United Nations

SR HU
Swami Rama Himalayan University
NAAC A+

ANNUAL
PROGRESS
REPORT
2023-2024

SUSTAINABLE
DEVELOPMENT
GOALS

SUSTAINABLE DEVELOPMENT GOALS

1 NO POVERTY

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Swami Rama Himalayan University (SRHU) demonstrates its unwavering commitment to Sustainable Development Goal 1 (No Poverty) through impactful initiatives led by its Rural Development Institute (RDI). By focusing on empowering communities, fostering sustainable livelihoods, and promoting education and skill development, SRHU actively addresses the multidimensional aspects of poverty and contributes to economic independence and social upliftment.

1 Curriculum Enrichment

Out of a total of **1134** courses offered across various disciplines, **153** courses are specifically designed to align with SDG 1: No Poverty. These courses are carefully crafted to enhance students' understanding of socio-economic challenges, promote inclusive growth, and foster critical skills for poverty alleviation.

- Courses like **Public Health Legislations**, **Health Policy Planning**, **Medical Education Technology**, and **Community Health Nursing** emphasize the importance of creating inclusive systems that provide equal access to resources for vulnerable populations.
- Furthermore, SRHU's curriculum integrates specialized skills through **Yoga, Naturopathy, and Holistic Health**, fostering community-based health solutions and preventive care that align with SDG 1's objectives.
- The course offerings in **Applied Sociology**, **Environmental Studies**, and **Business Environment** address broader socio-economic factors affecting poverty, such as environmental health and employment opportunities.

By offering diverse subjects aimed at improving healthcare, social systems, and economic opportunities, SRHU directly contributes to poverty reduction and promotes long-term sustainable livelihoods. Through its curriculum, SRHU ensures that graduates are equipped with the knowledge, skills, and values necessary to tackle poverty in all its dimensions.

2 Skill Development Programs at SRHU

India's rapid economic growth necessitates a skilled workforce; however, a shortage of skilled manpower hampers development. To bridge this gap, SRHU has established a **Skill Development Center** offering short-term courses and diploma programs. These programs, supported by the National Skill Development Corporation (NSDC) and other partners, ensure youth gain employable skills.

Programs Offered Include:
- **Industrial Sewing Machine Operation**
- **Plumbing**
- **Fashion Designing**
- **Computer Hardware and Networking**
- **Mobile Repairing**

These courses, supported by the Ministry of Skill Development and Entrepreneurship (MSDE), enable participants to secure employment in various sectors.

2.1 PMKVY-2.0: Skill Training for Employability

Under this initiative, the Skill Center conducts **Short Term Training** in various sectors, using **NSDC-approved curricula** aligned with the **National Skills Qualification Framework (NSQF)**. In addition to domain-specific training, the program includes modules on soft skills, entrepreneurship, financial literacy, and digital literacy. The training is offered free of charge, with all assessment and training fees covered by the government.

Successful completion of the program, which is tailored to various job roles, ensures

3 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. Its remarkable contributions include empowering over **200,000 women**, supporting **19,000 children**, delivering health education to more than **10,000 school students**, ensuring access to drinking water in over **470 villages**, counselling **111,000 adolescents**, and establishing **64 village-level organizations for disabled individuals**. These efforts reflect SRHU's holistic approach to improving the quality of life and fostering economic resilience among vulnerable populations.

RDI emphasizes sustainable livelihoods by strengthening agriculture, livestock, and off-farm vocations.

- **Organic Farming**: Promotes cash crops like lemongrass, turmeric, and cardamom, benefitting over 5,000 farmers.
- **Bee Keeping and Mushroom Cultivation**: Enhances agricultural income.
- **Tailoring Units**: Empower women by enabling self-sustenance through tailoring, embroidery, and handicrafts.

Valued cash crops, tress and aromatics cultivated under RDI along with establishment of processing unit adding to value chain of the produce aiding financial stability

Tailoring Units established under RDI aiding livelihood of the marginalized communities

Outcomes Include:

- 185,000 kg of lemongrass processed, yielding 67 kg of oil.
- 12.5 lakh aromatic plants cultivated, benefitting local farmers.
- 10 lemon orchards developed, promoting agricultural entrepreneurship.

4 Youth Empowerment and Economic Mobility

Additionally, SRHU exemplifies its commitment to SDG 1 through innovative skill development programs aimed at empowering underprivileged youth with employment-oriented training. By launching free courses such as **Plumber cum Electrician** and **Data Entry Operator cum Office Assistant**, the university directly contributes to **Target 1.2**, which focuses on reducing the proportion of people living in poverty in all its dimensions, and **Target 1.4**, which emphasizes ensuring access to economic resources and opportunities for the poor and vulnerable. These programs, aligned with the National Skill Development Program and supported by various departments within SRHU, also address **Target 1.A** by mobilizing institutional resources to create sustainable livelihoods. This initiative underscores the university's readiness to contribute effectively to poverty

eradication through inclusive education, practical training, and financial assistance for outstanding participants. For more information

5. Research Contributions

SRHU's contributions to SDG 1 are reflected in its scholarly work, which spans a variety of sectors, including healthcare, social safety nets, education, and economic empowerment. Eight significant publications from SRHU that directly contribute to SDG 1. These papers focus on issues such as poverty alleviation, the role of government schemes, healthcare access, and social protection for marginalized communities. Through these research efforts, SRHU is actively engaged in supporting the national and global agenda to reduce poverty and enhance the well-being of vulnerable populations.

SDG contributions

Goal 1: No poverty	8 documents	Goal 10: Reduced inequalities	11 documents
Goal 2: Zero hunger	49 documents	Goal 11: Sustainable cities and communities	21 documents
Goal 3: Good health and well-being	606 documents	Goal 12: Responsible consumption and production	40 documents
Goal 4: Quality education	18 documents	Goal 13: Climate action	10 documents
Goal 5: Gender equality	17 documents	Goal 14: Life below water	7 documents
Goal 6: Clean water and sanitation	35 documents	Goal 15: Life on land	38 documents
Goal 7: Affordable and clean energy	26 documents	Goal 16: Peace, justice and strong institutions	11 documents
Goal 8: Decent work and economic growth	32 documents	Goal 17: Partnership for the goals	200 documents
Goal 9: Industry, innovation and infrastructure	68 documents		
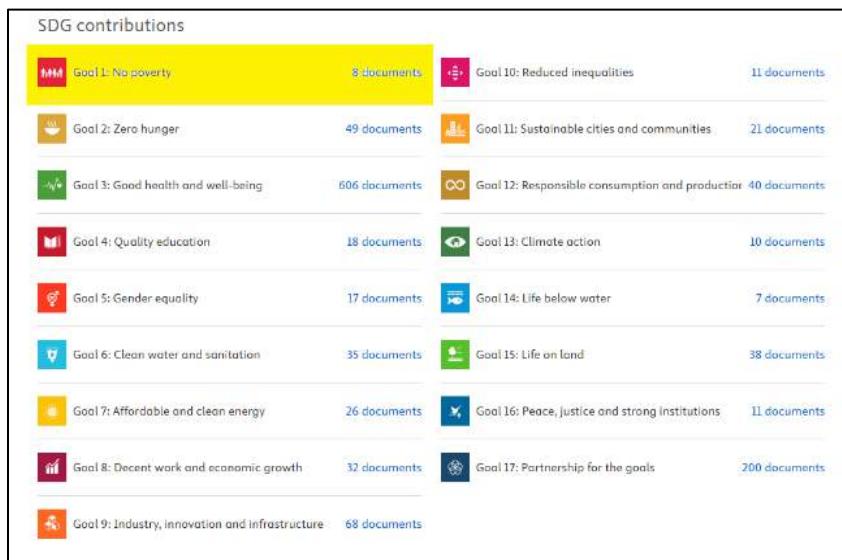
Each publication brings valuable insights into addressing the challenges faced by marginalized populations and highlights the role of policy, healthcare, and community-based initiatives in reducing poverty and promoting inclusive development.

1. United Nations Sustainable Development Goals in the Context of Hydrological Extremes

- **Authors**: Uniyal, A., Kaushik, N., Uniyal, H.P.
- **Publication Type**: Book Chapter
- **Journal**: Water Sustainability and Hydrological Extremes: Quantity, Quality, and Security, 2024
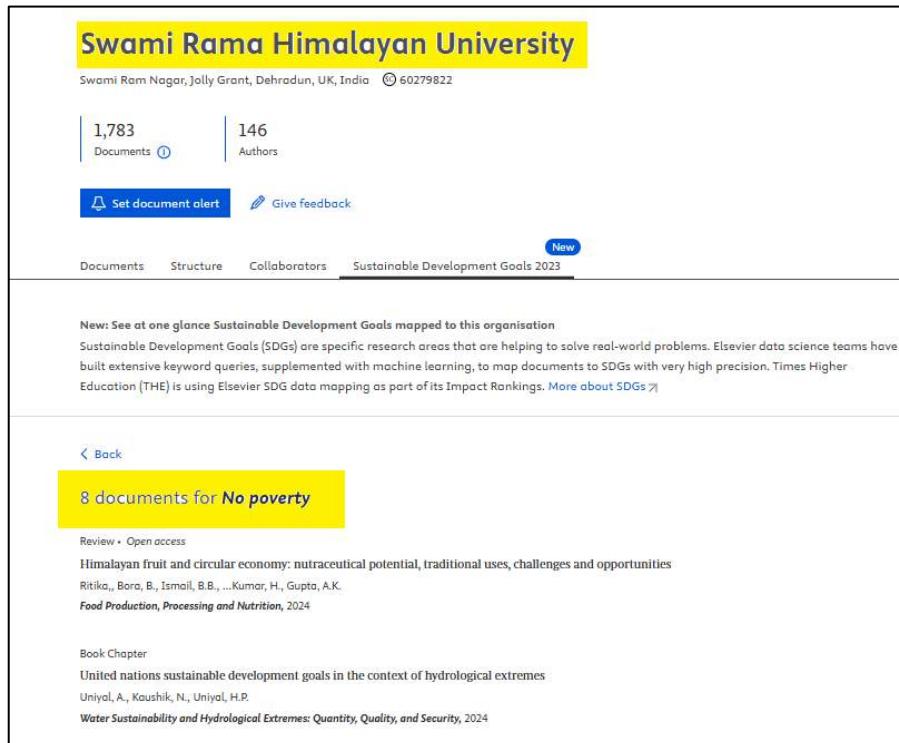
This chapter explores the interlinkages between hydrological extremes and SDG goals, particularly focusing on how sustainable water management practices can address poverty in regions facing water scarcity and related economic challenges.

2. Morbidity Pattern, Social Safety Net, and Drug Adherence Level Among Geriatric Patients Attending in a Health-care Facility: A Cross-sectional Study

- **Authors**: Thakur, M.K., Talati, S., Gupta, A.K., Bhattacharya, S., Singh, A.
- **Publication Type**: Article
- **Journal**: Journal of Education and Health Promotion, 2019

  This study highlights the impact of social safety nets on geriatric healthcare, emphasizing the role of government schemes in providing support to the elderly, thereby contributing to poverty reduction and improved healthcare access for vulnerable populations.

3. Treatment of Substance Use Disorders through the Government Health Facilities: Developments in the 'Drug De-addiction Programme' of Ministry of Health and Family Welfare, Government of India

- **Authors**: Dhawan, A., Rao, R.V., Ambekar, A., Pusp, A., Ray, R.
- **Publication Type**: Review (Open access)
- **Journal**: Indian Journal of Psychiatry, 2017

  This review outlines the progress of India's drug de-addiction program and its role in improving the health and socio-economic stability of individuals, particularly those from lower-income backgrounds, by providing them access to treatment and support systems.

4. Socio-Economic Differentials in Utilization of Maternal Health Care Services: A Study in Urban Slums of District Dehradun

- **Authors**: Srivastava, A.K., Kishore, S., Padda, P.
- **Publication Type**: Article
- **Journal**: Bangladesh Journal of Medical Science, 2015

  This article examines the socio-economic barriers to accessing maternal healthcare in urban slums, underlining the need for improved social safety nets and healthcare accessibility for impoverished populations.

5. Awareness and Utilization of Social Security Scheme and Other Government Benefits by the Elderly: A Study in Rural Area of District Dehradun

- **Authors**: Srivastava, A.K., Kandpal, S.D.
- **Publication Type**: Article
- **Journal**: Indian Journal of Community Health, 2014

  The study explores the utilization of government benefits among the elderly in rural areas, providing insights into how social security schemes can improve the livelihoods of older adults in poverty-stricken regions.

SUSTAINABLE DEVELOPMENT GOALS

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2

ZERO HUNGER

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1 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.

2 Health Education and Awareness Generation Activities

2.1 World Breastfeeding Week

Date: -August 1 to 7, 2023

Activities:

The Department of Community Medicine and the Rural Development Institute, SRHU, jointly observed World Breastfeeding Week under the theme "Let's make breastfeeding and work, work!" with a range of community- and campus-based activities. Health education sessions at urban and rural health training centres, Anganwadi centres, and villages across Haridwar district emphasized exclusive breastfeeding, maternal nutrition, and complementary feeding, reaching over 200 beneficiaries. Activities included poster-making, rallies, role plays, and interactive discussions that highlighted the role of breast milk in child development and addressed challenges faced by working mothers.

Simultaneously, the Department of Paediatrics, HIMS, celebrated the week with the theme "Enabling Breastfeeding: Making a Difference for Working Parents." Events such as rangoli and poster competitions, a quiz, and a panel discussion engaged students in creative and academic reflections on breastfeeding. The combined initiatives of both departments effectively promoted awareness on the health benefits of breastfeeding and reinforced institutional commitment to maternal and child health.

Place of Event: Department of Community Medicine and Paediatrics, HIMS, SRHU, UHTC Kurkawala, Anganwadi centres in Rajiv Nagar and Kudkawala, RHTC Gohri Mafi, Community

Participants: 800+ Students, Faculty, Staff of SRHU and Anganwadi workers, Community members

Awareness sessions at UHTC, Kudkawala and RHTC Gohri Mafi by department of Community Medicine

Awareness sessions at Anganwadi centres of Doiwala Block

Awareness session about importance of Breastfeeding with the women and adolescent girls

Breastfeeding awareness activities at various places by team SRHU at district Haridwar

2.2 World Diabetes Day Observation

Date: - November 14, 2023

Activities: - The Department of Community Medicine, Himalayan Institute of Medical Sciences, Swami Rama Himalayan University, observed World Diabetes Day with activities

aimed at enhancing community awareness and promoting healthier lifestyles. An educational program at the Rural Health and Training Centre, Gauhri Maafi, focused on diabetes prevention, early detection, and the role of diet and physical activity. Interactive talks and Q&A sessions highlighted diagnostic criteria, warning signs, and complications such as kidney, heart, and eye damage.

Free blood sugar testing, BMI assessments, and individual consultations were provided by faculty and students, facilitating early detection and counseling. The day concluded with a departmental seminar where postgraduate residents presented on the global and national diabetes burden, the national program, and current research. The events reflected the department's commitment to community engagement and evidence-based approaches to diabetes prevention and management.

Place of Event: -RHTC, Gauhri Mafi and department of Community Medicine, HIMS, SRHU

Participants: Community members, Faculty members, post graduate students and Staff of department of Community Medicine, HIMS

Educational talk at the Rural Health & Training Centre in Gauhri Maafi

ऋषिकेश

देहरादून | बुधवार • 15.11.2023 | 03
www.amarujala.com/rishikesh

असंतुलित जीवनशैली से बढ़ रहा डायबिटीज का खतरा

हिमालयन इंस्टीट्यूट ने गौहरीमाफी में जागरुकता अभियान चलाया

मधुमेह कर सकता है आंखें खराब

संवाद न्यूज एजेंसी

जौलीग्रांट। विश्व मधुमेह दिवस पर हिमालयन इंस्टीट्यूट ऑफ मेडिकल साइंसेज की ओर से जागरूकता अभियान चलाया गया। जिसमें लोगों को स्वस्थ जीवन शैली को बढ़ावा देने के लिए जागरूक किया गया।

डॉक्टरों ने कहा कि असंतुलित जीवनशैली से डायबिटीज का खतरा लगातार बढ़ रहा है।

मंगलवार को हिमालयन इंस्टीट्यूट ऑफ मेडिकल साइंसेज के कम्युनिटी मेडिसिन विभाग की ओर से ग्रामीण

10 में से एक युवा मधुमेह का हो रहा शिकार

स्वस्थ आदत अपनाने से टाइप दो डायबिटीज को रोका जा सकता है : डॉ. अशोक

विश्व मधुमेह दिवस

स्वास्थ्य एवं प्रशिक्षण केंद्र गौहरी माफी में आयोजित मधुमेह जागरूकता कार्यक्रम आयोजित किया गया।

विभागाध्यक्ष डॉ. अशोक श्रीवास्तव ने कहा कि मधुमेह शरीर को खोखला बना

देती है। दुनिया भर में 10 में से एक युवा मधुमेह का शिकार है। 90 प्रतिशत से अधिक लोगों को टाइप दो डायबिटीज है। जबकि आधे से ज्यादा लोगों को डायबिटीज के बारे में पता ही नहीं है। स्वस्थ आदतों को अपनाने से टाइप दो डायबिटीज और उसके होने वाली गंभीर समस्याओं को रोका जा सकता है।

डॉ. नेहा शर्मा ने मधुमेह के लक्षण और उपचार की जानकारी दी। इस दौरान डॉ. अभय श्रीवास्तव, डॉ. निकिता मौर्य, डॉ. टिवनकल, डॉ. फैय्याज अहमद, डॉ. ऋषभ, डॉ. दीपा, डॉ. चिराग जोशी और डॉ. अवनी गुप्ता आदि उपस्थित रहे।

ऋषिकेश। विश्व मधुमेह दिवस पर अखिल भारतीय आयुर्विज्ञान संस्थान (एम्स) के जनरल मेडिसिन विभागाध्यक्ष एवं मधुमेह रोग विशेषज्ञ प्रो. रविकांत ने डायबिटीज बीमारी से पैदा होने वाली जटिलताओं की विस्तृत जानकारी दी।

प्रो. रविकांत ने बताया कि डायबिटिक कीटोएसिडोसिस मधुमेह में होने वाली गंभीर समस्या है। यह समस्या शरीर में इंसुलिन की अत्यधिक कमी होने के कारण होती है। प्यास व पेशाब लगना, पेट दर्द होना, उल्टी होना, अवचेतनावस्था, सांस का तेज चलना डायबिटिक कीटोएसिडोसिस के लक्षण हैं। वहीं

एम्स के मेडिसिन विभागाध्यक्ष प्रो. रविकांत ने दी बचाव की जानकारी

प्रो. रविकांत

मधुमेह नेत्र रोग में समय के साथ मधुमेह आपकी आंखें खराब कर सकता है। डायबिटीक फुट अल्सर गंभीर समस्या है।

डायबिटीज मेलिटस घाव के भरने की प्रक्रिया को धीमी कर देता है। मधुमेह में पैरों की समस्या अक्सर तंत्रिका और रक्त वाहिकाओं में क्षति के कारण उत्पन्न होती है। लंबे समय तक उच्च रक्त शर्करा रक्त वाहिकाओं और तंत्रिकाओं को प्रभावित करती है। जंजद

26MM+Q4H, Gohri Mafi, Raiwala, Uttarakhand 249205, India

Latitude	Altitude	Longitude
30.0349688	345 m	78.2316102

Tuesday 14 November 2023 11:24 AM

SRHU distributes Nutritional Kits to 77 TB Patients under the PM's TB eradication initiative (Aug 28, 2023)

Free Distribution of Nutrition Kits to 300 TB Patients Every Month (March 28, 2024**)**

2.3 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 hemoglobin estimation. Prophylactic treatments, including micronutrient supplementation and anemia 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 2023-24
Menstrual Hygiene Management Trainings 2023-24

2.4 School Health Camps

The University actively contributes to improving the health and well-being of school-aged children by organizing regular school health camps. These camps provide comprehensive services, including systematic growth monitoring and the early detection of nutritional deficiencies, developmental delays, and other preventable conditions. In addition to offering timely medical care, the camps place strong emphasis on health education and awareness. Children receive structured guidance on balanced nutrition, proper handwashing, and personal hygiene, enabling them to adopt practices essential for lifelong health. By addressing health concerns early and promoting healthy behaviours, the University strengthens the physical and developmental outcomes of children, thereby fostering long-term community well-being.

School Health Camps 2023-24

School Health Sessions in progress to promote preventive care, health awareness, and overall well-being among children

3. 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.

3.1 Comprehensive Community Development Program-SRHU

The Comprehensive Community Development Programme (CCDP) is being actively implemented in the Toli area of the Jaiharikhal block, Pauri Garhwal district, with the goal of fostering sustainable and inclusive community development. The programme focuses on creating income-generating opportunities and improving access to health services, thereby enhancing the overall well-being of selected local communities. Designed with a need-based, demand-driven, and community-oriented approach, the programme ensures the active participation of Panchayati Raj Institutions (PRI), local communities, and particularly women in its execution. Its core strategy revolves around improving the quality of life by implementing community- and individual-based action plans, positioning itself as a model for community-driven development.

3.2 Sustainable Agricultural Practices and Income Generation

One of the major initiatives under the CCDP has been the promotion of alternative uses for fallow land, focusing on cultivating high-value crops such as rosemary, black cardamom, ginger, turmeric, garlic, and chili. These crops, which thrive in non-irrigated conditions and are resistant to damage by wild animals, have significantly boosted household incomes. A dedicated value-addition center further enhances the marketability of these crops by improving sorting, processing, and packaging, thereby connecting local produce to large, sustainable markets.

Innovative technologies and practices have also been introduced to address labor shortages and make agriculture a more attractive and profitable option for youth. For instance, lemongrass cultivation has gained momentum, with 90 farmers across four villages producing 185,000 kg of raw lemongrass, yielding 67 kg of oil after processing. The lemongrass farmers benefited directly as payments were made at their doorstep, fostering greater satisfaction and participation. Rosemary cultivation was another success, with 16.7 kg of fresh rosemary stock processed and sold in previous years. However, based on a two-year evaluation, harvesting of rosemary has been paused this year. The cultivation of turmeric, ginger, black cardamom, and chili has also been impactful. Over 2,100 kg of turmeric from 28 farmers was processed into 325 kg of turmeric powder and sold within 30 days. Similarly, 85 kg of fresh red chili from 15 families was dried, processed, and sold as chili powder within a week. Black cardamom and ginger powder production also contributed to household incomes.

Valued cash crops, tress and aromatics cultivated under RDI along with establishment of processing unit adding to value chain of the produce aiding financial stability

3.3 Infrastructure Development and Plantation Initiatives

The establishment of a 100-square-meter poly-house has further diversified agricultural output, enabling the cultivation of crops such as chillies, cauliflower, and ginger. Additionally, 125 mango and 125 lemon saplings were planted by two farmers, while existing orchards received compost fertilizers and were linked with state horticulture departments for technical support.

3.4 Women Empowerment through Tailoring and Handicrafts

The CCDP also emphasizes skill development for women and youth. Tailoring programs have equipped women and girls across multiple locations, including Itharna, Laltappar, and Mayakund, with essential skills. In Nagthat, 11 women are now producing woolen clothing after completing training. A one-year tailoring program was also introduced in the Bahadrabad block of Haridwar district.

The Bella Tailoring Course, tailored for the Flying Birds community, has trained 8-10 women and girls, enabling them to earn additional income for their families. This initiative requires no specific educational qualifications beyond basic literacy, making it accessible to a broader audience.

The tailoring units have also supported other institutional needs, such as stitching uniforms for university staff and students, producing items for hospital use, and preparing materials for special events like convocation ceremonies. The units contributed to the Swami Rama Scholarship Program by arranging essentials such as uniforms, sweaters, and shoes for children. Additionally, online art therapy sessions and handicraft training were conducted, further enriching community engagement.

3.5 Holistic Community Support

The CCDP extends its efforts beyond agriculture and skill development. It has actively supported the distribution of food, nutrition kits, clothing, and other essential supplies in vulnerable areas. The programme continues to integrate sustainable practices, skill-building, and health services to drive holistic community development, thereby serving as a replicable model for rural transformation.

4 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:

4.1 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.

So Comida

Nescafe canteen near MBBS girls hostel and Adi kailash Auditorium

Aanchal Café

Aggarwal Bhojnalaya Loacted inside the University Premises

4.2 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.

4.3 Balanced Diet Accessibility

The University prioritizes the promotion of a balanced diet and takes measures to ensure that wholesome and nutritious food is readily available to everyone within the campus community.

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.

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3

GOOD HEALTH & WELL-BEING

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1. 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.

2. Skill and Simulation Centre

The university's comprehensive Skill and Simulation Centre of Excellence (SSCE) stands as the first and only facility of its kind in Uttarakhand, offering cutting-edge healthcare education (srhu.edu.in/mediaevents/cm-inaugurates-centre-of-excellence-in-skills-simulation-at-srhu/). The SSCE is equipped with a diverse array of advanced tools, including high-fidelity manikins, task trainers, learning models, computer-based simulators, and standardized patients.

It regularly conducts specialized training programs such as Basic Life Support (BLS), Advanced Cardiovascular Life Support (ACLS), Pediatric Advanced Cardiovascular Life Support (PALS), Neonatal Advanced Life Support (NALS), First Aid & CPR, Intensive Care Unit (ICU) Procedures, Airway Management, Intravenous Access, Surgical Suturing, Trauma Management, Gynaecological and Obstetric Procedures, Abdominal Assessment, Rectal Examination, Paracentesis, Spinal Procedures, Sonography Modules, and Basic Patient Care Procedures, among others. The SSCE is dedicated to delivering high-quality education and plays a vital role in preparing individuals to become skilled, compassionate healthcare providers, adhering to national standards of excellence.

Skills & Simulation Centre of Excellence at Swami Rama Himalayan University

Intubation and Airway Management at SSC

3. Promoting Healthy Lifestyles

The University's AYUSH Learning and Therapy Centre is a unique facility that integrates clinics for Naturopathy, Ayurveda, Yoga, and Homeopathy, fostering alternative healthcare practices and holistic healing. These clinics not only deliver quality healthcare services to the

community but also provide students with exposure to diverse medical approaches, enhancing their academic and practical learning experiences.

University has a 200-acre green campus, emphasizing eco-friendliness and energy efficiency. The University focuses on fostering physical fitness, mental and emotional well-being, and cultural enrichment among its students, faculty members, and staff. In order to ensure that students, faculty members and staff maintain their physical fitness, the University provides

Gym facilities with 1 indoor gym with 125 sq. m. covered area and 1 outdoor gym with 235 sq.m. covered area.

3.1 Yoga facility

The Yoga Centre conducts regular sessions & training programs on yoga asanas, pranayama, meditation & stress management for students, faculty & staff for maintenance and enhancement of their overall well-being. Workshops like the "Science of Joyful Living" based on the teachings of Swami Rama, aiming to unlock hidden potential and promote joy, creativity, and dynamism are also organized periodically. In accordance with the teachings of Swami Rama and the ancient Indian gurus, the Himalayan School of Yoga Sciences was founded with the goal of providing instruction in cutting-edge fields of yoga science and holistic health as well as strong moral standards. Our yoga school's primary goal is to establish the department as a Centre of Excellence and provide top-notch instruction that satisfies the demands of the modern educational and medical fields. At SRHU, yoga science interacts with various related fields of study.

4. Health Care Research

The University is committed to advancing healthcare by addressing contemporary health challenges through impactful research initiatives. It actively fosters multidisciplinary research across fields such as public health, clinical sciences, pharmacology, and biotechnology. The primary focus of these research efforts, supported by both intramural and extramural funding, includes the development of innovative treatments, drug discovery, disease diagnostics, epidemiological studies, and health intervention strategies.

In collaboration with national and international organizations, industries, and funding agencies, the University conducts ground-breaking research that transforms scientific discoveries into practical healthcare solutions. High-quality research aligned with the University's mission is undertaken across all its schools, with significant contributions from the Himalayan Institute of Medical Sciences, Himalayan School of Biosciences, and Himalayan School of Yoga Sciences, which are at the forefront of healthcare research.

5. Collaborations

The University actively cultivates collaborations with national and international institutions, industries, and research organizations to strengthen healthcare research and training. These partnerships enable the exchange of knowledge, technology, and best practices, fostering advancements in medical research and enhancing healthcare delivery systems. Collaborative efforts include joint research projects, faculty and student exchange programs, training workshops, and seminars. Strategic alliances with government bodies and non-governmental organizations further bolster outreach programs, public health initiatives, and skill development activities. Through these partnerships, the University reaffirms its dedication to achieving SDG 3, leveraging collective expertise and resources to promote global health and well-being.

List of ongoing collaborations with industry, research institutions and Hospitals

	Name of the Party	Title of Agreements/MoUs/License Deeds	Category	Date of Execution	Date of Termination
1.	Laurea University of Applied Sciences, Finland	To share knowledge and best practices, promote student innovation and entrepreneurship, faculty and student exchange, developing joint degree programs in	MOU	09-02-2016	remain in-force till indefinite period by giving notice by either party

		future, R & D activities etc. Between Laurea and SRHU.				
2.	Qiagen India Pvt. Ltd.	To provide diagnostic equipment's and reagents to the SRHU	Agreement	26-05-2020	25-05-2025	
3.	Smile Train India	To provide assistance and support for treatments required by underprivileged children born cleft lips and palate through Himalayan Hospital	Services Agreement	01-11-2020	31-12-2024	
4.	M/s Syndicate Diagnostics Pvt. Ltd.	To Install and maintain Fully Automated Random Access Coagulation Analyzer in the laboratory of Himalayan Hospital and also supply of coagulation reagents and consumables.	Agreement	25-02-2021	24-02-2026	
5.	M/s Biomeriux India Pvt. Ltd.	To provide diagnostic equipment i.e. VIDAS PC Machine and various VIDAS reagents which are to be used in chemical reaction to detect, measure, examine, or produce other substances in Diagnostic Laboratory at Himalayan Hospital.	Agreement	08-03-2021	07-03-2026	
6.	Perdana University	To establish, promote and develop on a basis of direct cooperation and collaboration in the field of research, education and training programs of mutual interest.	MOU	01-02-2022	31-01-2025	
7.	RCUES, Lucknow	For enabling efficient knowledge sharing and information exchange for enhancing the institutional capacity development	MOU	18-11-2022	17-11-2025	
8.	DITU	For promoting academic and non-academic exchanges, especially in Technology and health Sciences domain	MOU	22-03-2023	21-03-2026	
9.	IOCL	For empanelment of Himalayan Hospital under IOCL, Dehradun for providing healthcare facilities to their employees.	Agreement	01-04-2023	31-03-2028	

10.	Core Diagnostic	SRHU appoints CORE as it outsources partner for tests that it doesn't conduct in its own facilities.	Agreement	01-05-2023	30-04-2026
11.	M/s Ishwar Ambulance Services	For providing ambulance services	License Deed	01-05-2023	31/04/2024
12.					
13.	CSIR-NBRI	Collaboration on Research & Development and Academic including faculty and student exchange	MOU	20-07-2023	19-07-2028
14.	Ortho Clinical Diagnostics India Pvt. Ltd.	To install and maintain VITRO ECi and supply reagents & consumables to the said equipment at Himalayan Hospital	Agreement	21-07-2023	20-07-2025
15.	M/s. Life Cell International Pvt. Ltd.	To provide large range of diagnostic and pathology service	MOU	01-08-2023	31-07-2025
16.	Maa Anandmayee Memorial School Trust	Rent Agreement with Maa Anandmayee Memorial School Trust to run Rural Health Training Centre	Agreement	15-08-2023	14-08-2024
17.	S. K Memorial Hospital	for referring / transfer of patient for appropriate care and treatment	MOU	18-08-2023	31-08-2025
18.	International Medical Services (Proprietor Mr. Bipin Bihari Choubey)	financial support for 3 years to Ph.D. Student	MoU	09-09-2023	15-09-2026
19.	CSIR -IHBT	Collaboration on Research & Development and Academic including faculty and student exchange	MOU	18-09-2023	17-09-2028
20.	Clinical Trial Agreement	Clinical Trial Agreement between Dr. Nand Kishor, Swami Rama Himalayan University and IDD Research solution Pvt. Ltd	Agreement	Thursday, November 23, 2023	

21.	American Heart Association	To provide training in the areas of Basic life support and Advanced Cardiac Life Support in collaboration with American Heart Association.	MOU	15-12-2023	15-12-2026
22.	M/s. Shobhit Mediventures LLP	To provide quality and affordable medicine at SRHU premises.	License Deed	06-02-2024	05-02-2025
23.	Airport Authority of India, Dehradun	For empanelment of Himalayan Hospital under Airport Authority of India, Dehradun for providing healthcare facilities to their employees.	Agreement	01-04-2024	31-03-2026
24.	Cryoviva Biotech Pvt. Ltd.	for processing of Bone Marrow Cells/Peripheral blood stem cells	Agreement	01-01-2024	31-12-2024
25.	fRI, Dehradun	for jointly enriching the technical education process and for promoting industrial advancement	MoU	01-05-2024	30-04-2029
26.	ESI Scheme Uttarakhand	Treating of ESI Scheme Patients at CGHS or ESI rates	Agreement	10-04-2019	09-04-2028
27.	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	Agreement	11-04-2023	
28.	Clinical Trial Agreement (Hetero Biopharma Limited Pvt. Ltd)	Clinical Trial Agreement between Dr. Ankit Batra, Swami Rama Himalayan University and Hetero Biopharma Limited	Agreement	15-04-2024	
29.	Gurman Medical Pvt Ltd	for sleep study	Agreement	15-09-2023	14-09-2024
30.	ECHS	To recognize and empanel Himalayan Hospital under ECHS for providing healthcare facilities to their employees.	Agreement	20-12-2023	19-12-2026
31.	The Hans Foundation	Treatment of poor children under 18 years who are suffering from diseases/conditions not covered under RBSK	MOU	26-02-2024	14-02-2027

32.	Biotech Consortium India Limited	for the transfer of technology(ies) to BCIL by Licensing to Industry for their further development and commercialization	Agreement	29-03-2024	28-03-2034
33.	ICMR- NCDIR	National Stroke Care Registry Programme in India: Hospital Based Stroke Registries in India	MoU	04-05-2024	9/30/2027
34.	SRHU-HIHT	To mutually share resources, conduct research, outreach activities in the field & cooperate with each other in area of village development, health, education, sanitation etc.	License Deed	01-06-2024	31-05-2029
35.	Styker India Pvt. Ltd.	To conduct various workshops and activities for organising courses at HIMS Cadaver Centre	Agreement	Thursday, June 08, 2023	Sunday, June 07, 2026
36.	IIT Bombay - Spoken Tutorial	IIT Bombay Spoken Tutorial provides training to students at Himalayan School of Science and Technology (HSST) on open-source programming languages. This initiative equips students with essential skills in open-source technologies to enhance their technical expertise and career opportunities.	Academic Partner of Spoken Tutorial, IIT Bombay	Apr-24	Apr-25
37.	Wipro Cares Bangalore	Improving maternal, child and adolescent health outcomes in 12 underserved villages of Bahadrabad block of Haridwar, Uttarakhand	Grant Agreement	Thursday, September 01, 2022	Sunday, August 31, 2025
38.	New Space India Limited Bangalore	For providing Primary Health Care for the selected villages of Kalsi block of Dehradun district Uttarakhand	MOU	Thursday, February 01, 2024	Friday, January 31, 2025
39.	ICMR	SANKALP: Strengthening Program Implementation and Monitoring to Achieve Single Digit Neonatal Mortality	Grant	Friday, March 15, 2024	

6. Research Projects

The University provides research funds to promote the research for conduction of research (Intramural-Projects-Ongoing-2023.pdf, Intramural-Project-2024-Sanctioned-4.pdf). To name a few intramural projects funded by the University are:

S. No	Title of the project	Duration	Name of the Faculty	Amount Sanctioned (Rs.)	Date
1.	Generating awareness for head and neck cancer prevention and treatment at a tertiary care hospital	04 Months	Dr. Jashan Reet, Dr. Juhi Kalra	0.15	Till December 2023
2.	Hypokalemic Paralysis due to Renal tubular acidosis as the initial presentation of Sjogren's Syndrome	06 Months	Dr. Naveen Kumar Rajput, Dr. Ritika Abrol, Dr. Manasvi Kalra	0.15	Till December 2023
3.	Assessing post-vaccination symptoms in adults: a study on Covishield immunization in individuals above 18 years	06 Months	Akanksha Saini, Dr Nikku Yadav	0.15	Till December 2023
4.	A Review on Phytochemicals, Nutritional and Therapeutic properties of *Perilla frutescens* (Purple mint)	03 Months	Pankaj Arya, Deepak Kumar, Geeta Bhandari, Bharti, Narendra Kumar, Nupur Joshi, Archna Dhasmana	0.15	Till December 2023
5.	A Study of Ocular Manifestations in Children with Developmental Delay	04 Months	Manish Kumar, Amit Maitreya, Renu Dhasmana, Sanober Wasim	0.3	Till December 2023
6.	A Study of The Bacteriological Profile of Chronic Osteomyelitis in A Tertiary Care Referral Centre: A Contemporary Study	03 Months	Arjun Prabhu Sharma, Chetan Peshin, Barnali Kakati	0.3	Till December 2023

7.	A study of the clinical profile of patients having cleft lip and palate	06 Months	Dr. Jyoti Dvivedi, Dr. Sanjay Dvivedi	0.2	Till December 2023
8.	A Study on Efficacy of Tranexamic Acid in Reducing Blood Loss in Total Hipreplacement Surgery	04 Months	Sukant Tomar, Anil Kumar Juyal, Ruchit Khera	0.3	Till December 2023
9.	Aging and Yoga: Exploring the Benefits of Yoga in Promoting Healthy Aging	04 Months	Dr. Somlata Jha	0.3	Till December 2023
10.	Assessing effectiveness of Graphic Medicine as an educational tool in Microbiology	12 Months	Dr. Barnali Kakati	0	Till December 2023
11.	Association between inflammatory markers and nerve conduction in type 2 diabetes mellitus patients	03 Months	Dr. Abha Shrivastva	1.3	Till December 2023
12.	Association of absolute lymphocyte and CD4 T cell count ratio with outcome of HIV negative TB meningitis patients	12 Months	Dr. Pratyush Kumar	0	Till December 2023
13.	Bio Social Risk Factors of Acute Stroke: A Case Control study from tertiary care Hospital of Uttarakhand	04 Months	Dr. Yogesh Saxena, Dr. Manish Mittal, Dr. Malini Shrivastava, Dr. Shailendra Raghuvanshi,	0.2	Till December 2023
14.	Bone Fixation and Repair Device	6 Months	Dr. Vijendra Devisingh Chauhan, Dr. Chandra Shekhar Nautiyal	0.06	Till December 2023
15.	Bone Fixation Device	06 Months	Dr. Chandra Shekhar Nautiyal, Dr.	0.3	Till December 2023

			Vijendra Devisingh Chauhan		
16.	Clinical application of liquid biopsy in CNS tumors with reference to exosomes and miRNA	06 Months	Manish Tenguria, Vishal Rajput, Meenu Gupta, Neha Sharma, Sanjay Gupta	0.15	Till December 2023
17.	Clinicopathological Study of Salivary Gland Tumors in Tertiary Care Teaching Hospital	03 Months	Priyank Kumar Chauhan, S S Bist, Lovneesh Kumar, Anuradha Kusum	0.3	Till December 2023
18.	Closed Suction Drainage in Hip Arthroplasty - An Observational Study	04 Months	Dr. Shardul Rana and Dr. Vijendra Devisingh Chauhan	0.3	Till December 2023
19.	Correlation Of Neutrophil and Lymphocyte Ratio with Known Biochemical Markers Like Esr, Crp, Ldh as A Predictor Marker for Acute Exacerbation of Copd	03 Months	Dr. Kanupriya Bhatia, Dr. Rakhee Khanduri Dr. Varuna Jethani, Dr. Mansi Kala	0.15	Till December 2023
20.	CTP score, MELD-Na score and CLIF-C ACLF score as predictors of short-term outcome in acute-on-chronic liver failure: an observational study	03 Months	Manasvi Kalra MD, Reshma Kaushik MD, Saurabh Singh DM, Rajeev M Kaushik MD	0.15	Till December 2023
21.	Double Suture Technique: To Prevent Limb Length Discrepancy in Total Hip Arthroplasty	03 Months	Dr Shashank Tayal	0.3	Till December 2023
22.	Early Outcome of Intertrochanteric Fractures Treated with Proximal Femoral Nail	06 Months	Dr Anmol Singh	0.3	Till December 2023

23.	Early postoperative outcome of esophagectomy after neoadjuvant chemotherapy for carcinoma oesophagus and gastroesophageal junction	03 Months	Dr. Chiranjit Mukherjee	0	Till December 2023
24.	Effect of Bhastrika pranayama and nadishodhana on spirometric parameters and adiposity indices of young adults	06 Months	Dr. Dipak Kumar Dhar	0	Till December 2023
25.	Effect Of Single Bout of Whole-Body Vibration Therapy on Hamstring Flexibility in Subjects with Knee Osteoarthritis	04 Months	Dr. Praveen Rawat, Dr. Abhay Srivastava, Ms. Tanvi Bhatt	0.3	Till December 2023
26.	Effectiveness of yoga on Quality of life of breast cancer patients undergoing chemotherapy	04 Months	Dr. Kamli Prakash, Dr. Sunil Saini, Dr. Sanchita Pugazhendi	0.15	Till December 2023
27.	Emergence of Lumpy Pox virus and their preventive measures: A Global Livestock Threat	03 Months	Archna Dhasmana, Geeta Bhandari, Nupur Joshi, Lavish Khatkar, Jyoti Rawat, Vikash Singh Jadon, Sanjay Gupta	0.15	Till December 2023
28.	Evolutionary And Emerging Cosmos of Dengue Infection in India	06 Months	Himani Prajapati, Dr Yogesh Saxena, Dr Vivek Kumar, Dr Garima Mittal	0.52	Till December 2023
29.	Feasibility of using peripherally inserted central catheter as	02 Months	Dr. Kunal	0	Till December 2023

	vascular access in patients undergoing hematopoietic stem cell transplantation-a retrospective study.				
30.	Functional outcome of Anterior Cruciate ligament Reconstruction using Ipsilateral Autologous Hexafold Hamstring	04 Months	Dr Atul Agarwal, Dr Tarun S. Bora, Dr Faiz Akbar Siddiqui	0.15	Till December 2023
31.	Functional outcomes in surgically treated clavicle fractures: A longitudinal observational study	04 Months	Dr. Prakhar Maheshwari, Dr. Chetan Peshin,	0.65	Till December 2023
32.	Gastrointestinal Regeneration: Innovative remedies for Gastrointestinal Defects	04 Months	Archna Dhasmana, Indra Rautela, Nupur Joshi, Ayushi Santhanam	0.3	Till December 2023
33.	Identifying neurological danger zone on application of external fixator in humerus – A cadaveric study	04 Months	Dr. Akshay Dua, Dr. Vijendra Devisingh Chauhan*, Dr. Faiz Akbar Siddiqui, Dr. R KRohtagi	0.65	Till December 2023
34.	Machine Learning as a tool to Predict Cerebral strokes in the patients	04 Months	Satyendra Singh Rawat and Amit Kumar Mishra	0.3	Till December 2023
35.	Management of Psychosomatic disorders through Yoga	06 Months	Dr. Ram Narayan Mishra	0.15	Till December 2023
36.	Needle stick injury among healthcare workers in a tertiary care setting of Uttarakhand - A RECORD based comparative study	06 Months	Dr. Singh Rajender, Dr. Mittal Garima, Dr. Srivastava Abhay, Mr. Kumar Yogesh,	0.3	Till December 2023

	between pre-covid and during covid times		Mr. Sharma Balkrihsna		
37.	Normative Data of Maximal Respiratory Pressures in Adult Himalayan Population- A Cross-Sectional, Observational Study	03 Months	Dr Rakhee Khanduri	0.3	Till December 2023
38.	Pattern Of Otorhinolaryngolic Diseases in Geriatric Population	06 Months	Himani Singh, S S Bist, Vinish Kumar Agarwal	0.3	Till December 2023
39.	Pre-Operative Predictors of Ossicular Status in Chronic Supportive Otitis Media	03 Months	Swati Pant, Vinish Kumar Agarwal, Sampan Singh Bist, Lovneesh Kumar, Mahima Luthra	0.3	Till December 2023
40.	Prospective study of implementation and evaluation of AETCOM module 1.2	06 Months	Dr. Kiran Bhat	0	Till December 2023
41.	Radioprotection handcart for radiographic examinations in neonatal intensive care unit (NICU)	12 Months	Dr. Satish Chandra Uniyal, Mr. Vikram Singh	0.3	Till December 2023
42.	Radioprotection handcart for radiographic examinations in neonatal intensive care unit (NICU)	6 Months	Dr. Satish Chandra Uniyal, Mr. Vikram Singh	0.06	Till December 2023
43.	Skin Prick Test in Naso-Bronchial Allergies: A Cross-Sectional Study	04 Months	Manvendra Garg, Rakhee Khanduri, Sushant Khanduri, Manoj Kumar, Dr. Varuna Jethani, S S Bisht	0.3	Till December 2023

44.	Study Of Clinico-Radiological Profile of Patients with Spinal Tuberculosis	03 Months	Shivam Sinha, Rakhee Khanduri, Ranjit Kumar, Anil Juyal	0.3	Till December 2023
45.	Study Of Mastoid Antral Changes in Tubotympanic Chronic Supportive Otitis Media	06 Months	Rishabh Padda, Lovneesh Kumar, Sampan Singh Bist, Vinish Agarwal, Mahima Luthra	0.3	Till December 2023
46.	Surya Namaskara: A Holistic Approach to Healthy Aging	06 Months	Dr. Somlata Jha	0.3	Till December 2023
47.	The upsurge of mucormycosis at a tertiary care centre in Himalayan region, North India during the second wave of covid-19	06 Months	Dr. Rajender Singh, Dr. Garima Mittal, Dr. Barnali Kakati, Dr. Nupur Koul,	0.3	Till December 2023
48.	Therapeutic Phlebotomy (TP)-A continuously evolving primaeval bloodletting remedy. A five-year experience from a tertiary care health centre in India	02 month	Dr. Yashashwi Dhiman	0	Till December 2023
49.	To study the efficacy of Rompilostim in Chemotherapy induced thrombocytopenia in head and neck cancer patients	03 months	Dr. Viney Kumar	0	Till December 2023
50.	To study the survival analysis and recurrence pattern in women treated for Breast cancer: Retrospective study, a tertiary cancer center experience from Northern India	03 months	Dr. Shivangi Sundram	0	Till December 2023

51.	Triple co-infection involving Dengue Fever, Scrub Typhus and Acute Brucellosis - a rare and surprising entity	03 Months	Dr. Naveen Kumar Rajput, Dr. Ritika Abrol, Dr. Manaswi Kalra,	0.15	Till December 2023
52.	Tuberculosis or malignancy: A Masquerade	03 Months	Varuna Jethani, Aarti Kotwal, Anuradha Kusum, Sushant Khanduri	0.15	Till December 2023
53.	Can older antibiotics be reconsidered for MRSA treatment: An in-vitro study	18 Months	Dr. Barnali Kakari Professor & Head	2,72,710	22-Jun-2023
54.	Designing and assessing the impact of a competency-based training program in Transfusion Medicine amongst MBBS interns	02 Month	Dr. Manish Raturi, Associate Professor	Nil	18-Aug-2023
55.	Therapeutic Phlebotomy (TP)-A continuously evolving primaeval bloodletting remedy. A five-year experience from a tertiary care health center in India	02 Months	Dr. Yashaswi Assistant Professor	NIL	27-Sep-2023
56.	Prospective Study of implementation and evaluation of AETCOM module 1.2		Dr. Kiran Bhat (Professor & Head) Biochemistry		19-Oct-2023
57.	Quantitation of native nucleic acids in urine using UV spectroscopy to predict urinary tract cancer in males.	24 months	Dr. Neeraj Gupta (Assistant professor)	450000	06-Jun-2023
58.	Elite germplasm selection based on elicited gymnemic acid and antioxidant status of Gurmar (Gymnema sylvestre) using	24 months	Dr. Vikash Singh Jadon, Associate Professor, HSBS	900000	11-Dec-2023

	micropropagation technique				
59.	To study the association of inflammatory markers with histopathological differentiation in squamous cell carcinoma of larynx and pharynx	12 months	Dr. Mahima Luthra	3000	23-Mar-2024
60.	COVID 19 vaccine booster dose hesitancy in rheumatic diseases	06 Months	Dr. Yogesh Preet Singh, Assistant Professor	Nil	29-Jan-2024

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.

