals** in obtaining medical aid, certificates, and access to social welfare schemes.
- Conducted household screenings and school education sessions, **screening over 30,000 individuals**.
- Distributed **2,500+ food, hygiene, and nutrition kits, along with COVID screening kits** (thermal guns, pulse oximeters, masks, gloves, sanitizers, and face shields) for frontline workers.
- **Disaster Relief:** Provided medical support to **over 10,000 individuals** during various disasters.

Outcomes Achieved

- **Improved Water Availability:** Access to safe water has increased to over **55 liters per capita per day (LPCD)**.
- **Enhanced Hygiene Practices:** The percentage of people washing hands after defecation has risen from **15% to over 90%**.
- **Reduced Disease Incidence:** There has been a significant reduction in cases of diarrhoea and waterborne diseases.
- **Cleaner Villages:** Community-led sanitation efforts have transformed villages, promoting cleanliness and healthier living conditions.
- **Enhanced Multi-Stakeholder Collaboration:** Partnered with government bodies, local Panchayats, and NGOs to implement livelihood and healthcare initiatives effectively.
- **Strengthened Health Systems:** Collaborated with the Ministry of Health & Family Welfare to train frontline health workers and implement community-level healthcare programs.



- **Capacity Building:** Trained 5,000+ farmers and frontline health workers, promoting self-reliance and skill development through partnerships with academic and governmental organizations.
- **Global-National Integration:** Acted as a National Training Partner for programs like the Rashtriya Kishore Swasthya Karyakram, benefitting 31 states/UTs, demonstrating a scalable partnership model.
- **COVID-19 Pandemic Response:** Coordinated with local administrations to provide training, healthcare resources, and food kits to vulnerable populations, ensuring resilience during the pandemic.
- **Support for Sustainable Development:** Enabled cleaner villages, better water access, and reduced disease incidence by collaborating with National Jal Jeevan Mission and local village committees.

Impact of Training Programs

- More than **9,000 participants** have been trained to date, including over **7,300 individuals** under the Jal Jeevan Mission project.
- The training programs have spanned **28 states across India**, equipping communities with tools for sustainable water and sanitation management.

Through these targeted interventions, 185 villages in the Himalayan region now have access to potable water and sanitation facilities. By combining grassroots participation with government support and innovative technologies, the initiative has not only improved health outcomes but also empowered communities to take ownership of their water and sanitation needs. With continued efforts, the region is on its way to becoming a model of sustainable water management and improved public health.



**Acknowledgment from the office of
Executive Engineer Jal Shakti (PHE)
Division Rajouri, Jammu & Kashmir for
organizing training on capacity
building in compliance of Jal Shakti
Ministry, GoI**

**UNION TERRITORY OF JAMMU AND KASHMIR
Office of the Executive Engineer Jal Shakti (PHE) Division Rajouri**

It is to certify that on our request officers of **Swami Rama Himalayan University, Jolly Grant, Dehradun**, Key Resource Centre - Himalayan Institute Hospital Trust of National Jal Jeevan Mission visited our State for imparting training to our VWSC Members and PRI Representatives of the state. This training was organized under the compliance of Jal Shakti Ministry, Government of India for capacity building of the VWSC Members and PRI Representatives under Jal Jeevan Mission of the state. The four days residential training programs were organised on Orientation of Jal Jeevan Mission from **27- 30 December 2022** in which **98 participants**.

The topics of the training programme was mainly focused on orientation of Jal Jeevan Mission, Role of VWSC Members and PRI Representatives in JIM, O&M Mechanism in JIM and convergence with other schemes. The team of eight resource persons of SRHU headed by their Advisor Shri H.P. Uniyal trained our officers on different aspects including the actual implementation and field visit. Overall, the training programme was very useful and beneficial to our participants.

I convey my best wishes to the team of resource person from SRHU.