Establishing cutting-edge research facilities, creating innovative therapy strategies, and putting community-based solutions into action have all been made possible by extramural funding. To guarantee that the results are scalable and practically applicable, these initiatives also place a strong emphasis on training initiatives, capacity building, and translational research. The University keeps making significant progress towards attaining SDG 3 and

enhancing public health by utilising extramural grants (Extramural-Project-Ongoing-2023-.pdf, Extramural-Project-Ongoing-2024.pdf). Among the extracurricular initiatives that the government has financed are:

S.No.	Financial Year	Title of the Project	Sanctioned date	Total Amount Sanctioned (In Lakh)	Amount Received (In Lakh) during the year
1.	2023-24	Implementation of Standard Treatment Workflows (STWs) for pediatrics to	02-01-2024	153.36	1,53,36,008.00

		improve adherence to the guidelines in the setting of a district hospital under District Residency Program of NMC 2021			
2.	2023-24	SANKALP (Strengthening Program Implementation and Monitoring to Achieve Single-digit Neonatal Mortality)	22-02-2024	512.65	1,84,06,242.00

6. Research Publications

Through excellent publications in reputable national and international journals, the university actively encourages the dissemination of research discoveries. Peer-reviewed publications, review papers, and case studies on a variety of topics, including clinical sciences, biotechnology, pharmacology, and public health, are frequently published by faculty members and researchers. These articles promote evidence-based procedures, progress science, and strengthen the University's standing as a centre for top-notch research. The effect of published work is further strengthened by the emphasis on interdisciplinary research and joint authorship. In order to promote professional growth and information exchange, the university also encourages staff and students to present their research at national and international conferences (Scopus - Swami Rama Himalayan University).

To name a few top publications are as under:

- Aswal, R.S., Prasad, M., Singh, J., ...Pandey, O.P., Egbueri, J.C. Spatial analysis and soft computational modelling for hazard assessment of potential toxic elements in potable groundwater. Scientific Reports, 2024.
- Hong, C.H.L., Epstein, J.B., Jensen, S.B., Vissink, A.J., Elad, S. MASCC/ISOO Clinical Practice Statement: Clinical assessment of salivary gland hypofunction and xerostomia in cancer patients. Supportive Care in Cancer, 2024
- Thapa, D., Vijay, K., Naik, B.S.S.S., Mishra, B.,Rustagi, S. Harnessing probiotic foods: managing cancer through gut health. Food Science and Biotechnology, 2024

- Setua, S., Shabir, S., Shaji, P.D., Khan, S., Chauhan, S.C. Exosomes derived from tumor adjacent fibroblasts efficiently target pancreatic tumors. Acta Pharmaceutica Sinica B, 2024

- Srivastava, A.K., Mishra, S., Avadhesh, Iori, R., Gupta, S.C. Moringin, an isothiocyanate modulates multiple cellular signalling molecules in breast cancer cells. Cellular Signalling, 2024

- Singh, A., Bhatia, M., Kaistha, N., Kansal, N.K. Chancroid: A Tenacious Old Foe of Mankind – Two Cases from the Foothills of the Himalayas. Journal of Pure and Applied Microbiology, 2024

- Patra, S., Patwal, P., Chetan, C., Gupta, G. Alarming medication error with prostaglandin E1 (PGE1) in a term neonate with critical congenital heart disease. BMJ Case Reports, 2024

- Sundram, S., Nandi, S., Arora, A., Saini, S.K. To study the survival analysis and recurrence pattern in women treated for breast cancer: Retrospective study, a tertiary cancer center experience from Sub-Himalayan Region of India. Journal of Surgical Oncology, 2024

- Jain, A., Patra, S., Chetan, C., Gupta, G. Usefulness of skills in point of care ultrasound and simulation-based training as essential competencies in acute management of neonatal cardiac tamponade. BMJ Case Reports, 2024

- Baral, B., Kandpal, M., Ray, A., Baig, M.S., Jha, H.C. Helicobacter pylori and Epstein-Barr virus infection in cell polarity alterations. Folia Microbiologica, 2024

- Sharma, V., Srivastava, D., Avasthi, V. A Novel Study of Predicting Coronary Artery Disease with Data Mining and Machine Learning Algorithms. Proceedings - 2024 International Conference on Healthcare Innovations, Software and Engineering Technologies, HISET 2024, 2024

SUSTAINABLE DEVELOPMENT GOALS

SUSTAINABLE DEVELOPMENT GOALS

4

QUALITY EDUCATION

srhu.edu.in

NAAC A+

Swami Rama Himalayan University

1. Curricular Design and Delivery

Swami Rama Himalayan University ensures a dynamic curricular design that integrates interdisciplinary learning, practical knowledge, and ethical values. The curriculum emphasizes experiential learning, research, and innovation, fostering critical thinking and skill development. By aligning with SDG 4, SRHU delivers quality education that prepares students for global challenges and sustainable development. University3 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.**

SN	Category of Event	Link to relevant Doc
1	Interdisciplinary Programs **2024**	[For more info](#)
2	Skills and Employability	[For more info](#)
		[For more info](#)

2. Teaching and Learning Methodologies

2.1 Innovative Pedagogies:

The program sharpens analytical skills by encouraging problem-solving through case studies and real-life settings. The availability of online materials, e-learning platforms, and MOOC courses promotes self-directed learning. Small group sessions that use case and problem-based learning techniques are the mainstay of evidence-based, patient-centric learning. Furthermore, project-based learning, role-playing, and humanities electives enhance students' education and guarantee comprehensive growth in the medical industry.

SN	Innovative Pedagogies	Links
1	Project Based Learning	[For more info](#)
2	Patient Centric and Evidence-Based Learning	[For more info](#)
3	Self-Directed Learning	[For more info](#)

2.2 Digital and E-Learning Tools:

A) Use of ICT tools in teaching learning

Teaching Session with HIMS Students Using Document Reade

B) 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

C) E-Sources

Online educational link to Swayam in Juno

Student Learning through online access to NMEICT
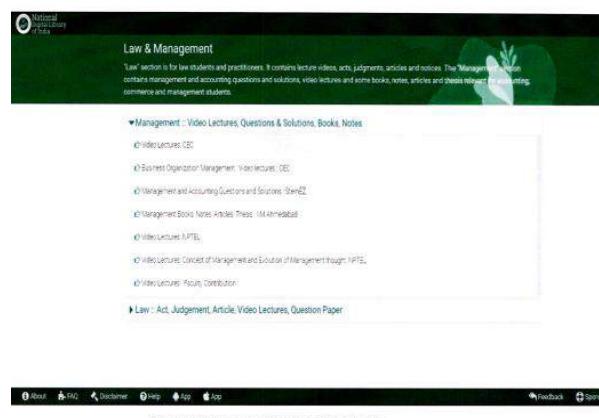
Students access to educational material

Students Registered in Swayam Courses (Jan-April 2023)

S.No	Roll Number	Course Id	Course Name	Name	EmailId	Department	Final Score	Certificate Type
1	NOC23HS30S33430001	noc23-hs30	EnhancingSoftSkillsandPersonality	Muskan	muskanrajput991717@gmail.com	commerce	73	Elite
2	NOC22MD01S33430003	noc22-md01	BasiccourseinBiomedicalResearch	NainaMehta	naina_mehta@ymail.com	general_medicine		NoCertificate
3	NOC23HS30S33430007	noc23-hs30	EnhancingSoftSkillsandPersonality	Dikshanegi	negidiksha899@gmail.com	other	55	Successfully completed
4	NOC23HS30S33430013	noc23-hs30	EnhancingSoftSkillsandPersonality	Kritinegi	negikriti3110@gmail.com	businessadministration	79	Elite+Silver
5	NOC23HS30S33430019	noc23-hs30	EnhancingSoftSkillsandPersonality	Priyanegi	negipriya720@gmail.com	businessadministration	64	Elite
6	NOC22MD01S33430024	noc22-md01	BasiccourseinBiomedicalResearch	DrRituDhoundiyal	ritudhoundiyal95@gmail.com	dermatology,_venereology_and_leprosy		NoCertificate
7	NOC23HS30S33430025	noc23-hs30	EnhancingSoftSkillsandPersonality	sushmapainuli	painulisushma532@gmail.com	commerce	55	Successfully completed
8	NOC23HS30S33430031	noc23-hs30	EnhancingSoftSkillsandPersonality	AbhinavPal	palabhinav773@gmail.com	other	23	NoCertificate
9	NOC23HS30S33430037	noc23-hs30	EnhancingSoftSkillsandPersonality	BhartiPanwar	panwarbharti764@gmail.com	commerce	62	Elite
10	NOC23CS20S33430039	noc23-cs20	TheJoyofComputingusingPython	PRIYANKA	priyankanegi972001@gmail.com	other	63	Elite
11	NOC23HS30S33430043	noc23-hs30	EnhancingSoftSkillsandPersonality	Jyotipanwar	panwarjyoti124@gmail.com	accountingandfinance	50	Successfully completed
12	NOC23HS30S33430049	noc23-hs30	EnhancingSoftSkillsandPersonality	Priyanshikukreti	priyanshikukreti48@gmail.com	bankingandinsurance	51	Successfully completed
13	NOC23HS30S33430055	noc23-hs30	EnhancingSoftSkillsandPersonality	Priyanshupayal	priyanshupayal72@gmail.com	commerce	49	Successfully completed
14	NOC23HS30S33430061	noc23-hs30	EnhancingSoftSkillsandPersonality	RahulBisht	rahulajbisht171@gmail.com	commerce	69	Elite
15	NOC23HS30S33430067	noc23-hs30	EnhancingSoftSkillsandPersonality	RitikaRawat	rawatritika149@gmail.com	commerce	51	Successfully completed
16	NOC23HS30S33430079	noc23-hs30	EnhancingSoftSkillsandPersonality	Rishabhbahuguna	rishabhbahuguna460@gmail.com	commerce	69	Elite
17	NOC23HS30S33430085	noc23-hs30	EnhancingSoftSkillsandPersonality	AbhishekRawat	rwtabhi70@gmail.com	businessadministration	36	NoCertificate
18	NOC23HS30S33430091	noc23-hs30	EnhancingSoftSkillsandPersonality	Santoshimatiyal	santoshimatiyal@gmail.com	commerce	73	Elite
19	NOC23HS30S33430097	noc23-hs30	EnhancingSoftSkillsandPersonality	Shiwanivyas	shivanivyas243@gmail.com	commerce	62	Elite
20	NOC23HS30S33430103	noc23-hs30	EnhancingSoftSkillsandPersonality	shivommittal	shivommittal325@gmail.com	commerce	67	Elite
21	NOC23HS30S33430109	noc23-hs30	EnhancingSoftSkillsandPersonality	ShiwanshiKukreti	shiwanshikukreti06@gmail.com	commerce	81	Elite+Silver
22	NOC23HS30S33430121	noc23-hs30	EnhancingSoftSkillsandPersonality	Siddharthmanwal	sidmanwal45@gmail.com	businessadministration	54	Successfully completed
23	NOC22MD01S33430131	noc22-md01	BasiccourseinBiomedicalResearch	SonaliPandita	sonapandita94@gmail.com	general_surgery		NoCertificate
24	NOC23HS30S33430133	noc23-hs30	EnhancingSoftSkillsandPersonality	TaniyaRawat	taniyarawat706@gmail.com	businessadministration	50	Successfully completed

52	NOC23HS30S43 430295	noc23-hs30	EnhancingSoftSkillsandPersonality	Chairita	cherryaggarwal.24@gmail.com	commerce	83	Elite+Silver
53	NOC23HS30S43 430301	noc23-hs30	EnhancingSoftSkillsandPersonality	Dheeraj	dheerajbhandari9068@gmail.com	businessadministration	35	NoCertificate
54	NOC23HS30S43 430307	noc23-hs30	EnhancingSoftSkillsandPersonality	EktaRao	ektarao@srhu.edu.in	businessadministration	72	Elite
55	NOC23HS30S43 430313	noc23-hs30	EnhancingSoftSkillsandPersonality	GunjanChoudhary	gunjan20013@gmail.com	commerce	69	Elite
56	NOC23HS30S43 430325	noc23-hs30	EnhancingSoftSkillsandPersonality	Premahirwani	hirwaniprema@gmail.com	commerce	57	Successfully completed
57	NOC23HS30S43 430331	noc23-hs30	EnhancingSoftSkillsandPersonality	Inderpreetsingh	inderpreetsgrr9876@gmail.com	commerce	57	Successfully completed
58	NOC23HS30S43 430337	noc23-hs30	EnhancingSoftSkillsandPersonality	Ishantpayal	ishantpayal7@gmail.com	commerce	53	Successfully completed
59	NOC23HS30S43 430343	noc23-hs30	EnhancingSoftSkillsandPersonality	JayeshDhanai	jayeshdhanai06@gmail.com	commerce	43	Successfully completed
60	NOC23HS30S43 430355	noc23-hs30	EnhancingSoftSkillsandPersonality	BabitaMahar	maharbabita7@gmail.com	commerce	45	NoCertificate
61	NOC23HS30S43 430361	noc23-hs30	EnhancingSoftSkillsandPersonality	Amitmakhloga	makhlogaamit@gmail.com	businessadministration	52	NoCertificate
62	NOC23HS30S43 430367	noc23-hs30	EnhancingSoftSkillsandPersonality	Manishsingh	manishkalura333@gmail.com	businessadministration		NoCertificate
63	NOC23BT12S43 430380	noc23-bt12	BioInformatics:AlgorithmsandApplications	IshaSinghal	ishasinghal849@gmail.com	microbiology		NoCertificate
64	NOC23CS42S53 430014	noc23-cs42	CloudComputing	ShivaniNegi	shivaninegi7060@gmail.com	other	24	NoCertificate
65	NOC23CS42S53 430027	noc23-cs42	CloudComputing	TriptiKhurana	yunika.tripti19@gmail.com	other	40	NoCertificate
66	NOC23CS18S53 430036	noc23-cs18	IntroductiontoMachineLearning	KANIKANEGI	negikanika2002@gmail.com	other		NoCertificate
67	NOC23CS42S63 430043	noc23-cs42	CloudComputing	NITYA AGGARWAL	07nityaaggarwal@gmail.com	other	42	Successfully completed
68	NOC23CS42S63 430055	noc23-cs42	CloudComputing	Khushi	chauhankhushi582@gmail.com	other		NoCertificate
69	NOC23CS42S63 430067	noc23-cs42	CloudComputing	ManishSemwal	manishsemwal018@gmail.com	other	51	Successfully completed
70	NOC23CS49S63 430078	noc23-cs49	ProgrammingInJava	MayankDobhal	mayankdobhal0025@gmail.com	data science		NoCertificate
71	NOC23CS42S63 430079	noc23-cs42	CloudComputing	MansiPokhriyal	mansipokhriyal79@gmail.com	other	49	Successfully completed
72	NOC23CS42S53 430111	noc23-cs42	CloudComputing	Lovishsharma	lov557474@gmail.com	computer_science_and_engineering	67	Elite
73	NOC23CS42S53 430162	noc23-cs42	CloudComputing	Sakshamkhanduri	sakshamkhanduri2@gmail.com	computer_science_and_engineering	58	Successfully completed
74	NOC23CS42S53 430179	noc23-cs42	CloudComputing	ShekharJugtwan	shekharjugtwan2002@gmail.com	computer_science_and_engineering	67	Elite
75	NOC23CS42S63 430273	noc23-cs42	CloudComputing	AkashBalodi	akashbalodi17@gmail.com	computer_science_and_engineering	65	Elite
76	NOC23CS42S63 430333	noc23-cs42	CloudComputing	AvinayRawat	avinay.3060@gmail.com	other	50	Successfully completed

Students Registered in Swayam Courses (Jan-April2022)

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

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	BasiccourseinBiomedi calResearch	VarunDixit	varund209@gmail.co m	general_surgery		NoCertificat e
32	NOC23HS30S33 430175	noc23-hs30	EnhancingSoftSkillsan dPersonality	VanshNegl	vanshnegi0786@gma il.com	businessadministrati on	45	Successfully completed
33	NOC23HS30S33 430187	noc23-hs30	EnhancingSoftSkillsan dPersonality	Raojariyabali	zaryabrana0786@gm ail.com	commerce	62	Elite
34	NOC23HS30S43 430193	noc23-hs30	EnhancingSoftSkillsan dPersonality	Abhaysolanki	abhaysolankisgrr@g mail.com	commerce	53	Successfully completed
35	NOC22MD01S4 3430203	noc22-md01	BasiccourseinBiomedi calResearch	CHIRAGAHUJA	chigsahuja1@gmail.c om	annesthesiology		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	BasiccourseinBiomedi calResearch	ShardulRana	doctormuscle2887@g mail.com	other		NoCertificat e
45	NOC23HS30S43 430247	noc23-hs30	EnhancingSoftSkillsan dPersonality	AnuragYadav	anuragyadav63901@ gmail.com	commerce	31	NoCertificat e
46	NOC23MG12S4 3430249	noc23-mg12	FinancialStatementAn alysisandReporting	DrishtiAggarwal	drishtiaggarwal95@g mail.com	other	27	NoCertificat e
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
49	NOC23HS30S43 430271	noc23-hs30	EnhancingSoftSkillsan dPersonality	AyushiBisht	ayushibisht652@gma il.com	commerce	53	Successfully completed
50	NOC23HS30S43 430289	noc23-hs30	EnhancingSoftSkillsan dPersonality	HimanshuChauha n	chauhanhimanshu959 @gmail.com	accountingandfinan ce	70	Elite
51	NOC23CE10S43 430292	noc23-ce10	AppliedEnvironmental Microbiology	Swatibisht	bishtswati98@gmail. com	microbiology	35	NoCertificat e

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2.3 Adaptive Learning: Activities or programs for tutoring systems and personalised learning strategies that are adapted to the various needs of students and guarantee that no one is left behind.

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

3. Student Access and Support

3.1 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.

SN	Category of Event	Link
1	Policy for scholarships and fee concessions for the students of various programmes	For more info
2	Financial Aid and Scholarships	For more info

The University offers students opportunities to improve their skills through a number of Memorandums of Understanding (MOUs) it has signed with both domestic and foreign organizations. In addition to clinical postings, several programs at the undergraduate and graduate levels currently include internship and dissertation possibilities. These programs are focused on improving students' competency, employability, skill development, and entrepreneurship. Numerous internships related to app development, machine learning, artificial intelligence, cloud computing, and web development have been completed by students in the healthcare program at the hospital as well as by students from other programs in the industry, such as engineering at TCS iON, THDC, BHEL, Diginique Tech Labs, IBM, etc. Biomedical engineering students can also complete an internship or practical training at the Himalayan Hospital on campus. Students in other programs also go through this kind of interactive, hands-on, and real learning.

SN	Category of Event	No. of Events
1	Mentoring Policies-SRHU	**Click Here**
2	Log Book of Mentor.pdf	**Click Here**
3	Number of value-added courses offered (2023-24) that impart transferable and life skills	
	Brochure or Course content or syllabus relating to the Value-added courses	2023-24
		No. of VAC- **34**

(Note: For row 3, the "For more info" link spans the rightmost column.)

SN	Category of Event		No. of Events
1	Mentoring Policies-SRHU		**Click Here**
2	Log Book of Mentor.pdf		**Click Here**
3	Number of value-added courses offered (2023-24) that impart transferable and life skills		**For more info**
	Brochure or Course content or syllabus relating to the Value-added courses	2023-24	
		No. of VAC- **34**	

3.2 Inclusivity and Accessibility

In order to guarantee that everyone has equal access to education, services, and opportunities, regardless of their physical capabilities, it is imperative to create an environment that is disability-friendly. The building of necessary infrastructure, including ramps, elevators, and accessible restrooms, has demonstrated the institution's commitment to accessibility and allowed students with physical disabilities to move around easily. Wheelchair users can easily move between levels of a building without encountering physical obstacles thanks to ramps and lifts that are specifically designed for wheelchair use. Additionally, the provision of wider-door accessible restrooms and support bars guarantees that students with mobility impairments are not denied access to basic amenities. Additionally, assistive technology are crucial in helping workers and students with impairments in their workplaces and educational settings. Instruments.

The Institution has disabled-friendly, barrier free environment Geotag photographs of the facilities

S.Ns	Title	Link to relevant document
1	Built environment with ramps/lifts for easy access	For More Info
2	Disabled-friendly washroom	For More Info
3	Signage including tactile path, lights, display boards and signposts	For More Info
4	Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment	For More Info

5	Provision for enquiry and information: Human assistance, reader, scribe, soft copies of reading material, screen reading	[For More Info](#)

The University supports students' overall growth by providing opportunities for field trips, research projects, industry internships, visits, and community postings as part of its well-crafted curricula. Over the years, the university has inked a number of Memorandums of Understanding (MOUs) with both domestic and foreign organizations, giving students access to venues for skill development. In addition to clinical postings, several programs at the undergraduate and graduate levels currently include internship and dissertation possibilities. These programs are focused on improving students' competency, employability, skill development, and entrepreneurship. There are 22 national and international functional Memorandums of Understanding, and the average number of collaborative activities for research, faculty-student exchange, student-exchange, and industry-internship every year is 104.

SN	Category of Event	No. of research /Activities
1	Pedagogical Research	5
2	Community and Outreach Programs	more than 500/year
3	National & International Collaborations	22

4. 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

SN	Category of Event	No. of Professional development/administrative training programme organised by the institution	
1	Faculty Training	**2023-24**	6

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	**(2023-24)** - **13 (Patent)** - **10 (Copyright)** - **5 (Industrial Design)**	[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	SDG Category
UCB/HLD/22/53	05-06-2022	16.60	8,56,516.00	Himalayan Institute of Medical Sciences	SDG-7 Affordable and clean energy

UCB/HLD/22/55	05-06-2022	9.75	8,69,161.00	Himalayan Institute of Medical Sciences	SDG-6 Clean water and sanitation
UCS&T/R&D-19/22-23/21108	07.06.2022	9.35	7,48,000.00	Himalayan School of Science & Technology	SDG-7 Affordable and clean energy
UCS&T/R&D-12/21-22/20948	05-09-2022	13.84	11,98,250.00	Himalayan Institute of Medical Sciences	SDG-3 Good health and well being
UCS&T/R&D-18/22-23/21107	07.06.2022	8.05	7,77,494.00	Himalayan Institute of Medical Sciences	SDG-3 Good health and well being
UCS&T/R&D-21/22-23/21102	07.06.2022	9.38	8,77,732.00	Himalayan Institute of Medical Sciences	SDG-3 Good health and well being
ICMR/NIE/RABIES/2022/058	9.9.2022	18.37	13,78,125.00	Himalayan Institute of Medical Sciences	SDG-3 Good health and well being

UCS&T/R&D-07/22-23/21059	31.05.2022	9.44	7,15,000.00	Himalayan Institute of Medical Sciences	SDG-3 Good health and well being
5/8/4-4/CRISPI/TF/2022-NCD-II	28.11.2022	123.06	1,23,26,380.00	Himalayan Institute of Medical Sciences	SDG-3 Good health and well being
STW/Nconatology/2 023-NCD-1I	02-01-2024	153.36	1,53,36,008.00	Himalayan Institute of Medical Sciences	SDG-4 Quality education
2023-NHRP-NEONATAL MORTALITY-IR DATED 22.2.2024	22-02-2024	512.65	1,84,06,242.00	Himalayan Institute of Medical Sciences	SDG-3 Good health and well being
F.No.R.12016/10/2024-HR/E-Office:8292783	25.09.2024	62.00	32,87,500.00	Himalayan School of Biosciences	SDG-4 Quality education
F.No.R.12016/10/2024-HR/E-Office:8292790	25.09.2024	43.00	16,61,500.00	Himalayan Institute of Medical Sciences	SDG-4 Quality education

5. Infrastructure and Learning Resources.

University instructors use online resources and ICT (information and communication technology) enabled tools to improve the teaching and learning process. All of the university's classrooms are equipped with ICT. Broadband Internet access and Wi-Fi are available throughout the campus. Every classroom has Internet connectivity, smart boards, and LCD projectors. There are video conferencing capabilities at the e-learning resource lab. With the launch of the University's SWAYAM NPTEL Local Chapter, students now have a way to sign up for Massive Open Online Course (MOOC) courses. Combining interactive online

learning activities with the flipped classroom paradigm via Google Classroom, Google Meet, Microsoft Teams, and Zoom results in a flexible and user-friendly curriculum.

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

The cornerstone of Swami Rama Himalayan University (SRHU) was peace and service to humanity. Throughout the year, students of all genders engage in a variety of extracurricular and co-curricular activities (sports, cultural events, and literary and fine arts pursuits) both inside and outside of the university.The events feature performances from SRHU's faculty, staff, students, and campus residents. The university cultivates a lively and comprehensive.

List of Activities (2023-24)

S. No.	Name of the Event	Date	Days	No. of participants	Link to Report
1.	World Environment Day	05.06.2023	1	412	For more info
2.	International Yoga Day	21.06.2023	1	184	For more info
3.	Id-Ul-Juha	29.06.2023	1	36	For more info
4.	Independence Day	15.08.2023	1	1637	For more info
5.	Republic Day	26.01.2024	1	1475	For more info
6.	National Science Day	28.02.2024	1	241	For more info
7.	Foundation Day	12-14.03.2024	3	5267	For more info
12.	International Yoga Day	21.06.2024	1	353	For more info

6. Quality Assurance and Continuous Improvement

6.1 Accreditation and Quality Audits: - Swami Rama Himalayan University (SRHU) created an Internal Quality Assurance Cell (IQAC) on December 8, 2018, in accordance with the National Accreditation and Assessment Cell's (NAAC) requirements, in order to improve the quality of the university's administrative and academic performance. **For more info**.

6.2 Feedback and Assessment Mechanisms

Swami Rama Himalayan University has consistently offered a comprehensive education that nurtures both intellectual growth and practical abilities. Committed to excellence, we recognize the dynamic nature of education and the shifting demands of the world. To keep our curriculum innovative and up-to-date, the University has implemented a feedback system engaging all units across different schools and colleges.

**Curriculum Feedback responses for the year 2023-24**

Particulars	Number of responses
Teachers	489
Alumni	123
Students	1789
Professional	65
Employer	23

Feedback Analysis for the year 2023-24
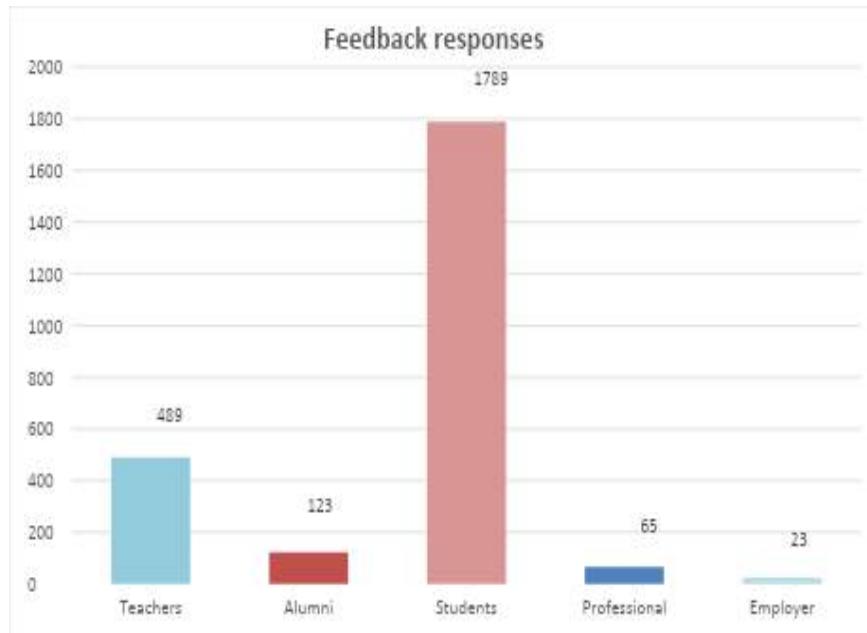
a.   Teachers' Feedback:
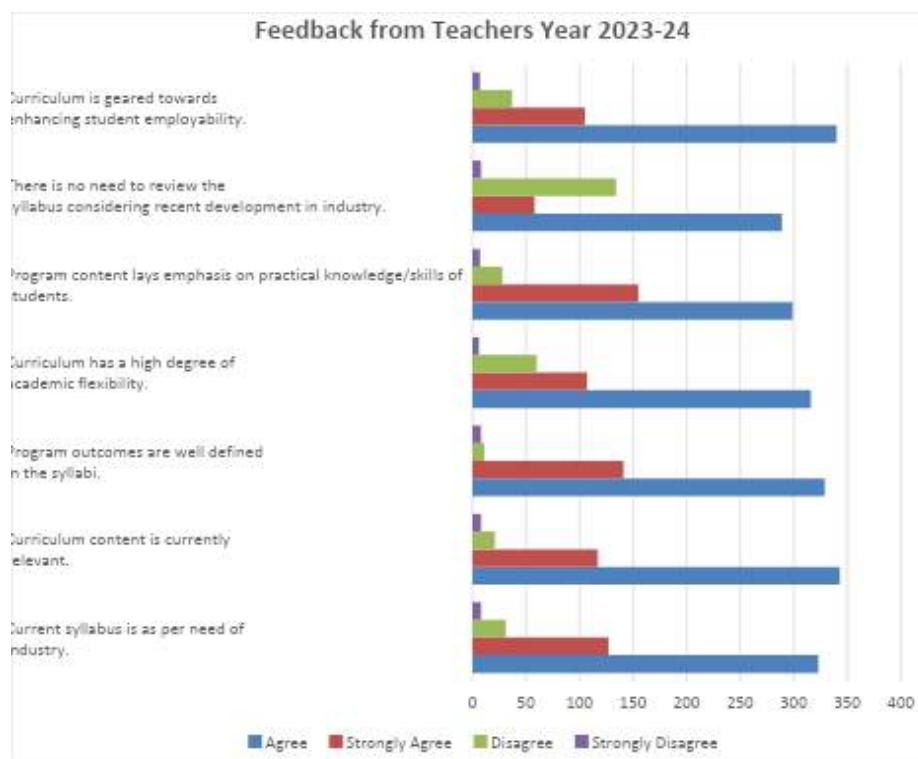
b.   Student's Feedback:

Student's Feedback
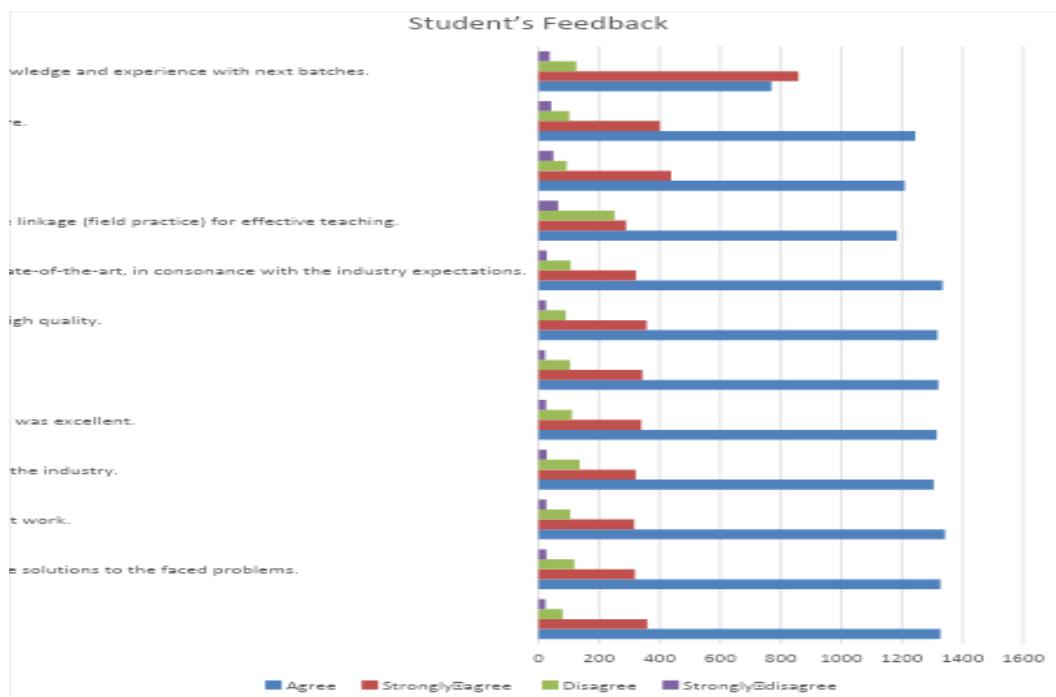
c.   Professionals' Feedback:

Feedback from Professionals Year 2023-24
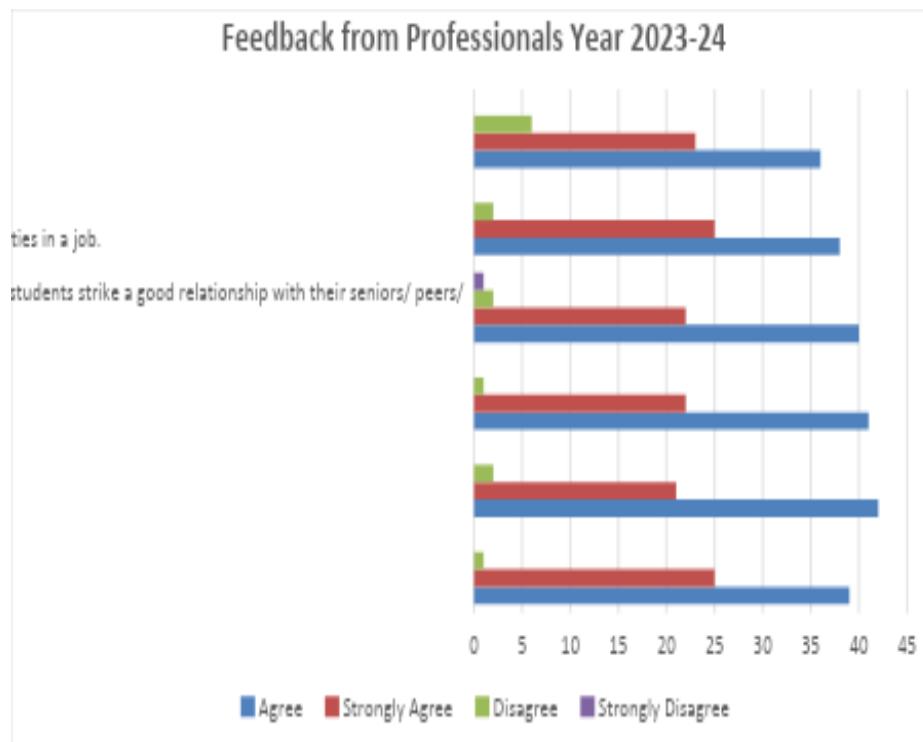
d.   Employer's Feedback:

Feedback from Employer Year 2022-23
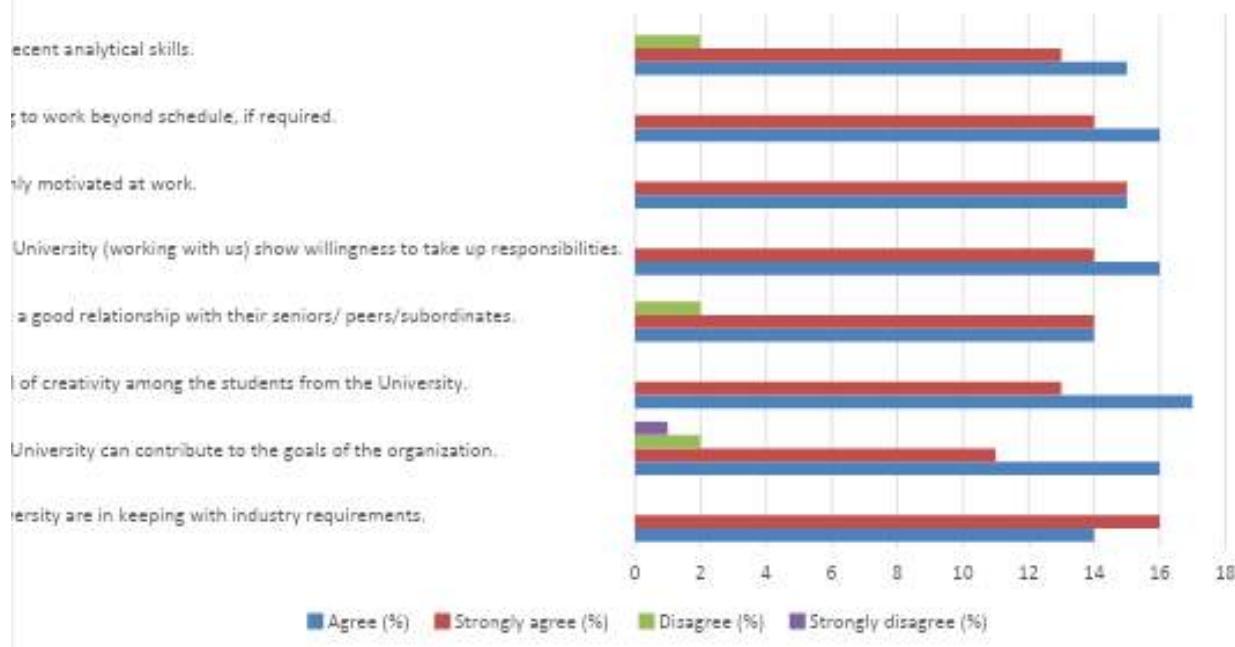
SUSTAINABLE DEVELOPMENT GOALS

SUSTAINABLE DEVELOPMENT GOALS

5

GENDER EQUALITY

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1. Curricular Integration on Gender

SRHU's commitment to gender equality is reflected in its curriculum, which offers a range of courses designed to address gender issues and promote inclusivity, thus contributing to the achievement of SDG 5: Gender Equality. Out of 1134 courses offered by the university, 204 are directly related to cross-cutting gender issues, ensuring that students are equipped with the knowledge, skills, and awareness to address and challenge gender inequality in various professional and societal contexts.

These courses play a pivotal role in achieving SDG 5 target**s**, including:

- *Target 5.1*
    - *Community Medicine*: Addressing gender-specific health needs and promoting gender-sensitive public health interventions.
    - *Gender Inequality and Gender Studies*: Directly targeting the issue of gender inequality, exploring the socio-economic, cultural, and political dimensions of gender disparity.
- *Target 5.2*
    - *Courses in Sociology and Social Work*: Exploring gender roles, domestic violence, and women's empowerment, while analyzing the impact of societal structures on gender inequalities.
- *Target 5.3*
    - *Public Health Policy and Health Promotion:* Developing gender-sensitive policies and healthcare strategies aimed at reducing health disparities and ensuring equal access to healthcare services, including the elimination of harmful gender-based practices.
- *Target 5.4*
    - *Courses in Nursing and Social Work:* Addressing gender roles within the family and in caregiving, emphasizing the importance of shared responsibilities and promoting equal participation in household and family duties.
- *Target 5.5*
    - *Health Policy Planning and Public Health Leadership:* Equipping students with the tools to advocate for and implement gender-sensitive policies, ensuring equal opportunities for women in leadership and decision-making roles within healthcare and public health sectors.
- *Target 5.6*
    - *Obstetrics & Gynaecology:* Focusing on women's health, reproductive rights, and maternal care, with an emphasis on gender equality in healthcare access.

The courses cover a broad spectrum of topics that directly contribute to these targets:

Courses related to **Nursing, Sociology**, and **Social Work** explore issues such as gender roles, domestic violence, women's empowerment, and the impact of societal structures on gender inequalities.

Furthermore, the curriculum emphasizes **Health Policy Planning, Medical Education Technology, Health Economics**, and **Research Methodology** to foster a deeper understanding of the systemic nature of gender inequality and the importance of integrating gender perspectives into public health practices and policymaking.

The university also offers **Yoga** and **Alternative Therapie**s courses, integrating gender-sensitive practices that support women's health and well-being. By fostering awareness of gender in various professional fields, SRHU ensures that its students are not only informed but also empowered to advocate for and implement gender equality initiatives in their future careers. This comprehensive approach significantly contributes to SDG 5 and its related targets by promoting gender equality, empowering women, and ensuring equal access to opportunities and resources.

2. Gender Sensitization Programs

In alignment with Sustainable Development Goal (SDG) 5, aimed at ensuring gender equality and empowering women and girls, our University has initiated a number of proactive measures to promote gender sensitization and awareness. These initiatives aim to foster an inclusive and equitable campus culture, improve understanding of gender issues, and motivate sustained behavioral changes towards gender equality among students, faculty, and staff.

Initiative	Sessions on Gender sensitization
Objective	Foster an inclusive, equitable campus environment, enhance understanding of gender issues, and inspire behavioral change towards gender equality.
Number of Programs	**18** gender sensitization programs conducted in 2023-24.
Total Participants	**908** participants, including students, faculty, and staff.
Key Topics Discussed	Gender stereotypes, workplace equality, gender-based violence, and women's empowerment in education and society.
Impact	Reinforced the University's commitment to creating a gender-sensitive learning environment and advancing SDG 5.

The sessions conducted during the academic year 2023-24 are listed below.

1. **Date:17/6/24**

The Department of Human Resources conducted a Gender Sensitization session for new staff as part of the induction program, led by Ms. Shashi Dhyani. The session focused on key concepts such as gender equality and equity, while introducing the University's policies on inclusivity, anti-discrimination, and reporting gender-related issues. Through interactive

discussions and real-life case studies, participants were encouraged to challenge stereotypes and adopt more inclusive perspectives. The session highlighted the importance of fostering a workplace culture based on equity and respect, equipping employees with the awareness and tools needed to support inclusivity.

No. of participants: 28

2. **Date:16/5/24**

The Department of Human Resources conducted a Gender Sensitization session as part of the induction program for newly recruited staff members. The primary goal was to raise awareness about gender-based discrimination, biases, and stereotypes. Led by Ms. Shashi Dhyani, the session began with a discussion on essential concepts like gender, gender equality, and gender equity. Ms. Dhyani also introduced the University's policies on gender inclusivity, anti- discrimination, and the procedures for reporting gender-related issues. Participants were encouraged to challenge preconceptions and embrace a more inclusive mindset through interactive group discussions and the analysis of real-life case studies.

No of Participant: 22

3.   Date:29/4/24

The session on Gender Sensitization was conducted by the department of Human resources as a component of the Induction program for newly recruited staff members. The primary aim of the Gender Sensitization session was to raise awareness on gender-based discrimination, prejudices and stereotypes. The session led by Ms. Shashi Dhyani commenced with a discussion on fundamental concepts, including gender, gender equality and gender equity. The speaker introduced the rules and guidelines of the University regarding gender inclusive, anti-discrimination and the reporting systems for addressing gender related matters. Employees were motivated to challenge preconceptions and adopt a more inclusive mindset through engaging in group conversations and analyzing real life case studies.

No. of participants: 13

4.   Date:20/3/24

A Gender Sensitization session was conducted by the Department of Human Resources as part of the induction program for newly recruited staff. Led by Ms. Shashi Dhyani, the session aimed to raise awareness about gender-based discrimination, prejudices, and stereotypes. It introduced fundamental concepts like gender equality and equity, along with the university's guidelines on inclusivity, anti-discrimination, and reporting mechanisms for gender-related concerns. Through group discussions and real-life case studies, participants were encouraged to challenge stereotypes and embrace inclusivity. The session sought to empower staff to create a supportive and respectful workplace that promotes gender equality.

No. of Participant: 13

5.   Date:7/3/24

The session on Gender Sensitization was conducted by the department of Human resources as a component of the Induction programme for newly recruited staff members. The primary aim of the Gender Sensitization session was to raise awareness on gender-based discrimination, prejudices and stereotypes. The session led by Ms. Pooja Rawat commenced with a discussion on fundamental concepts, including gender, gender equality and gender equity. The speaker introduced the rules and guidelines of the University regarding gender inclusivity, anti-discrimination and the reporting systems for addressing gender related

matters. Employees were motivated to challenge preconceptions and adopt a more inclusive mindset through engaging in group conversations and analyzing real life case studies.

No. of participants: 13

6.   Date:13/2/24

A Gender Sensitization session was conducted by the Department of Human Resources as part of the induction program for new staff. Led by Ms. Shashi Dhyani, the session aimed to raise awareness about gender-based discrimination, stereotypes, and prejudices. It began with discussions on key concepts like gender, gender equality, and gender equity. Ms. Dhyani outlined the university's policies on inclusivity, anti-discrimination, and reporting mechanisms for gender-related issues. Participants engaged in group discussions and analyzed real-life case studies, encouraging them to challenge biases and adopt inclusive perspectives. The session emphasized fostering a supportive work environment that upholds gender equality.

Number of Participants: 22

7.   Date:29/1/24

The session on Gender Sensitization was conducted by the department of Human resources as a component of the Induction programme for newly recruited staff members. The primary aim of the Gender Sensitization session was to raise awareness on gender-based discrimination, prejudices and stereotypes. The session led by Ms. Shashi Dhyani commenced with a discussion on fundamental concepts, including gender, gender equality and gender equity. The speaker introduced the rules and guidelines of the University regarding gender inclusivity, anti-discrimination and the reporting systems for addressing gender related matters. Employees were motivated to challenge preconceptions and adopt a more inclusive mindset through engaging in group conversations and analyzing real life case studies.

No. of participants: 27

8.   Date:9/12/23

The department of human resources led a session on gender sensitization as part of the induction program for recently hired employees. The session conducted by Ms. Shashi Dhyani aimed to challenge preconceptions, stereotypes, and discrimination based on gender. The speaker gave an overview of the University's policies and procedures pertaining to gender equality, anti-discrimination, and reporting processes involving gender-related issues. Through group discussions and the analysis of real-life case studies, employees were encouraged to question stereotypes and embrace a more inclusive perspective.

No. of participants: 11
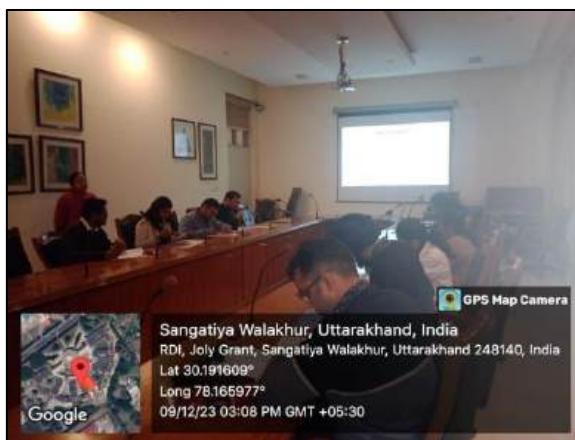
9.   Date:31/10/23

A session on Gender Sensitization was organised by the Department of Human Resources as a component of the Induction program for newly recruited staff members. The primary aim of the Gender Sensitization session was to raise awareness on gender-based discrimination, prejudices and stereotypes. The session led by Ms. Shashi Dhyani commenced with a discussion on fundamental concepts, including gender, gender equality and gender equity.

Employees were motivated to challenge preconceptions and adopt a more inclusive mindset through engaging in group conversations and analyzing real life case studies.

No. of participants: 50

10.   Date:7/10/23

A session on Gender Sensitization was conducted by the Department of Human resources as a component of the Induction program for newly recruited staff members. The primary aim of the session was to raise awareness on gender-based discrimination, prejudices and stereotypes. The session led by Ms. Shashi Dhyani commenced with a discussion on fundamental concepts, including gender, gender equality and gender equity. The speaker introduced the rules and guidelines of the University regarding gender inclusivity, anti-discrimination and the reporting systems for addressing gender related matters. Employees were motivated to challenge preconceptions and adopt a more inclusive mindset through engaging in group conversations and analyzing real life case studies.

No. of participants: 12

11.   Date:20/9/23

Dr. Ruchi Juyal, Professor at the Himalayan Institute of Medical Sciences, SRHU, conducted a gender sensitization lecture for 130 MBBS students to enhance their understanding of gender issues and promote equality in healthcare. The lecture covered key topics, including the importance of gender sensitization, common gender stereotypes and their impacts, and examples of gender bias in medical treatment. Students gained insights into the relevance of gender sensitivity in medical practice and strategies for creating an inclusive healthcare environment. Feedback indicated a significant increase in awareness and understanding, highlighting the lecture's effectiveness in addressing critical gender-related issues in healthcare.

No. of participants: 130

12.   Date:14/9/23

A session on Gender Sensitization was organized by the Himalayan School of Pharmaceutical Sciences, Swami Rama Himalayan University, on 14th September 2022. The session was conducted by Dr Ujjwal Nautiyal, Associate Professor at HSPS, who engaged with students to raise awareness about gender biases, stereotypes, roles, and inequalities present in society. The objective was to help students recognize and address gender-based issues, resolve interpersonal conflicts arising from these challenges, and empower them to act assertively and respond effectively in all aspects of life.

No. of Participants: 17

13.   Date:26/8/23

A session on Gender Sensitization was conducted by the Department of Human Resources as a component of the Induction program for newly recruited staff members. The primary aim of the Gender Sensitization session was to raise awareness on gender-based discrimination, prejudices and stereotypes. The session led by Ms. Shashi Dhyani commenced with a discussion on fundamental concepts, including gender, gender equality and gender equity. The speaker introduced the rules and guidelines of the University regarding gender inclusivity, anti-discrimination and the reporting systems for addressing gender related matters. Employees were motivated to challenge preconceptions and adopt a more inclusive mindset through engaging in group conversations and analyzing real life case studies.

No. of participants: 16

14.   Date: 11/8/13

A session on Gender Sensitization was conducted for B.Sc. Nursing students at the Himalayan College of Nursing, SRHU, led by Ms. Priya J.P. Narayan. The primary objective of this session was to enhance awareness and understanding of gender issues, including discrimination, stereotypes, and biases that affect individuals in healthcare and society. Ms. Narayan began the session by discussing essential concepts such as gender, gender equality, and gender equity. She emphasized the importance of fostering an inclusive environment within the nursing profession, which is vital for providing quality patient care. The session also covered the university's policies on gender inclusivity and anti-discrimination, highlighting the resources available for addressing gender-related concerns. Students participated in engaging discussions and group activities designed to challenge preconceived notions and promote respectful interactions.

No. of participants: 137

15.   Date: 7/8/2023

As a part of orientation program, a gender sensitization session was conducted at Himalayan School of Biosciences. This aimed to raise awareness about gender- related issues, promote gender inclusivity, and foster a respectful and equitable environment for all participants. The session began at 10:30 am, with an introduction by Dr. Geeta Bhandari, on gender equality. She started the session by explaining the distinction between gender and sex. The participants were encouraged to challenge stereotypes and explore the spectrum of gender identities. Further the session delved into prevalent gender stereotypes and biases that can

perpetuate inequality. Interactive discussions and activities helped participants recognize and address unconscious biases.

No. of participants: 49

Date:7/8/2023

Dr. Shweta Sethi, Professor, and Ms. Ekta Rao from the Himalayan School of Management Studies (HSMS) delivered an engaging presentation on gender sensitization to the first-year MBA, BBA, and B.Com students. The session began by introducing the concept of 'Gender Sensitivity,' emphasizing its importance in recognizing and respecting the needs of all genders. Through thought-provoking discussions on gender discrimination, career roles, and societal expectations of men and women, students were encouraged to reflect on their own perspectives. The session concluded with a call to action, urging students to challenge and overcome gender stereotypes to inculcate true gender equality.

No. of Participants: 175

17.   Date:5/8/2023

A session on Gender Sensitization was organized by the Himalayan school of Yoga Science, Swami Rama Himalayan University on 5th August 2022. The session was conducted by Dr.Omnarayan Tiwari, who engaged with students to raise awareness about gender biases,

stereotypes, roles, and inequalities present in society. The objective was to help students recognize and address gender-based issues, resolve interpersonal conflicts arising from these challenges, and empower them to act assertively and respond effectively in all aspects of life.

No. of participants: 42

18. **Date:2/8/2023**

A 'Gender Sensitization' session was held by the Himalayan School of Science and Technology (HSST), Swami Rama Himalayan University, on 2nd August 2023 for newly admitted students. Delivered by Mrs. Neelam Danu, Assistant Professor, Department of Applied Sciences & Humanities, the session aimed to promote gender equality and awareness. Mrs. Danu emphasized the importance of recognizing and addressing gender biases, stereotypes, and discrimination to foster inclusivity and mutual respect. She encouraged individuals and institutions to actively work towards building a more equitable society that values all gender identities.

No. of participants: 131

3. Support for Women's Empowerment

SRHU is committed to advancing gender equality and empowering women through targeted initiatives. Understanding the importance of breaking down barriers in women's education and career growth, the following actions have been implemented to enhance women's empowerment

Initiative	*Detail*
Maternity Leave and Workplace Equality	**Maternity Leave**: 90 days for female employees for recuperation and childcare. Corresponds with SDG Target 5.4. (For more information)
	Equitable Recruitment: Ensures equal treatment for all job applicants and employees, irrespective of gender or other characteristics. (For more information)
Fee Concession for Female Candidates	**Promotion**: Encourages women's participation in higher education, especially in technical fields..
	Eligibility: Top 5 female candidates admitted to the B.Tech CSE Program based on merit.
	Concession Details: 25% of the tuition fee for the first year, distributed over the academic year.
	This initiative directly supports SDG Target 5.1 and SDG Target 5.5 (For more information)

4. Inclusive and Safe Campus Environment

SRHU is committed to advancing gender equality, nurturing women's empowerment, and creating a secure, supportive environment through a range of initiatives. Below are the key efforts implemented by the University:

Internal Complaints Committee (ICC)

- **Compliance**: Established in accordance with the UGC (Prevention, Prohibition, and Redress of Sexual Harassment of Women Workers and Students in Higher Education Institutions) Regulations, 2015.
- **Responsibilities:** Investigates and resolves complaints of sexual harassment in the workplace.

- **Grievance Mechanism:** Reports incidents to the appropriate authorities and ensures timely and equitable redressal of complaints.
- **Annual Reporting:** Submits comprehensive reports to higher authorities, documenting incidents, actions taken, and preventive measures.
- **Alignment with SDG:** This initiative aligns with SDG Target 5.2, aimed at eradicating all forms of violence against women and girls.**(For more information)**

Safe and Accessible Infrastructure

- **Security Personnel:** Placement of security personnel at strategic checkpoints and female wardens in hostels to prevent assault, harassment, or abuse.
- **CCTV Surveillance**: Installation of 1,800 CCTV cameras across strategic locations to enhance safety.
- **Emergency Action Team**: Establishment of a team equipped to manage emergencies, bolstering safety infrastructure.
- **Well-lit Streets**: Streets equipped with generator systems to ensure safety at night, promoting a sense of autonomy and participation among female students.
- **Alignment with SDG:** Supports SDG 5.2 and SDG 5.4 by fostering a secure environment and enabling full participation in campus life. (For more information)

Gender-Sensitive Campus Initiatives

- **Common Areas**: Separate common areas for males and females with necessary amenities, catering to gender-specific needs.
- **Sanitary Facilities:** Installation of sanitary pad vending machines and waste disposal units in girls' common areas to promote women's health and hygiene.
- **Childcare Facilities:** The Udgam Pre-school and Day-care Facility, along with Vidya School, provide childcare support for working parents and students, alleviating caregiving duties.
- **Supplementary Facilities:** On-campus amenities such as parlors, tailoring services, and food stores reduce the need for female employees and students to leave the campus for daily essentials.
- **Alignment with SDG:** These initiatives support SDG 5.4, SDG 5.6, and SDG 5.A by addressing childcare needs, promoting health and hygiene, and fostering gender equality.

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. (**For additional information**)

Key Research Publications Contributing to Gender Equality (SDG 5)

The university's recent publications, reported in prestigious journals such as *Indian Journal of Community Health* and *Violence and Gender*, highlight the significant contributions of SRHU in addressing gender-related health issues. Key studies that support SDG 5 targets include:

1. **Prevalence of Sexually Transmitted Infections in Females Attending Community Health Centres**

   This study provides essential insights into the prevalence of sexually transmitted infections in rural women, advocating for gender-specific public health interventions to improve women's healthcare access. SDG 5.6

2. **Does Female Sexuality Decrease in Pregnancy?**

   Addressing women's sexual health and well-being during pregnancy, this research emphasizes the importance of understanding and addressing gender-based health needs.

   SDG 5.3

3. **Domestic Violence: Rehabilitation Programme for Victims**

   This research explores the rehabilitation of women facing domestic violence, advocating for comprehensive support systems to address gender-based violence.

   SDG 5.2

4. **Effect of COVID-19 on Intimate Partner Violence in India**

   focusing on the intersection of gender and violence during the COVID-19 lockdown, this study highlights the critical need for policies to protect women during crises.

   SDG 5.2

These studies are examples of how SRHU is not only advancing scientific knowledge but also actively contributing to the achievement of SDG 5 through research that directly addresses gender inequality and its associated challenges.
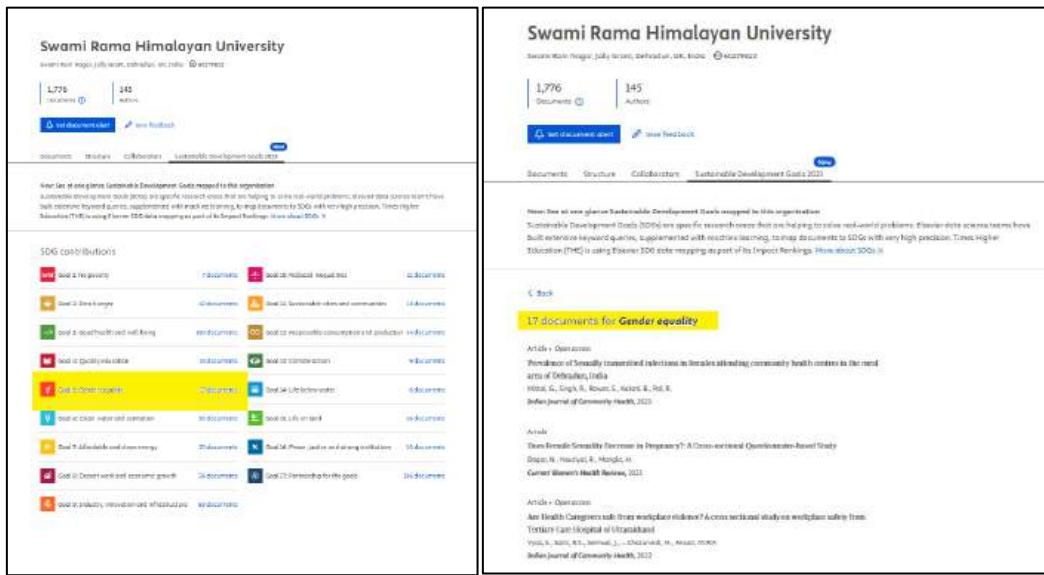
5.1 Workshops and Initiatives to Empower Women in Science and Technology

In alignment with **SDG 5.5**, SRHU also supports various initiatives that promote women's active participation in research and innovation, particularly in Science and Technology (S&T). The **NASI Uttarakhand Chapter's National Workshop on Women Empowerment in Uttarakhand through Science and Technology Interventions** in March 2024 was a key event that highlighted the transformative role of S&T in empowering women ([For more information](#)). The workshop focused on actionable strategies to increase women's

participation in STEM fields, improve healthcare access, foster entrepreneurship, and enhance socio-economic conditions in the region.

Key outcomes included:

- **Increasing Women's Participation in STEM**: Discussions emphasized the need for actionable strategies to increase the number of women in STEM fields, providing mentorship, training, and skill-building opportunities for women researchers, scientists, and entrepreneurs.
- **Improved Healthcare Access**: Experts presented gender-sensitive approaches to improving healthcare access for women, with a focus on leadership in healthcare sectors and early detection of cancers like cervical and breast cancer. *SDG 5.6*
- **Mentorship and Training**: The workshop highlighted the importance of mentorship programs and S&T training in building the confidence and skills of women in these fields. *SDG 5.4*
- **Collaboration for Women's Empowerment**: The workshop recommended fostering stronger collaborations between government, academia, and industry to create sustainable support systems for women in S&T. *SDG 5.A*

By promoting women's participation in research, innovation, and decision-making, SRHU is actively contributing to the achievement of SDG 5. The university's initiatives, from research publications addressing gender-based health disparities to workshops promoting women in STEM, exemplify its commitment to gender equality and the empowerment of women in research and innovation. This approach not only addresses immediate gender-specific challenges but also sets a foundation for long-term societal transformation, ensuring that women are equal partners in shaping a sustainable and equitable future.

6. Women's Health and Well-Being

To achieve gender equality and empower all women and girls, with a strong emphasis on women's health and well-being. This is reflected through various initiatives and programs, including those organized by the University. These initiatives align with SDG 5 by addressing issues like menstrual hygiene, breast cancer awareness, and access to healthcare, particularly for women in rural areas.

- *Menstrual Hygiene Awareness and Training*

Aligned with SDG 5.2, which seeks to eliminate violence and ensure access to reproductive health, HIMS organized a health camp to educate women on menstrual hygiene. The session covered the use of sanitary products, proper disposal, and maintaining hygiene to prevent infections. These efforts break societal taboos and equip young women with the knowledge necessary for maintaining their health. For more information

- *Breast Cancer Awareness and Early Detection*

In alignment with SDG 5.5, which focuses on women's leadership in health decisions, the Youth Council for Breast Health SRHU Chapter hosted sessions on breast cancer awareness. This initiative encouraged women to perform self-examinations and seek early screenings, providing crucial information to reduce the impact of breast cancer through early detection.For more information

- ***Women's Health Services and Access to Care***

Initiatives such as the health camps held in Doiwala and Gohri Mafi underscore the commitment to providing essential healthcare services to underserved communities. These camps focused on addressing non-communicable diseases and reproductive health concerns, thereby aligning with SDG 5.1, which emphasizes universal access to sexual and reproductive health services. By raising awareness and delivering targeted medical support, these initiatives played a pivotal role in empowering women and enhancing their overall health and well-being.For more information

- ***Empowerment Through Health Education and Advocacy***

Health education initiatives, such as the "Safe Motherhood Day" campaign, empower women with knowledge about maternal health, contributing to SDG 5.6. This campaign emphasized the importance of safe childbirth and quality maternal care, improving the health of mothers and babies.For more information

- ***Safe Environments for Women and Girls***

Ensuring the safety and security of women and girls is fundamental to achieving gender equality. A critical aspect of this is the elimination of all forms of violence, as outlined in SDG 5.2. Creating safe environments requires not only legal reforms but also collective societal action and awareness.

In alignment with these goals, the protest rally organized in response to the tragic killing of a female doctor highlights the collective effort to advocate for women's safety. This event served as a powerful reminder of the need to address and eliminate gender-based violence, raise awareness about its impact, and promote justice for victims. For more information

- ***Ongoing Support and Follow-Up Programs***

The regular follow-up sessions planned for ASHAs in rural areas ensure that women continue to receive support and education on menstrual hygiene and reproductive health, contributing to SDG 5.1. For more information

- ***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 (For more information)

7. 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.

SRHU prioritizes reproductive, maternal, child, and adolescent health within its healthcare and educational outreach initiatives. The innovative peer model for adolescent activities, implemented under the **SABLA scheme**, has impacted more than **110,000 adolescents**, targeting **SDG Goal 5.6**. The University's Public Health Days and health camps, coordinated by its various departments, involve marginalized women and girls to enhance their health outcomes. Through the promotion of inclusive education, skill development, and gender-sensitive healthcare, SRHU exemplifies gender equity in Uttarakhand and beyond. (For more Information)
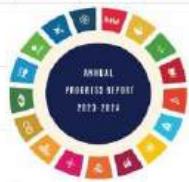
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6

CLEAN WATER AND SANITATION

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1. Challenges in achieving SDG6

- **Water Scarcity:** Growing population, climate change, and over-extraction are exacerbating water shortages.
- **Pollution and Contamination:** Industrial effluents, agricultural runoff, and lack of wastewater treatment facilities pose risks to water quality.
- **Infrastructure Deficiency:** Many rural areas lack basic infrastructure for water supply and sanitation.
- **Funding and Governance Issues:** Inadequate investments and weak regulatory frameworks hinder progress.

2. Strategies and solutions

- **Innovative Technologies:** Development of water purification systems, wastewater recycling, and desalination technologies.
- **Capacity Building and Education:** Promoting awareness and training programs for sustainable water management practices.
- **Public-Private Partnerships:** Encouraging collaboration between governments, NGOs, and private sectors to finance and implement water projects.
- **Policy Reforms:** Strengthening regulations, monitoring systems, and enforcement to ensure compliance with water safety standards.

3. Alignment with SRHU University goals

Swami Rama Himalayan University (SRHU) aligns with SDG 6 through the following initiatives:

1. **Research Programs:** Conducting research on water purification technologies, hydroponics, and wastewater treatment systems.
2. **Sustainable Infrastructure:** Implementing eco-friendly water management systems within the campus.
3. **Community Training Programs:** Empowering rural populations to adopt sustainable water usage and sanitation practices.
4. **Educational Integration:** Incorporating sustainable water management practices into academic curricula.
5. **Innovation and Development:** Promoting innovative solutions for water conservation and recycling.
6. **Outreach Activities:** Engaging in community outreach to raise awareness and provide training on sustainable water management.

4. Rainwater harvesting @SRHU

SRHU actively promotes sustainable water management practices through rainwater harvesting systems implemented across the campus. Key features include:

1. **Collection Systems:** Rooftop rainwater collection structures installed in multiple buildings to capture and store rainwater.
2. **Storage Tanks:** Large underground and overhead storage tanks to preserve harvested water for non-potable uses such as irrigation and cleaning.
3. **Groundwater Recharge:** Recharge pits and trenches to replenish groundwater levels and enhance aquifer sustainability.
4. **Water Conservation Awareness:** Regular workshops and awareness campaigns to educate students and staff about the importance of rainwater harvesting.
5. **Sustainability Monitoring:** Periodic evaluations and audits to assess system performance and optimize water usage efficiency.

5. Waste water recycling systems

SRHU has implemented wastewater recycling systems to promote efficient water use and minimize wastage. Key aspects include:

1. **Wastewater Treatment Plants:** Advanced systems are used to treat wastewater generated within the campus, ensuring it is safe for reuse.
2. **Reuse for Irrigation:** Treated water is utilized for irrigating gardens and green spaces, reducing the demand for fresh water.
3. **Sanitation Systems:** Recycled water is used for flushing toilets and cleaning purposes, conserving potable water.
4. **Laboratory Practices:** Water recycling technologies are integrated into laboratories to reuse water in experiments and processes.
5. **Monitoring and Maintenance:** Regular monitoring ensures the quality of recycled water, while maintenance practices keep the systems efficient and operational.
6. **Awareness Programs:** Workshops and awareness drives educate students and staff about the importance of water recycling and its role in sustainability.

Sewage Treatment Plant (STP)
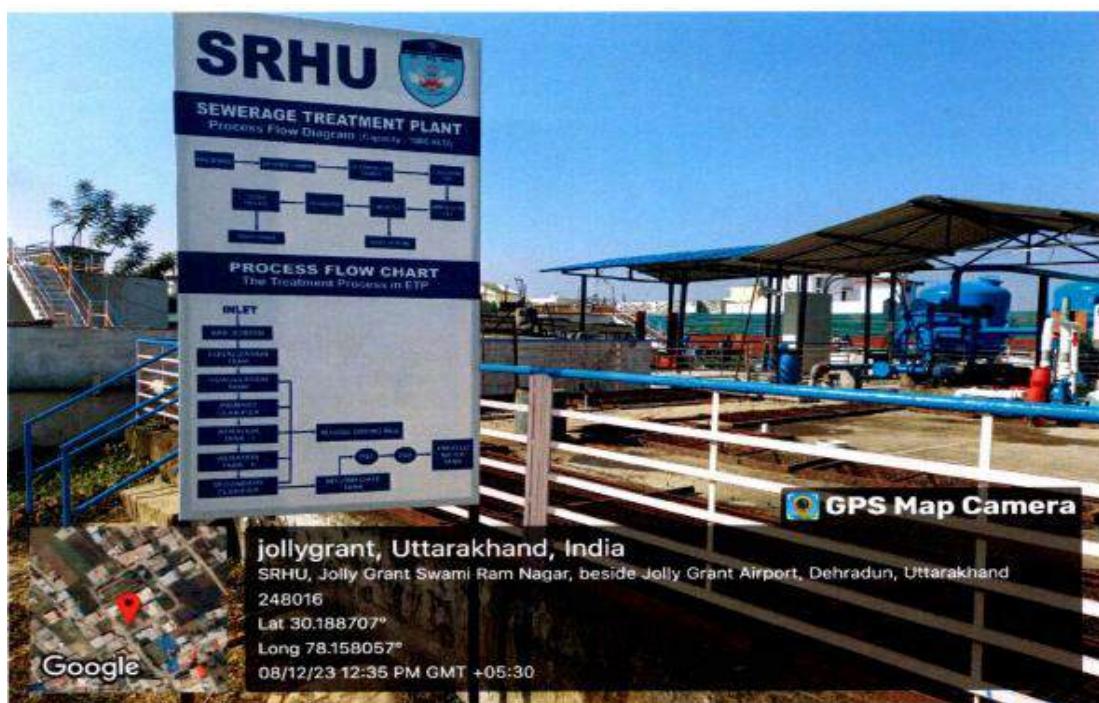
Process Flow Diagram (STP)

Sewage Treatment Plant no. 1
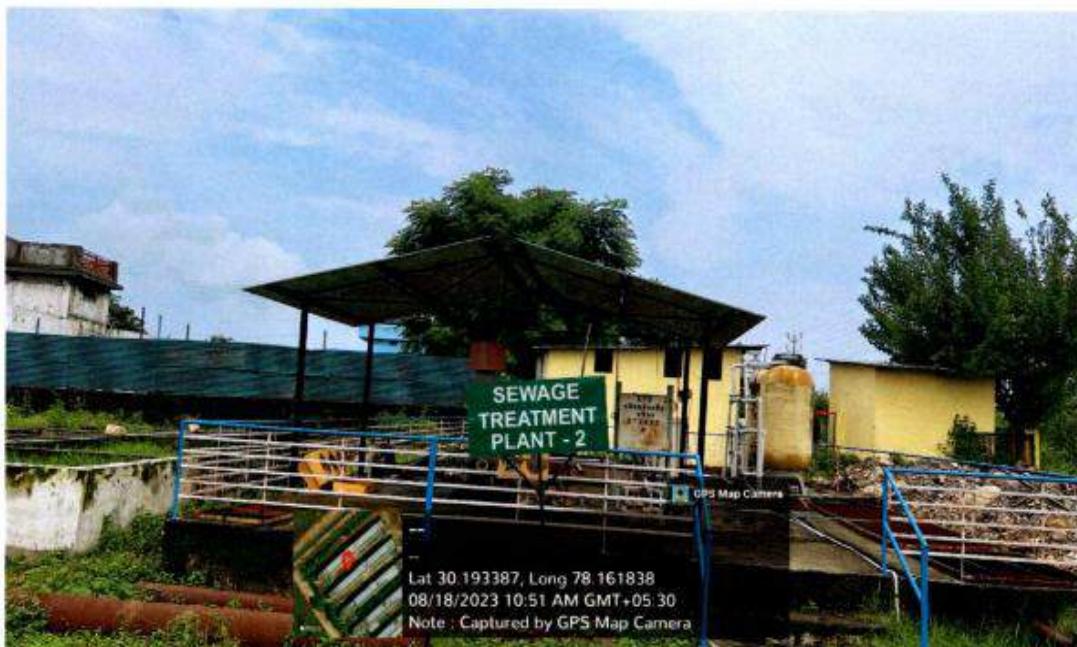
Sewage Treatment Plant no. 2
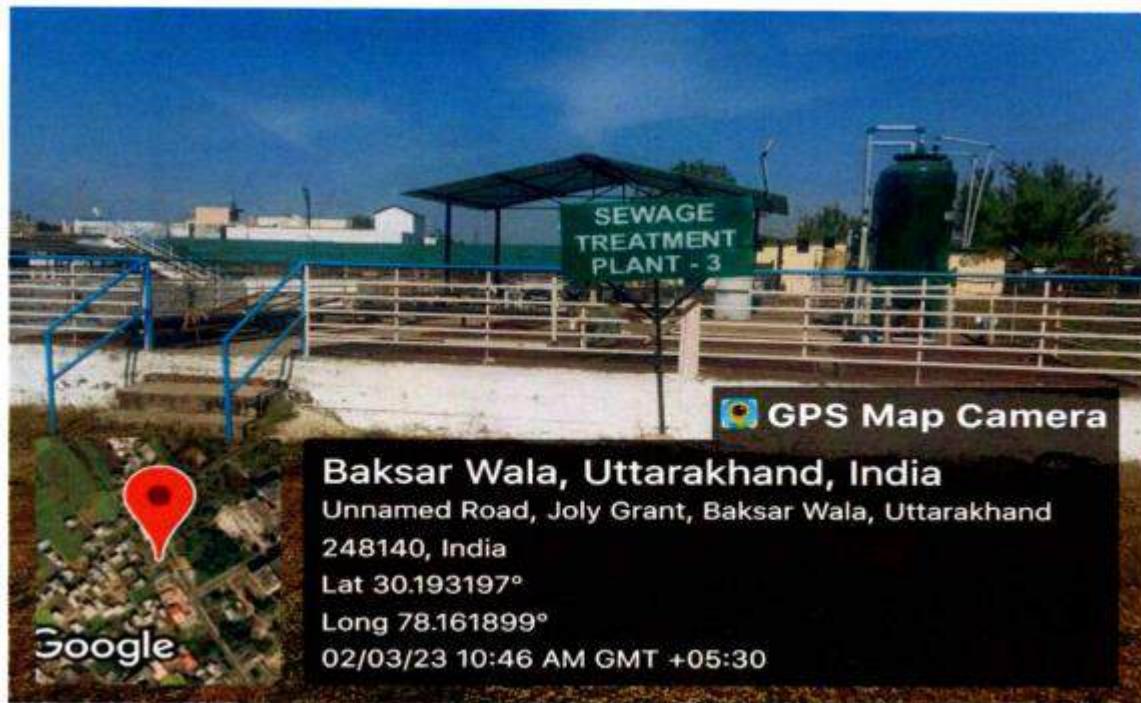
Sewage treatment plant no. 3
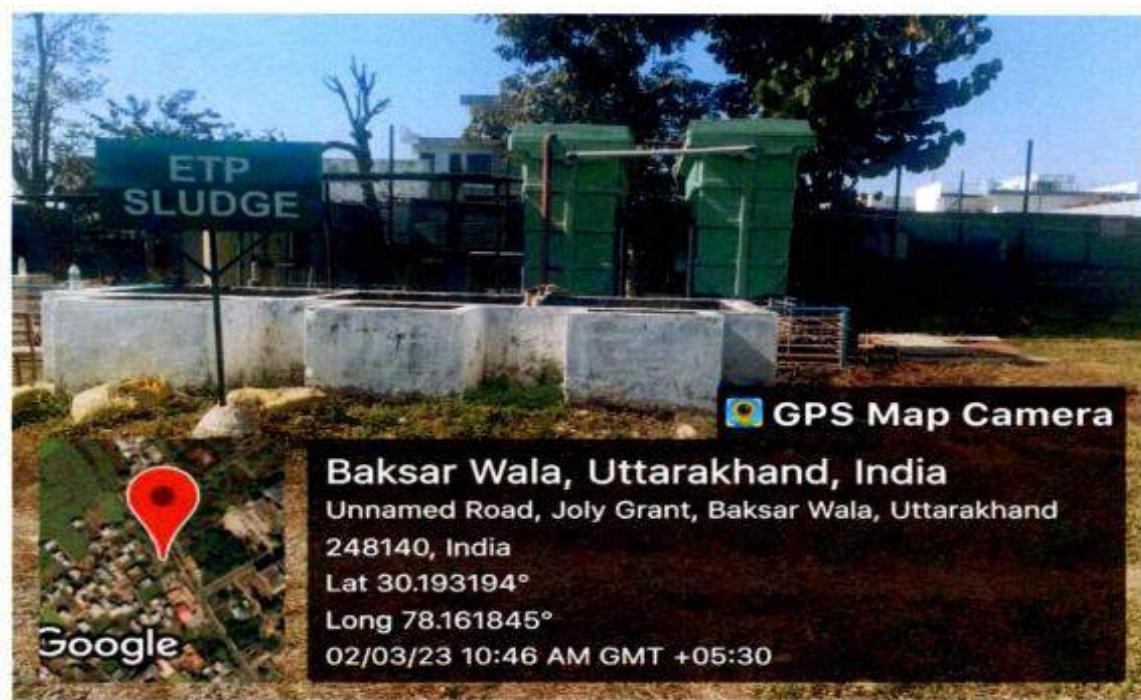
Effluent Treatment Plant (Capacity: 90 KLD)

6. Maintenance of water bodies and the water distribution system

SRHU ensures the proper maintenance of water bodies and the water distribution system within the campus to support sustainable water management. Key initiatives include:

- Periodic Cleaning and Desilting: Regular cleaning of water storage tanks, ponds, and recharge pits to prevent contamination and maintain water quality.

- Leakage Detection and Repairs: Timely identification and repair of leaks in pipelines to minimize water wastage.

- Water Quality Monitoring: Routine testing of water quality to ensure compliance with safety and health standards.

- Pipeline and Pump Maintenance: Regular inspection and servicing of pipelines, pumps, and valves to ensure uninterrupted water supply.

- Green Landscaping Practices: Incorporating sustainable landscaping techniques that reduce water consumption and promote groundwater recharge.