Executive Engineer
Jal Shakti (PHE) Division
Rajouri

**Acknowledgment from Andaman
Nicobar State Water And Sanitation
Mission, for organizing training on
capacity building program in
compliance of Jal Shakti Ministry, GoI**

Telefax: 03192-238094
अण्डमान निकोबार राज्य जल एवं स्वच्छता मिशन
ANDAMAN NICOBAR STATE WATER AND SANITATION MISSION
(अण्डोय राज्य स्वच्छता मिशन २००० ए.सी. अधिनियम ३०००००)
(A Society registered under Society Registration Act 1860)
मुख्यालय: अण्डमान निकोबार राज्य, अ.न.स.मि.सि.सि., पोर्टब्लेयर
CE's OFFICE COMPLEX, APWD, NIKMAN BHAWAN, PORTBLAIR
पोस्टल कोड: ७५६००१
Registration No. 1352

No. 1-19/ANSWSM/2021-22/AS, Part Blair, dated the 27th Dec, 2023

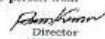
LETTER OF APPRECIATION

This is to certify that on request from ANSWSM officers of **Swami Rama Himalayan University, Jolly Grant, Dehradun**, Himalayan Institute Hospital Trust, an empanelled Knowledge Resource Center (KRC) under National Jal Jeevan Mission organised training program for engineers and officers working in the field of water supply in Andaman Public Works Department.

Training was organized from **October 30th to November 01st, 2023** as part of capacity building program in compliance of Guide lines of Jal Shakti ministry, Government of India for engineers and officers working under Jal Jeevan Mission of the state.

Topic of training was "Operation & Maintenance of the Water Supply System, Utility Approach and Tariff Collection Mechanism". Total 51 engineers and officers participated in the program. It included discussion on important components of water supply system, quality, sustainability issues and other different aspect of community participation. Training included lecture and field visit as well as team work.

The team of six resource persons of SRHU headed by Advisor Shri H.P. Uniyal trained our officers on different. Overall, training programme was very useful and beneficial to our officers. I convey my best wishes to the team of resource person from SRHU.


Director
ANSWSM

To
The Himalayan Institute Hospital Trust,
Swami Rama Himalayan University,
Jolly Grant, Dehradun
Uttarakhand



1 In collaboration with the Rural Development Institute (RDI) SRHU has made significant contribution in providing opportunities for social upliftment.	2 Reach and Beneficiaries Engaged in 31 states/UT, covering 800+ villages Benefitted 65,000+ Adolescents, 60,000+ Women, & 9,000+ children	3 Thrust Areas Health initiatives Water and Sanitation Education and Skill Development generating livelihood Relief and Rehabilitation

3. Strategic Partnerships and Collaborations

Academic Collaborations

SRHU has formed alliances with leading academic institutions to promote the exchange of knowledge, ideas, and best practices. These partnerships include:

- Joint academic programs to create cross-disciplinary expertise.
- Student and faculty exchange initiatives to build global perspectives.
- Shared access to research infrastructure, enriching academic and research experiences for stakeholders.

Industry and Government Partnerships

Collaborations with industries and government organizations bolster SRHU's impact on regional and national development. Examples include:

- Skill-building programs that prepare students for industry-ready roles.
- Joint projects that address societal issues, such as health, sustainability, and technology.
- Policy consultation with government bodies to shape frameworks for sustainable growth.

International Collaborations



SRHU's international partnerships include memoranda of understanding (MoUs) with global institutions. These partnerships facilitate:

- Collaborative research addressing worldwide challenges like climate change, public health, and inequality.
- Cultural exchange programs that nurture mutual understanding and global citizenship among students and faculty.

SN	Name of the Party	Title of Agreements/MoUs/License Deeds	Document Link
1	AIIMS Rishikesh	To exchange information, articles, reports and teaching material in order to support the collaborating teaching, training & research activities between AIIMS Rishikesh and Swami Rama Himalayan University.	Link
2	Medical Pollution Control Committee	To dispose of and arrange material of operation & maintenance of the Bio-Medical Waste generated at Himalayan Hospital.	Link
3	Mahatma Gandhi National Council for Rural Education, Hyderabad	1- For academic and research development and capacity building in the field of management discipline with specific courses in rural management, both at the UG and PG level. 2- To enhance relations and recognize the benefits to be derived from increased mutual collaboration, cooperation and interaction for further promotion.	Link
5	Shaheed Durga Mall College, Doiwala	Either party agreed for collaborative work in the area concerning to social, health, educational management etc. In order to discharge the social responsibility	Link
6	SGPGI, Lucknow	To exchange information, articles, reports and teaching materials in order to support the educational programs of each institution in the field of the Professional Competencies (particularly the areas of Communication, Skills, Ethics, Professionalism)	Link