- Awareness Campaigns: Organizing awareness programs for staff and students on water conservation practices and distribution system management.

jollygrant, Uttarakhand, India
SRHU, Jolly Grant Swami Ram Nagar, beside Jolly Grant Airport, Dehradun, Uttarakhand 248016
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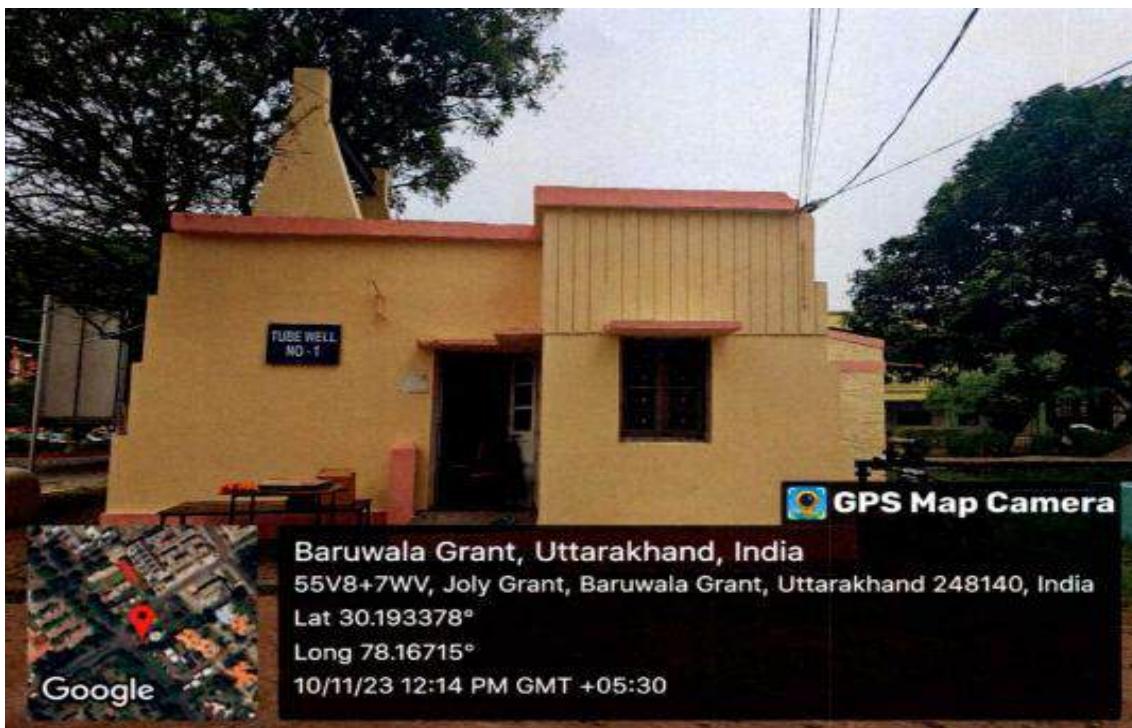
Tubewell No 1 with the distribution pipe
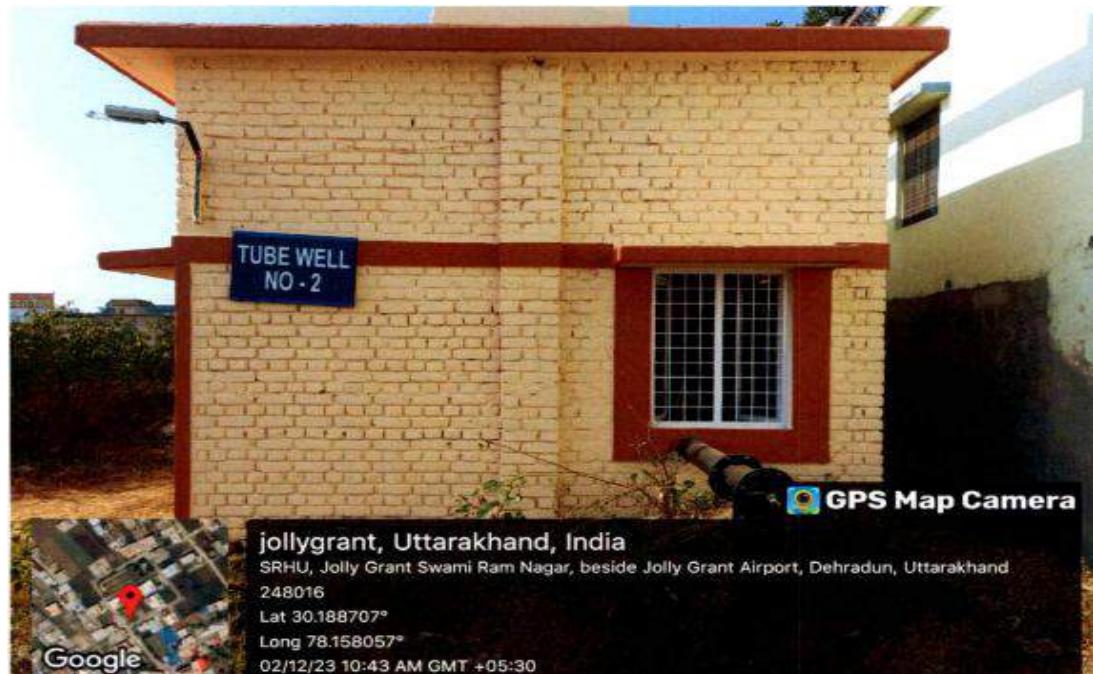
Tubewell No 2 with the distribution pipe
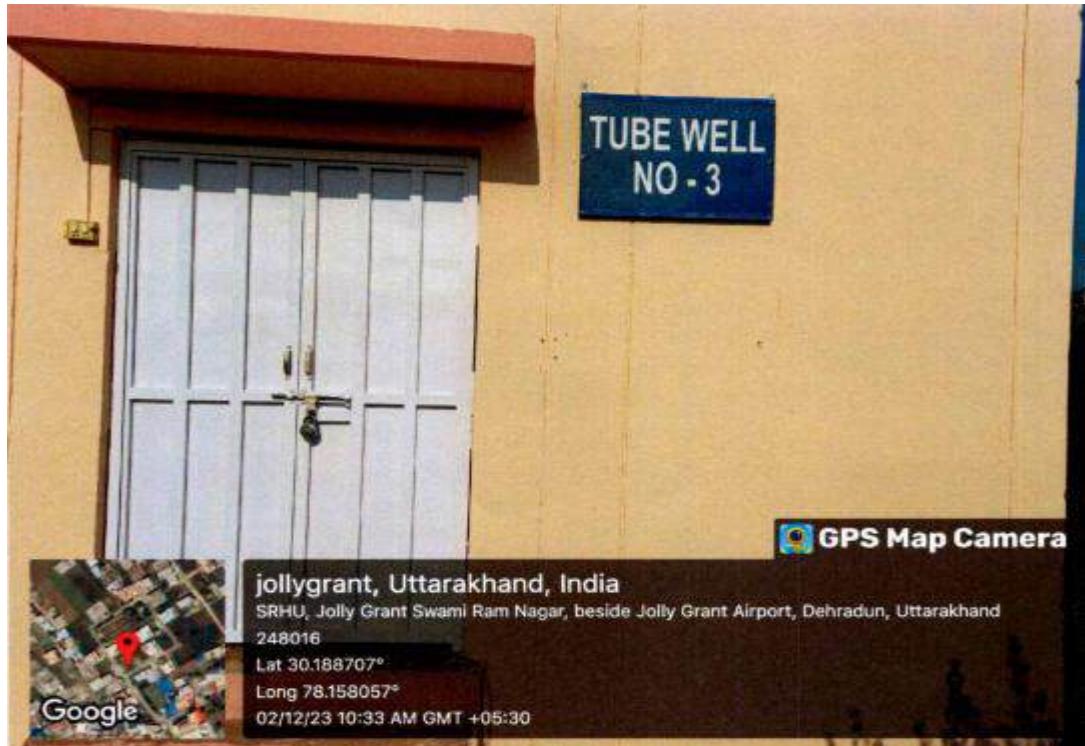
Tubewell No.3

Distribution pipe from the tubewell to underground well
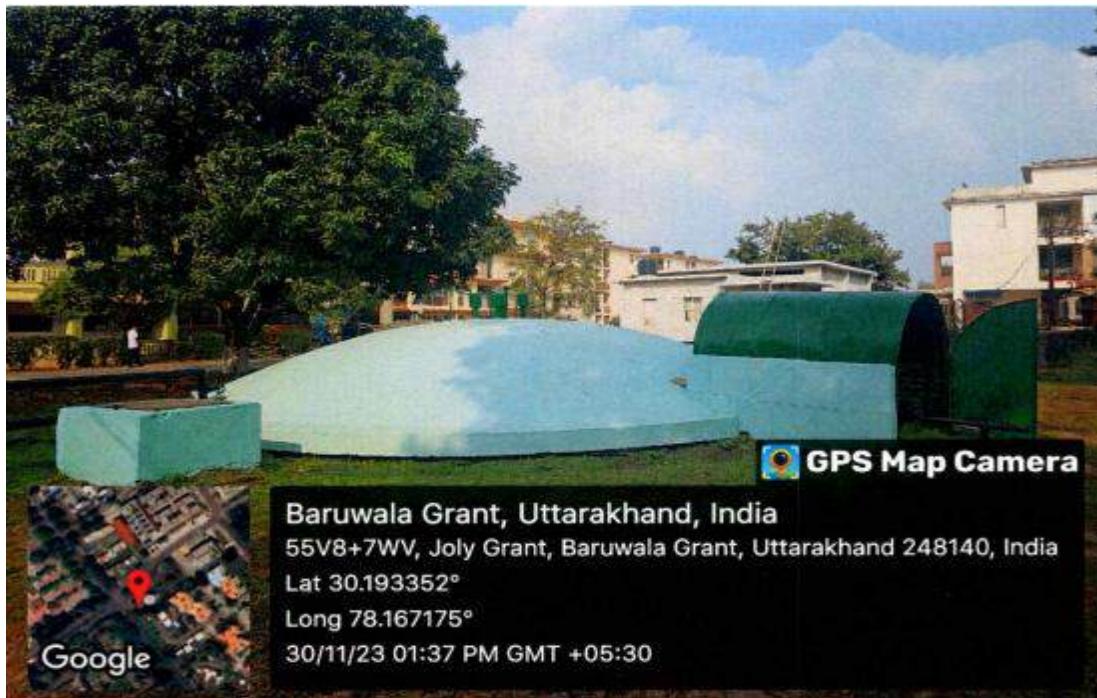
Underground Water Tank
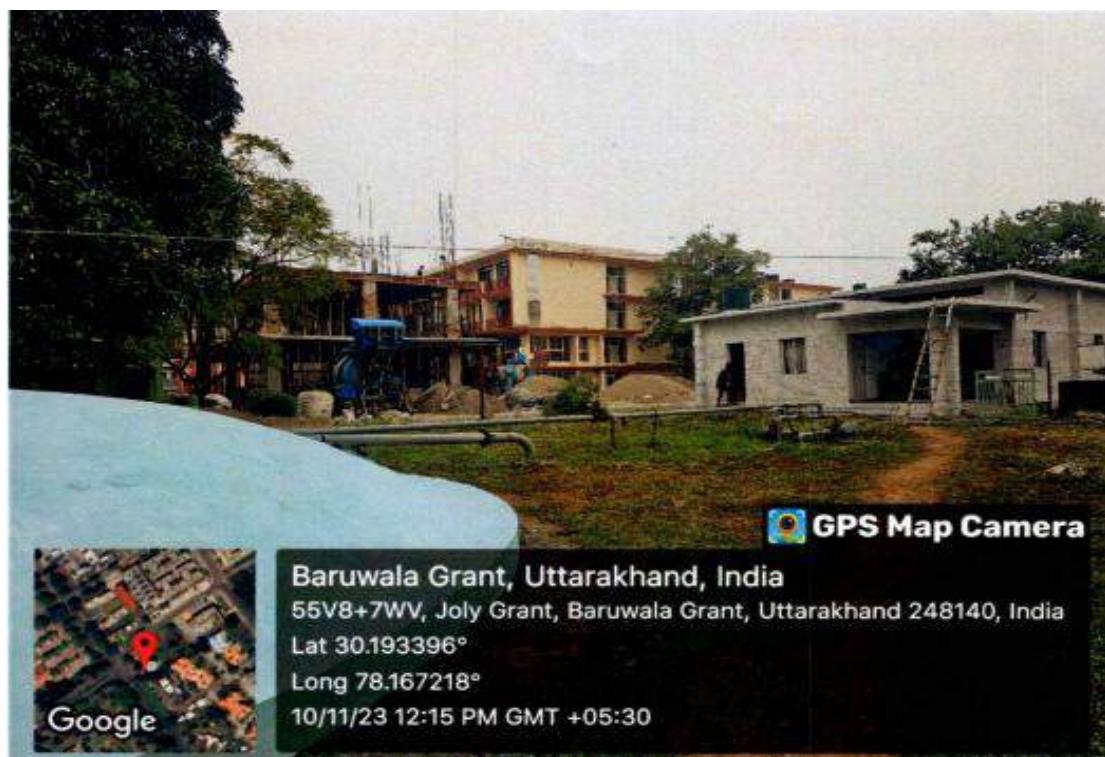
Pipelines for the distribution through underground water tanks

7. Tanks and Bunds

SRHU emphasizes the use of tanks and bunds as an integral part of its sustainable water management practices. These structures are vital for conserving water, preventing soil erosion, and supporting groundwater recharge. Key initiatives include:

1. **Water Storage Tanks:** Constructing large tanks to store rainwater and treated water for irrigation and other non-potable uses.
2. **Bunding Systems:** Establishing bunds in key areas to capture surface runoff and direct it to recharge pits or water bodies.
3. **Erosion Control:** Using bunds to prevent soil erosion and enhance soil moisture retention in landscaped and agricultural areas.
4. **Groundwater Recharge:** Designing tanks and bunds to channel excess water into aquifers, thereby maintaining groundwater levels.
5. **Community Awareness:** Educating the campus community on the importance and functioning of tanks and bunds in sustainable water management.
6. **Integration with Landscaping:** Incorporating tanks and bunds into the campus landscaping plan to maximize water conservation benefits.

Baruwala Grant, Uttarakhand, India
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248140, India
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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)

8. Policy on Liquid waste management:

SRHU follows a well-defined liquid waste management policy to ensure environmentally safe disposal and treatment of liquid waste. Key features include:

1. **Wastewater Treatment Plants:** Advanced treatment plants are installed to process liquid waste generated from laboratories, hostels, and other facilities.
2. **Segregation and Collection:** Liquid waste is segregated at source, collected, and directed to treatment plants.
3. **Treatment Processes:** Biological, chemical, and physical treatment methods are used to neutralize contaminants and make the water reusable.
4. **Reuse and Disposal:** Treated water is reused for irrigation, flushing systems, and cleaning purposes, while excess treated water is safely discharged following environmental regulations.
5. **Regular Monitoring:** Periodic checks and tests are conducted to ensure compliance with pollution control norms.
6. **Awareness and Training:** Staff and students are regularly trained in proper waste disposal techniques and the importance of liquid waste management.

Research Initiatives:

Aligned with Sustainable Development Goal 6, the University undertakes innovative research to ensure the availability and sustainable management of water and sanitation. 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.

9. Research Projects

The University provides research funds to promote the research for conduction of research (Intramural-Projects-Ongoing-2023.pdf, Intramural-Project-2024-Sanctioned-4.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 sps. as an emerging pathogen	04 Months	Nupur Joshi, Dr. Geeta Bhandari, Dr Archna 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 6 (SDG 6). 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.

10. Research publications:

The University is committed to advancing Sustainable Development Goal 6 (SDG 6) 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).

- 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

- Kumari, P., Dhasmana, A., Kishore, S., ...Mukherjee, N., Malik, S. Sustainable Green Approaches for Wastewater Purification. Advanced and Innovative Approaches of Environmental Biotechnology in Industrial Wastewater Treatment, 2023

- Vijaylakshmi,, Hemwati Nandan, R.M., Chaudhary, S., Bhandari, G. Microbial exopolysaccharides and their application for bioremediation of environmental pollutants. Advanced Microbial Technology for Sustainable Agriculture and Environment, 2023

- Gangola, S., Joshi, S., Bhandari, G., ...Bhandari, N.S., Mittal, A. Remediation of heavy metals by rhizospheric bacteria and their mechanism of detoxification. Advanced Microbial Technology for Sustainable Agriculture and Environment, 2023

- Malik, S., Kishore, S., Dhasmana, A., ...Minkina, T.M., Rajput, V.D. Wastewater. Water (Switzerland), 2023

- Rawat, G., Choudhary, R., Kumar, V.R. Microbial Biosurfactants and Their Implication Toward Wastewater Management. Handbook of Environmental Chemistry, 2023

- Malik, S., Dhasmana, A., Preetam, S., ...Singh, R.K., Rajput, V.D. Exploring Microbial-Based Green Nanobiotechnology for Wastewater Remediation: A Sustainable Strategy. Nanomaterials, 2022

- 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

11. Patents and Innovations

The University actively contributes to Sustainable Development Goal 6 (SDG 6) by fostering innovation and translating research into practical solutions through patentable technologies. Researchers and faculty members focus on developing cutting-edge technologies and systems that address water and sanitation challenges, emphasizing sustainability and community impact.

S.No.	Title of Patent	Name of the innovator	Patent number	Status
1	Roof Top Rain Water Harvester	Er. H.P. Uniyal	202311053398	Click Here
2	A System for Injecting Treated Rain Water Directly to the Aquifers	ER. H.P. Uniyal	202311008945	Click Here
3	IoT based irrigation system for precision agriculture	Dr. Pramod Kumar	202411073181	Click Here

12. Key Initiatives taken under SDG 6 by RDI

The organization's commitment to enhancing water, sanitation, and hygiene (WASH) services in rural areas is notable. By implementing various WASH programs, it has

successfully impacted over 550 villages, promoting sustainable health and hygiene benefits for these communities.

12.1 Key Resource Centre (KRC) under Jal Jeevan Mission

The Key Resource Centre (KRC) under the Jal Jeevan Mission focuses on capacity building and training for government officials, functionaries, and stakeholders involved in water and sanitation management. The program specifically targets Level-2 (Mid Management) and Level-3 (Community) participants. These training sessions are designed to enhance the skills and knowledge of individuals at these levels, improving their effectiveness in implementing and managing water and sanitation projects.

Key Focus Areas of WATSAN
Integrated water resources management (Source recharge, rejuvenation, Source sustainability, Rain water, Springshed & Catchment area protection)
Services (Water Supply Schemes, Rain Water Harvesting Tank, Springshed Management Sanitation, Environment & NRM, Community Education)
Technical Support at Community and Institutional level
Developing and Promoting Innovative Technologies (Existing technology vs. Innovative technology, Use of traditional wisdom & technology with scientific approach)
Training & Capacity Building

12.2 Capacity Building through 15 Batches of Three Days Residential Training Programs

As part of the capacity-building efforts, 15 batches of Public Health Engineers (PHEs) participated in three-day residential training programs across India. These programs covered five major themes and aimed to enhance the skills and knowledge of mid-level government officials. A total of 698 officials, including Executive Engineers, Assistant Engineers, and Junior Engineers from the Water Supply departments of various states, received training. Additionally, officials from the Panchayati Raj Department, Irrigation Department, and Rural Development Department in some states also took part in these programs

State wise Training Participants (N-698)

State	Participants
Mah...	2
A&N...	51
Laks...	51
MP	51
West...	51
DNH...	52
Goa	53
Guja...	54
Kerala	56
Hima...	74
Uttar...	98
Sikkim	105

Training on Direct Injection of treated Rainwater in Aquifer Recharge, Revival of Springs & Springshed Management

12.3 The Key Resource Centre (KRC) under HIHT organized three training programs focusing on the direct injection of treated rainwater for aquifer recharge, the revival of springs, and springshed management. These programs were held in West Bengal, Uttarakhand, and Himachal Pradesh, with a total of 122 mid-level engineers participating. The main objective of these training sessions was to raise awareness among Public Health Engineers about the integrated issues of rural water supply schemes and water resource management. The training emphasized innovative methodologies for:

- **Direct injection of treated rainwater into aquifers**
- **Revival of natural springs**
- **Management of springsheds**

The programs aimed to build participants' capacities in these areas, equipping them with skills and knowledge to implement spring-based water supply systems. These systems are designed to be safe, reliable, and effective for communities living in mountainous regions, ensuring sustainable water resources and improved water management.

12.4 Training on Operation and Maintenance of Water Supply Systems, Utility Approach & Tariff Collection Mechanism

Three training programs were conducted on the Operation and Maintenance (O&M) of Water Supply Systems, focusing on utility approaches and tariff collection mechanisms. These programs took place in Sikkim, Andaman & Nicobar Islands, and Lakshadweep Islands, with a total of 152 mid-level engineers' participating.The primary objective was to address cross-cutting issues related to rural water supply schemes and water resource management, specifically focusing on:

- **The operation and maintenance of water supply systems**
- **Utility approaches to water management**
- **Tariff collection mechanisms**

Participants were educated on O&M practices in accordance with the 73rd Amendment Act and reforms in rural drinking water supply. The training also covered disinfection systems

for potable water supply, enhancing participants' understanding and skills in managing safe and effective water supply systems.

12.5 Training on Revival of Traditional Water Bodies for Source Sustainability

Three training programs were held on the Revival of Traditional Water Bodies for Source Sustainability, targeting mid-level engineers from Kerala, Maharashtra, Himachal Pradesh, Uttarakhand, and Gujarat. A total of 118 engineers participated in these sessions.The main objectives of the training were to highlight the cross-cutting issues related to rural water supply schemes and water resource management and focus on on the revival of traditional water bodies for ensuring the sustainability of water sources. The training also covered the processes involved in the recharge of watersheds, traditional water bodies and structures used for recharging and reviving these water bodies. These programs aimed to enhance participants' knowledge and capabilities in managing and conserving traditional water bodies, contributing to long-term water source sustainability.

12.6 Training on Grey Water management: Reduce, Reuse, Recycle and Recharge for enhancing water use efficiency (Circular economy and net-zero concept), Nature based Solutions and Technologies for Grey Water Management

Three training programs were conducted on Grey Water Management, focusing on the principles of reducing, reusing, recycling, and recharging grey water to enhance water use efficiency. The trainings were conducted in Dadar & Nagar Haveli and Daman & Diu, Kerala, and Goa, with a participationi of total of 157 mid-level engineers. The training covered:

Basics and Issues of Grey Water Management: Understanding the fundamentals and the challenges associated with grey water management within the context of the Jal Jeevan Mission.

Need for Grey Water Treatment: Criteria for treatment, use of technologies, pollutant levels, and the impact of using undertreated water.

12.7 Training on WASH Services during Disaster and Emergencies and Ensuring Climate Resilience System

Training programs on WASH Services during Disasters and Emergencies and ensuring Climate Resilience Systems were conducted in Madhya Pradesh, Uttarakhand, and Sikkim, with a total of 149 mid-level engineers participating.

The primary objectives of these training sessions were to:

- **Plan and Prepare: Develop strategies for managing WASH services during disasters and emergencies.**
- **Mitigation Measures: Implement measures to mitigate the impact of such events on water, sanitation, and hygiene services.**
- **Ensure Climate Resilience: Enhance the resilience of WASH systems to climate change and environmental challenges.**

The programs aimed to improve participants' capabilities in planning and implementing effective WASH services in crisis situations, ensuring that systems are robust and adaptable to changing climate conditions.

Summary of L2 Trainings of at a Glance

	Direct injection of treated rain water in aquifer recharge, revival of springs & Spring shed Management	Operation and Maintenance of water supply systems, Utility approach & tariff collection mechanism	Revival of Traditional Water Bodies for Source Sustainability	Grey water management: Reduce, Reuse, Recycle and Recharge for enhancing water use efficiency	WASH Services during Disaster and Emergencies and Ensuring Climate Resilience System	Total
A & N Island		51				51
Dadra Nagar Haveli & Daman Diu				52		52
Gujarat			54			54
Goa				53		53
Himachal Pradesh	37		37			74
Kerala			4	52		56
Lakshadweep		51				51
Madhya Pradesh					51	51
Maharashtra			2			2
Sikkim		50			55	105
Uttarakhand	34		21		43	98
West Bengal	51					51
Total	122	152	118	157	149	698

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

Within the state of Uttarakhand, trainings for 109 Nyay Panchayat in Dehradun, Haridwar and Rudraprayag districts were conducted. 5492 functionaries including members of the

Village Water Sanitation Committee (VWSC) and representatives of the Panchayati raj Institutions participated. In Uttarakhand, training sessions on the Jal Jeevan Mission (JJM)

were conducted at the Nyay Panchayat level across three districts: Dehradun, Haridwar, and Rudraprayag. A total of 109 Nyay Panchayats were involved in these sessions.
The training focused on:

Village Water Sanitation Committees, Panchayati Raj Institutions, ASHAs, AWWs
A total of 5,492 functionaries participated, including members of VWSCs and representatives from PRIs. The training aimed to enhance the knowledge and skills of these key stakeholders in implementing and managing water and sanitation services at the grassroots level, supporting the overall objectives of the Jal Jeevan Mission.

SUSTAINABLE DEVELOPMENT GOALS

SUSTAINABLE DEVELOPMENT GOALS

7

AFFORDABLE & CLEAN ENERGY

srhu.edu.in

1 Renewable Energy Integration

1.1 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 the 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
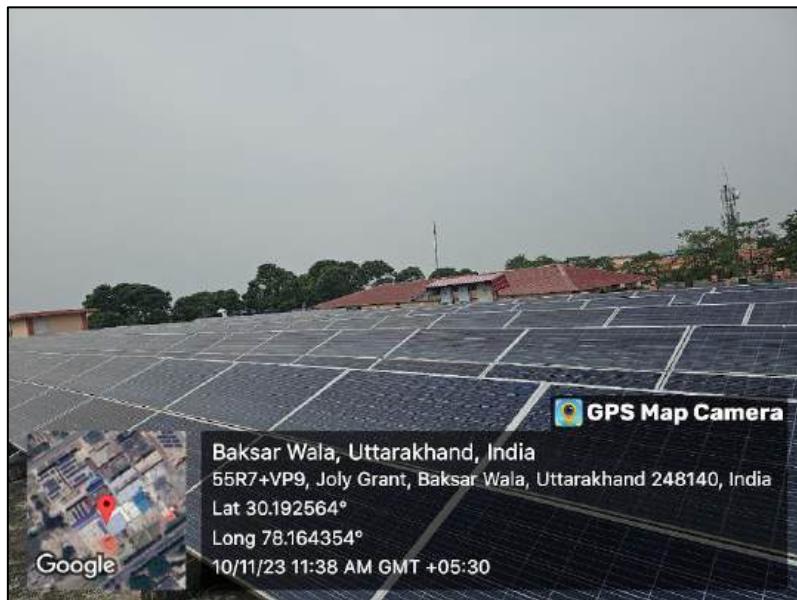
1.2 Waste to energy production: Biogas plant

The university has built a **4 M3/day Biogas pl**ant 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

2. Energy Efficiency Measures

2.1 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

2.2 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
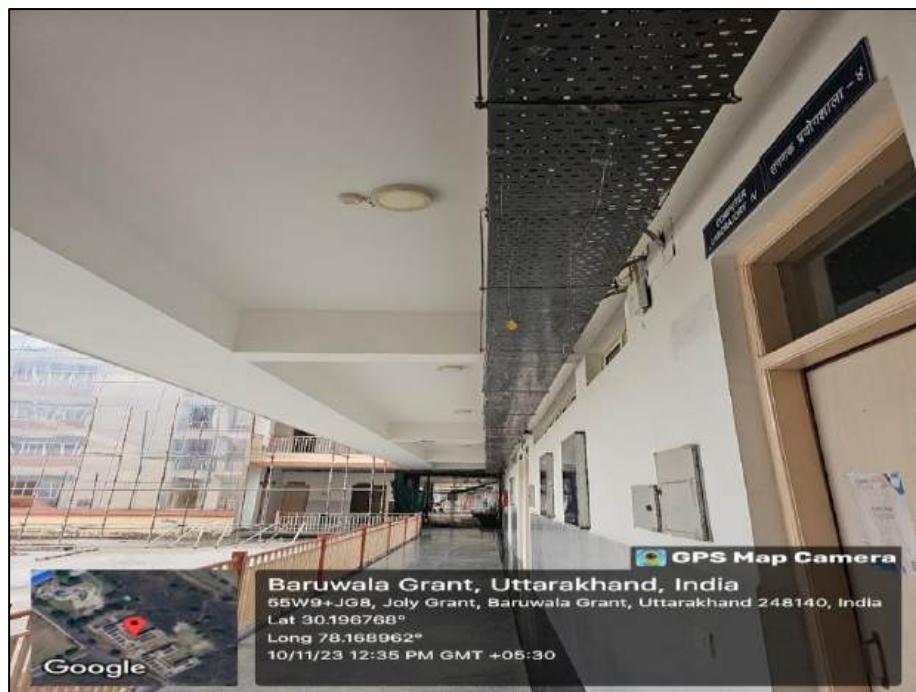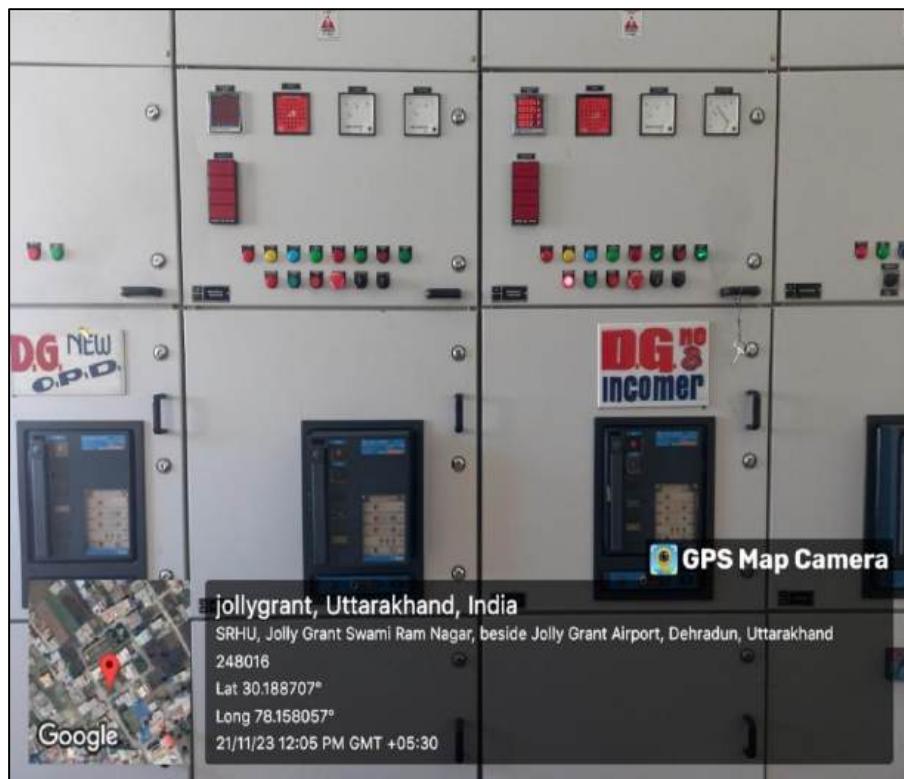
3. Sustainable Energy Infrastructure

3.1 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**

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

SAVE THE ENVIRONMENT (STE)

(A Society for Research, Awareness & Social Development)

Certificate of Appreciation

is awarded to

SWAMI RAMA HIMALAYAN UNIVERSITY, DEHRADUN

for

CLEAN & GREEN CAMPUS

and exemplary & continuous efforts for maintaining the environment friendly practices in the campus for the year 2022-2023.

Chhanda Basu
(Chand Basu)
Secretary
General Secretary
SAVE THE ENVIRONMENT (STE)

Date: 01.09.2023

(Dr. Kshipra Misra)
President
PRESIDENT
SAVE THE ENVIRONMENT (STE)

रविवासरीय

हिन्दुस्तान

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अभिनेता शाहरुख खान की फिल्म 'जवान' ने दुनियाभर में 1100 करोड़ रुपये से अधिक कमाए

रविवार
8 अक्तूबर 2023, देहरादून

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 जौलीग्रांट ने भारतीय उद्योग परिसंघ 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 धस्माना 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 धस्माना 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 में 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, उर्जा संरक्षण, जल संरक्षण, पर्यावरण संरक्षण के क्षेत्र में भी एक मॉडल विश्वविद्यालय के रुप 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 धस्माना ने बताया कि सिंगल लेअर प्लास्टिक के रीसाइक्लिंग की तरफ कदम

ऊर्जा संरक्षण पर भी जोर

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

बढ़ाते हुए एसआरएचयू में प्लास्टिक बैंक बनाया गया है। सिंगल लेअर 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।

3.2   Liquid waste management : STP

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**
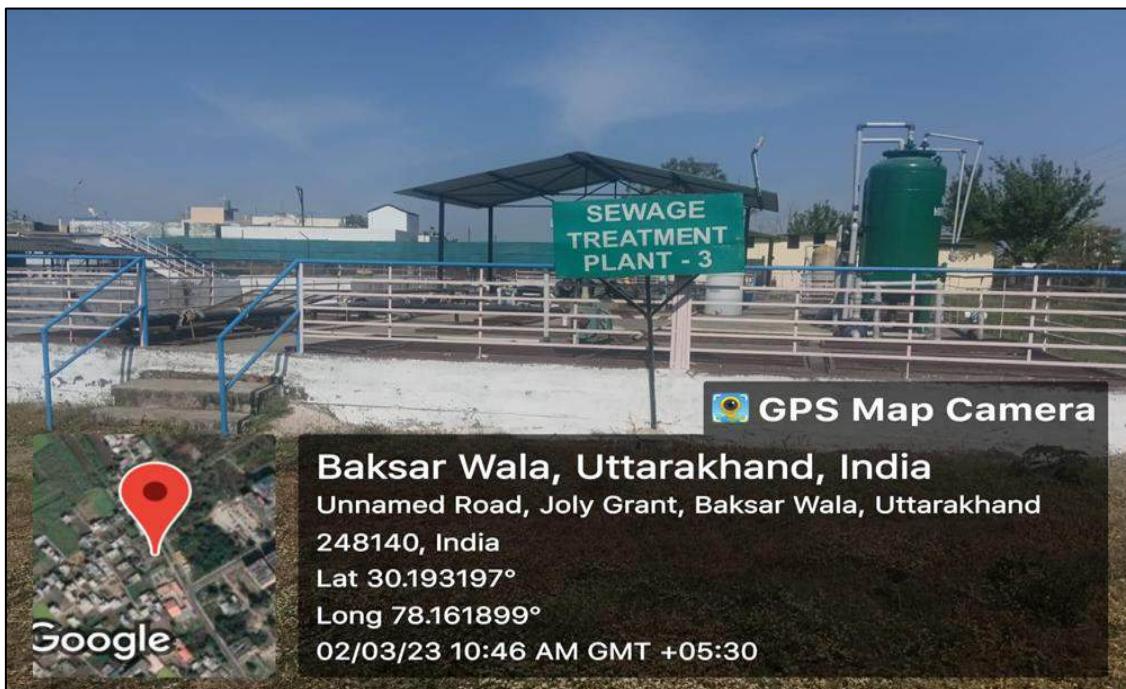
3.3 Wastewater treatment: ETP

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.

3.4 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.

3.5 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.

Waste paper recycling plant

3.6 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.

Housekeeping staff collect the waste daily in color-coded bags
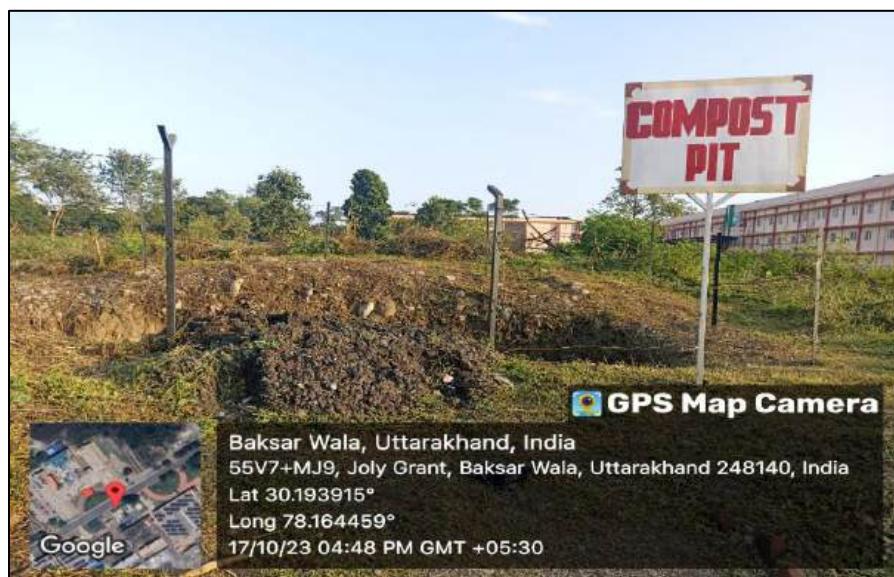
Biodegradable waste is composted on-site

3.7 Vehicles that do not emit gases:

The University also has battery powered vehicles which are available on regular basis to commute within the University premises promoting concept of sustainable cities and aligning with SDGs promoting environmental protection.

Battery powered vehicles

3.8 Restricted entry of automobiles:

There is restriction on the entry of vehicles in the campus to reduce air & noise pollution within the campus.

8.   Regular audits are carried out in the University:

a.   Environmental Audit (Certificate)

Certificate of Registration

This is to Certify That The Environmental Management System of

SWAMI RAMA HIMALAYAN UNIVERSITY (SRHU)

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

has been audited and conformed to be in accordance
with the requirements of

ISO 14001:2015

The Environmental Management System is Applicable to :

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

Certificate No   : EBI41521
Initial Registration Date   : 14/06/2021   Issuance Date : 14/06/2021
Date of Expiry   : 13/06/2024
1st Surve. Due   : 14/05/2022   2nd Surve. Due: 14/05/2023

Director

Aambitious Assessment Pvt. Ltd.
804, Ashok Bhawan, Building No. 93, Nehru Place, New Delhi - 110 019, India.
e-mail: info@aapcertification.in, website: www.aapcertification.in
Certificate Verification: Certificate Validity can be re-checked at www.aapcertification.in
This certificate is a property of Aambitious Assessment Pvt. Ltd. and shall be retained immediately when demanded
*Validity of the certificate is subject to successful completion of surveillance audit on or before due date

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

Date: 21/07/2023

c. **Energy Audit (Certificate)**

CERTIFICATE OF REGISTRATION

ISO

50001:2018

THIS IS TO CERTIFY THAT THE

ENERGY MANAGEMENT SYSTEM

of

SWAMI RAMA HIMALAYAN UNIVERSITY (SRHU)

Address

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

Has been assessed and registered as complying with the requirements of the International Standard shown above for the following activities. Further clarifications regarding the scope of this certificate and the applicability of ISO 50001:2018 requirements may be obtained by consulting the organization

Scope

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

Certificate No. ISO/ENMS/1888

Initial Certification Date 14.06.2021   First Surveillance Date   14.06.2022

Certificate Expiry Date* 13.06.2024   Second Surveillance Date 14.06.2023

ISR INTERNATIONAL STANDARDS REGISTRATIONS

APPROVED

AUTHORIZED SIGNATORY

International Standards Registrations

9.   There is **ban on single use plastic** in the university

10.   **Landscaping with trees and plants**

Landscape between Medical College and Himalayan Hospital

Gazebo at park area near Swami Rama Centre

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

For more info

7. Policy and Governance for Sustainable Energy

- The campus is eco-friendly and energy-efficient with facilities like solar energy usage. The solar power
- plants installed in the campus generate 1500 KWH electricity, producing 16% of the electricity used.
- University prioritizes environmental sustainability by installing:
- Rooftop solar power plants with 1500 KW capacity.
- LED lights accounting for 80% of lighting.
- BEE Star-rated appliances.
- Comprehensive waste management system is in place for treatment/ disposal of solid, liquid,
- Biomedical, e-waste, hazardous chemicals, and radioactive wastes.
- Waste recycling is done through a paper recycling unit and compost pit.
- Water conservation facilities are available through Rainwater harvesting system, borewell recharge, STP, ETP, etc.
- The drinking water is drawn through 03 borewells and supplied through well-maintained water distribution system.
- To maintain a green campus, University has incorporated initiatives such as restricted vehicle entry,battery-powered vehicles, pedestrian-friendly pathways, and ban on single-use plastic and landscaping with trees and plants.

SR
HU
Swami Rama Himalayan University

NAAC A+

SUSTAINABLE DEVELOPMENT **G CALS**

SUSTAINABLE DEVELOPMENT GOALS

8

# DECENT WORK AND ECONOMIC GROWTH

srhu.edu.in
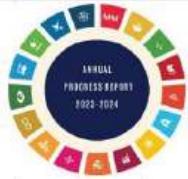
1. The Himalayan Centre for Innovation and Entrepreneurship (HCIE)

The Himalayan Centre for Innovation and Entrepreneurship (HCIE) at SRHU is a dynamic hub for fostering entrepreneurship and innovation. Designed to support students, faculty, and external entrepreneurs, HCIE provides a robust framework for turning ideas into successful ventures. With resources like mentorship, funding access, workspace, and networking opportunities, HCIE serves as a catalyst for entrepreneurial growth and sustainable development.

Facilities at HCIE

Facility	Purpose
Coworking Space	Collaborative workspace fostering innovation.
Makers Space	Hands-on area for product development and prototyping.
Conference Room	Venue for networking, presentations, and discussions.
Mentorship	Expert guidance for business development and scaling.
Marketing Support	Assistance with branding and promotional strategies.
Training	Skill-building workshops and seminars.

1.1. COWORKING SPACE
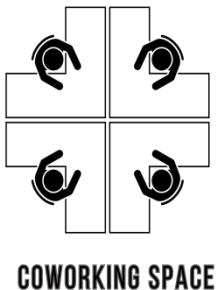
The co-working space at HCIE offers a vibrant and collaborative environment designed to support startups, & entrepreneurs. Equipped with high-speed internet, meeting rooms, and essential office amenities, it provides a flexible workspace solution for professionals at every stage. Members benefit from networking opportunities, mentorship sessions, and access to HCIE's ecosystem of innovation, which fosters community engagement and growth. The space is ideal for individuals and small teams looking to work in an inspiring setting that encourages creativity and productivity.

1.2. MAKERS SPACE

The Maker's Space at HCIE is a state-of-the-art facility designed to foster innovation, creativity, and hands-on learning. Guided by skilled mentors, the Maker's Space at HCIE empowers innovators to explore, create, and develop solutions that drive progress and inspire the entrepreneurial spirit.

1.3. CONFERENCE ROOM

The conference room at HCIE is designed to support dynamic, collaborative, and productive meetings. It is equipped with modern amenities, including high-speed Wi-Fi, a large display screen for presentations, video conferencing capabilities, and comfortable seating arrangements. The room is spacious, allowing flexibility in seating and arrangement to suit various events, from small team meetings to larger workshops.

1.4. MENTORSHIP

Mentorship at HCIE focuses on providing students, startups, and entrepreneurs with personalized guidance to accelerate their growth. Through one-on-one sessions, group workshops, and networking opportunities, mentors help mentees refine their business ideas, develop strategic roadmaps, and overcome specific challenges in innovation and entrepreneurship. The program is designed to connect mentees with experienced industry professionals who bring practical insights, fostering a supportive ecosystem that empowers individuals to transform

1.5.   MARKETING

The marketing facility at HCIE is dedicated to empowering budding entrepreneurs and startups by providing strategic brand-building and promotional support. Backed by a network of seasoned marketing professionals and an experienced management team, we offer comprehensive guidance to help startups achieve their marketing objectives. Our expertise enables startups to develop strong brand identities, implement effective promotional strategies, and enhance market visibility,

1.6.   TRAINING

The training facility at HCIE is a state-of-the-art space designed to foster innovation, learning, and collaboration. Equipped with modern amenities, the facility offers dedicated training rooms, interactive smart boards, high-speed internet, and breakout areas for discussions. It provides a conducive environment for hands-on workshops, seminars, and bootcamps tailored to various skill levels and domains, including business, technology, and wellness. With a focus on experiential learning, HCIE's facility supports participants in gaining practical knowledge and skills that are essential for professional growth and entrepreneurship.

2. STARTUPS AND PRE-STARTUPS AT HCIE

2.1.   INCUBATED STARTUPS

1. Canfinis Therapeutics Pvt Ltd: Specializing in oncology innovations.
2. Himfla Pvt Ltd: Promoting unrefined Himalayan salt, supporting the hill economy.
3. ULO Labs Pvt Ltd: Developing plant-based nutraceutical products like Curcusol, Gluconot, and Ketocan.

2.1.1. CANFINIS THERAPEUTICS PVT LTD

Canfinis Therapeutics Pvt Ltd is an Indian pioneer in oncology innovations, established in 2021 to create cancer treatments using customized cell therapies. Canfinis is developing a novel ex vivo Tumour microenvironment platform to test the efficacy of novel molecules and SOCs in personalized and physiological settings.

2.1.2. HIMFLA PVT LTD

Himfla Pvt Ltd is a premium brand in India that aspires to provide unrefined, genuine Himalayan salt. According to Himfla, their salt product is all-natural and has no artificial ingredients. Additionally, Himfla1 is strengthening the hill economy by generating employment and sourcing the ingredients for their product line through self-help groups, and

2.2. PRE-STARTUPS

Mindura Yogwell: A wellness and yoga initiative promoting holistic health through traditional yoga practices. Offers classes, workshops, retreats, and mindfulness programs to enhance physical vitality and mental clarity. 2. The Food Project (TFP): Focuses on delivering healthy, hygienic, and high-quality food sourced directly from local farmers. Promotes sustainable agriculture and uplifts the local farming community.

2.2.1. MINDURA YOGWELL

Mindura Yogwell is a promising wellness and yoga pre-startup dedicated to promoting holistic health through traditional yoga practices. The company aims to provide students, faculty, staff, and the wider community of SRHU access to professionally delivered yoga, wellness, and mindfulness programs that align with SRHU's focus on holistic development and well-being.

Mindura Yogwell blends ancient techniques with modern insights to offer diverse classes and workshops for all experience levels, focusing on mental clarity and physical vitality. Their skilled 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.

2.2.2. THE FOOD PROJECT (TFP)

The food project, initiated by students under HCIE's guidance, focuses on delivering healthy, hygienic, and quality food within the SRHU campus. By sourcing fresh vegetables, fruits, and other ingredients directly from local farmers, the initiative not only ensures the highest quality of ingredients but also promotes sustainable agricultural practices and supports farmers' livelihoods. With an emphasis on nutrition and community welfare, this project exemplifies a commitment to fostering a healthier campus environment while contributing to the economic upliftment of the local farming community.

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 ensuring high-quality, farm-fresh produce, the initiative promotes healthy eating while supporting the economic growth of local farmers

.

3. GRADUATED STARTUPS

1. MEQ Academy Pvt Ltd: Empowering education and training initiatives.
2. Jasarena India Pvt Ltd: Advancing technological and community-focused projects.

4. DEVELOPED BY STARTUPS
4.1. HIMFLA PVT LTD

Himfla is a premium brand in India that aspires to provide unrefined, genuine Himalayan salt. According to Himfla, their salt product is all-natural and has no artificial ingredients. Additionally, Himfla is strengthening the hill economy by generating employment and sourcing the ingredients for their product line through self-help groups, and farmers from the hills of Uttarakhand.


4.2. ULO LABS PVT LTD

ULO Labs Pvt. Ltd. is an innovative plant-based nutraceutical company committed to delivering natural, science-backed health solutions. With a focus on enhancing well-being through sustainable and effective products, ULO Labs combines advanced research with the healing power of nature.

Product Line of ULO Labs:
- Curcusol
- Gluconot
- Ketocan

5. ACTIVITIES AND EVENTS

5.1. ENTREPRENEURIAL AWARENESS SESSIONS

Management & Technology (October 10, 2023 at Aadi Kailash Auditorium): Led by Dr. Amjad Husain, focusing on trends and innovative business models. Encouraged creativity, adaptability, and engagement among students.

Bio-Innovations & Entrepreneurship (October 20, 2023 at HSBS): Explored opportunities in biotechnology startups. Interactive Q&A sessions highlighted challenges and success strategies.

Nursing & Healthcare (February 1, 2024 at HCN): Insights on entrepreneurial opportunities in healthcare. Case studies and success stories inspired innovative solutions.

Yoga & Wellness (February 7, 2024 at HSYS): Showcased successful ventures blending ancient wisdom with modern strategies. Encouraged passion-driven wellness entrepreneurship.