8	CSIR-CIMAP, Lucknow	To share the facilities and expertise available in each other's Institutes.	Link
9	ICMR- NCDIR	Hospital Based Cancer Registries in India	Link
10	IIT, Roorkee	To exchange of research documents as per University norms, visits of faculty, staff and student to each other campus for promoting the excellent research in the field of Biomedical science, engineering and technology.	Link
11	Social Development for Communities (SDC)	For sustainable development goals, climate change , waste management etc.	Link
12	Global Consortium for Breast Cancer in Young Women (GCBCYW)	MEMORANDUM OF UNDERSTANDING (MoU) for establishing a Global Consortium for Breast Cancer in Young Women (GCBCYW) between(1) Cancer Research Institute (CRI), Swami Rama Himalayan University (SRHU), Dehradun, India (2) Lisbon Academic Medical Centre -North Lisbon University Hospital Centre, Lisbon, Portugal (3) Graduate School of Medicine and Faculty of Medicine Kyoto University, Kyoto, Japan (4) Advanced Centre for Treatment, Research and Education in Cancer (ACTREC), Tata Memorial Centre, Mumbai, India (5) Rajiv Gandhi Cancer Institute and Research Centre (RGCIRC), New Delhi, India	Link
13	Regional Centre for Urban & Environmental Studies (RCUES) Lucknow	For enabling efficient knowledge sharing and information exchange for enhancing the institutional capacity development	Link
14	ECHO INDIA PROJECT	To demonopolize knowledge and amplify the capacity to provide best practice care for underserved people all over the world	Link



16	Cochlear Implant Surgery Under ADIP Scheme of Government of India	For conducting Cochlear Implant Surgery for the Candidate approved by AYJNISHD	Link
17	Mrs. Shirin Vidya Venkatramani	To provide funds to empower the skills leading to strengthening the income and lives of the people in need	Link
18	CSIR-NBRI	Collaboration on Research & Development and Academic including faculty and student exchange	Link
19	M/s. Life Cell International Pvt. Ltd.	To provide large range of diagnostic and pathology service	Link
20	S. K Memorial Hospital	For referring / transfer of patient for appropriate care and treatment	Link
21	International Medical Services (Proprietor Mr. Bipin Bihari Choubey)	Financial support for 3 years to Ph.D Student	Link
22	INFLIBNET	To meet the objectives pertaining to submission and access to Electronic Thesis and Dissertations in Shodhganga as envisaged by the UGC	Link
23	CSIR -IHBT	Collaboration on Research & Development and Academic including faculty and student exchange	Link
24	American Heart Association	To provide training in the areas of Basic life support and Advanced Cardiac Life Support in collaboration with American Heart Association.	Link
25	Indian Association of Uttarakhand (IAU), Dehradun	For jointly enriching the technical education process and for promoting industrial advancement	Link



26	PHD Chamber of Commerce and Industry, New Delhi, India	For strengthening the ties between industry and academia	Link
27	Indian Society for Training and Development (ISTD), Dehradun	For strengthening the ties between industry and academia	Link
28	National Health Mission, Uttarakhand, Danda, Lokhand, Dehradun	Supplementary MOU with NRHM Uttarakhand for RBSK for the treatment of Children's	Link
29	The Hans Foundation	Treatment of poor children under 18 years who are suffering from diseases/conditions not covered under RBSK	Link
30	Confederation Of Indian Industry ("CII") Young Indians (Yi)	For creating a platform for Young Indians to realize the dream of a developed nation	Link
31	Airports Authority of India, New Delhi	For internship program	Link
32	SRHU-HIHT for its Rural Development Institute(RDI)	To mutually share resources, conduct research, outreach activities in the field & cooperate with each other in area of village development, health, education, sanitation etc.	Link
33	Auriga Research, New Delhi	For the purpose of jointly enriching the clinical research practices and for promoting research in the relevant field.	Link
34	Tsukuba University, Japan	To provide framework for the future development of cooperation	Link
35	KV Clinical Research Pvt Ltd, Raipur, Chhattisgarh	Executed/copies sent to legal dept. for notary purpose	