5.2. ENTREPRENEURIAL AWARENESS SESSION

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.

5.3. ENTREPRENEURIAL AWARENESS SESSION

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.

5.4.FISH TANK – ENTREPRENEURSHIP IDEA COMPETITION

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.

5.5. ENTREPRENEURIAL ARTWORK

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.

5.6. 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.

5.7. 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.

5.8. 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.

5.8.1. Objectives of the Seed Money Program

1. **Encouraging Innovation**: Provide financial assistance to faculty members to develop innovative solutions to societal, scientific, and technological challenges.

2. **Building Research Capacity**: Equip faculty with resources to pursue cutting-edge research and establish SRHU as a hub of academic excellence.

3. **Promoting Collaboration**: Foster interdisciplinary research among departments and external collaborators, enhancing the scope and impact of projects.

4. **Strengthening Knowledge Application**: Support the translation of academic research into practical applications that benefit society.

5.8.2. 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.

5.8.3. 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 instils critical thinking and problem-solving skills, preparing them for successful careers.

Conclusion

SRHU's seed money initiative is a cornerstone of its commitment to fostering a culture of research, innovation, and societal impact. By investing in the creative and intellectual potential of its faculty, the University not only enhances its academic standing but also contributes significantly to addressing global challenges. This initiative exemplifies SRHU's mission of creating a sustainable future through education, research, and community engagement.

The University remains steadfast in its dedication to supporting transformative ideas, ensuring that financial limitations do not hinder the pursuit of knowledge and progress.

Link for Policy

List of teachers receiving seed money and details

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
- 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

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 number 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

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.

Sr. No.	ID	Emp. Name	Department
1	27	Varsha Kotnala	Radiology Department
2	115	Seema Devi	Ayurvedic Centre
3	129	Mahesh Kumar Dhaundiyal	Biochemistry Department
4	131	Rajendar Kumar	Infrastructural Development and Maintenance (IDM) Department
5	150	Mastram Uniyal	Community Medicine Department
6	160	Anup Kumar Shahi	Himalayan Central Diagnostic & Research Laboratory
7	214	Diwakar Ghildiyal	HR Department
8	227	Jitendra Singh Panwar	Cardiology Department
9	230	Rajat Krishna Rohatgi	Anatomy Department
10	253	Manoj Masih	Immuno Haematology & Blood Transfusion Department
11	273	Sangeeta Singh	Nursing Department
12	276	Venus Nigam	Nursing Department
13	277	Sanjay Verma	IPD
14	285	Vijay A Lal	Nursing Department
15	317	Balbeer Singh Panwar	OT Department
16	343	Devi Prasad	Ayurvedic Centre
17	374	Mrs. Neelam Pandey	RDI
18	416	Sandeep Chaudhary	Finance Department
19	463	Anand Prasad Dhyani	Finance Department
20	488	Narayan Bahadur	Microbiology Department
21	515	Girish Chand Dimri	ENT Department

Sr. No.	ID	Emp. Name	Department
22	538	Manmohan Singh Bisht	Himalayan Central Diagnostic & Research Laboratory
23	564	Sandeep Himanshu Lal	Radiology Department
24	684	Amarnath Ram	Anaesthesia Department
25	685	Rajesh Uniyal	Cardiology Department
26	687	Gajendra Singh	Nursing Department
27	731	Vinod Juyal	OPD
28	739	Sanjay Thapliyal	Cardio Tho. Surgery Department
29	931	Matbar Singh Bhandari	OT Department
30	938	Ramesh Kumar	Nursing Department
31	998	Rohini Saxena	Cancer Research Institute
32	1001	Pawan Kumar Nawani	Bio-Medical Department
33	1006	Devi Ram	Nursing Department
34	1047	Nirmala Negi	Radiology Department
35	1249	Vijendra Singh Bisht	IPD
36	1269	Sanjay Panwar	Himalayan Central Diagnostic & Research Laboratory
37	1294	Pradip Kumar	Biochemistry Department
38	1295	Vineet Sharma	Finance Department
39	1336	Rekha Verma	Clinical Psychology Department
40	1350	Sonika Suri	Cancer Research Institute
41	1493	Vikash Kumar	ENT Department
42	1508	Deepa Singh	Anatomy Department
43	1706	Pankaj Ghildiyal	Microbiology Department
44	1801	Abhishek Kandwal	Dental Department
45	1889	Kavita Lakhera Bhadula	Nursing Department
46	1974	Dr. Rajeev Prasad Bijalwan	RDI
47	2019	Avinash Kala	Kalptaru Department
48	2031	Bhupesh Chandra Pant	Immuno Haematology & Blood Transfusion Department
49	2114	Anupama Mishra	Computer Science & Engineering Department
50	2115	Som Aditya Juyal	Himalayan School Of Management Studies
51	2209	Ajay Pal Singh	Library Department

Sr. No.	ID	Emp. Name	Department
52	2251	Chandra Shekhar Pant	Finance Department
53	2442	(PT) Praveen Rawat	Physiotherapy Department
54	2462	Anjali Thapli	Obst. & Gynae Department
55	2729	Devender Negi	Finance Department
56	2764	Shalendra	Himalayan School Of Management Studies
57	2814	Santosh Kumar Barthwal	Principal Office - HSST
58	2892	Nikhil Chauhan	Kalptaru Department
59	2962	Vivek Katiyar	Applied Science & Humanities (Math.) Department
60	3192	Ekta Rao	Himalayan School Of Management Studies
61	3193	Jagdeep Sharma	Patient Care Department
62	3247	Suman Negi	Cancer Research Institute
63	3253	Prerna	Radiology Department
64	3415	Vivek Kumar	Himalayan School of Biosciences
65	3637	Sanjay Gupta	Himalayan School of Biosciences
66	3690	Deepak Srivastava	Computer Science & Engineering Department
67	3743	Gulpsa Parveen	Radiology Department
68	3869	Vijay Kumar	Himalayan School of Biosciences
69	3960	Himani Chauhan	Anaesthesia Department
70	3962	Vandana Saklani	Anaesthesia Department
71	4116	(PT) Shweta Samant	Hospital Administration
72	4165	Deepak Shukla	Ophthalmology Department
73	4240	Sandeep Sharma	Material Management Department
74	4357	Narendra Kumar	Finance Department
75	4643	Kumar Sachin	Himalayan School of Biosciences
76	4664	Anil Kumar Pal	Finance Department
77	5164	Anchal Agarwal	Obst. & Gynae Department
78	5405	Vaibhav Joshi	Bio-Medical Department
79	5410	Sandeep Singh Jagwan	Radiology Department
80	5473	Shikha Bisht	M.S. Office
81	5497	Renu Parmar	Dental Department
82	5821	Malika Joshi	Infrastructural Development and Maintenance (IDM) Department
83	5855	Usha Gaur	Admission Cell Department

Sr. No.	ID	Emp. Name	Department
84	5922	Abhishek Kumar Shukla	ENT Department
85	5965	Rahul Singh Gusain	Principal Office - HIMS
86	5976	Vibhor Sharma	Computer Science & Engineering Department
87	5992	Shivani	OT Department
88	6027	Anita Hatwal	Ophthalmology Department
89	6057	Shivani Pal	Radiology
90	6069	Nishtha Wadhwa	Biochemistry Department
91	6114	Neelam Danu	Applied Science & Humanities (Sociology) Department
92	6218	Padmendra Singh Rawat	Medical Record Department
93	6257	Vaishali Gupta	Computer Science & Engineering Department
94	6420	Saurabh Tripathi	IPD
95	6509	Sumita Sinha	Anatomy Department
96	6515	Mansi Kalsi	Biochemistry Department
97	6531	Shikha Gairola	Microbiology Department
98	6541	Prateek Butola	Admission Cell Department
99	6547	Deepika Sharma	Anatomy Department
100	6743	Shalini Chand	Material Management Department
101	6768	Shrikant Negi	Information Technology Department
102	6184	Sujeet Kumar Thapliyal	Watsan
103	6	V. K. Uniyal	Infrastructural Development and Maintenance (IDM) Department
104	19	Rakesh Kothari	Finance Department
105	33	Chandan Singh Bhandari	Infrastructural Development and Maintenance (IDM) Department
106	44	Reeta Bhatt	Community Medicine Department
107	48	Inder Mohan Kukreti	Service Center
108	58	Gambhir Singh Rawat	Finance Department
109	77	Krishna Devi	Ayurvedic Centre
110	92	Sanjay Kumar	Principal Office - HIMS
111	209	Rakesh Chandra	Surgery Department
112	280	Pankaj Jakhmola	Himalayan Central Diagnostic & Research Laboratory
113	325	Kavita Dhasmana	IPD

Sr. No.	ID	Emp. Name	Department
114	379	Trishna Sarkar	Nursing Department
115	388	Dharmender Singh Panwar	Finance Department
116	392	Brij Mohan	Principal Office - HCN
117	398	Dhirender Kumar Singh	Anatomy Department
118	496	Vijay Shankar	Radiology Department
119	532	Sharad Kala	Information Technology Department
120	568	Digambar Singh Chauhan	Himalayan Central Diagnostic & Research Laboratory
121	584	Anukul Mandal	Anaesthesia Department
122	602	Amit Nautiyal	Finance Department
123	823	Darshan Painuli	Immuno Haematology & Blood Transfusion Department
124	833	Vimal Singh Rawat	IPD
125	907	Anie Bhatia	Pathology Department
126	947	Sudha Kala	IPD
127	1012	Vishal Chugh	Finance Department
128	1059	Kiran Nawani	Anaesthesia Department
129	1292	Manoj Dhasmana	Bio-Medical Department
130	1382	Sundari Sharma	OPD
131	1391	Suman Lata Thakur	Cancer Research Institute
132	1402	Surendra Singh	Finance Department
133	1755	Yeam Prasad Sharma	Finance Department
134	1758	Rajeev Singh Rawat	Library Department
135	1860	Vinita Rana	Nursing Department
136	1924	Gaurav Raturi	Kalptaru Department
137	1931	Sunder Lal Bhatt	Finance Department
138	1932	Vinay Kumar	Kalptaru Department
139	1971	Ms. Richa Bijalwan	RDI
140	1972	Ms. Meena Pandey	RDI
141	2107	Madhvi Thapliyal	Nursing Department
142	2490	Narayan	Finance Department

Sr. No.	ID	Emp. Name	Department
143	2704	Amit Koli	Finance Department
144	2706	Jyoti Prakash Uniyal	Finance Department
145	2811	Anita Sharma	Biochemistry Department
146	2902	Payal Gaur	IPD
147	2903	Deepak Rawat	Kalptaru Department
148	2958	Reetu Bhatt	Himalayan Central Diagnostic & Research Laboratory
149	3222	Prakash Panday	Media & Publicity Department
150	3244	Dheeraj Sharma	Himalayan Central Diagnostic & Research Laboratory
151	3370	Balbeer Singh	Himalayan Central Diagnostic & Research Laboratory
152	3371	Kavi Raj Sunderiyal	Admission Cell Department
153	3435	Naveen Negi	Finance Department
154	3543	Deepa Rani	OPD
155	3592	Nityanand Badoni	Infrastructural Development and Maintenance (IDM) Department
156	3740	Praveen Morya	Infrastructural Development and Maintenance (IDM) Department
157	3893	Vishal Sharma	Himalayan Central Diagnostic & Research Laboratory
158	3963	Abhilash Kuliyal	Anaesthesia Department
159	4235	Manisha Joshi	Finance Department
160	4658	Vishal Tomar	Principal Office - HSST
161	4944	Harshvardhan Bijalwan	Himalayan School of Biosciences
162	4962	Yogita	Himalayan School of Biosciences
163	5117	Laxman Singh Bisht	IPD
164	5624	Himanshu Rayal	Community Medicine Department
165	5637	Munish Kumar	IPD
166	5972	Chandra Prakash Naithani	M.S. Office
167	5999	Ashish Gurung	Material Management Department
168	6070	Urvashi Semwal	M.S. Office
169	6076	Ujjwal Nautiyal	Himalayan School of Pharmaceutical Sciences
170	6097	Ashwini Bisht	Infrastructural Development and Maintenance (IDM) Department
171	6132	Shilpi Badola	Media & Publicity Department

Sr. No.	ID	Emp. Name	Department
172	6272	Hema	Nursing Department
173	6275	Aman Sharma	Admission Cell Department
174	6283	Himanshi Baid	Emergency Medicine Department
175	6284	Anuradha Sharma	Himalayan School of Yoga Science
176	6700	Himanshi	Engineering Department
177	6754	Kartik Bhatia	Information Technology Department
178	6763	Divya Anthwal	Research & Ph.D Cell
179	2	Ms. Maya Sharma	RDI
180	208	Mr. Manmohan Singh	Finance Department
181	691	Ms. Leela Uniyal	RDI
182	119	Jagdamba Prasad Semwal	Registration Department
183	199	Pradeep Kumar	Infrastructural Development and Maintenance (IDM) Department
184	283	Vikram Sethi	Microbiology Department
185	369	Ajeet Singh	Pathology Department
186	405	Preeti Bhatti	Nursing Department
187	470	Sanjeev Kumar Sharma	Infrastructural Development and Maintenance (IDM) Department
188	525	Rajan Dev	Himalayan Central Diagnostic & Research Laboratory
189	601	Amit Agarwal	Finance Department
190	626	Man Mohan Singh	Himalayan Central Diagnostic & Research Laboratory
191	707	Dharmveer Singh Rawat	Cancer Research Institute
192	1114	Surendra Singh	Information Technology Department
193	1210	Priyanka	Nursing Department
194	1393	Arti	IPD
195	1471	Dolly Rawat	Microbiology Department
196	1513	Vandana Chauhan	Child Health Nursing
197	1798	Balwant Singh	Nursing Department
198	1824	Rajendra Singh Rawat	Information Technology Department
199	1826	Sushil Kumar Nautiyal	Internal Audit Department

Sr. No.	ID	Emp. Name	Department
200	1964	Amit Bhatt	Himalayan Central Diagnostic & Research Laboratory
201	2186	Prachi Sharma	Skill Centre
202	3405	Tarun Kumar Badoni	Information Technology Department
203	5234	Neelam Rawat	Himalayan School of Yoga Science
204	5370	Rangita	M.S. Office
205	5406	Abhinav Bahuguna	Biostatistics Department
206	5955	Sheetal Rawat	OT Department
207	5996	Abhishek Kori	Microbiology Department
208	6000	Himanshu Pandey	Biochemistry Department
209	6205	Princy Tyagi	Computer Science & Engineering Department
210	6230	Purandhi Roopmani	Research & Ph.D Cell
211	6404	Shivani Sharma	COMPUTER SCIENCE & ENGINEERING
212	6489	Khushi Ram Saini	OT Department
213	6491	Anju Bisht	OT Department
214	6727	Vinod Singh Negi	Material Management Department
215	6750	Sachin Dhiman	Material Management Department
216	6782	Shubham Kumar	Information Technology Department
217	450	Mrs. Pawandeep Kaur	RDI
218	6195	Karan Singh	Watsan

S.N.	ID	Name of Employee	Deisgnation	Department
1	2427	Dr. Mohamad Akram	Associate Professor	Medicine Department
2	2102	Dr. Divya Gupta	Professor	Anaesthesia Department
3	156	Mr. Manish Kumar Gaur	Assistant Manager	Finance Department
4	4985	Dr. Yasir Ahmad Lone	Associate Professor	Paediatrics Surgery Department

S.N.	ID	Name of Employee	Deisgnation	Department
5	742	Mr. Rahul Kumar	Staff Nurse	Nursing Department
6	351	Mrs. Sheeja Massey	Incharge	Nursing Department
7	2359	Dr. Rajeev Sarpal	Associate Professor	Urology Department
8	1579	Ms. Salomi	Incharge	Nursing Department
9	1048	Mrs. Vaishali Singh	Senior Office Assistant	OPD
10	1298	Mr. Pravesh Habil Singh	Assistant Manager	Finance Department
11	837	Dr. Barnali Kakati	Professor & Head	Microbiology Department
12	194	Mr. Mukesh Mamgain	Manager	M.S. Office
13	1085	Ms. Beena Mishra	Office Assistant	Himalayan Central Diagnostic & Research Laboratory
14	980	Mr. Avnish Shalya	Finance Officer	Finance Department
15	456	Dr. Samarjit Roy	Professor	Dermatology, Venereology & Leprosy Department
16	1839	Mr. Arun Kundra	Legal Consultant	Legal Cell
17	1425	Dr. Anurag Rawat	Professor & Head	Cardiology Department
18	1016	Dr. Atul Agarwal	Professor & Head	Orthopaedics Department
19	386	Dr. Sampan Singh Bist	Professor & Head	ENT Department
20	2477	Dr. Shikhar Agarwal	Associate Professor	Urology Department
21	1537	Dr. Vinish Kumar Agarwal	Associate Professor	ENT Department
22	575	Dr. Grace Madonna Singh	Professor	Psychiatry & Mental Health Nursing
23	407	Dr. Satish Chandra Uniyal	Professor & Head	Medical Physics Department
24	281	Mr. Rajesh Kumar Kandwal	Deputy Manager- Finance & Liaison	Finance Department
25	5337	Dr. Munish Aggarwal	Assistant Professor	Surgery Department

S.N.	ID	Name of Employee	Deisgnation	Department
26	792	Mr. Ramesh Chandra Bhatt	Office Assistant	Immuno Haematology & Blood Transfusion Department

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.

Impact

The Welfare Fund fosters a sense of security, boosts employee morale, and strengthens the community spirit within SRHU. By addressing personal and professional needs, the initiative ensures that employee's feel valued and supported.

This program reflects SRHU's commitment to creating a compassionate and inclusive workplace for its employees.*Link for Policy*

Sr. No.	ID	Name	Designation	Department	Amount	Purpose for which financial held given
1	1149	Mohd. Asif	Mechanic	MT	10000	Meeting funeral expenses
2	1043	Mr. Pankaj Kumar	Technician	Neurology	10000	Meeting funeral expenses
3	3019	Mr. Deepak Singh Pundir	Driver	MT	10000	Meeting funeral expenses
4	3415	Mr. Amit Kumar	Attendant	Kalptaru	10000	Meeting funeral expenses
5	1758	Mr. Rajeev Singh Rawat	Attendant	Library	10000	Meeting funeral expenses
6	4485	Mr. Om Prakash	Attendant	IPD	10000	Meeting funeral expenses
7	881	Mr. Sushil Kumar Lal	Executive Technician	Immuno Haematology & Blood Transfusion	10000	Meeting funeral expenses
8	3538	Mr. Sevak Ram Joshi	Attendant	IPD	10000	Meeting funeral expenses
9	3432	Mr. Naveen Kumar	Attendant	IPD	10000	Meeting funeral expenses
10	5840	Mr. Ankit Joshi	Attendant	IPD	10000	Meeting funeral expenses
11	2175	Mr. Mangal Singh Chauhan	Attendant	HCN	10000	Meeting funeral expenses
12	2160	Mr. Jayendra Singh	Attendant	IPD	10000	Meeting funeral expenses
13	1144	Mr. Bikram Singh	Driver	MT	10000	Meeting funeral expenses
14	2225	Mr. Sanjay Prakash	Attendant	IPD	10000	Meeting funeral expenses
15	5484	Mr. Amit Singh Bhandari	Attendant	IPD	10000	Meeting funeral expenses
16	1716	Mr. Shailendra Singh	Attendant	IPD	10000	Meeting funeral expenses
17	1402	Mr. Surender Singh	Attendant	Finance	10000	Meeting funeral expenses
18	2938	Mr. Bhupendra Singh	Attendant	Immuno Haematology & Blood Transfusion	10000	Meeting funeral expenses

19	3591	Ms. Soni Rana	Jr. Office Assistant	IPD	10000	Meeting funeral expenses
20	3033	Mr. Bhim Singh	Security Guard	Security	10000	Meeting funeral expenses
21	3591	Mr. Kaladhar	Helper	Engineering	10000	Meeting funeral expenses
22		Mr. Ramesh Dutt Uniyal	Attendant	CRI	10000	Meeting funeral expenses
23	283	Mr. Vikram Sethi	Executive Technician	Microibiology	10000	Meeting funeral expenses
24	711	Mr. Moninudding	Attendant	OPD	10000	Meeting funeral expenses
25	2172	Mr. Dharmendra Singh	Attendant	IPD	10000	Meeting funeral expenses
26	191	Mr. Rajender Kumar	Plumber	Engineering	10000	Meeting funeral expenses
27	3531	Mr. Niting Kumar	Attendant	IPD	75000	Self Marriage
28	967	Mrs. Vinita Joy Samuel	Staff Nurse	Nursing	75000	For her daughters marriage
29	3906	Mr. Suryakant Sharma	Electrician	Engineering	50000	Fee for her childs education
30	3909	Mr. Sanjay Goyal	Electrician	Engineering	75000	For her daughters marriage
31	9027	Mr. Devendr Prasad	Executive Lab Technician	HCDRL	50000	For her daughters marriage
32	84	Mr. Jeet Singh Verma	Astt. Store Keeper	Boys Hostel	100000	For her daughters marriage
33	6018	Mr. Sheesh Pal Singh Rawat	Sr. Attendant	Boys Hostel	75000	For her sons marriage
34	3612	Mr. Jitendra Tiwari	Supervisor	Gardening	50000	Fee for her childs education
35	7127	Ms. Asha Devi	Attendant	Girls Hostel	75000	For her daughters marriage
36	466	Mr. Yashpal Singh Negi	Attendant	HSST	30000	For her daughters marriage
37	3547	Mr. Sudhir	Technical Assistant	Dental	50000	Self Marriage
38	6128	Mr. Mast Ram Uniyal	Attendant	Community Medicine	50000	Fee for her childs education

39	397	Mr. Praveen Khantwal	Mechanic	MT	50000	Fee for her childs education
40	2729	Mr. Devener Negi	Executive	finance	60000	Fee for her childs education
41	2901	Mr. Dheerendra Singh	Attendant	Principal Office	50000	Fee for her childs education
42	83	Mr. Subnesh Kukreti	Att. Receptionist	Registrar Office	50000	Fee for her childs education

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

Crèche, Pre- School and Wellness Centre: The University has a well-equipped Creche and pre-school facility. There is also a dedicated wellness centre, to cater to the overall wellness of the individual.

Basic Facilities: The University campus has all basic facilities like Bank, ATMs, Post-office, shopping complex, beauty parlour/ hairdresser, and canteen facilities, besides a large daily-needs shopping store to take care of the day to day needs of an individual/ family.

Sports Facilities: Badminton, Tennis, Volleyball, Basketball courts, Cricket and Football Ground, Indoor-Gyms and Yoga Centre aim to help staff and students engage themselves in physical activity/ exercise and lead a healthy life.

Teaching & Research

- Promotion of academic excellence through the publication of research, including Scopus-indexed papers related to economic growth and employment.
- Encouragement of consultancy, advanced academic pursuits, and participation in international conferences.
- Financial and institutional support for faculty engaged in higher education and impactful research projects. ***Link for Policy***
- Financial support for FDP'S. ***Link for Policy***

SUSTAINABLE GOALS

SUSTAINABLE DEVELOPMENT GOALS

9

INDUSTRY, INNOVATION AND INFRASTRUCTURE

srhu.edu.in

Research and Innovation

To promote entrepreneurship among faculty members and students, the University actively encourages participation in entrepreneurial activities, in alignment with best practices from other esteemed institutions. The Himalayan Centre for Innovation and Entrepreneurship (HCIE) supports these initiatives by providing incubation resources to both faculty and students. The objective is to encourage faculty and researchers to engage i n commercial ventures related to their expertise, adding an entrepreneurial dimension to their existing roles. The University particularly fosters businesses that arise from its R&D activities, in accordance with the Entrepreneurship Policy and approval from relevant authorities. In addition to supporting internal stakeholders, the University aims to be a driving force in cultivating an entrepreneurial culture within its community and the surrounding region. HCIE extends its facilities to external entrepreneurs, contributing to regional development. The center offers co-working spaces, research labs, computer workstations, fabrication labs, and mentorship from industry experts, providing comprehensive support for emerging businesses. To embed innovation and startup culture into the education system, the University has developed a policy document in line with the National Student and Faculty Startup policy, which will evolve over time. This document outlines the University's commitment to fostering innovation and entrepreneurship on campus, adopting best practices to encourage and facilitate these efforts. HCIE supports startups in various fields, including agriculture, health sciences, medical technologies, social entrepreneurship, and cutting -edge technologies. The center has already provided incubation for several startups, further solidifying its role as a catalyst for entrepreneurship and innovation.

Facilities at HCIE:

- **Co-working Space**
- **Makers Space**
- **Conference Room**
- **Mentorship**
- **Marketing Training**

1. INCUBATED STARTUPS AT HCIE

1.1 CANFINIS THERAPEUTICS PVT LTD

Canfinis Therapeutics Pvt Ltd is an Indian pioneer in oncology innovations, established in 2021 to create cancer treatments using customized cell therapies. Canfinis is developing a novel ex vivo Tumour microenvironment platform to test the efficacy of novel molecules and SOCs in personalized and physiological settings

1.2 IMFLA PVT LTD

Himfla Pvt Ltd is a premium brand in India that aspires to provide unrefined, genuine Himalayan salt. According to Himfla, their salt product is all-natural and has no artificial ingredients. Additionally, Himfla is strengthening the hill economy by generating employment and sourcing the ingredients for their product line through self-help groups, and farmers from the hills of Uttarakhand.

1.3 ULO Labs Pvt Ltd

ULO Labs develops plant-based nutraceuticals for human health and wellness. The products at Ulo Labs are designed based on the published scientific literature and unique formulations that add to human health and wellness. Ulo Lab is committed to delivering high-quality & efficacious products ensuring a healthier lifestyle. Product Line of ULO Labs: Curcusol, Gluconot, Ketocan

INCUBATED PRE-STARTUPS

MINDURA YOGWELL

Mindura Yogwell

Mindura Yogwell is a promising wellness and yoga pre-startup dedicated to promoting holistic health through traditional yoga practices. The company aims to provide students, faculty, staff, and the wider community of SRHU access to professionally delivered yoga, wellness, and mindfulness programs that align with SRHU's focus on holistic development and well-being. Mindura Yogwell blends ancient techniques with modern insights to offer diverse classes and workshops for all experience levels, focusing on mental clarity and physical vitality. Their skilled 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.

2. GRADUATED STARTUPS

MEQ ACADEMY LTD

MEQ Academy is a distinguished firm specializing in corporate training and IT software services. Renowned for its commitment to excellence, the academy empowers professionals with cutting-edge skills through tailored training programs designed to meet the dynamic demands of the corporate world. Additionally, MEQ Academy delivers innovative IT solutions, helping businesses streamline operations and achieve technological advancement.

JASARENA INDIA PVT LTD

JASARENA India Pvt Ltd is a versatile company offering a comprehensive suite of reliable services tailored to meet diverse business needs. Its expertise spans marketing, promotional activities, event management, co- branding, and bulk printing services, ensuring seamless execution and impactful results. Known for its customer-centric approach and innovative solutions, JASARENA India Pvt Ltd helps businesses enhance their brand presence and achieve strategic goals.

PRODUCTS DEVELOPED BY STARTUPS

HIMFLA PVT LTD

Himfla is a premium brand in India that aspires to provide unrefined, genuine Himalayan salt. According to Himfla, their salt product is all-natural and has no artificial ingredients. Additionally, Himfla is strengthening the hill economy by generating employment and sourcing the ingredients for their product line through self-help groups, and farmers from the hills of Uttarakhand.

3. ACTIVITIES BY HCIE

ENTREPRENEURIAL AWARENESS SESSION

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.

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.

ENTREPRENEURIAL AWARENESS SESSION

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.

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.

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.

FISH TANK – ENTREPRENEURSHIP IDEA COMPETITION

ENTREPRENEURIAL ARTWORK

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.

4. Research Projects on Industrial and Technological Innovation

SRHU cultivates a vibrant research ecosystem focused on industrial and technological innovation to tackle real-world challenges. By encouraging interdisciplinary collaboration and utilizing advanced methodologies, the university empowers faculty to undertake transformative research. Seed funding for researchers promotes the development of innovative technologies, process improvements, and sustainable solutions, aligning with SRHU's mission to make impactful contributions to industry and society.

The Institution provides seed money to its teachers for research (2023-24)					
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.	Formulation And Evaluation Of Herbal Hydro Gel For Hair Growth	03 Months	Ujjwal Nautiyal, Mukesh Bijalwan Charanjeet Kaur, Abhishek Chandola	0.15	Till December 2023
2.	A review on the methods used to produce biochar, stability and potential application in sustainability	04 Months	Vishal Rajput, Isha Saini, Simran Parmar, Vedansh Pundir, Sanjay Gupta	0.15	Till December 2023
3.	Efficacy Of Herbal Drugs and Cost-Effectiveness	03 Months	Ujjwal Nautiyal, Rahul Pandey, Abhishek Chandola	0.15	Till December 2023
4.	Enhancing Diagnosis and Management of Conjunctivitis: Challenges, Innovations, and Evidence-Based Strategies	04 Months	Arvind Singh Farswan, Mamta Farswan Singh, Archna Dhsamana, Ganesh Kumar, Vivekanand Bahuguna, Vikas Singh Jadon	0.3	Till December 2023
5.	Evaluation of polysaccharides, proteins, total phenolic content and antioxidant property of *Hypsizygus ulmarius* cultivated on varying substrate	06 Months	Rashmi Chauhan, Archna Dhasmana, Indra Rautela,	0.3	Till December 2023
6.	Fishers 4.0: Revolutionizing Contemporary Fisheries Management through Industry 4.0 Integration	03 Months	Dr Pooja Joshi, Dr Ashutosh Bhatt	0.3	Till December 2023
7.	Forehead Pulse Oximeter Headband	6 Months	Dr Talha Rehman, Dr Girish Gupta	0.06	Till December 2023
8.	Habenaria intermedia D.Don (Riddhi)-History and Important Medicinal Properties	03 Months	Keerthiraj M, Praneetha Vanapalli, Mohammad Arif Hussain, Shivika Sharma, Vikas Sharma, Geeta	0.15	Till December 2023

			bhandari, Nupur Joshi, Archna Dhasmana[2], Vikash S Jadon[2]*		
9.	*In Silico* Mining Of Simple Sequence Repeats (Ssr) In Genome Sequences Of Tartary Buckwheat (*Fagopyrum Tataricum*)	03 Months	Garima Kishore, Anjali Uniyal, Geeta Bhandari, and Sanjay Gupta	0.3	Till December 2023
10.	Intravaginal Slab Phantom With Air-Pockets	06 Months	Dr. Jyoti Bisht, Dr. Satish Uniyal, Dr. Sunil Saini, Dr.Mushtaq Ahmed,Dr. Vipul Nautiyal, Mr. Ravi Kant,Dr. Meenu Gupta	0.3	Till December 2023
11.	Mahameda (Polygonatum cirrhifolium (Wall) Royle): An Important Astavarga Plant from Indian system of medicines	04 Months	Aditi Rawat, Nidhi Singh, Puja Pal, Sakshi Chavan, Samiksha Admane, Unnati Sharma, Vikas Sharma, Geeta Bhandari, Archna Dhasmana, Vikash S Jadon	0.15	Till December 2023
12.	Micropropagation and antimicrobial activity of *Callicarpa macrophylla* (Priyangu) against medically important pathogens	06 Months	Saurabh Gangola, Samiksha Joshi, Neha Kandpal, Geeta Bhandari, Sanjay Gupta, Vikash Singh Jadon, Vikas Sharma	0.15	Till December 2023
13.	Phytochemical Analysis and Evaluation of Antioxidant Activity in Fagopyrum esculentum	04 Months	Vikash S Jadon, Archna Dhasmana, Nupur Joshi, Geeta Bhandari, Ayushi Santhama, Vikas Sharma, Sanjay Gupta, Deepanshu Rana	0.15	Till December 2023
14.	Quantitative determination and source variation of Rutin in Fagopyrum tataricum	04 Months	Vikash S. Jadon, Sandeep Kumar, Barkha Kamal, Geeta Bhandari, Nupur Joshi, Archna Dhasmana and Sanjay Gupta	0.15	Till December 2023

15.	Toilet Footrest Lifting Assembly	6 Months	Dr. Vijendra Devisingh Chauhan, Dr. Chandra Shekhar Nautiyal	0.06	Till December 2023

The Himalayan School of Biosciences (HSBS) at Swami Rama Himalayan University (SRHU) is dedicated to fostering research excellence and innovation in the field of life sciences. The establishment of the Endowment Chair on Translational Research is a significant initiative aimed at bridging the gap between fundamental research and practical applications. This chair serves as a platform to promote groundbreaking research, foster industry-academia collaborations, and develop solutions that address real-world challenges.

SUSTAINABLE DEVELOPMENT GOALS

SUSTAINABLE DEVELOPMENT GOALS

10

REDUCED INEQUALITIES

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1.Inclusive Education: Scholarships and Financial Aid

Swami Rama Himalayan University (SRHU) is committed to fostering inclusive education, ensuring access to quality learning for students from diverse backgrounds. The university prioritizes equity through various scholarships and financial aid programs, catering to marginalized groups, including those with disabilities, low-income families, and disadvantaged communities. By reserving 40% of seats for Uttarakhand residents and offering substantial tuition fee concessions, SRHU promotes regional representation and inclusivity. These initiatives align with the university's vision to empower individuals and bridge gaps in access to education, creating a supportive and equitable academic environment

1. **Reservation for Uttarakhand Residents**

SRHU reserves **40% of seats in all courses** for permanent residents of Uttarakhand, demonstrating its commitment to regional inclusion. Additionally, **26% fee concessions** are offered to these students. If reserved seats remain vacant after the admission deadline, they are made available to other candidates, ensuring optimal utilization of resources. more information

2. **Merit-Cum-Means Scholarships**
Designed for students from economically weaker sections, this scholarship applies to those with an annual family income of less than ₹5,00,000. It covers **50% of the tuition fee for the first year**, extendable to subsequent years based on a minimum of **70% academic performance and 80% attendance**. For more information

3. **Special Scholarships**
Special provisions include:

Support for transgender candidates and differently abled students.

Fee concessions for wards of Armed Forces, Paramilitary Forces, and Police Force personnel (serving or retired).

4.   **Additional Fee Concessions**

SRHU extends **25% tuition fee concessions** to:

- Female candidates, promoting gender inclusivity.
- SRHU graduates pursuing higher degrees at the university.
- Wards of SRHU employees, subject to service conditions

5.   **Free Education for Orphans:**

A provision for **one orphan per academic program** ensures access to education for the most vulnerable, reaffirming the university's dedication to inclusivity.

2.Curriculum for Inclusivity and Equality

An inclusive and equitable curriculum is essential for preparing socially responsible professionals who can address disparities and foster diversity in their fields. A comprehensive approach to education includes **53 courses** that address cross- cutting issues of inclusivity, integrating diverse perspectives, cultures, and needs.

- **Medical and Health Sciences**: Courses such as **Community Medicine**, **Health Policy Planning**, **Geriatric and Adolescent Health**, and **Occupational Health** equip students with the skills to tackle healthcare inequalities. Subjects like **Health Economics** and **Biostatistics** enable critical analysis and the development of equitable healthcare policies.

- **Physiotherapy and Nursing**: Programs such as **Community Physiotherapy**, **Health Promotion**, and **Advance Nursing Practice** focus on community-oriented care, helping bridge gaps in healthcare access for underserved populations.
- **Social Sciences and IT**: Courses like **Sociology**, **Professionalism**, **Basic Computer Sciences**, and **Communication Skills** cultivate empathy, cultural awareness, and technological fluency, essential for building inclusive communities.

- **Management and Business**: Subjects such as **Human Resource Management**, **Business Communication**, and **Strategic Management** emphasize ethical leadership and inclusivity, empowering future professionals to advocate for equality within organizational frameworks.

This dynamic curriculum not only provides academic enrichment but also instils a deep sense of social responsibility, preparing individuals to address inequalities and contribute to a more inclusive and equitable world.

3.Accessible Learning Resources

At SRHU, accessibility and inclusivity are at the core of our educational philosophy. Our website is equipped with the **wp-accessibility plugin**, ensuring that color and font sizes are adaptable for individuals with visual challenges. For further personalization, users can modify their computer settings or install assistive technologies like **NVDA.**

The **SRHU Library System** stands as a model of excellence among private universities in India. It comprises a Central Library and six specialized faculty library centres spread across the institution's schools, including **HSMS, HSST, HCN, HSBS, HSYS, and HSPS**. The libraries collectively offer cutting-edge **digital services** powered by RFID, KOHA LMS, and remote access to vast collections of e-resources, including over **37,000 monographs**, **2,561 foreign journals**, and access to lakhs of e-books and open- access journals.

Key features include:

- Off-campus access to subscribed and open-source resources.
- Continuous **information literacy programs** for optimal utilization of resources.
- A robust digital repository, **The Himalayan**, offering a comprehensive archive of question papers, research outputs, and more.

Notable resources include **Scopus, Cochrane Library, NEJM, IEEE CSDL, NPTEL, SWAYAM**, and **Shodhganga**, among others. Additionally, the library offers specialized access to open resources

such as **Gandhi Heritage, Vedic Heritage**, and **PubMed Central**, ensuring a blend of traditional and modern knowledge.

The Central Library, with a **425-seat capacity**, has evolved over its **32-year journey** to become a beacon of knowledge and inclusivity, empowering students and researchers to thrive in a diverse academic environment. For assistance, recommendations, or remote access, the library staff and services remain readily accessible.

4. Disability Inclusion

In alignment with **SDG 10: Reduced Inequality**, the university is dedicated to fostering an inclusive environment for students, faculty, and staff with disabilities. To ensure accessibility for all, the campus is equipped with ramps, lifts, and tactile pathways at key locations, facilitating safe and independent navigation for individuals with mobility challenges. Disability-friendly washrooms are strategically placed throughout the campus to meet the diverse needs of our community. Additionally, wheelchair assistance is provided at the University hospital, ensuring that healthcare services are easily accessible to everyone. These efforts reflect our commitment to reducing inequality and promoting an environment where all individuals, regardless of ability, can fully participate in academic, social, and extracurricularactivities.
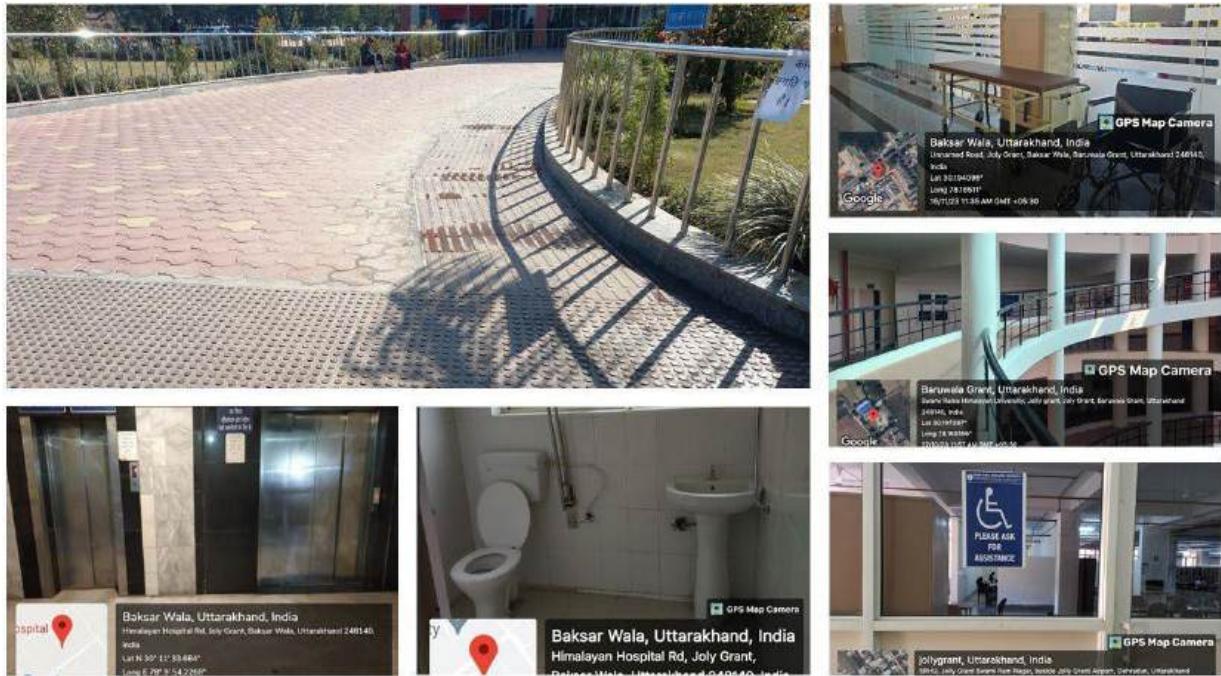
5. Cultural and Religious Diversity

To promote cultural and religious diversity, ensuring that students from varied backgrounds can engage, collaborate, and learn in an inclusive environment. With 751 students admitted from other states, the university celebrates the rich blend of cultural perspectives and traditions. This diversity is further nurtured through a variety of cultural events organized throughout the year.The **'Himotsav-2024'** foundation day celebration exemplified the university's commitment to cultural inclusivity. The three-day event saw students from different regions and communities come together, showcasing the vibrant cultural diversity of India. Performances ranged from

Garhwali and Punjabi dances to Marathi and South Indian folk traditions, creating a memorable exchange of regional cultures. The participation of students from diverse disciplines highlighted the unity in diversity, fostering a sense of belonging among the entire student body. For more information

In addition, the university observes international celebrations such as **Mother Language Day** and **Republic Day**, further enriching the cultural fabric of the campus. These events promote linguistic diversity and the preservation of cultural heritage, ensuring that students' identities and backgrounds are respected and celebrated.

The campus continues to be a platform where different cultures converge, providing opportunities for students to share ideas, learn from each other, and contribute to a more inclusive society. For more information

6. Research Initiatives

The university actively contributes to **Sustainable Development Goal 10 (Reduced Inequalities)** through impactful research aimed at addressing disparities in health, education, economic inclusion, and social equity. Notable studies include evaluations of government de-addiction programs, socioeconomic differentials in maternal healthcare access in urban slums, and workplace stress among healthcare providers, all of which highlight systemic barriers and propose actionable solutions for more equitable outcomes.

11 documents for *Reduced inequalities*

Article • Open access
Optimization of Deep Learning-Based Model for Identification of Credit Card Frauds
Palivela, H., Rishiwal, V., Bhushan, S., ...Kumar, P., Yadav, M.
IEEE Access, 2024

Book Chapter
An overview of the accessibility and need of AI animation tools for specially abled students
Parashar, B., Sharma, R., Parashar, V., ...Nayyar, A., Harish, V.
AI-Assisted Special Education for Students With Exceptional Needs, 2023

Article • Open access
Developing Standard Treatment Workflows—way to universal healthcare in India
Grover, A.S., Bhargava, B., Srivastava, S., ...Kant, M., Chatterjee, A.
Frontiers in Public Health, 2023

Conference Paper • Open access
Indian health care system is ready to fight against covid-19 a machine learning tool for forecast the number of beds
Nagpal, S., Athavale, V.A., Saini, A.K., Sharma, R.
PDGC 2020 - 2020 6th International Conference on Parallel, Distributed and Grid Computing, 2020

Article • Open access
Burnout among healthcare providers during COVID-19: Challenges and evidence-based interventions
Sultana, A., Sharma, R., Hossain, M.M., Bhattacharya, S., Purohit, N.
Indian Journal of Medical Ethics, 2020

Article • Open access
Parents' acceptance and regret about end of life care for children who died due to malignancy
Das, K., Khanna, T., Arora, A., Agrawal, N.