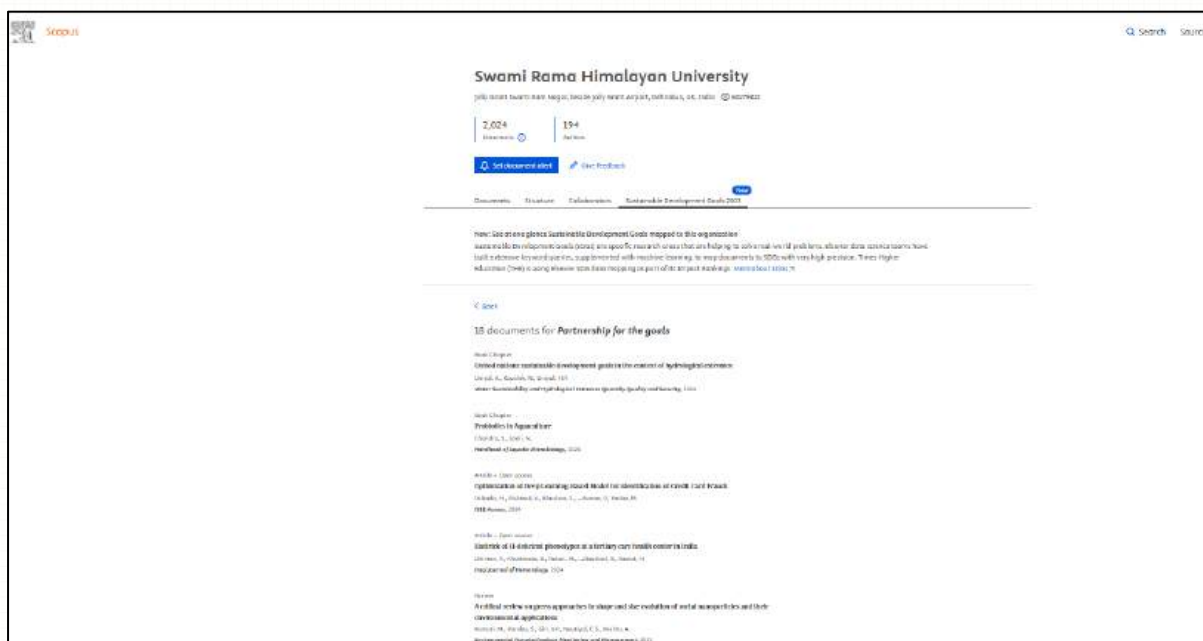


36	AIC STPINEXT INITIATIVES, Software Technology Park of India (STPI)	Executed/copies sent to legal dept. for notary purpose	
37	Hemwati Nandan Bahuguna Uttarakhand Medical Education University (HNBUMU), Dehradun	Executed	Link
38	Mango DB	To explore the running of a program planned by Mango DB for Partner needs	
39	NABARD	To recognize and empanelled Himalayan Hospital under NABARD for providing healthcare facilities to their employees.	
40	ICIMOD, Kathmandu, Nepal	For Collaboration for the co-development and scaling of spring- shed water management	
41	Clinical Trial Agreement (Parexel International Clinical Research Pvt. Ltd)	Clinical Trial Agreement between Dr. Sanjeev Verma, Swami Rama Himalayan University and Parexel Int. Pvt. Ltd	
42	Biotech Consortium India Limited	For the transfer of technology(ies) to BCIL by Licensing to Industry for their further development and commercialization	
43	Tata Strive Google scholarship programme	For enhancing the employability	
44	Akhildev IPR & Research Services	For the purpose of IPR matters	



4. Research and Innovation Networks

- Joint Research Projects: SRHU faculty and researchers participate in joint projects. These projects address critical areas, including:
- Public health: Developing affordable healthcare solutions for underserved communities.
- Sustainability: Exploring renewable energy and environmental conservation strategies.
- Social justice: Researching methods to reduce inequalities.
- [Link](#)



5. Capacity Building Initiatives

Training for Global Stakeholders

Swami Rama Himalayan University (SRHU) has been at the forefront of enhancing medical education standards by focusing on the professional development of health profession teachers. Through its **Regional Centre for Medical Education Technologies** ([For more](#)



[information](#)) the University has played a pivotal role in training faculty, fostering innovation, and addressing the challenges of medical education in rural and underserved areas of Northern India.