In addition to healthcare, the university's research promotes educational and financial inclusion. Studies on AI tools for students with disabilities and comparisons of mid-day meal beneficiaries with private school attendees emphasize the role of inclusive policies in bridging educational gaps. Economic-focused research, such as optimizing credit card fraud detection models and reducing remittance transaction costs, supports underserved populations in achieving financial security. These initiatives collectively reflect the university's dedication to fostering equality and advancing sustainable development.

7. Student Clubs and Initiatives

YOUNITE, a dynamic student-led initiative at Swami Rama Himalayan University (SRHU), exemplifies the principles of **SDG 10: Reduced Inequalities** by fostering unity, inclusivity, and empowerment among students. Launched by the Honorable Vice Chancellor, YOUNITE, symbolized by the emblem of **joining hands**, represents the synergy that emerges when youth unite to drive positive change. This vibrant club champions equal opportunities, bridges divides, and uplifts marginalized groups through leadership workshops, peer support networks, and community engagement initiatives. By encouraging collaboration and holistic growth, YOUNITE inspires students to embrace diversity, break barriers, and create a more equitable campus environment, reflecting SRHU's unwavering commitment to reducing inequalities and fostering social harmony.

Events Organized by YOUNITE Aligned with SDG 10: Reduced Inequalities
- Yuvotsav 2024

A vibrant celebration of talent, innovation, and collaboration, featuring diverse competitions such as the **Code Quiz 202 Hackathon**, **Fish Tank Start-Up Challenge**, **Ranbhoomi E- Sport Tournament**, and **MUN - Envisage**. The event provided a platform for students to showcase their creativity, problem-solving abilities,

entreprenurial ideas, and leadership skills, fostering inclusivity and camaraderie. By bringing together participants from various disciplines, Yuvostav exemplified YOUNITE's commitment **to** SDG 10: Reduced Inequalities, creating opportunities for learning, growth, and unity within the SRHU community. [For more information]

- **Alumni Meet 2024**

A nostalgic reunion where former students reconnected with their alma mater, sharing memories and experiences. The gathering emphasized inclusivity by welcoming alumni from various years, strengthening bonds and mutual support within the SRHU community.

- **Fun Quiz for School Students**

YOUNITE conducted interactive quiz sessions at DAV Public School and Nirmal Ashram Deepmala Pagarani Public School, engaging students in a stress-free and enjoyable environment. These activities fostered curiosity and joy, breaking the monotony of routines and encouraging collaborative learning.

- **Mobile Mania Gaming Event**

Bringing students together through their love for gaming, this event featured thrilling battles in games like BGMI, Free fire, and Ludo. By creating a platform for shared

interests, YOUNITE fostered friendships and inclusivity through this engaging experience.

- **Garba and Dandiya Eve**

Under a starry sky, YOUNITE organized a colourful Garba and Dandiya night, where students from various schools joined hands to celebrate unity and tradition. The event transcended boundaries, blending cultural diversity with collective joy and togetherness.

- **Stress-Buster Session at Himalayan School of Nursing**

A lively session filled with games, laughter, and camaraderie, providing nursing students a much-needed break from their rigorous schedules. The event highlighted the importance of mental well-being and community bonding.

- **Nature and Wildlife Painting Competition**

In collaboration with the Literary and Fine Arts Committee, YOUNITE hosted a painting competition in the serene Gazebo Garden. Students from different disciplines portrayed nature's beauty on canvas, fostering creative expression and inclusivity in a peaceful, collaborative setting.

Through these events, YOUNITE not only promotes creativity and camaraderie but also actively contributes to reducing inequalities by creating platforms that celebrate diversity, unity, and equal opportunities for all.

8. Community Outreach Activities

The University has implemented a wide range of initiatives under SDG 10 to ensure equal opportunities, support, and empowerment for people with disabilities. These efforts span across various domains, including comprehensive support services, career assistance, medical care, income generation programs, and awareness campaigns. By addressing the unique needs of individuals with disabilities, SRHU aims to enhance their quality of life, promote their participation in society, and provide them with the tools to lead independent and fulfilling lives. Below is an overview of the key initiatives undertaken by the university to support the disability-inclusive community:

- **Comprehensive Support**
    - The University has been actively involved in providing comprehensive support to individuals with disabilities, reaching over 500 people in need. This initiative included offering medical care and counselling services to address their health and emotional well-being. Additionally, assistive devices such as wheelchairs and tricycles were provided to 11 individuals, enabling them to move freely and independently.

    -

- **Learning Disability Clinic**
    - A dedicated multidisciplinary team comprising psychologists, educators, and speech therapists supported over 190 children with learning disabilities. The clinic adopted a holistic approach, focusing on enhancing the physical, emotional, social, and intellectual well-being of these children.

- **Unique Disability ID (UDID) Cards**
    - In line with simplifying disability verification and identification processes, assistance was provided to 40 individuals to help them register for and obtain Unique Disability ID (UDID) cards by assisting these individuals in obtaining the UDID cards, the initiative ensured that they could more easily access social welfare schemes, healthcare services, and other essential support systems available for people with disabilities.

- **Career Support**
    - The university's career support initiatives focused on empowering individuals with disabilities to find meaningful employment. A total of 100 individuals were registered with the National Career Service Centre (NCSC), and 57 successfully completed the registration process. Additionally, 20 individuals participated in career fairs, with 8 securing positions in reputed companies such as Amazon and Bajaj Finance.

- **Corrective Surgeries and Scholarships**

The University conducted screenings for individuals requiring corrective surgeries, helping identify 3 individuals in need of surgical intervention. In addition to medical support, 9 special

children were awarded scholarships to assist with their educational needs, ensuring that financial constraints did not hinder their academic progress.

Swami Rama Himalayan University

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SUSTAINABLE DEVELOPMENT GOALS

SUSTAINABLE DEVELOPMENT GOALS

11

SUSTAINABLE CITIES AND COMMUNITIES

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1. **Key Targets of SDG 11**
2. **Safe and Affordable Housing:** Ensure access to adequate, safe, and affordable housing and basic services for all by upgrading slums and addressing housing inequality.
3. **Sustainable Transportation Systems:** Develop inclusive and efficient transport systems to improve accessibility and reduce environmental impact.
4. **Urban Resilience and Disaster Management:** Strengthen resilience to natural disasters and climate-related hazards through adaptive planning and resource management.
5. **Inclusive Urban Planning:** Promote participatory and integrated planning approaches to ensure that urban development considers social, economic, and environmental aspects.
6. **Sustainable Urbanization:** Foster sustainable urban growth by improving resource efficiency, reducing emissions, and incorporating renewable energy solutions.
7. **Protection of Cultural and Natural Heritage:** Safeguard and promote cultural and natural heritage sites to enhance community identity and sustainable tourism.
8. **Reduction of Environmental Impact:** Minimize urban pollution, improve waste management, and ensure sustainable resource use.
9. **Access to Green and Public Spaces:** Create inclusive, safe, and accessible green spaces to promote well-being and community engagement.

2.Challenges in Achieving SDG 11

- **Rapid Urbanization:** Growing urban populations often outpace infrastructure development, leading to overcrowding and inadequate basic services.
- **Environmental Degradation:** Urban areas are major contributors to pollution and greenhouse gas emissions.
- **Inequality in Urban Areas:** Marginalized communities often lack access to affordable housing, clean water, and sanitation.
- **Disaster Vulnerability:** Poor urban planning and climate change increase the risk of natural disasters in cities.
- **Inadequate Policy and Governance:** Weak governance and lack of integrated urban policies hinder sustainable urban development.

3.Role of SRHU in Supporting SDG 11

Swami Rama Himalayan University (SRHU) is dedicated to fostering sustainable cities and communities through its education, research, and outreach programs:

1. **Sustainable Campus Initiatives:** The University employs green infrastructure, energy-efficient buildings, rainwater harvesting, and waste management systems to promote sustainability.

2. **Research and Innovation:** Faculty and students engage in multidisciplinary research on sustainable urban planning, renewable energy solutions, and waste recycling technologies.
3. **Community Outreach:** SRHU collaborates with local authorities and NGOs to implement projects focused on public health to combat environmental challenges, disaster resilience, and urban sustainability in nearby communities.
4. **Education and Training:** The University integrates sustainability principles into academic curricula, equipping students with the knowledge and skills to address urban challenges.
5. **Green Public Spaces:** The campus promotes biodiversity and well-being through eco-friendly landscaping and open areas accessible to the community.

Research Initiatives

Swami Rama Himalayan University (SRHU) is deeply committed to advancing the goals of SDG 11 through impactful research initiatives aimed at fostering sustainable cities and communities. The University conducts interdisciplinary research to address critical urban challenges, including waste management, energy efficiency, climate resilience, and public health. Emphasis is placed on community-centric research that promotes sustainable housing, waste recycling, and inclusive urban development, with a particular focus on marginalized populations. By seamlessly blending research with community engagement, SRHU contributes to knowledge-driven solutions that enhance the sustainability and liveability of cities and human settlements.

4.Research Projects

The University provides research funds to promote the research for conduction of research (Intramural-Projects-Ongoing-2023.pdf, Intramural-Project-2024-Sanctioned-4.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.	Upgrading plant microbe-based approach to enhance phytoremediation method in contaminated water body	24 Months	Dr Vivek Kumar, HSBS	5.750	2024
2.	Elite germplasm selection based on elicited gymnemic acid and antioxidant status of Gurmar (Gymnema sylvestre)	24 Months	Dr Vikas Jadon, HSBS	9.000	2024

	using micropropagation technique				
3.	Capacity Building for Agri-entrepreneurship Development for Socio-Economic Independence Leading to Entrepreneurial Empowerment in Uttarakhand Region (18 months duration)	18 Months	Dr. Geeta Rana, HSMS	1.350	2024
4.	Epidemiological study of Dementia in Uttarakhand: A comprehensive Approach	24 Months	Dr Ashwani Bhatt	9.550	2024
5.	Impact of Yoga Practices on Physiological, Biochemical and Psychological Parameters in Young Adults- A Pilot Study	12 Months	Dr Ankit Sharma	2.000	2024
6.	Metagenomic analysis of hospital wastewater for determination of drug resistance genes	12 Months	Dr Vivek Kumar;	3	2024
7.	Generating awareness for head and neck cancer prevention and treatment at a tertiary care hospital	04 Months	Dr. Jashan Reet, Dr. Juhi Kalra	0.15	Till December 2023
8.	Assessing post-vaccination symptoms in adults: a study on Covishield immunization in individuals above 18 years	06 Months	Akanksha Saini, Dr Nikku Yadav	0.15	Till December 2023
9.	A review on the methods used to produce biochar, stability and potential application in sustainability	04 Months	Vishal Rajput, Isha Saini, Simran Parmar, Vedansh Pundir, Sanjay Gupta	0.15	Till December 2023
10.	A Study of The Bacteriological Profile of Chronic Osteomyelitis in A Tertiary	03 Months	Arjun Prabhu Sharma, Chetan	0.3	Till December 2023

	Care Referral Centre: A Contemporary Study		Peshin, Barnali Kakati		
11.	A Study on Classification of Rumour Detection System in Online Social Media Platforms	06 Months	Anupama Mishra	0.3	Till December 2023
12.	Aging and Yoga: Exploring the Benefits of Yoga in Promoting Healthy Aging	04 Months	Dr. Somlata Jha	0.3	Till December 2023
13.	Assessment of Health Problems among Brick Kiln Factory Workers in a District of Uttar Pradesh -A Cross-Sectional Study	03 Months	Ms. Swati Sharma, Dr. Ruchi Juyal, Dr. Sudeep Bhattacharya, Dr. Deep Shikha	0.3	Till December 2023
14.	Bio Social Risk Factors of Acute Stroke: A Case Control study from tertiary care Hospital of Uttarakhand	04 Months	Dr. Yogesh Saxena, Dr. Manish Mittal, Dr. Malini Shrivastava, Dr. Shailendra Raghuvanshi,	0.2	Till December 2023
15.	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
16.	Evaluation of polysaccharides, proteins, total phenolic content and antioxidant property of *Hypsizygus ulmarius* cultivated on varying substrate	06 Months	Rashmi Chauhan, Archna Dhasmana, Indra Rautela,	0.3	Till December 2023
17.	Green Synthesis of Al_2O_3 Nanoparticles from Agro-Waste as a Sustainable approach	04 Months	Ayushi Santhanam, Archna Dhasmana, Abhilekh Sati, Geeta	0.3	Till December 2023

			Bhandari, Sanjay Gupta		
18.	Mahameda (Polygonatum cirrhifolium (Wall) Royle): An Important Astavarga Plant from Indian system of medicines	04 Months	Aditi Rawat, Nidhi Singh, Puja Pal, Sakshi Chavan, Samiksha Admane, Unnati Sharma, Vikas Sharma, Geeta Bhandari, Archna Dhasmana, Vikash S Jadon	0.15	Till December 2023
19.	Needle stick injury among healthcare workers in a tertiary care setting of Uttarakhand - A RECORD based comparative study between pre-covid and during covid times	06 Months	Dr. Singh Rajender, Dr. Mittal Garima, Dr. Srivastava Abhay, Mr. Kumar Yogesh, Mr. Sharma Balkrihsna	0.3	Till December 2023
20.	Roof Top Rainwater Harvester	09 Months	Dr. H.P. Uniyal	0.3	Till December 2023
21.					

5.Research Publications

Swami Rama Himalayan University (SRHU) is dedicated to advancing knowledge and supporting Sustainable Development Goal 11 (SDG 11) through impactful research publications. Faculty and researchers from various disciplines contribute to peer-reviewed national and international journals, addressing key topics such as sustainable urban planning, renewable energy integration, waste management, and climate-resilient infrastructure. These publications offer evidence-based solutions to urbanization challenges while promoting sustainability and inclusivity in cities and communities. By disseminating knowledge and influencing policymaking, these scholarly contributions not only enhance SRHU's academic

reputation but also strengthen its commitment to fostering sustainable practices and supporting the objectives of SDG 11. (Scopus - Swami Rama Himalayan University)

To name a few top publications are as under:

Aswal, R.S., Prasad, M., Singh, J., ...Pandey, O.P., Egbueri, J.C. groundwater. Scientific Reports, 2024

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

Bhatt, A., Joshi, P., Joshi, K.P., Bijalwan, A. Advanced technologies for realizing sustainable development goals: 5G, AI, big data, blockchain, and Industry 4.0 application. 2024

Trivedi, A., Trivedi, N. Integrating circular economy in smart cities: Challenges and pathways to sustainable urban development. Smart Cities and Circular Economy: The Future of Sustainable Urban Development, 2024

Rajput, V., Saini, I., Parmar, S., ...Naik, B.S.S.S., Rustagi, S. Biochar production methods and their transformative potential for environmental remediation. Discover Applied Sciences, 2024

Sharma, V., Srivastava, D., Kumar, L., Payal, M. A novel study on IoT and machine learning-based transportation. Machine Learning Techniques and Industry Applications, 2024

Conference Paper

Mishra, A. Review of Design Issues, Applications, and Architecture of Wireless Sensor Networks. Proceedings - 2024 International Conference on Healthcare Innovations, Software and Engineering Technologies, HISET 2024, 2024

Bhandari, G., Chaudhary, P., Gangola, S., ...Rafatullah, M., Chen, S. prospects. Journal of Water Process Engineering, 2023

Saini, D.K.J.B., Kamble, S.D., Shankar, R., ...Tripathi, D.P., De, A. Fractal video compression for IOT-based smart cities applications using motion vector estimation. Measurement: Sensors, 2023

6. Extension and outreach activities

Swami Rama Himalayan University (SRHU) undertakes extensive extension and outreach activities to advance the objectives of Sustainable Development Goal 11 (SDG 11), which focuses on fostering sustainable, inclusive, and resilient cities and communities. These initiatives address critical urban challenges such as housing, sanitation, waste management, transportation, and disaster resilience while promoting sustainable rural-urban linkages. SRHU collaborates closely with local communities, municipal bodies, and non-governmental organizations to implement programs aimed at improving living conditions, raising awareness about sustainability, and encouraging active community participation in urban development efforts.

Core activities include capacity-building workshops on disaster preparedness and climate resilience, community-led waste management initiatives, and awareness campaigns advocating eco-friendly practices like rainwater harvesting and sustainable building designs. SRHU also emphasizes inclusive development by facilitating programs that focus on affordable housing, accessible infrastructure, improved sanitation, and skill-building for marginalized groups. These initiatives not only reflect SRHU's vision of holistic education and sustainable progress but also

reinforce its dedication to creating resilient, sustainable, and thriving communities across Uttarakhand and beyond.

1. **Primary Health**

General Health Camps

General Health Camps play a crucial role in promoting health and well-being within remote communities. These camps provide essential healthcare services, focusing on preventive care, health education, and the early detection of health issues. Key services offered include:

Growth Monitoring

Blood Pressure Measurement

Sugar Tests

Hemoglobin (Hb) Tests

Additionally, Iron Folic Acid (IFA) and calcium tablets were distributed to women in their antenatal and postnatal periods to support their nutritional needs.

Over the course of 16 camps, a total of 638 patients from different age groups and backgrounds received healthcare services, highlighting the significant impact these camps have on underserved communities.

Telemedicine services

Telemedicine services have been instrumental in improving healthcare access in remote and mountainous areas. Through Tele vital, telemedicine services are provided in the Toli area of Jaiharikhal block (Pauri district) and Nagthat in Kalsi block (Dehradun district). These services cater to a population of approximately 70,000 people, ensuring that individuals in these regions receive timely medical consultations despite geographical challenges.

Himalayan Sanjeevani Clinic, Nagthat, Dehradun

At the telemedicine center, a total of 1,422 patients were served, with 1,247 connected to specialists at Himalayan Institute of Medical Sciences, SRHU for secondary consultations. Among the patients, 715 were female and 707 were male, with the majority (61%) in the 20-59 age group, while the lowest (6%) were in the 6-10 age group. Services offered included blood pressure measurement, sugar tests, Hb tests, and ECGs.

Age wise distribution of patients (N-1422)

Age group	No. of patients in %
0-5	9
6-10	6
11-19	9
20-59	61
>61	15
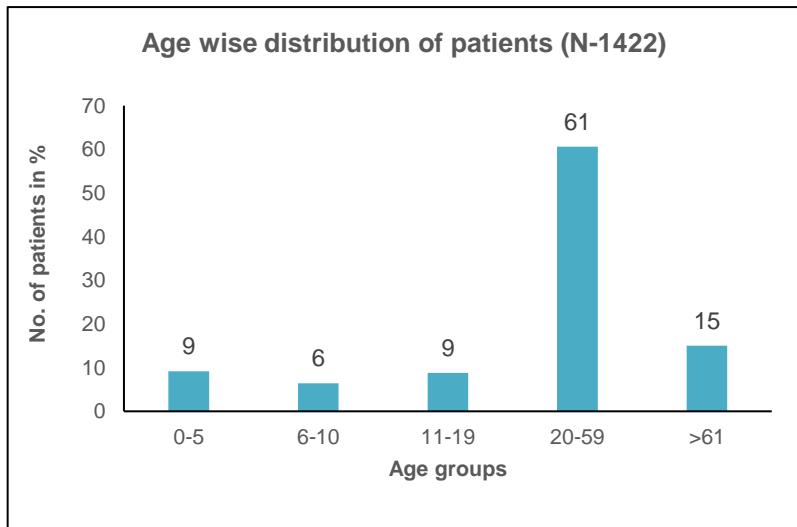
The breakdown of conditions reported shows:

19.1% fever cases

16.7% musculoskeletal issues

13.9% common health problems

13.5% respiratory issues

12.8% gastrointestinal (GIT) issues

6.5% cardiovascular issues

5.2% skin issues

4.4% ophthalmology issues

2.7% obstetrics and gynaecology (OBG) problems

0.1% neurological problems.

Disease distribution (N-1422

FEVER	19.1
MUSCULOSKELETAL	16.7
GENERAL CHECKUP/ANC	13.9
RESPIRATORY	13.5
GIT	12.8
CVS	6.5
DERMATOLOGY	5.2
OPTHALMOLOGY	4.4
OBG	2.7
ENDOCRINE	2.2
ENT	1.5
GENITO-URINARY	1.5
NEUROLOGICAL	0.1

2. **Himalayan Sanjeevani Clinic, Toli, Pauri Garhwal**

In the reporting year, 3,396 patients visited the Himalayan Sanjeevani Clinic, with over 75% receiving specialist services via telemedicine. The clinic served slightly more female patients (1,878 females vs. 1,699 males), with most patients falling in the 15-75 age group. At the Toli Telemedicine Center, the reported health issues included:

- Musculoskeletal problems (26%)
- Endocrine issues (17%)
- General health concerns (13%)
- Skin problems (8%)
- Fever cases (8%)
- GIT issues (7%)
- Cardiovascular problems (6%)
- Respiratory issues (5%)
- ENT issues (3%)
- Gastro and eye-related problems (2% each)

Patients benefited from early detection, second opinions, and initial treatment, with older patients receiving specialized care at home.

Disease wise distribution of patients in % (n=3396)

MUSCULOSKELETAL	26
	17
GENERAL CHECKUP	13
	8
FEVER	8
	7
CVS	6
	5
ENT	3
	2
GASTRO	2
	1
GENITO-URINARY	1
	0.4
NEUROLOGICAL	0.2
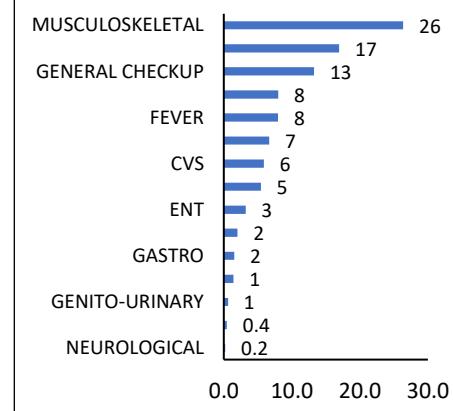
3. Nutrition enablement as part of TB Elimination program

Tuberculosis (TB), caused by Mycobacterium tuberculosis, predominantly impacts the lungs and can weaken the immune system. Although proper nutrition alone does not cure TB, it plays a pivotal role in boosting the immune system and enhancing the effectiveness of TB treatment. Ensuring adequate nutrition helps the body fight infection and recover more efficiently.

In collaboration with the Department of Pulmonary Medicine of Himalayan Hospital and the Community Medicine department of HIMS, RDI has been actively contributing to the TB elimination program since June 2023. This initiative supports 1,000 TB patients in the Dehradun and Haridwar districts by providing basic food kits and conducting regular health screening camps.

To date, 600 TB patients have been provided with food kits and health screening services, with distributions occurring every Saturday in Doiwala and Baharadrabad blocks. A higher prevalence of TB has been observed among women compared to men. The program also offers support to TB champions, further enhancing efforts toward TB elimination.

Celebration of Nutrition Week (1-7 September) National Nutrition Week (NNW), observed annually from September 1 to 7 in India, highlights the importance of nutrition and healthy eating habits. The theme for this year, "Making Healthy Diets Affordable for All," focuses on ensuring that nutritious food is accessible to everyone. One cost-effective solution to combat malnutrition is the

inclusion of millets in daily diets due to their rich nutritional value and numerous health benefits.

To promote this, the Rural Development Institute (RDI) carried out public education campaigns in select villages of Haridwar and Dehradun districts. These initiatives reached approximately 950 pregnant and lactating women, as well as over 5,000 community members, through workshops and community meetings. Additionally, millet laddoos made by local self-help groups were introduced and well-received by pregnant and lactating women, demonstrating how traditional foods can be both nutritious and affordable.

Holistic Health

Promoting healthy lifestyles and preventive health is a key focus at the Rural Development Institute (RDI). In line with this goal, RDI conducts a monthly yoga program from the 20th to the 22nd, reflecting its ongoing commitment to rural communities. This residential program is offered free of charge and includes visits to the Sadhana Mandir and Sadhaka Grama ashrams in Rishikesh. This year, 58 participants, including community members, teachers, and new RDI staff, took part in the program.

Additionally, RDI organized weekly workshops on holistic health specifically tailored for women. These one-day workshops aimed to introduce participants to the principles of holistic health, focusing on key practices such as breath awareness, makarasana (a relaxation pose), proper sitting posture, nadishodhana (alternate nostril breathing), and various relaxation techniques. A total of 29 women participated in these informative and empowering sessions, gaining valuable insights into maintaining overall well-being.

4. **Enabling Fundamental Literacy: Aakhar**

The Aakhar program was initiated in 2021 to mitigate the educational setbacks caused by the COVID-19 pandemic, particularly focusing on children from lower socio-economic backgrounds who were left out of online education. In its first phase, five centers were set up across the Dehradun and Pauri Garhwal districts, and this year, three additional centers were established—two in Dehradun and one in the Tehri district.

These centers have collectively enrolled over 200 children, providing essential educational materials such as books, notebooks, and stationery. Daily two-hour classes follow a structured syllabus, supported by library sets that offer extended learning opportunities.

In the Gujjar Basti at Athoorwala, the local community came together to build a school for the children, underscoring the community's commitment to education.

This year, a significant focus was placed on tracking the individual progress of each child in reading, comprehension, and writing skills. To support this, the Chimple App was introduced through tablets. Chimple is an educational tool designed for young children, offering interactive games and lessons in English, Math, Hindi, and Digital Skills. Through engaging activities, children learned to recognize numbers, practice basic math, and improve literacy through exercises on phonics, nouns, verbs, and sentence formation. The app was well-received by the children, who enjoyed using it and showed quick learning improvements.

Beyond academics, the Aakhar program also provided a well-rounded experience with art therapy sessions, teacher cross-visits, fruit distribution, and teacher training activities, all contributing to a supportive and enriching learning environment.

At the Laltappar center, which caters to the children of migrant workers, electricity issues were reported, disrupting the children's education. To address this, 26 solar lanterns were provided, greatly enhancing the study conditions. The children were delighted with the solar lights, allowing them to continue their learning without interruptions.

5. RELIEF & REHABILITATION

This year, with the support of DMT/AHYMSIN, over 500 individuals with disabilities, encompassing visual, speech, hearing, intellectual, multiple, psychosocial, and physical impairments, received comprehensive support. The assistance provided included medical care, distribution of assistive devices, counseling, seed money for entrepreneurship, and aid in securing disability certificates, pensions, and Unique Disability ID (UDID) cards. These initiatives were aimed at enhancing their physical, emotional, social, and intellectual well-being.

A multidisciplinary approach, involving psychologists, educators, speech therapists, and other professionals, was employed in a learning disability clinic, providing tailored support to more than 190 children. The Department of Empowerment of Persons with Disabilities, Government of India, introduced the UDID Card, simplifying the process for individuals with disabilities to maintain a single document for

identification and disability verification. Assistance was provided to 40 individuals with disabilities for registration and obtaining these cards.

Further efforts included facilitating the registration of 100 individuals with disabilities with the National Career Service Centre (NCSC), resulting in the successful registration of 57 of them for various job opportunities. Career fairs led to walk-in interviews, with 20 individuals successfully clearing them and 8 securing positions in reputable companies like Amazon and Bajaj Finance.

Screening was conducted for three individuals with disabilities to assess the need for corrective surgeries. Additionally, wheelchairs and tricycles were provided to 11 persons, and 97 individuals were assisted in obtaining disability certificates. Scholarships were awarded to 9 special children to support their educational needs.

Income generation initiatives for differently abled individuals included providing training and sewing machines, support for starting grocery shops, and assistance to Self Help Groups (SHGs). An awareness campaign was organized on the occasion of Autism and World Health Day, where 70 ASHAs and Anganwadi workers were educated by doctors about the symptoms, prevention, and treatment of Autism. A painting competition was also held for children with Autism.

6. Milestones Moments

Dhanpati

"How it can be my fault if I was born humped, and how anybody can decide that I cannot deal with the responsibilities as an angan Badi worker. I am a graduate and dealing with all other household chores and related work. Give me a chance first then decide. I will regard any decision by the interviewer body I am graduate and dealing with all other household chores and related work".

Dhanpati, a disabled woman from Khadari village in Dehradun, faced significant discrimination due to her orthopaedic disability. Although she is a graduate, she encountered negativity and bias during job interviews and social events, often being judged based on her appearance rather than her qualifications or capabilities. However, Dhanpati refused to let these prejudices define her.

Determined to prove her worth, she challenged the discriminatory attitudes and asserted her ability to take on responsibilities as an Anganwadi worker. Despite initial resistance and doubt

from others, her persistence paid off, and she was eventually selected for the role. Today, Dhanpati successfully serves her community as an Anganwadi worker, making a positive impact on those around her while also contributing to her family's income.

Dhanpati's story is a powerful example of how overcoming societal attitudes towards disability is crucial for inclusive development. It underscores the importance of recognizing and valuing the abilities of individuals with disabilities, rather than focusing on their limitations.

Paridhi

I'm Reena. My younger daughter, Paridhi, has hearing and speech issues discovered at 18 months. She was restless and caused trouble at home. We couldn't afford her treatment initially. We faced difficulties with schools due to her behaviour. We tried different schools and therapies but faced setbacks due to family emergencies. Eventually, the Rural Development Institute stepped in, connecting us with medical help and educational support. Paridhi showed improvement and gained admission to a mainstream school with their assistance. Now, she's thriving academically and socially, and our family is grateful for the transformation.

Lokesh

My name is Lokesh Kumar, I am a resident of Bongla Bahadarabad. I am a disabled person. My life was going through a lot of difficulties. Due to my disability, I could not even support my family. I am a farmer and used to drive a tractor in the fields. In January 2021, I had an accident, and I got injured. I got a head injury in the accident and became disabled. I got myself treated a lot, but it was of no use. I spent all the money I had on my treatment. Now I did not even have money to eat. But God did not leave me and introduced me to the people of RDI. I got the support of a cow to get employment from which I bought a cow and today I can sell at least 20 litters of milk and raise my children. I sell 20 litters of milk every day and my income are ₹ 800 per day. (24000 per month)

Har Dayal Singh

I'm Har Dayal Singh, aged 50, from Salempur. Despite an accident that left me unable to walk for 2 years, I persevered. Financial struggles mounted, but with the help of Gramya Vikas Sansthan, I obtained a handicapped certificate and started receiving a pension. With further assistance, I established a successful grocery shop, ensuring a stable income for my family. Grateful for the support and newfound hope, I thank Gramya Vikas Sansthan for transforming our lives.

6. **Covid fund support**

Support from the COVID fund, sourced through individual donations, is being extended to those still facing challenges due to the pandemic. This assistance is provided in various forms, including scholarships, essential provisions such as food and water, covering electricity expenses, medical treatment, and other necessities. These efforts aim to help individuals and families recover and regain stability after the hardships caused by the pandemic.

7. **Disaster & Relief Support**

In response to the devastating impact of relentless rainfall on the villages of Anneki, Teera Tanda, Harnol, and Ahmadpur in the Bahadrabad block of Haridwar district, disaster and relief support was provided to the most affected families. This one-time support included the distribution of tarpaulins, folding beds, and food kits to help them cope with the immediate aftermath of the disaster. Furthermore, health camps were organized in these villages to address the urgent medical needs of the residents,

ensuring that they received the necessary care during this challenging time.

The organization's commitment to enhancing water, sanitation, and hygiene (WASH) services in rural areas is notable. By implementing various WASH programs, it has successfully impacted over 550 villages, promoting sustainable health and hygiene benefits for these communities.

Key Resource Centre (KRC) under Jal Jeevan Mission

The Key Resource Centre (KRC) under the Jal Jeevan Mission focuses on capacity building and training for government officials, functionaries, and stakeholders involved in water and sanitation management. The program specifically targets Level 2 (Mid Management) and Level 3 (Community) participants. These training sessions are designed to enhance the skills and knowledge of individuals at these levels, improving their effectiveness in implementing and managing water and sanitation projects.

Capacity Building through 15 Batches of Three Days Residential Training Programs

As part of the capacity-building efforts, 15 batches of Public Health Engineers (PHEs) participated in three-day residential training programs across India. These programs covered five major themes and aimed to enhance the skills and knowledge of mid-level government officials. A total of 698 officials, including Executive Engineers, Assistant Engineers, and Junior Engineers from the Water Supply departments of various states, received training. Additionally, officials from the Panchayati Raj Department, Irrigation Department, and Rural Development Department in some states also took part in these programs

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State wise Training Participants (N-698)

State	Participants
Mahar...	2
A&N...	51
Laksha...	51
MP	51
West...	51
DNH&...	52
Goa	53
Gujarat	54
Kerala	56
Himach...	74
Uttarak...	98
Sikkim	105

Training on Direct Injection of treated Rainwater in Aquifer Recharge, Revival of Springs & Spring shed Management

The Key Resource Centre (KRC) under HIHT organized three training programs focusing on the direct injection of treated rainwater for aquifer recharge, the revival of springs, and spring shed management. These programs were held in West Bengal, Uttarakhand, and Himachal Pradesh, with a total of 122 mid-level engineers participating.

The main objective of these training sessions was to raise awareness among Public Health Engineers about the integrated issues of rural water supply schemes and water resource management. The training emphasized innovative methodologies for:

- Direct injection of treated rainwater into aquifers
- Revival of natural springs
- Management of spring sheds

The programs aimed to build participants' capacities in these areas, equipping them with skills and knowledge to implement spring-based water supply systems. These systems are designed to be safe, reliable, and effective for communities living in mountainous regions, ensuring sustainable water resources and improved water management.

Training on Operation and Maintenance of Water Supply Systems, Utility Approach & Tariff Collection Mechanism

Three training programs were conducted on the **Operation and Maintenance (O&M) of Water Supply Systems**, focusing on utility approaches and tariff collection mechanisms. These programs took place in Sikkim, Andaman & Nicobar Islands, and Lakshadweep Islands, with a total of 152 mid-level engineers participating.

The primary objective was to address cross-cutting issues related to rural water supply schemes and water resource management, specifically focusing on:

- The operation and maintenance of water supply systems
- Utility approaches to water management
- Tariff collection mechanisms

Participants were educated on O&M practices in accordance with the 73rd Amendment Act and reforms in rural drinking water supply. The training also covered disinfection systems for potable water supply, enhancing participants' understanding and skills in managing safe and effective water supply systems.

Training on Revival of Traditional Water Bodies for Source Sustainability

Three training programs were held on the **Revival of Traditional Water Bodies for Source Sustainability**, targeting mid-level engineers from Kerala, Maharashtra, Himachal Pradesh, Uttarakhand, and Gujarat. A total of 118 engineers participated in these sessions. The main objectives of the training were to highlight the cross-cutting issues related to rural water supply schemes and water resource management and focus on the revival of traditional water bodies for ensuring the sustainability of water sources.

Participants were sensitized on:

- The various types of traditional water bodies in different regions of India
- Conservation practices for these water bodies, including community-based methods
- Systematic approaches to water conservation historically used in India

The training also covered the processes involved in the recharge of watersheds, traditional water bodies and structures used for recharging and reviving these water bodies. These programs aimed to enhance participants' knowledge and capabilities in managing and conserving traditional water bodies, contributing to long-term water source sustainability.

Training on Grey Water management: Reduce, Reuse, Recycle and Recharge for enhancing water use efficiency (Circular economy and net-zero concept), Nature based Solutions and Technologies for Grey Water Management

Three training programs were conducted on Grey Water Management, focusing on the principles of reducing, reusing, recycling, and recharging grey water to enhance water use efficiency. The trainings were conducted in Dadar & Nagar Haveli and Daman & Diu, Kerala, and Goa, with a participation of total of 157 mid-level engineers.

The training covered:

- **Basics and Issues of Grey Water Management:** Understanding the fundamentals and the challenges associated with grey water management within the context of the Jal Jeevan Mission.

- **Need for Grey Water Treatment:** Criteria for treatment, use of technologies, pollutant levels, and the impact of using undertreated water.

- **Planning and Designing Treatment Technologies:** Methods for designing and planning grey water treatment systems and identifying suitable locations for these systems at the village or cluster level.

- **Community-Level Management:** Strategies for managing grey water at the community level.

- **Net Zero Energy Concept & Circular Economy:** Incorporating principles of circular economy and achieving net-zero energy in grey water management practices.

- **Reuse of Grey Water:** Techniques and benefits of reusing grey water.

- **Functionality Assessment:** Conducting assessments to ensure the effectiveness and functionality of grey water management schemes.

The training aimed to equip participants with the knowledge and skills necessary for effective grey water management, promoting sustainable water use and contributing to water resource efficiency.

Training on WASH Services during Disaster and Emergencies and Ensuring Climate Resilience System

Training programs on **WASH Services during Disasters and Emergencies** and ensuring **Climate Resilience Systems** were conducted in Madhya Pradesh, Uttarakhand, and Sikkim, with a total of 149 mid-level engineers participating.

The primary objectives of these training sessions were to:

- **Plan and Prepare:** Develop strategies for managing WASH

services during disasters and emergencies.

- ▪ **Mitigation Measures:** Implement measures to mitigate the impact of such events on water, sanitation, and hygiene services.
- ▪ **Ensure Climate Resilience:** Enhance the resilience of WASH systems to climate change and environmental challenges.

The programs aimed to improve participants' capabilities in planning and implementing effective WASH services in crisis situations, ensuring that systems are robust and adaptable to changing climate conditions.

Summary of L2 Trainings of at a Glance

	Direct injection of treated rainwater in aquifer recharge, revival of springs & Spring shed Management	Operation and Maintenance of water supply systems, Utility approach & tariff collection mechanism	Revival of Traditional Water Bodies for Source Sustainability	Grey water management: Reduce, Reuse, Recycle and Recharge for enhancing water use efficiency	WASH Services during Disaster and Emergencies and Ensuring Climate Resilience System	Total
A & N Island		51				51
Dadra Nagar Haveli & Daman Diu				52		52
Gujarat			54			54
Goa				53		53
Himachal Pradesh	37		37			74
Kerala			4	52		56
Lakshadweep		51				51
Madhya Pradesh					51	51
Maharashtra			2			2
Sikkim		50			55	105
Uttarakhand	34		21		43	98
West Bengal	51					51
Total	122	152	118	157	149	698

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

Within the state of Uttarakhand, trainings for 109 Nyay Panchayat in Dehradun, Haridwar and Rudraprayag districts were conducted. 5492 functionaries including members of the Village

Water Sanitation Committee (VWSC) and representatives of the Panchayati raj Institutions participated. In Uttarakhand, training sessions on the Jal Jeevan Mission (JJM) were conducted at the Nyay Panchayat level across three districts: Dehradun, Haridwar, and Rudraprayag. A total of 109 Nyay Panchayats were involved in these sessions.

The training focused on:

- **Village Water Sanitation Committees**
- **Panchayati Raj Institutions**
- **ASHAs**
- **AWWs**

A total of 5,492 functionaries participated, including members of VWSCs and representatives from PRIs. The training aimed to enhance the knowledge and skills of these key stakeholders in implementing and managing water and sanitation services at the grassroots level, supporting the overall objectives of the Jal Jeevan Mission.

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SUSTAINABLE DEVELOPMENT GOALS

SUSTAINABLE DEVELOPMENT GOALS

12

RESPONSIBLE CONSUMPTION AND PRODUCTION

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Curriculum Enrichment

Out of the 1,134 courses offered across various disciplines, approximately 5% are specifically designed to align with Sustainable Development Goal (SDG) 12: Responsible Consumption and Production. These courses aim to enhance students' understanding of resource conservation and promote a culture of responsible consumption for environmental sustainability. The University places a strong emphasis on green practices and environmental conservation by integrating relevant courses into its academic programs. These courses equip students to engage with the community, identify sources of pollution, and develop effective management strategies. Moreover, students are encouraged to actively raise awareness among community members regarding pollution control measures and the critical importance of maintaining a clean and green environment.

Research Initiatives

In alignment with Sustainable Development Goal (SDG) 12, the University conducts innovative research to ensure the sustainable management of energy, water, and waste resources. Key initiatives include the development of advanced water purification technologies and cost-effective wastewater treatment solutions to enhance water quality and accessibility. Researchers focus on designing efficient water recycling systems and sustainable irrigation methods to optimize water usage in both agricultural and urban environments. Studies addressing the impacts of climate change on water resources inform adaptive conservation and management strategies. Additionally, the University explores the integration of smart technologies for real-time water quality monitoring and leakage detection to improve the efficiency of water distribution systems. Through collaborations with government agencies, industries, and international organizations, the

University contributes to pioneering solutions that address challenges related to water scarcity, pollution, and sanitation, promoting sustainable development and resilience in water resource management.

Research Projects

The University provides research funds to promote the research for conduction of research (Intramural-Project-2024-Sanctioned-4.pdf). To name a few intramural projects funded by the university are show below:

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 sps. as an emerging pathogen	04 Months	Nupur Joshi, Dr. Geeta Bhandari, Dr Archna 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

Several intramural projects funded by the University exemplify its commitment to advancing scholarly work. Additionally, the University actively secures extramural funding from national agencies to support research and initiatives aligned with Sustainable Development Goal 12 (SDG 12). These funds enable the development and implementation of projects focused on enhancing water accessibility, quality, and sustainability. They also facilitate the establishment of advanced infrastructure, such as state-of-the-art water treatment and recycling facilities, and support impactful research on innovative technologies for water purification, wastewater management, and groundwater recharge. Collaborative projects funded through these resources address critical challenges like water scarcity, pollution, and sanitation in both rural and urban contexts. Furthermore, the funds are utilized to organize community outreach programs, capacity-building workshops, and awareness campaigns, fostering sustainable water usage and hygiene practices.

Research Publications:

The University is dedicated to promoting Sustainable Development Goal 12 (SDG 12) through impactful research and scholarly contributions. Faculty members and researchers consistently publish their findings in peer-reviewed journals, showcasing innovative approaches to addressing water and sanitation challenges. These publications focus on critical topics such as advanced water purification technologies, wastewater treatment, rainwater harvesting, groundwater management, and the effects of climate change on water resources (Scopus - Swami Rama Himalayan University).

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

Ritika,, Bora, B., Ismail, B.B., ...Kumar, H., Gupta, A.K. Himalayan fruit and circular economy: nutraceutical potential, traditional uses, challenges and opportunities, *Food Production, Processing and Nutrition,* 2024.

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Reduced Energy Consumption

In response to climate change and the growing global demand for sustainable energy sources, Swami Rama Himalayan University (SRHU) has taken significant strides in adopting eco-friendly practices. A notable initiative is the installation of a 1500 KW rooftop solar power plant on the SRHU campus. This forward-thinking project not only underscores the University's commitment to environmental sustainability but also serves as an educational resource for students and the broader community. The solar power plant greatly reduces the University's carbon footprint by

minimizing reliance on fossil fuels, thereby decreasing greenhouse gas emissions. Additionally, it conserves water resources, as solar energy production requires far less water compared to conventional power generation methods. The plant also enables substantial cost savings by generating on-site electricity, allowing the University to reinvest in educational initiatives and further sustainable projects. Looking ahead, SRHU has signed an agreement with M/S Bakshi Engineering Works, Dehradun, to expand its renewable energy efforts with an additional 1000 KW rooftop solar power plant.

To further enhance energy efficiency, the University has implemented measures to reduce electricity consumption across campus facilities, including lighting, air conditioning, lifts, water mining, and other equipment. A key initiative is the widespread adoption of LED lighting, which consumes up to 80% less electricity than traditional incandescent and fluorescent bulbs. This switch has significantly reduced energy consumption, lowered electricity bills, and diminished the campus's carbon footprint, aligning with SRHU's commitment to combating climate change. SRHU has also introduced smart lighting systems powered by LEDs, which use sensors and automated controls to adjust lighting based on occupancy and ambient light conditions. This technology ensures minimal energy waste by activating lights only when and where needed, further advancing the University's sustainability objectives.

In addition to lighting innovations, SRHU has embraced Brushless Direct Current (BLDC) fans across its campus. These fans are highly energy-efficient, consuming significantly less electricity than traditional AC fans while providing equal or superior airflow. The use of BLDC fans has resulted in considerable cost savings and contributes to a more sustainable campus operation.