Objectives

- **Faculty Development:** Train health profession teachers in medical education technologies to equip them with innovative teaching methodologies.
- **Continuous Learning:** Organize Continuous Medical Education (CME) programs to ensure faculty remain updated with advancements in healthcare and pedagogy.
- **Student-Centric Learning:** Enhance teaching standards to make learning more enjoyable and effective for students, aligned with the vision of HH Swami Rama.

Establishment of Regional Center (2014):

- With a strong internal training mechanism in place, HIMS began conducting regular workshops for its faculty.
- In recognition of its efforts, the **Medical Council of India (MCI)** designated HIMS as a **Regional Center for Medical Education**, responsible for training faculty from **17 medical colleges** in Northern India.
- **Faculty Development Programs (FDPs):**
- Conducted **Basic Course Workshops in Medical Education (BCME)** and **Curriculum Implementation Support Programs (CISP)**.
- Focused on themes like teaching strategies, assessment techniques, and personal development to help faculty become more effective educators.
- Created **master trainers** who conducted FDPs for their institutions and the 17 allocated colleges.

Adaptation During COVID-19:

- Transitioned to **online and hybrid training** modes, enabling continued faculty development despite restrictions.
- Launched workshops to facilitate the **implementation of the competency-based curriculum** across allocated colleges.
- Played a proactive role in ensuring teaching quality through virtual training and monitoring systems.

National Conference for Allied Healthcare Professionals (2022):

- Organized Uttarakhand's first **National Conference for Allied Healthcare**



Professionals in collaboration with **FAIMER Institute (Philadelphia)** and the **Association of Health Profession Educators, India**.

- The event included **24 workshops** and a two-day hybrid conference, bringing together national and international experts in medical education.

Comprehensive Approach to Training:

- Regular programs were designed to cater to the needs of undergraduate and postgraduate students, faculty, and healthcare professionals.
- Focused on both technical skills and ethical principles, ensuring holistic development.

Evidence of Practice

- In the last five years, the **Regional Centre** has conducted **272 programs** benefiting **28,779 participants**, as follows:
- **39 FDPs/Workshops:** Trained 997 faculty members through programs like BCME, AETCOM, and CISP.
- **218 CME Sessions/Guest Lectures:** Reached 26,146 participants, enhancing clinical and teaching expertise.
- **5 Postgraduate Refresher Courses:** Benefited 443 postgraduate medical students.
- **10 Orientation Programs:** Supported 1,193 undergraduate and postgraduate students in adapting to academic and clinical environments.

Outcomes

- **Enhanced Teaching Standards:**
 - Faculty across 17 medical colleges in Northern India now employ innovative teaching and assessment techniques.
 - Students benefit from a more engaging and effective learning environment.
- **Successful Transition to Digital Learning:**
 - Enabled smooth adoption of online and hybrid teaching methods during the COVID-19 pandemic.
 - Supported competency-based curriculum implementation across all affiliated colleges.
- **Recognition and Networking:**



- The 2022 National Conference provided a platform for collaboration with international institutions and experts, reinforcing HIMs's leadership in medical education.
- **Scalable Impact:**
 - The success of the Regional Centre model has encouraged plans to extend similar training to allied health sciences, engineering, and management disciplines.

6. Financial and Technical Support for Development

- **Resource Mobilization:** SRHU actively secures funding for its sustainable development initiatives through:
 - Collaborations with government bodies and NGOs.
 - List of government bodies: [Link](#)
 - List of non-governmental bodies: [Link](#)
 - Partnerships with industries to sponsor research and development.
- **Technical Expertise Sharing:** The University provides its technical expertise to partner institutions and communities in areas such as:
 - Healthcare system development.
 - Sustainable infrastructure planning.
 - Data-driven decision-making processes.