Moreover, their durability and low maintenance requirements ensure a longer lifespan and reduced operational costs, reinforcing the University's focus on efficiency and sustainability. Through these initiatives, SRHU demonstrates its unwavering commitment to fostering a greener, more sustainable campus, setting a benchmark for environmental stewardship in higher education.

View of solar system in the campus

Motion sensor based sensor LED lights for energy conservation
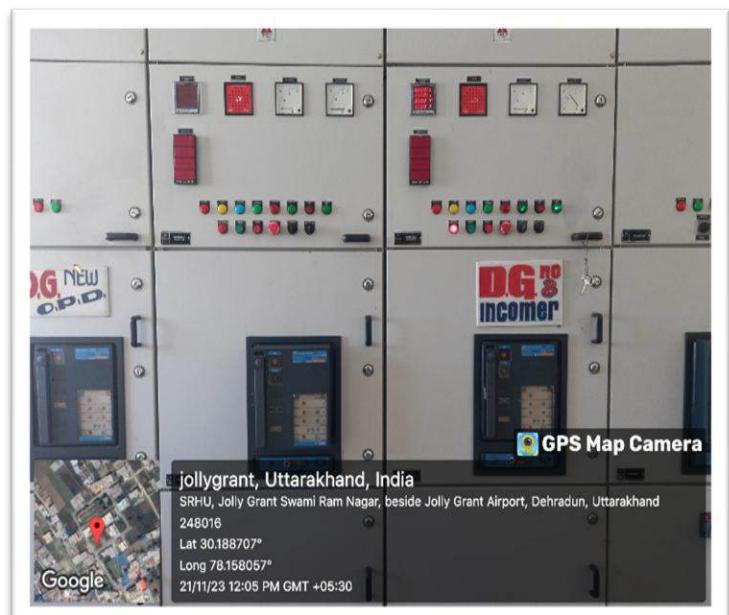
Diesel Generator Set panels with Automatic mains failure (AMF) and load balancing

Use LED lights for energy conservation

Use LED lights for energy conservation

Uses of BEE Star-rated Air conditioners

In its efforts to establish a sustainable and environmentally responsible campus, SRHU has made a notable advancement by integrating BEE (Bureau of Energy Efficiency) star-rated air conditioners. This initiative reflects the University's commitment to environmental stewardship while offering several advantages, including enhanced energy efficiency, cost savings, and improved indoor comfort. The lower energy consumption of BEE star-rated air conditioners leads to reduced electricity costs for SRHU, allowing these financial savings to be redirected toward further campus sustainability projects and academic programs.
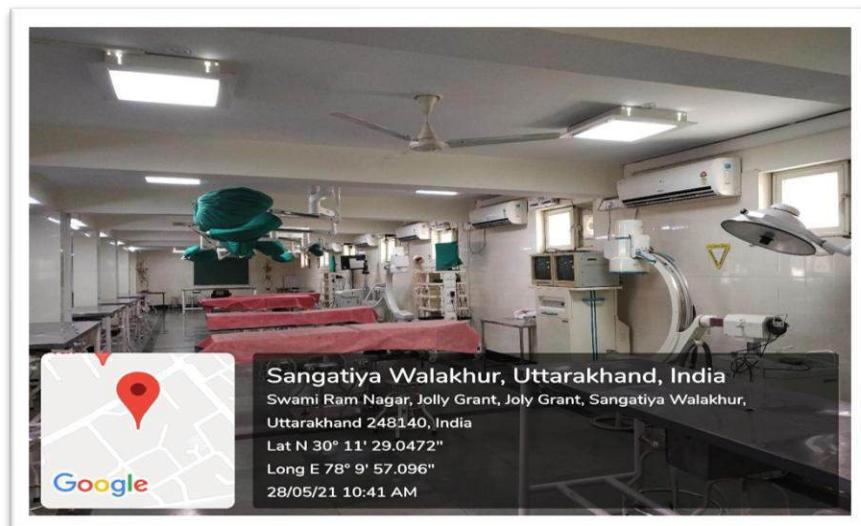
Use of BEE star rated Air conditioners

Use of Battery-Powered Vehicles

 The integration of electric vehicles (EVs) into the SRHU campus offers a key environmental benefit by significantly reducing greenhouse gas emissions. By replacing fossil fuel-powered vehicles with EVs, SRHU has made substantial strides in lowering its carbon footprint,

Battery Powered Vehicle

contributing to a cleaner and healthier environment. Electric vehicles now provide an efficient and sustainable mode of transportation for faculty, staff, and campus shuttles, as well as for maintenance purposes. To further promote the adoption of EVs, SRHU has strategically installed charging infrastructure at key locations across the campus, making it easier for users to charge their vehicles and supporting the transition to greener transportation options.

Water usage and Conservation

Water scarcity is an escalating global challenge, and with climate change increasingly disrupting weather patterns, it is vital to explore innovative solutions to address this issue. Rainwater harvesting is one such sustainable practice that offers significant potential in mitigating water shortages and reducing dependence on conventional water sources. This age-old technique involves collecting and storing rainwater for various uses, such as drinking, irrigation, and household needs. The process typically begins with capturing rainwater from rooftops, followed by filtration and storage. On the SRHU campus, rainwater is collected from the roof of the medical college building and stored in a 150 KL capacity underground tank. This water is then utilized for non-potable purposes, such as toilets and cleaning. In addition, excess rainwater is directed into the ground through infiltration wells strategically placed throughout the campus.

Rainwater harvesting pits with filter bed recharge near hospital building
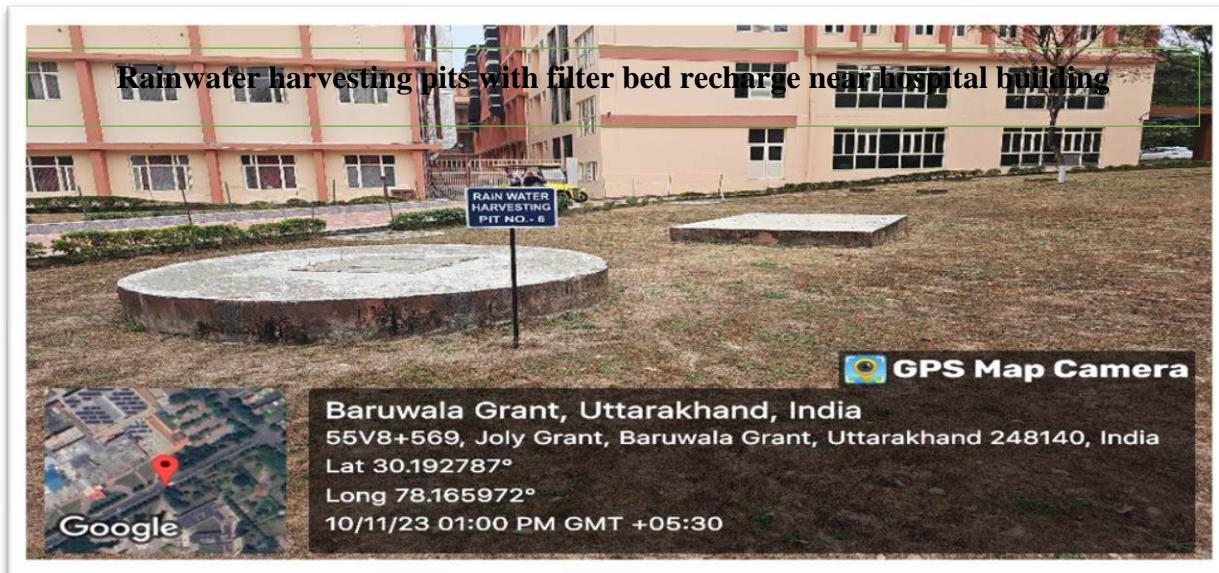
This method not only reduces pressure on freshwater resources but also helps replenish underground aquifers, fostering sustainable groundwater management and contributing to the
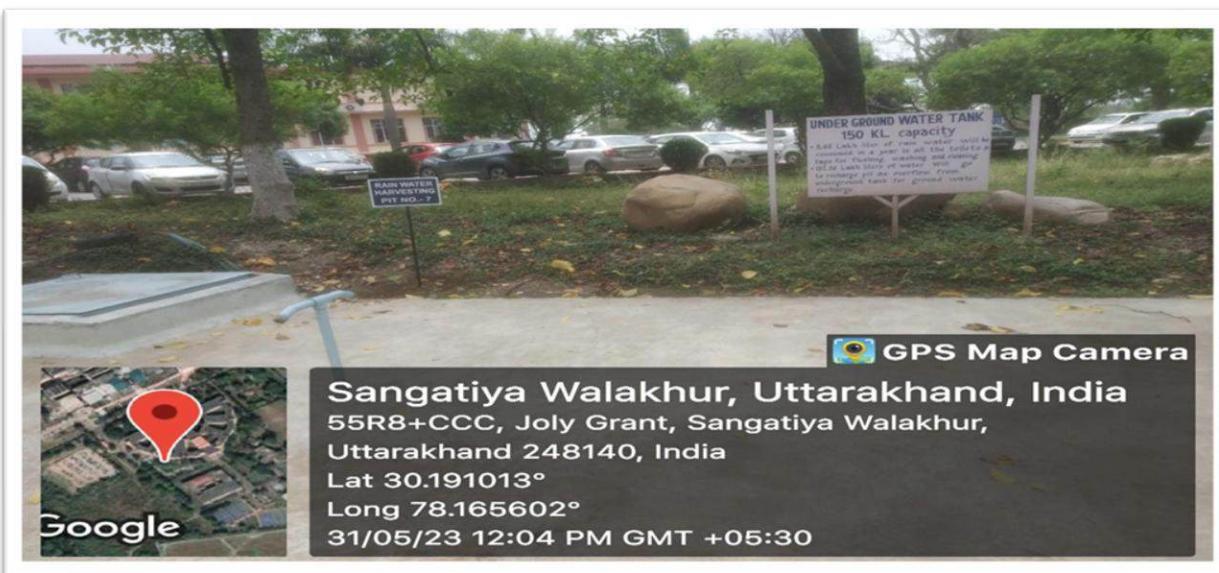
overall environmental sustainability of the campus.
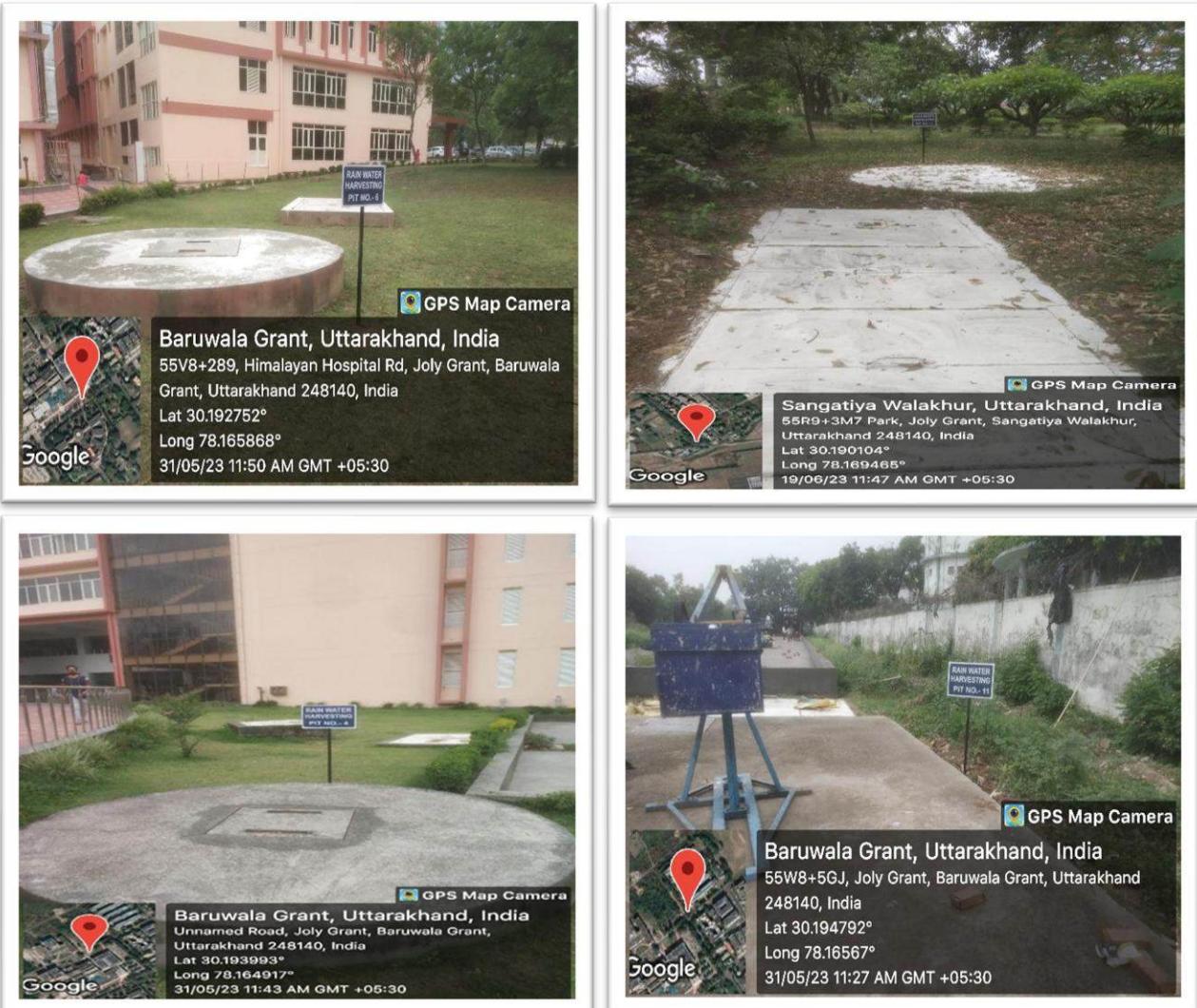
Ground water recharge setup

Waste Management facility in the University

The SRHU campus, including the hospital, utilizes an advanced Sewage Treatment Plant (STP) with a capacity of 1 MLD, employing MBBR technology and an extended aeration-activated sludge process to treat sewage. The treated water meets the quality standards set by the state pollution control board and is repurposed for irrigation in parks and green spaces on campus, ensuring both environmental compliance and sustainability. In addition, SRHU has established a 90 KLD Effluent Treatment Plant (ETP) to address the substantial daily wastewater generated from various campus activities, including laboratory operations and laundry. This plant

effectively treats wastewater, mitigating environmental risks and maintaining public health and campus aesthetics. The recycled water is then used for non-potable purposes, such as irrigation, thereby conserving valuable freshwater resources and reinforcing the University's commitment to environmental stewardship and sustainable campus management.

Sewage Treatment Plant (STP)
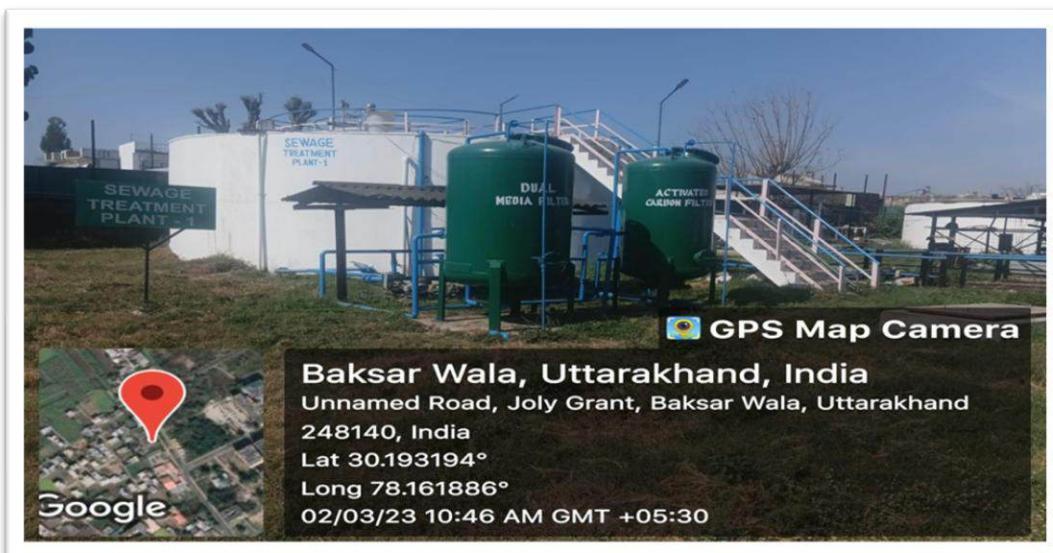
Sewage Treatment Plant (STP) at SRHU

Effluent Treatment Plant (ETP) at SRHU

Waste to energy production: Biogas plant

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

E-Waste Management

Electronic waste, or e-waste, has become a rapidly growing global concern due to the increasing rate of technological advancements and the shorter lifespan of electronic devices. Improper disposal of e-waste poses significant environmental risks, as it often contains hazardous materials such as lead, mercury, and cadmium. 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.

Tanks for Water Storage

SRHU emphasizes the use of tanks and bunds as an integral part of its sustainable water management practices. These structures are vital for conserving water, preventing soil erosion, and supporting groundwater recharge. Key initiatives include:

1. Water Storage Tanks: Constructing large tanks to store rainwater and treated water for irrigation and other non-potable uses.

2. Bunding Systems: Establishing bunds in key areas to capture surface runoff and direct it to recharge pits or water bodies.

3. Erosion Control: Using bunds to prevent soil erosion and enhance soil moisture retention in landscaped and agricultural areas.

4. Groundwater Recharge: Designing tanks and bunds to channel excess water into aquifers, thereby maintaining groundwater levels.

5. Community Awareness: Educating the campus community on the importance and functioning of tanks and bunds in sustainable water management.

6. Integration with Landscaping: Incorporating tanks and bunds into the campus landscaping plan to maximize water conservation benefits.

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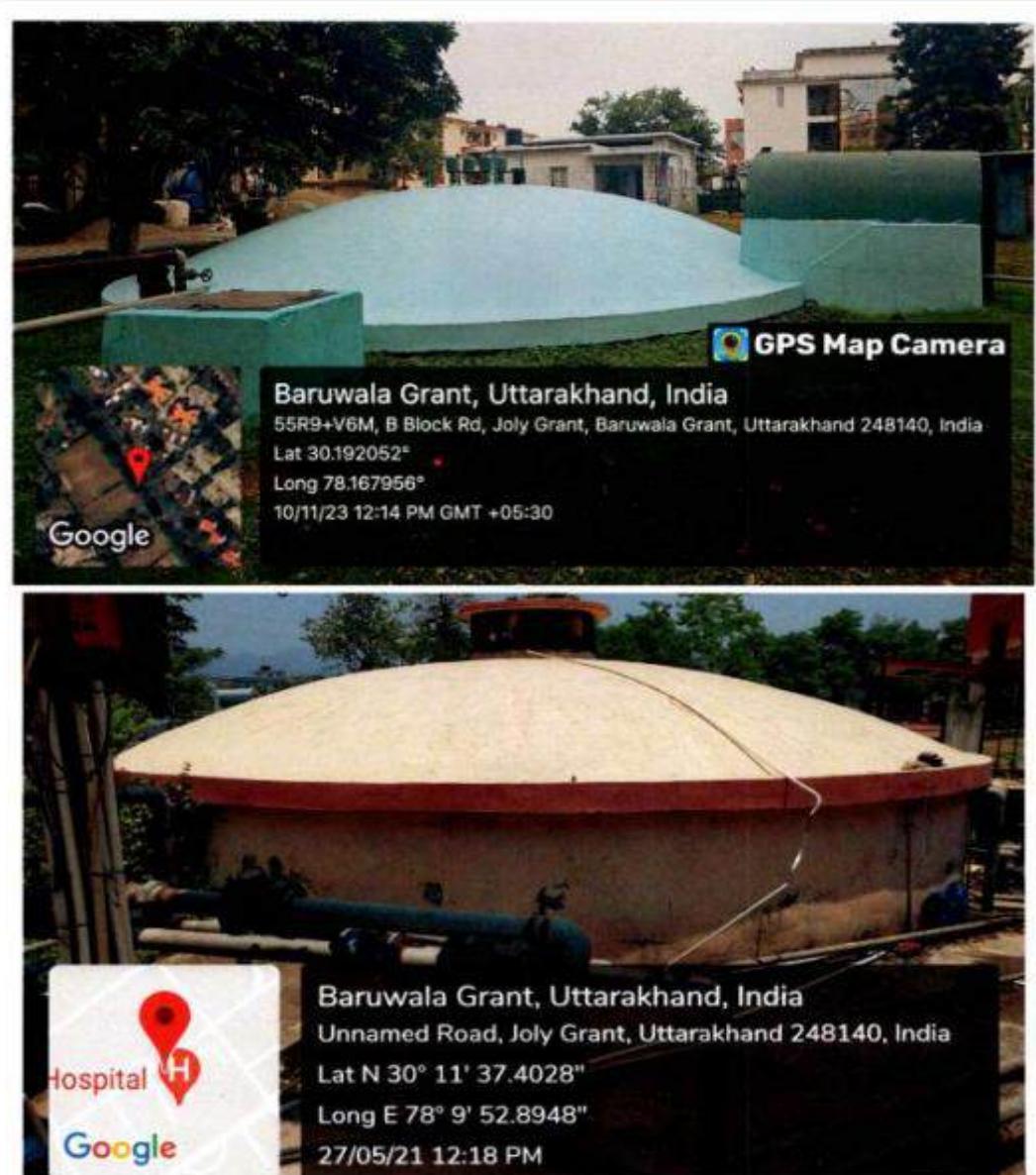
Underground water tanks (Tube well Chowk- 150 KL and behind the main Hospital building- 175 KL)

Underground water storage tank
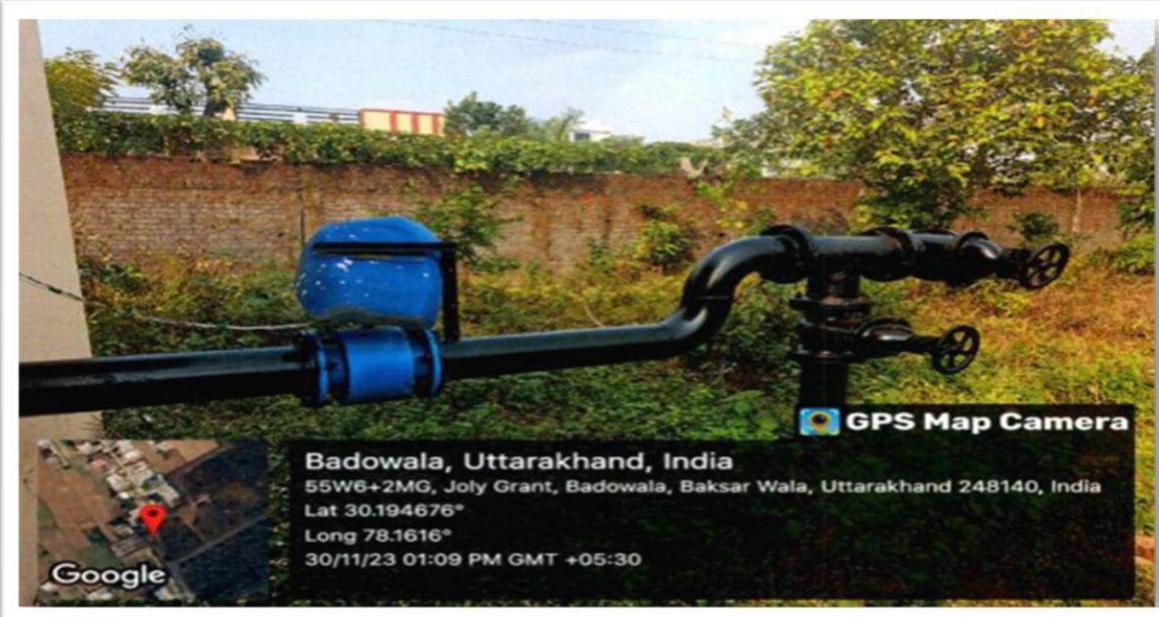
| Chlorination of water and distribution system |

Recycling of Paper/ Waste:

SRHU has implemented several sustainable waste management initiatives to minimize environmental impact on campus. The University operates an 8 kg per day waste paper recycling plant, which processes paper waste collected from various offices and schools. The resulting recycled handmade paper is repurposed into envelopes used within university offices, promoting a circular economy. In addition, biodegradable waste from across the campus is processed in a compost pit, producing organic fertilizer that supports the university's nursery and gardens. To further enhance its sustainability efforts, SRHU runs a Bio-Gas plant near the university guest house, which utilizes cow dung from the campus dairy and vegetable waste from the guest house kitchen. This bio-gas is used for cooking and to support organic waste recycling, contributing to both energy production and waste reduction on campus. These initiatives reflect SRHU's commitment to environmental stewardship and sustainable resource management.
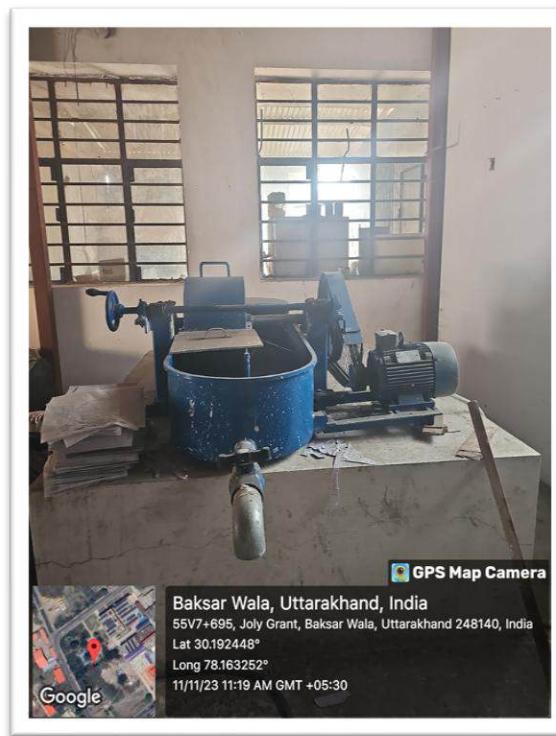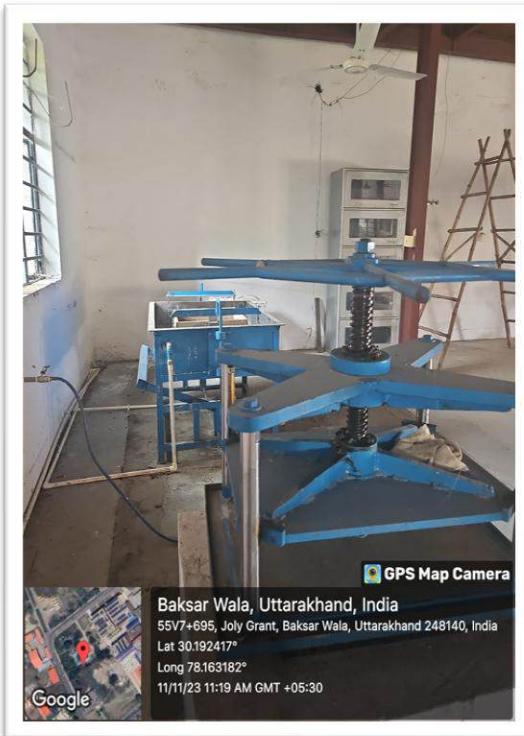
Waste paper recycling unit

Biogas Plant at SRHU

Ban on Use of Plastic

Plastic pollution poses a significant threat to ecosystems, wildlife, and human health, and SRHU is actively taking steps to combat this issue by reducing plastic consumption across the campus. The production of plastics requires valuable resources such as fossil fuels and water, and by promoting a plastic-free SRHU, the University is conserving these resources while also minimizing the carbon footprint associated with plastic production and disposal. As plastics break down into microplastics, they pose health risks by potentially contaminating the food chain. By striving for a plastic-free campus, SRHU not only contributes to environmental protection but also fosters a healthier and safer campus environment. Additionally, SRHU's commitment to reducing plastic waste serves as an educational platform, raising awareness about the detrimental effects of plastic pollution and the importance of sustainable alternatives. To further its efforts, SRHU has partnered with the NGO "Social Development for Communities Foundation" in Dehradun to establish a plastic bank on campus. The collected plastic from the campus and surrounding areas is sent to the Indian Institute of Petroleum in Dehradun, where it is recycled into diesel, supporting both waste reduction and renewable energy initiatives.

Certificate of recognition for establishment of Plastic Bank

Solid Waste Management Practices

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

Collection of solid (general) waste from residences and hostels

Pit for organic waste composting

Landscaping for the Green Campus

Landscaping plays a crucial role in promoting a green and sustainable campus at Swami Rama Himalayan 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.

Landscaping for Green campus

Plantation in the campus

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

Plantation drives for Green campus
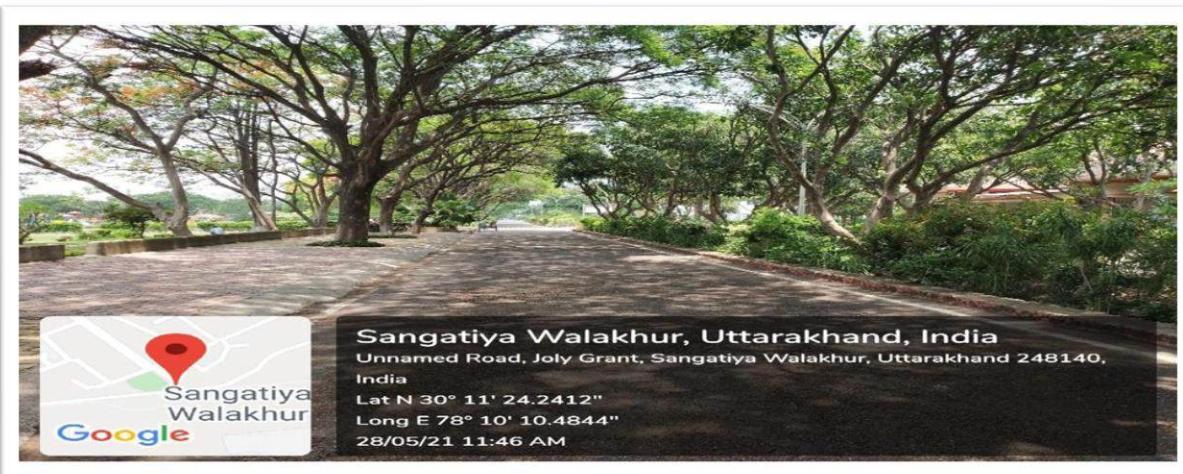
Green campus @SRHU

Certifications

SRHU consistently adheres to audit procedures for energy, environment, and green campus initiatives. Through these efforts, the University upholds quality standards and ensures compliance with ISO regulations set by government-approved agencies. Notably, the University maintains an active ISO 14001:2015 and ISO 50001: 2018 certification in its records.
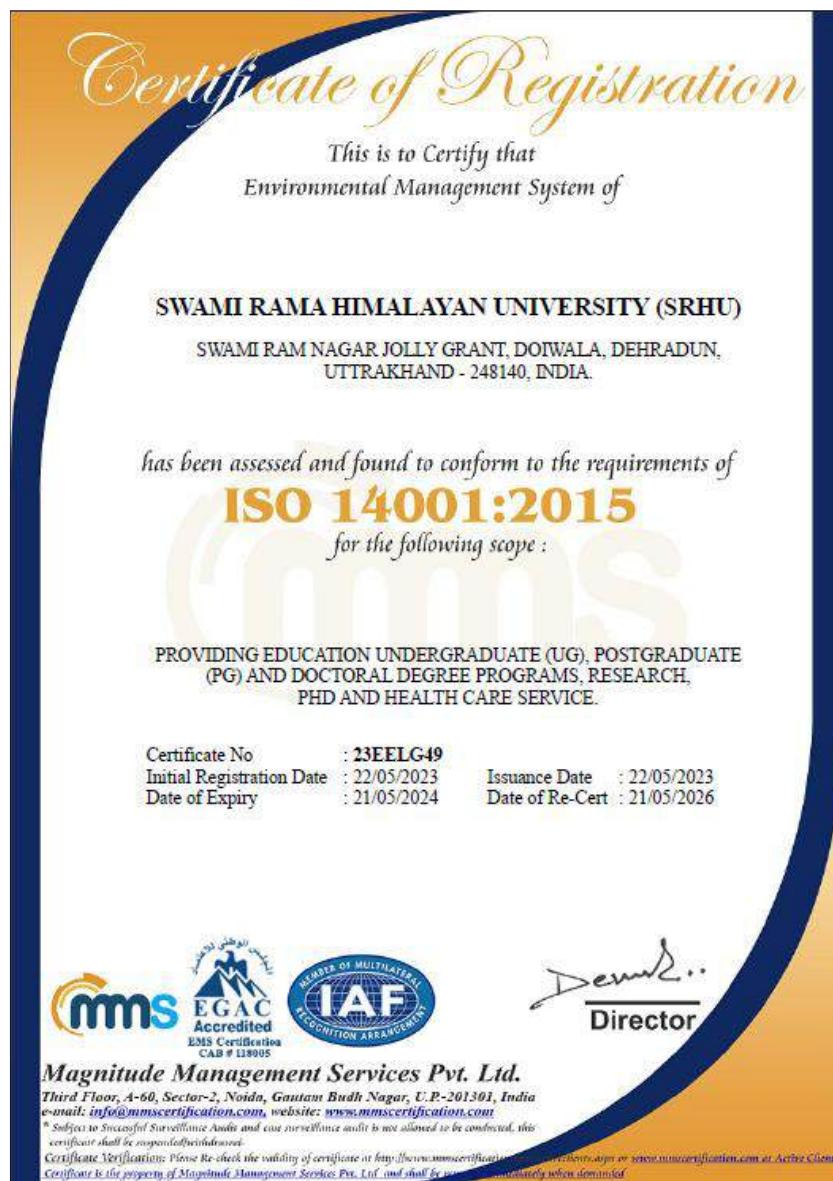
CARBON FOOTPRINT
CERTIFICATE 2023-24

PRESENTED TO

Swami Rama Himalayan University

Swami Ram Nagar, Doiwala, Dehradun, Uttarakhand, India

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

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

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

Date: 24 | 07 | 2024

Certificate of Registration

This is to Certify That
Energy Management System of

SWAMI RAMA HIMALAYAN UNIVERSITY

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

has been assessed and found to conform to the requirements of

ISO 50001:2018

for the following scope :

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

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

DIRECTOR
Magnitude Management Services Pvt. Ltd.

Third Floor, A-60, Sector-2, Noida, Gautam Budh Nagar, U.P-201301, India. e-mail: info@mmscertification.com, website: www.mmscertification.com
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Certificate Verification: Please Recheck the validity of certificate at http://www.mmscertification.com/certirecheck.aspx or www.mmscertification.com as Active Clients.
Certificate is the property of Magnitude Management Services Pvt. Ltd. and shall be returned immediately when demanded.*

Swami Rama Himalayan University

(Estd. Under section 2(f) of UGC Act, 1956 vide Uttarakhand State Act)

Swami Ram Nagar, Jolly Grant, Dehradun 248016
Uttarakhand, India

स्वामी राम हिमालयन विश्वविद्यालय

(पूर्वोक्त अधिनियम, 1956 की धारा 2 (f) के अंतर्गत उत्तराखण्ड राज्य अधिनियम द्वारा स्थापित)

स्वामी राम नगर, जौलीग्रान्ट, देहरादून 248016
उत्तराखण्ड, भारत

To whom it may concern

This is to certify that the Material Management Department has successfully participated in the collection and recycling of electronic e-waste and general waste in accordance with environmental standards for contributing towards sustainable waste management and its disposal under environmental conservation efforts.

These wastes are regularly collected from all constituent academic units and Hospitals for storing it in waste collection zone located inside the campus.

The details of e-waste and general wastes collected in year 2023-24 is given below:

S.No.	Weight in Kg	Type of Waste
1	26537.5	Medical Equipment, Electronic & IT and telecom equipments etc.
2	79612.5	Paper Scrap, Iron, Tin & Plastic etc.
Total	**106150**	

Roshan Naugain
Manager
(Material Management Department)

Date: 22/07/24
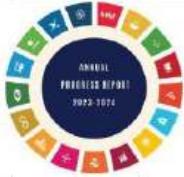
SUSTAINABLE DEVELOPMENT GOALS

13

CLIMATE ACTION

srhu.edu.in

1. Sustainable Campus Practices

1.1 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.

1.2 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.
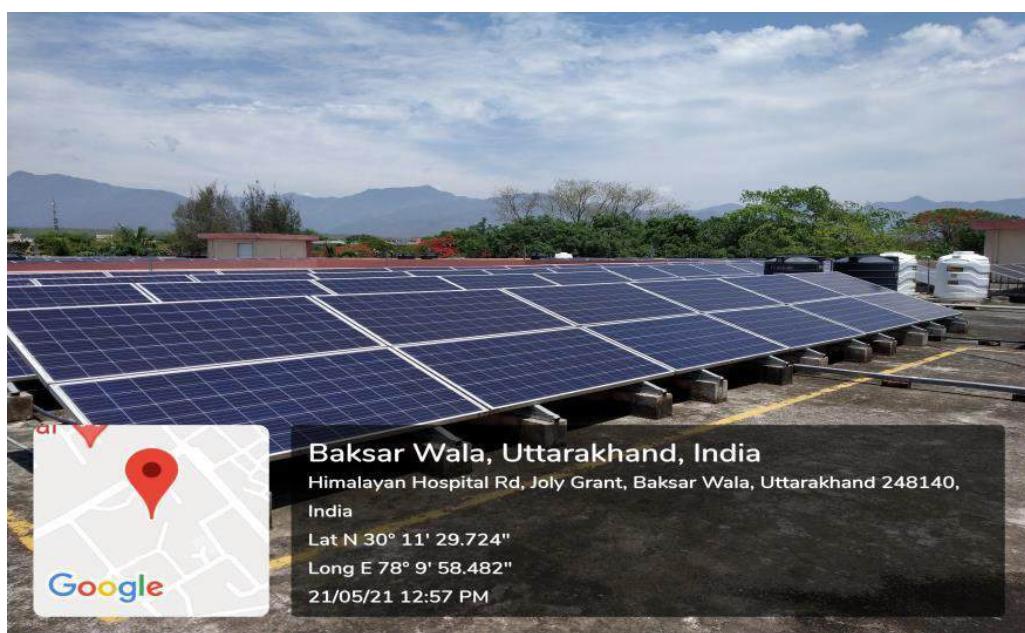
1.3 Energy Efficiency Initiatives at SRHU: A Commitment to Sustainable Campus Operations

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


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

In the past three years, the university has made substantial progress in replacing conventional ceiling fans with energy-efficient 32-watt BLDC fans. This replacement of 2000 fans has saved a total of 3, 04,608 kWh of electricity. Another significant step in energy conservation has been the replacement of old desktop computers with energy-efficient 120-watt models, resulting in a saving of 177.8 kWh per day (equivalent to 53,340 kWh annually).

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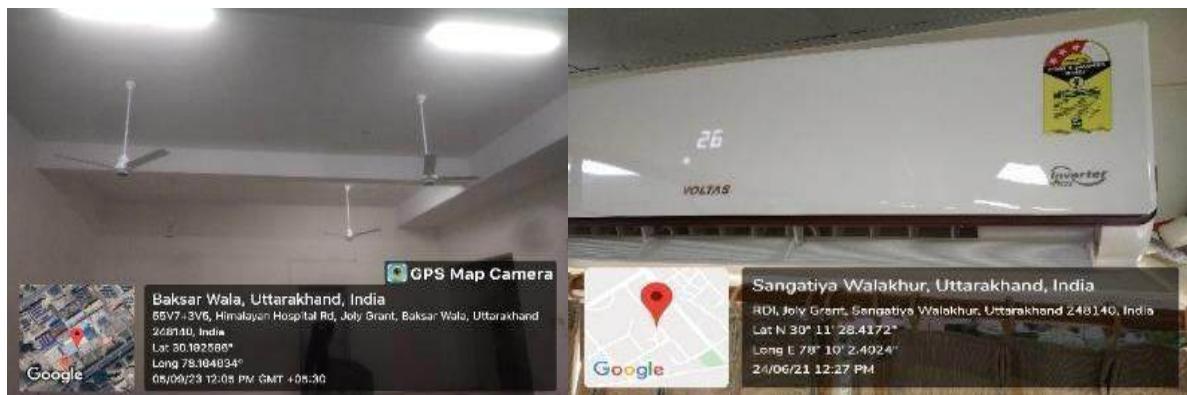
To further reduce energy consumption, energy-saving message slips are displayed at electrical switchboards across the campus, encouraging responsible energy use.
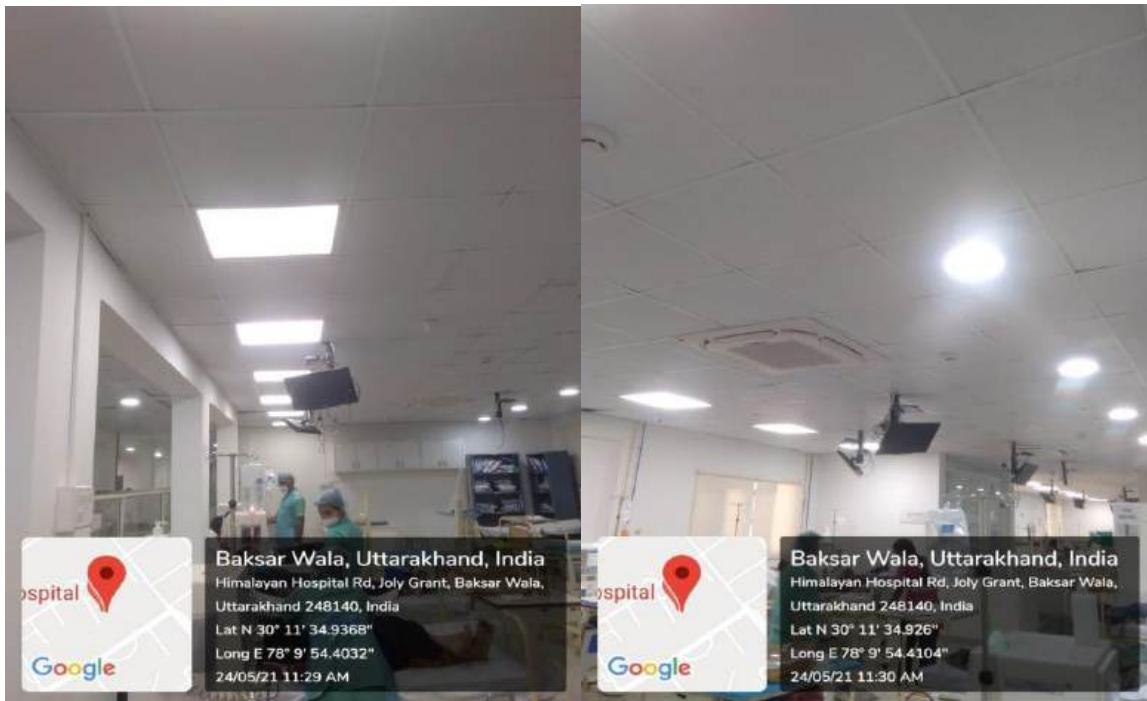
1.4 Installation of LED lights throughout the campus

Looking ahead, the university has several forward-thinking energy conservation measures in place, including the installation of an EV charging station for campus electric vehicles, the introduction of an app-based cycle service for commuting within the campus, and the proposal for a 500 kW solar power plant. Additionally, the ongoing installation of PNG-powered dual-fuel DG sets will further reduce dependence on conventional fossil fuels.

These combined efforts demonstrate SRHU's ongoing commitment to energy efficiency and sustainability, making the campus a model for energy-conscious institutions.

2. Water Conservation Practices at SRHU: A Sustainable Approach

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

2.1 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. in a total water saving of 2.26 crore liters per year.

2.2 Waterless Urinals: A Game Changer

In an effort to conserve groundwater, SRHU has installed 150 waterless urinals across the campus. Each waterless urinal saves an impressive 151,000 liters of water annually, resulting.

2.3 Smart Water Usage in Toilets

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

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

Condensed water collected from AC units used for cleaning purposes

3. Awareness Campaigns and Behavioral Change

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

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

- **Greywater Recycling**: If applicable, showcase the use of **greywater recycling** systems to repurpose water from sinks and showers for non-potable uses like landscape irrigation, reducing overall water usage.

4. Waste Management and Circular Economy

- **Waste Reduction and Segregation**: Highlight comprehensive **waste segregation** systems on campus (e.g., recycling bins for plastics, paper, and metals, organic waste bins) and efforts to minimize waste generation.
- **Composting and Organic Waste**: Showcase initiatives like **campus composting programs** for organic waste, converting food scraps and garden waste into nutrient-rich compost, which can be used for landscaping and gardening.
- **E-Waste Management**: Mention systems in place for the **responsible disposal and recycling of electronic waste (e-waste)**, such as offering collection points for old computers, phones, and other electronic devices.
- **Zero Waste Events**: Highlight efforts to make campus events and conferences **zero-waste**, where waste is minimized through reusable products, careful planning, and waste diversion strategies.

5. Climate Change Awareness and Education

- **Curriculum Integration**: Highlight how the institution integrates **climate change and sustainability** topics into academic programs and courses, such as **climate science**, **environmental policy**, and **sustainable development**.
- **Workshops and Seminars**: Showcase seminars, conferences, and workshops that focus on climate change issues, sustainability practices, and the role of institutions in mitigating environmental impacts.
- **Student and Faculty Engagement**: Mention student and faculty-led initiatives, clubs, or organizations dedicated to climate action, such as sustainability clubs, green ambassadors, or climate advocacy groups.
- **Awareness Campaigns**: Highlight awareness campaigns run by the institution on topics such as **energy conservation**, **carbon footprint reduction**, **plastic waste reduction**, and **climate justice**.

6. Sustainable Transportation and Mobility

- **Promotion of Public Transportation**: Showcase efforts to encourage the use of **public transport** by students and faculty, such as subsidized transport passes or shuttle services to reduce individual car use.
- **Electric Vehicles (EVs) and Charging Stations**: Highlight the installation of **EV charging stations** on campus to encourage the use of electric vehicles among students, faculty, and staff.
- **Cycling Infrastructure**: Mention the creation of **bike lanes**, **bike-sharing programs**, and **bicycle parking facilities** to promote cycling as a sustainable mode of transportation.
- **Carpooling and Ride-Sharing Initiatives**: Showcase initiatives aimed at reducing carbon emissions from commuting by promoting **carpooling** and **ride-sharing programs**.

7. Climate Resilience and Adaptation

- **Green Spaces and Urban Resilience**: Showcase efforts to create **green spaces** on campus, such as gardens and tree plantations, which help reduce the urban heat island effect, improve air quality, and contribute to climate resilience.
- **Flood and Stormwater Management**: Mention infrastructure initiatives to manage **stormwater** and prevent flooding, such as the installation of permeable pavements, rain gardens, and sustainable drainage systems.
- **Climate-Resilient Infrastructure**: Highlight how the institution plans and builds infrastructure that is **climate-resilient**, such as buildings designed to withstand extreme weather events or facilities that mitigate the effects of rising temperatures.

8. Collaboration and Partnerships

- **Partnerships with Environmental Organizations**: Mention partnerships with local or international environmental organizations and NGOs focused on **climate action**, **conservation**, and **sustainability**.
- **Collaboration with Industry for Green Solutions**: Highlight collaborations with businesses and industries to promote **green technologies**, **climate change solutions**, and sustainable practices in sectors such as construction, transportation, and manufacturing.
- **Government and Policy Engagement**: Showcase the institution's involvement in **policy advocacy**, **climate action plans**, and **public sector collaborations** aimed at reducing the impact of climate change through education, research, and community involvement.

9. Sustainability in Campus Operations

- **Sustainable Food Systems**: Mention initiatives in the campus dining facilities that prioritize **sustainable sourcing** of food, such as **locally grown produce**, **organic food**, or plant-based menus to reduce the institution's carbon footprint.

- **Eco-Friendly Procurement**: Highlight the institution's sustainable procurement policies, including purchasing **eco-friendly products**, **recycled materials**, and **energy-efficient equipment**.
- **Sustainability in Facility Management**: Showcase sustainable practices in campus facility management, such as the use of **eco-friendly cleaning products**, **sustainable building materials**, and **waste reduction** in daily operations.

10. Climate Action Advocacy and Community Engagement

- **Community Outreach Programs**: Showcase initiatives aimed at **educating local communities** about climate change and empowering them with tools to adopt more sustainable practices in their daily lives (e.g., energy-saving tips, waste reduction strategies, climate adaptation methods).
- **Collaborative Climate Action Projects**: Mention partnerships with local governments, NGOs, and community organizations on joint projects focused on **climate resilience**, **sustainable livelihoods**, and **environmental conservation**.
- **Climate Action Events and Celebrations**: Highlight events organized on campus to commemorate global observances such as **Earth Day**, **World Environment Day**, and **COP climate summits**, where students and faculty engage in climate action campaigns.

SUSTAINABLE DEVELOPMENT GOALS

SUSTAINABLE DEVELOPMENT GOALS

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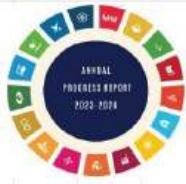
LIFE BELOW WATER

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Challenges

1. **Marine Pollution**: Increasing levels of plastic waste, untreated wastewater, and harmful chemicals degrade marine ecosystems.
2. **Overfishing**: Unsustainable fishing practices lead to the depletion of fish stocks, threatening food security and livelihoods.
3. **Ocean Acidification**: Rising carbon dioxide absorption is altering ocean chemistry, affecting marine biodiversity and ecosystems like coral reefs.
4. **Climate Change**: Warming waters and rising sea levels disrupt marine ecosystems and coastal habitats.
5. **Habitat Destruction**: Coastal development, illegal fishing, and unsustainable aquaculture contribute to habitat loss.
6. **Policy and Awareness Gaps**: Weak enforcement of marine protection laws and low public awareness hinder effective conservation.
7. **Limited Collaboration**: Insufficient international partnerships restrict coordinated efforts to address global marine issues.

Strategies

1. **Marine Protected Areas (MPAs)**: Establish MPAs to safeguard biodiversity and allow ecosystems to recover.
2. **Pollution Reduction**: Implement measures to reduce plastic use, improve waste management, and adopt circular economy models.
3. **Sustainable Fishing Practices**: Strengthen regulations on fishing, promote sustainable aquaculture, and restore fish populations.
4. **Climate Adaptation**: Focus on coastal restoration, blue carbon initiatives, and other mitigation strategies for climate impacts on oceans.
5. **Education and Awareness**: Conduct campaigns to promote responsible behaviors among industries, communities, and governments.
6. **International Collaboration**: Foster partnerships for data sharing, research, and capacity building to tackle global marine issues collectively.
7. **Technology Use**: Encourage innovations like remote sensing and AI for monitoring marine ecosystems and pollution levels.

Alignment with SRHU's Vision

1. **Multidisciplinary Research**: Conduct research on water conservation, pollution mitigation, and sustainable management of aquatic ecosystems.
2. **Community Engagement**: Collaborate with local communities to promote eco-friendly practices like water conservation and pollution control.
3. **Educational Focus**: Integrate environmental conservation principles into academic programs to prepare students for global challenges.
4. **Sustainability Initiatives**: Promote campus-wide practices like efficient water use and pollution management to lead by example.

5. **Capacity Building**: Organize training programs for students, researchers, and community members on sustainable marine and freshwater management.
6. **Global Partnerships**: Establish collaborations with international institutions to enhance knowledge-sharing and adopt best practices in marine conservation.

Research Initiatives

Swami Rama Himalayan University (SRHU) is committed to supporting Sustainable Development Goal 14 (SDG 14), which emphasizes the conservation and sustainable use of oceans, seas, and marine resources. Through multidisciplinary research initiatives, the University addresses critical challenges impacting marine and freshwater ecosystems, fostering innovative and sustainable solutions.

Research on Marine Pollution: SRHU focuses on identifying the sources, impacts, and mitigation strategies for marine pollution, including microplastics and chemical contaminants. Researchers are developing eco-friendly alternatives, such as biodegradable materials, to reduce waste entering aquatic environments.

Sustainable Aquaculture Practices: The University emphasizes research into sustainable aquaculture systems that ensure food security while minimizing environmental harm. This includes designing eco-friendly fish farming methods and exploring the use of organic feed.

Water Conservation and Quality Management: SRHU actively investigates water quality in freshwater and coastal ecosystems. Projects prioritize sustainable water resource management, monitoring practices, and improving access to clean water for communities.

Preservation of Aquatic Biodiversity: Research programs focus on documenting and protecting aquatic biodiversity, with particular attention to endangered and economically vital species. Efforts also include habitat restoration projects, such as mangrove and coral reef rehabilitation, using innovative techniques.

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
4	Upgrading plant microbe-based approach to enhance	24 Months	Dr Vivek Kumar, HSBS	5.750	2024

	phytoremediation method in contaminated water body				
5	Emerging threats in Aquaculture: Bibliometric Analysis of Aeromonas sps. as an emerging pathogen	04 Months	Nupur Joshi, Dr. Geeta Bhandari, Dr Archna Dhasmana, Dr Vikash Singh Jadon, Dr. Sanjay Gupta	0.15	Till December 2023

Research publications:

Swami Rama Himalayan University (SRHU) actively contributes to Sustainable Development Goal 14 (SDG 14) through impactful research publications that address the preservation of aquatic ecosystems and the sustainable management of marine resources. SRHU researchers publish in renowned national and international journals, covering key areas such as marine pollution, microplastic contamination, aquatic biodiversity, and sustainable fisheries management. These publications delve into the effects of climate change on marine ecosystems, innovative strategies for habitat restoration, and advancements in water quality monitoring. Additionally, they highlight community-driven approaches and provide policy recommendations to safeguard marine life and enhance coastal resilience. Through the generation and dissemination of evidence-based insights, SRHU strengthens its commitment to promoting sustainable aquatic ecosystems and advancing global sustainability objectives. (Scopus - Swami Rama Himalayan University).

Joshi, P., Bhatt, A., Aggarwal, G.Fishers 4.0: Revolutionizing Contemporary Fisheries Management through Industry 4.0 Integration. Proceedings - 2024 International Conference on Healthcare Innovations, Software and Engineering Technologies, HISET 2024, 2024

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

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

Chandra, S., Joshi, N.. Probiotics in Aquaculture. Handbook of Aquatic Microbiology, 2024

SUSTAINABLE DEVELOPMENT GOALS

SUSTAINABLE DEVELOPMENT GOALS

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LIFE ON LAND

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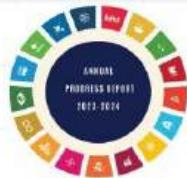
Tree Plantation Drive

The Himalayan Institute of Medical Sciences (HIMS), SRHU, conducted a Plantation Drive as part of its 'Family Adoption Programme,' demonstrating a strong commitment to Sustainable Development Goal (SDG) 15: Life on Land. This initiative, aimed at promoting community engagement and environmental responsibility, encouraged students to adopt families in rural areas to provide healthcare support and foster environmental awareness. In collaboration with Gram Pradhan Rohit Nautiyal and the School Principal of Primary School Gauhri Mafi, over 150 students and community members gathered for the plantation drive in Gauhri Mafi village, Doiwala. Equipped with saplings and gardening tools, students planted 434 tree saplings, including native species such as Guava, Jamun, Litchi, Mango, Tulsi, Majestic Palms, and Marigold, around key community locations such as the Anganwadi centre and the primary school. These species were thoughtfully selected for their adaptability to the local climate and ecological benefits, such as air purification, carbon sequestration, and the creation of wildlife habitats, which align with SDG 15 objectives of conserving and restoring terrestrial ecosystems.

Enhancing Environmental Awareness and Education

As part of its continued dedication to environmental sustainability, Swami Rama Himalayan University (SRHU) reinforced its "Go Green Campus" campaign on the auspicious occasion of the Harela festival—a traditional celebration symbolizing nature worship and environmental conservation in Uttarakhand. This initiative aligns with Sustainable Development Goal (SDG) 15: Life on Land, reflecting SRHU's commitment to fostering a harmonious relationship between humanity and the environment.

Key Highlights:

- Around 100 saplings of native species including Jamun, Litchi, Amla, Pipal, Haldi, Amaltas, Lagerstroemia, and Gulmohar were thoughtfully planted across the already verdant SRHU campus.
- These indigenous species are well-suited to the local climate and contribute to ecological balance, enhancing biodiversity while requiring minimal external inputs.

Environmental Benefits:
- The plantation initiative contributes to carbon sequestration, air purification, and soil conservation within the campus.
- The addition of diverse plant species helps maintain ecological stability, reduce soil erosion, and foster a sustainable microclimate.

Creation of Microhabitats:
- The saplings will grow to create habitats for a variety of fauna, including birds, pollinators, and other wildlife, supporting essential ecological processes.

This initiative exemplifies SRHU's proactive approach to integrating cultural heritage with ecological conservation, fostering a green and sustainable environment for future generations.

Combatting Land Degradation and Desertification

Rainwater Harvesting

In alignment with Sustainable Development Goal (SDG) 15: Life on Land, SRHU has integrated eco-friendly water conservation strategies by setting up 12 rainwater harvesting pits across its 200-acre campus. These harvesting systems not only support the recharge of groundwater reserves but also play a critical role in combating land degradation caused by excessive groundwater extraction. By capturing over 40 crore liters of rainwater annually, the initiative helps maintain soil integrity, reduce erosion, and promote sustainable land management practices, contributing to a healthier and more resilient ecosystem.

For more information
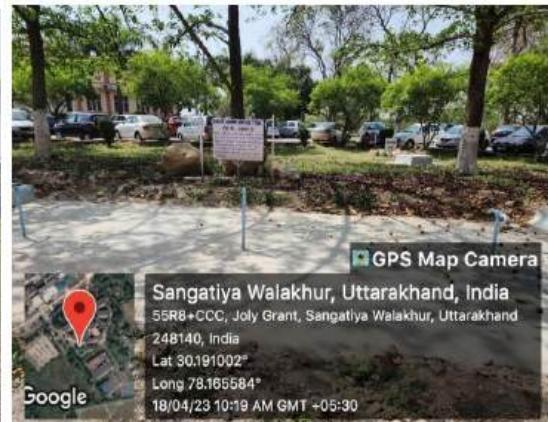
Reduction of Pollution and Degradation

Soil Conservation Through Effluent Treatment

SRHU's commitment to environmental sustainability is demonstrated through its **90 KLD capacity Effluent Treatment Plant (ETP)**, and **600 KLD Sewage Treatment Plant (STP)** which ensures efficient wastewater management. The treated water is recycled for campus irrigation, significantly decreasing the reliance on freshwater resources. This approach not only conserves vital water supplies but also helps maintain soil quality by preventing untreated waste discharge into natural ecosystems and supporting sustainable land use

Plastic-Free Campus

Swami Rama Himalayan University and Swami Rama Hospital are gearing up to become zero plastic waste campuses with support from SDC Foundation. Over the past 18 months, a plastic waste management program has led to the segregation and recycling of more than 3000 kg of plastic at CSIR-IIP. A 'Plastic Bank' on campus and the recent provision of 12 jumbo bins have strengthened these efforts. Chancellor Vijay Dhasmana and Vice Chancellor Dr. Rajendra Dobhal emphasized the institution's commitment to achieving this goal. SDC Founder Anoop Nautiyal pledged continued support, highlighting the collaborative effort to foster sustainability and reduce plastic pollution.

Integration of Renewable Energy and Sustainable Practices

Solar Power Initiatives
- The campus's 1500 KW rooftop solar power plant generates renewable energy, significantly reducing reliance on fossil fuels.
- Expansion plans for an additional 1000 KW aim to sustainably meet 40% of the university's electricity requirements.

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.

Green Campus and Garden

Swami Rama Himalayan University (SRHU) nurtures a green belt spanning approximately 1,60,800 sqm, featuring over 5,000 trees. A notable plantation drive in collaboration with the Uttarakhand State Forest Department in September 2022 added 3,300 saplings to this flourishing ecosystem. The campus maintains its green expanse through an in-house horticulture nursery managed by a dedicated team of 40 staff members. SRHU's vibrant biodiversity is home to 125 floral species and diverse fauna, including 15 bird species, 22 butterfly species, and representatives from reptile and amphibian categories. The sight of numerous bird nests across the campus underscores its role as a sanctuary for local wildlife.

Green Audit Certificate

Swami Rama Himalayan University (SRHU) has been recognized for its commitment to environmental sustainability by receiving the Green Audit Award. This prestigious award highlights the university's efforts in promoting eco-friendly practices across its campus, including effective waste management, energy conservation, water usage efficiency, and the promotion of green spaces. SRHU's dedication to sustainable development, reducing its carbon footprint, and implementing eco-friendly technologies has contributed to this recognition, underscoring its role in fostering environmental awareness and responsibility within the academic community.
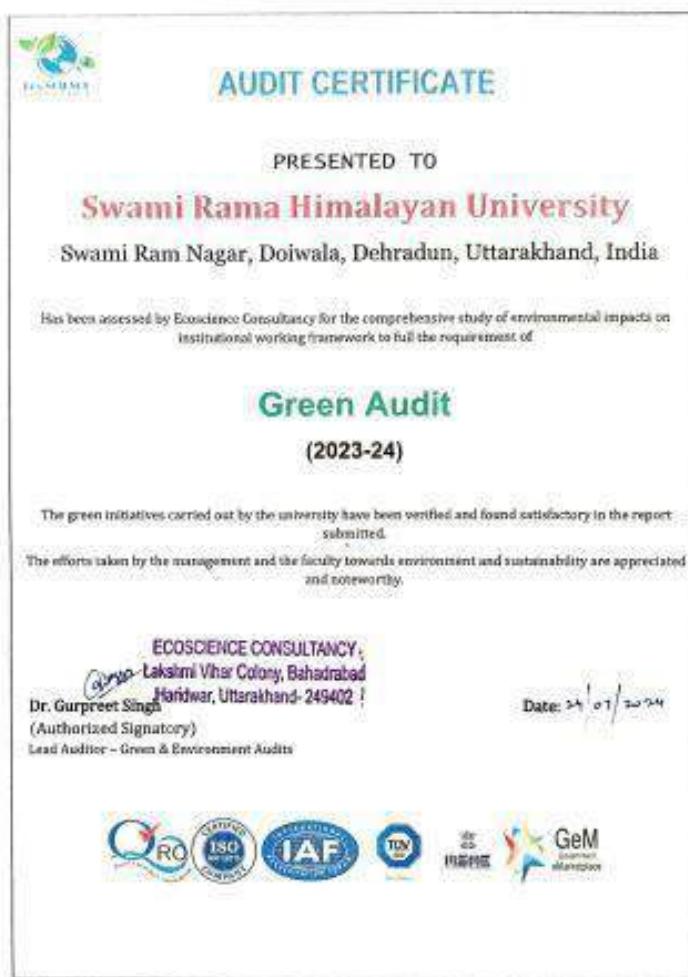
CII-Gold Award 2023

The University is also honored with the prestigious CII-Gold Award 2023 in the "Green Practices Award" service category by the Confederation of Indian Industry (CII). SRHU became the first and only institution in North India to receive this recognition in this category. SRHU has become

a model institution in education, health, and social development, with a strong focus on eco-friendly initiatives, energy conservation, water preservation, and environmental protection. The university's 200-acre campus houses various sustainability programs, such as effective waste management systems and large-scale tree plantation drives.

Key highlights:

- Plastic Bank: A dedicated initiative to promote the recycling of single-use plastics, significantly reducing plastic waste.
- Electric Vehicles: The adoption of electric vehicles for official purposes within the campus, promoting eco-friendly transportation and reducing fuel consumption.
- Paper Recycling: Establishment of a paper recycling unit to repurpose used paper for envelopes, cards, and file covers.
- E-Waste Facility: A dedicated e-waste storage and recycling facility to manage the growing issue of electronic waste.
- Solar Energy: SRHU meets 16% of its electricity needs through solar energy, reducing carbon emissions by approximately 1455 tons.

SUSTAINABLE DEVELOPMENT **GOALS**

SUSTAINABLE DEVELOPMENT GOALS

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PEACE, JUSTICE AND STRONG INSTITUTION

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Swami Rama Himalayan University

Swami Rama Himalayan University (SRHU) has been a pioneering institution in fostering a culture of peace, justice, and robust institutional values. With a strong belief in the transformative power of education, SRHU emphasizes shaping a society rooted in transparency, ethical conduct, and active community participation. The efforts of the university aim to contribute meaningfully to the creation of peaceful societies governed by justice and integrity.

Transparent Governance

Central to SRHU's mission is its dedication to transparent governance. Operating under an open and inclusive management system, the university ensures that all stakeholders—students, faculty, and staff—are well-informed and actively involved in decision-making. This culture of openness fosters trust and encourages individuals to feel heard and valued within the community. SRHU recognizes that transparency is essential for building accountability, which in turn promotes equity and justice. Students are encouraged to understand and engage with these structures, contributing to the harmonious functioning of the institution while gaining an appreciation for the principles of fairness and equality.

Ethical Research as a Cornerstone

SRHU's commitment to peace and justice is exemplified through its focus on ethical research. All research initiatives at the university are designed not only to advance academic knowledge but also to uphold the highest standards of integrity. Ethical research at SRHU prioritizes the welfare of individuals, communities, and the environment. Researchers are encouraged to address critical societal challenges, including inequality, environmental sustainability, and social justice. By modelling ethical research practices, SRHU instils in its students values of responsibility and social consciousness, empowering them to contribute to a fairer and more just society.

Active Community Engagement

Extending its impact beyond campus boundaries, SRHU actively engages with local communities through outreach programs, service-learning opportunities, and partnerships with regional organizations. Students and faculty participate in initiatives that promote social justice, equity, and peace, such as supporting educational programs, engaging in environmental conservation, and assisting marginalized groups. These activities underscore the university's belief that its role extends beyond academic instruction, positioning community engagement as a core component of its mission to build peaceful, just, and inclusive societies.

Equal Access to Education

SRHU views equal access to education as a fundamental right. Its policies are crafted to ensure that students from diverse social, economic, and cultural backgrounds can access quality education without barriers. This inclusive approach fosters a sense of belonging and justice, enriching the academic environment and cultivating a foundation for equity and mutual respect.

Strengthening Institutional Frameworks

By instilling values of integrity, accountability, and respect for the rule of law in its students and staff, SRHU strengthens both its institutional framework and its broader societal impact. These principles enable the university to develop into a model academic institution while contributing to the global aspiration of creating peaceful societies where justice and fairness prevail.

Conclusion

SRHU's unwavering commitment to peace, justice, and strong institutions transcends traditional academic goals. It is a holistic philosophy that shapes the values, actions, and future of its community. Through transparent governance, ethical research, community engagement, and inclusive education, SRHU not only nurtures excellence but also actively contributes to building a world grounded in justice and harmony.

POLICIES

CODE OF ETHICS	
Core Principles	
Integrity	Upholding honesty and transparency in academic and administrative practices.
Respect for Individuals	Promoting mutual respect, inclusivity, and non-discrimination.
Academic Honesty	Ensuring originality and authenticity in research, assignments, and examinations.
Accountability	Encouraging personal responsibility in fulfilling duties and obligations.
Sustainability and Social Responsibility	Supporting eco-friendly practices and contributing positively to society.
Implementation Strategies	
Ethics Committees	Dedicated committees oversee ethical compliance in research and operations.
Training and Awareness Programs	Regular workshops and seminars to sensitize stakeholders about ethical practices.
Zero Tolerance Policy	Strict disciplinary measures for plagiarism, harassment, or any form of misconduct.
Commitment	SRHU strives to nurture professionals who are skilled and ethically driven to serve humanity.

- [Link for Policy](#)

POLICY FOR PREVENTION OF PLAGIARISM	
Key Highlights	
Definition	Plagiarism is the practice of taking someone else's work or ideas 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	
Detection Tools	Mandatory use of plagiarism detection software.
Awareness Programs	Regular sessions on ethical writing practices.
Citation Standards	Strict adherence to accepted citation and referencing standards.
Consequences	
Minor Infringements	Resubmission of the work with necessary corrections.
Major Infringements	Disciplinary actions, including suspension or degree revocation.
Appeals	Avenues for appeal are available to ensure fairness.
Objective	Ensures the originality and credibility of SRHU's academic and research outputs.

- [Link for policy](#)

INTELLECTUAL PROPERTY (IP) POLICY OF SRHU	
Objectives	
Encourage Innovation and Research	Encourage innovation and research.
Protect the Rights of Creators and Inventors	Protect the rights of creators and inventors.
Facilitate Commercialization and Societal Benefit from IP	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.
Objective	By supporting and protecting intellectual property, SRHU aims to drive innovation, reward creativity, and contribute to societal progress.

[Link for Policy](#)

RESEARCH PROMOTION POLICY

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.
Objective	This policy reflects SRHU's commitment to fostering a vibrant research culture and contributing to global knowledge and innovation.

Link for Policy

POLICY AGAINST SEXUAL HARASSMENT

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 counselling and other support services for affected individuals.
Objective	SRHU's policy ensures a safe and equitable environment, fostering dignity and respect for all.

POLICY FOR STUDENTS' COUNCIL

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.
Objective	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

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	
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	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.
Objective	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.

EXTENSION AND OUTREACH PROGRAM

**Detailed program report for each extension and outreach program (July 2023- June 2024)**

S. No.	Particular	Link
2023		
1.	Free Eye Camps on 2 June 2023	View document

2.	Comprehensive Package of service - TB elimination Programme on 03 June 2023	View document
3.	School Health Camp on 09 June 2023	View document
4.	World Blood Donor's Day_14 Jun 2023	View document
5.	Comprehensive Package of service - TB elimination Programme on 17 June 2023	View document
6.	Comprehensive Primary Health Camp on 19 June 2023	View document
7.	Free Eye Camps on 22 June 2023	View document
8.	Comprehensive Package of service - TB elimination Programme on 24 June 2023	View document
9.	Comprehensive Package of service - TB elimination Programme on 03 July 2023	View document
10.	Adolescent Friendly Clinic on 12 July 2023	View document
11.	Free Eye Camps on 15 July 2023	View document
12.	Comprehensive Package of service - TB elimination Programme on 22 July 2023	View document
13.	Adolescent Friendly Clinic on 25 July 2023	View document
14.	Free Eye Camps on 1 August 2023	View document
15.	Comprehensive Package of service - TB elimination Programme on 05 August 2023	View document
16.	BLS in IMA Activity Report_8 Sep 2023	View document
17.	Menstrual Hygiene Training on 09 Sept 2023	View document
18.	Comprehensive Primary Health Camp on 13 Sept 2023	View document
19.	BLS training program_5 Oct 2023	View document

20.	RIMC BLS Activity_23 Oct 2023	View document
21.	Learning Disability Clinic on 30 October 2023	View document
22.	Basic Life support training program_4 Nov 2023	View document

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Swami Rama Himalayan University

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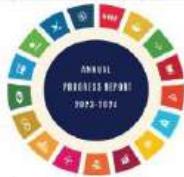
SUSTAINABLE DEVELOPMENT GOALS

SUSTAINABLE DEVELOPMENT GOALS

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PARTNERSHIPS FOR THE GOALS

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Strengthening Regional and Local Collaborations

Swami Rama Himalayan University (SRHU) has undertaken transformative initiatives to address regional challenges in the Himalayan region. These efforts focus on community engagement, sustainable water management, sanitation, livelihood enhancement, disaster relief, and capacity building.

Key initiatives include collaborations with local NGOs and grassroots organizations to deliver healthcare, education, and environmental conservation. Under the National Jal Jeevan Mission, SRHU has trained over 7,300 individuals in springshed management, rainwater harvesting, and sanitation infrastructure development. These efforts have significantly improved access to safe water, hygiene practices, and public health outcomes.

Livelihood projects, such as organic farming and aromatic crop cultivation, have empowered over 5,000 farmers, reducing migration and fostering economic resilience. The university has also played a pivotal role in disaster relief, supporting vulnerable communities with essential resources during crises, including COVID-19.

SRHU's holistic approach integrates grassroots involvement, academic expertise, and governmental support, ensuring sustainable development. With scalable models and measurable impacts, the university continues to strengthen regional resilience and promote sustainability in Uttarakhand.

You can refer to the detailed tabular summary for more insights into these initiatives and their outcomes.

Area of Focus	Initiatives and Actions	Achievements/Impact
Community Engagement	- Collaborations with NGOs and grassroots organizations. - Focus on healthcare, education, and environmental conservation.	- Improved healthcare access in remote areas. - Enhanced education for underprivileged children. - Promoted sustainable practices.
Water Supply and Sanitation	- Addressed water scarcity in Himalayan regions. - Community-driven approaches involving local stakeholders.	- Safe water access: 55 liters per capita per day. - Significant reduction in waterborne diseases. - Cleaner, healthier communities.
National Jal Jeevan Mission	- Springshed management and rainwater harvesting. - Training of 7,300+ individuals. - Sanitation infrastructure development.	- Constructed 3,100 toilets across 96 villages. - Built 309 rainwater harvesting tanks. - Developed 55 hectares of springshed areas.
Hygiene Promotion	- Awareness campaigns on handwashing and sanitation practices.	- Over 90% of residents adopted regular handwashing habits.

		- Improved public health outcomes.
Livelihood Development	- Introduced organic farming and aromatic crops. - Trained farmers in orchard development. - Promoted cash crop cultivation.	- Supported 5,000 farmers. - Established 10 lemon orchards. - Harvested significant quantities of lemongrass, turmeric, and ginger.
Relief and Rehabilitation	- COVID-19 relief: Training frontline workers and distributing essential kits. - Disaster medical aid for vulnerable communities.	- Aided 30,000 individuals during COVID-19. - Provided resources to 2,000 differently-abled individuals. - Assisted 10,000 disaster-affected individuals.
Training and Capacity Building	- Trained 9,000+ individuals in water and sanitation management. - Acted as a National Training Partner for key programs.	- Benefitted participants from 28 states/UTs. - Strengthened community skills for sustainable development.
Regional Development Projects	- Conducted outreach programs. - Encouraged social entrepreneurship among students and faculty to address local challenges.	- Enhanced regional resilience and sustainability. - Promoted innovative solutions to regional issues.

Strategic Partnerships and Collaborations

Swami Rama Himalayan University (SRHU) actively engages in collaborations across academic, industrial, governmental, and international sectors to drive innovation and sustainable development. Academic partnerships promote cross-disciplinary expertise, global perspectives, and enriched research opportunities. Collaborations with industries and government organizations focus on skill development, societal challenges, and policy consultation. International alliances facilitate research on global issues like climate change and public health, alongside cultural exchange programs that nurture global citizenship. These partnerships underscore SRHU's commitment to fostering knowledge exchange, addressing critical challenges, and creating a sustainable future.

Collaboration Type	Key Initiatives	Outcomes/Impact
Academic Collaborations	- Joint academic programs fostering cross-disciplinary expertise. - Student and faculty exchange initiatives. - Shared research infrastructure	- Enhanced global perspectives among students and faculty. - Improved academic and research outcomes.

		for enriched learning and innovation.	- Stronger knowledge exchange networks.
Industry and Government Partnerships		- Skill-building programs to develop industry-ready professionals. - Joint projects tackling societal challenges like health, sustainability, and technology. - Policy consultation for sustainable growth frameworks.	- Better employability for students. - Addressed critical regional and national issues. - Influenced sustainable development policies.
International Collaborations		- MoUs with global institutions for collaborative research. - Research initiatives on climate change, public health, and inequality. - Cultural exchange programs to foster global citizenship.	- Solutions for pressing global challenges. - Stronger cross-cultural understanding. - Broadened scope for innovation and collaboration.

S. No.	Name of the Party	Title of Agreements/MoUs/License Deeds
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.
2	Medical Pollution Control Committee	To dispose of and arrange material of operation & maintenance of the Bio-Medical Waste generated at Himalayan Hospital.
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.
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
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)
8	CSIR-CIMAP, Lucknow	To share the facilities and expertise available in each other's Institutes.
9	ICMR- NCDIR	Hospital Based Cancer Registries in India
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.
11	Social Development for Communities (SDC)	For sustanable developement goals, climate change , waste management etc.
14	ECHO INDIA PROJECT	To demonopolize knowledge and amplify the capacity to provide best practice care for underserved people all over the world
16	Cochlear Implant Surgery Under ADIP Scheme of Government of India	For conducing Cochlear Implant Surgery for the Candidate approved by AYJNISHD
17	Mrs. Shirin Vidya Venkatramani	To provide funds to empower the skills leading to strengthening the income and lives of the people in need
18	CSIR-NBRI	Collaboration on Research & Development and Academic including faculty and student exchange
19	M/s. Life Cell International Pvt. Ltd.	To provide large range of diagnostic and pathology service
20	S. K Memorial Hospital	For referring / transfer of patient for appropriate care and treatment
21	International Medical Services (Proprieter Mr. Bipin Bihari Choubey)	Financial support for 3 years to Ph.D Student
22	INFLIBNET	To meet the objectives pertaining to submission and access to Electronic Thesis and Dissertations in Shodhganga as envisaged by the UGC
23	CSIR -IHBT	Collaboration on Research & Development and Academic including faculty and student exchange
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.
25	Indian Association of Uttarakhand (IAU), Dehradun	For jointly enriching the technical eductaion process and for promoting industrial advancement
26	PHD Chamber of Commerce and Industry, New Delhi, India	For strengthening the ties between industry and academia
27	Indian Society for Training and Development (ISTD), Dehradun	For strengthening the ties between industry and academia

28	National Health Mission, Uttarakhand, Danda, Lokhand, Dehradun	Supplementary MOU with NRHM Uttarakhand for RBSK for the treatment of Children's
29	The Hans Foundation	Treatment of poor children under 18 years who are suffering from deseases/conditions not covered under RBSK
30	Confederation Of Indian Industry ("CII") Young Indians (Yi)	For creating a platform for Young Indians to realize the dream of a developed nation
31	Airports Authority of India, New Delhi	For internship program
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.
33	Auriga Research, New Delhi	For the purpose of jointly enriching the clinical research practices and for promoting research in the relevant field.
34	Tsukuba University, Japan	To provide framework for the future development of cooperation
37	Hemwati Nandan Bahuguna Uttarakhand Medical Education University (HNBUMU), Dehradun	Executed
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

Research and Innovation Networks

Swami Rama Himalayan University (SRHU) actively engages its faculty and researchers in collaborative projects addressing critical global and regional challenges. These joint research initiatives focus on:

- **Public Health:** Developing affordable and innovative healthcare solutions to improve access for underserved communities.
- **Sustainability:** Advancing renewable energy technologies and environmental conservation strategies to promote sustainable development.
- **Social Justice:** Exploring methods to reduce inequalities and enhance inclusivity within communities.

Through these projects, SRHU aims to create impactful solutions, drive innovation, and contribute meaningfully to global progress in critical areas. *Link*

Innovation Hubs

Swami Rama Himalayan University (SRHU) fosters innovation and entrepreneurship through its Technology Business Incubators (TBI). These incubators provide a robust platform for startups and entrepreneurs by offering:

- **Pre-Incubation and Incubation Facilities:** Supporting over 43 projects with the necessary infrastructure and guidance.
- **Funding and Mentorship:** Connecting innovators with funding opportunities and expert mentors to transform ideas into viable solutions.
- **Cutting-Edge Resources:** Access to state-of-the-art tools and research facilities to drive innovation and product development.

Through its TBIs, SRHU empowers entrepreneurs to create impactful solutions, contributing to economic growth and sustainable development.

Knowledge Sharing Platforms

Swami Rama Himalayan University (SRHU) actively contributes to international journals, conferences, and global research networks, establishing itself as a hub of knowledge dissemination and collaboration. By sharing ground breaking insights and research findings, SRHU promotes innovation and supports global development objectives in several ways:

- **Publishing in International Journals:** SRHU researchers contribute to high-impact journals, ensuring the global academic community benefits from their expertise in public health, sustainability, social justice, and other critical areas. These publications help bridge knowledge gaps and inform policy-making on a global scale.

- **Participation in Global Conferences:** Faculty and researchers frequently present at international conferences, showcasing advancements in healthcare, renewable energy, and education. These platforms foster cross-border collaborations, encouraging the exchange of ideas and best practices.
- **Engagement with Global Research Networks:** SRHU actively collaborates with international research organizations and networks, addressing pressing challenges such as climate change, healthcare accessibility, and poverty alleviation. These partnerships amplify the impact of SRHU's research and align with the United Nations' Sustainable Development Goals (SDGs).

Through these efforts, SRHU not only drives innovation but also plays a crucial role in shaping sustainable, equitable, and inclusive development at a global level.

Capacity Building Initiatives

Swami Rama Himalayan University (SRHU) is dedicated to nurturing talent and fostering growth through its comprehensive skill development programs. These initiatives include workshops, seminars, and training sessions designed for students, faculty, and stakeholders. The key objectives are to:

- **Enhance Critical Skills:** Focus on building proficiency in research methodologies, entrepreneurial ventures, and leadership capabilities to prepare participants for real-world challenges.
- **Develop Expertise in Emerging Areas:** Provide specialized training in cutting-edge fields such as artificial intelligence, sustainable development, and advanced healthcare practices.

By equipping participants with these skills, SRHU ensures they are well-prepared to contribute to innovation, drive sustainable development, and excel in their respective fields.

Empowering Education

Swami Rama Himalayan University (SRHU) places a strong emphasis on practical, hands-on training to prepare its students and faculty for the evolving demands of the modern world. By integrating advanced technologies and innovative methodologies into its training programs, SRHU ensures that participants gain the skills necessary to excel in cutting-edge fields.

Key aspects of this initiative include:

- **State-of-the-Art Resources:** Participants have access to modern laboratories, simulation centers, and high-end research equipment, allowing them to explore and master emerging technologies.
- **Comprehensive Training Modules:** Programs are designed to provide in-depth knowledge of tools and techniques across disciplines such as artificial intelligence, robotics, healthcare technology, renewable energy, and data analytics.
- **Real-World Applications:** Practical sessions and live projects help participants translate theoretical knowledge into actionable solutions, fostering creativity and problem-solving skills.
- **Collaboration with Industry Experts:** SRHU collaborates with industry leaders and experts to provide insights into the latest advancements and industry expectations, ensuring the training is both relevant and impactful.
- **Interdisciplinary Learning:** By integrating concepts from various fields, participants develop a holistic understanding of how technologies intersect, enabling them to address complex challenges.

Through these initiatives, SRHU equips its community with the confidence and expertise to innovate and lead in their respective domains. The focus on practical exposure ensures that students and faculty are not just proficient but are also future-ready, capable of driving meaningful change in a rapidly transforming world.

Training for Global Stakeholders

Swami Rama Himalayan University (SRHU) has emerged as a leader in enhancing medical education standards by prioritizing the professional growth of health profession teachers. Through its **Regional Centre for Medical Education Technologies**, SRHU has significantly contributed to faculty development, fostering innovation, and addressing the unique challenges of delivering medical education in rural and underserved areas of Northern India.

Objectives

- **Faculty Development:** Equip educators with innovative teaching methodologies through targeted training programs.
- **Continuous Learning:** Conduct CME programs to keep faculty updated with advancements in healthcare and pedagogy.
- **Student-Centric Learning:** Enhance teaching practices to create a more engaging and effective learning environment, aligned with HH Swami Rama's vision.

Context

When the **Himalayan Institute of Medical Sciences (HIMS)** was founded, it faced challenges such as difficulty recruiting qualified faculty and improving teaching quality. To overcome these hurdles, the institution prioritized training teachers in innovative, student-centered approaches.

The Practice

1. **Initial Training Initiatives (1998–1999):**

   o Faculty trained at Maulana Azad Medical College, AIIMS Delhi, and Manipal University.
   o Core team members became FAIMER fellows, pursuing advanced expertise.

2. **Establishment of Regional Centre (2014):**

   o Recognized as a Regional Center for Medical Education by the Medical Council of India (MCI).
   o Conducted faculty training for 17 medical colleges in Northern India through workshops like BCME and CISP.

3. **Adaptation During COVID-19:**

   o Transitioned to online and hybrid training modes.
   o Focused on implementing a competency-based curriculum.

4. **National Conference for Allied Healthcare Professionals (2022):**

   o Hosted Uttarakhand's first hybrid conference in collaboration with FAIMER and international experts.
   o Featured 24 workshops, enhancing faculty knowledge and networking opportunities.

5. **Comprehensive Training Approach:**

   o Catered to undergraduates, postgraduates, and faculty, emphasizing both technical skills and ethical principles.

Evidence of Practice

In five years, the Regional Centre has conducted **272 programs**, benefiting **28,779 participants**:

- **39 FDPs/Workshops:** Trained 997 faculty members.
- **218 CME Sessions:** Reached 26,146 participants.
- **Postgraduate Refresher Courses:** Benefited 443 students.
- **Orientation Programs:** Supported 1,193 undergraduates and postgraduates.

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Outcomes

- **Improved Teaching Standards:** Faculty in 17 medical colleges use innovative methods, creating a dynamic learning environment for students.
- **Seamless Transition to Digital Learning:** Enabled hybrid teaching during the pandemic, supporting curriculum implementation.
- **Recognition and Networking:** National conferences foster collaboration with global experts, reinforcing SRHU's leadership.
- **Scalable Model:** Success inspires expansion into allied health sciences, engineering, and management disciplines.

Challenges & Resources

- **Resource Person Shortage:** Addressed through internal faculty training and advanced fellowships.
- **COVID-19 Adaptation:** Overcame technological limitations to develop online teaching capabilities.

Future Aspirations

- Extend the Regional Centre's model to other disciplines.
- Attain **Nodal Center status** to further impact medical education nationwide.

Key Learnings

SRHU's journey highlights the transformative impact of a focused vision and strategic efforts. From addressing recruitment challenges to gaining national recognition, SRHU demonstrates how investment in faculty development and innovation can elevate medical education standards. By sharing its practices, SRHU inspires institutions across the country to replicate its model and drive widespread improvement.

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.

Promotion of Policy Coherence

Swami Rama Himalayan University (SRHU) actively aligns its internal policies and strategies with the global objectives of Sustainable Development Goal 17 (SDG 17): **Partnerships for the Goals.** This alignment ensures that the university integrates sustainable development into both academic and operational frameworks, fostering meaningful contributions toward global progress.

Key initiatives include:

- **Integrating Development Goals into Academic Frameworks:**

  SRHU incorporates SDG principles into its curriculum, research, and community outreach programs. By embedding sustainability concepts across disciplines, the university prepares students and faculty to address pressing global challenges, such as health disparities, environmental conservation, and social equity.

- **Operational Strategies for Sustainable Development:**

  The university has adopted policies that prioritize collaboration, resource sharing, and innovation. Initiatives like joint academic programs, industry partnerships, and global research projects reflect a commitment to fostering inclusive and equitable solutions that benefit local, regional, and global communities.

- **Capacity Building for Partnerships:**

  SRHU conducts training programs, workshops, and conferences to empower stakeholders with the knowledge and skills to collaborate effectively. These efforts promote multi-stakeholder engagement, bringing together academia, government, industries, and grassroots organizations to tackle complex issues.

  By aligning its policies and strategies with SDG 17, SRHU strengthens its role as a catalyst for sustainable development, driving impactful partnerships and inspiring others to adopt similar approaches. This commitment not only enhances the university's contributions to global goals but also establishes it as a leader in fostering collaborative progress.

- *Link*