



## SDG 3

### Good Health & Well-being

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*Driven by its vision to be a leading institution in education and healthcare, the university, along with its constituent Schools and the Himalayan Hospital, remains steadfast in delivering exceptional services in healthcare, education, and research. Aligned with this vision, the university is committed to advancing the objectives of Sustainable Development Goal 3 (SDG 3), focused on ensuring healthy lives and promoting well-being for people of all ages. The university continues to provide quality education in diverse disciplines, including Medicine, Nursing, Paramedical Sciences, Biosciences, Engineering, Management, Yoga Sciences, Clinical Research, Epidemiology, and Hospital Administration.*

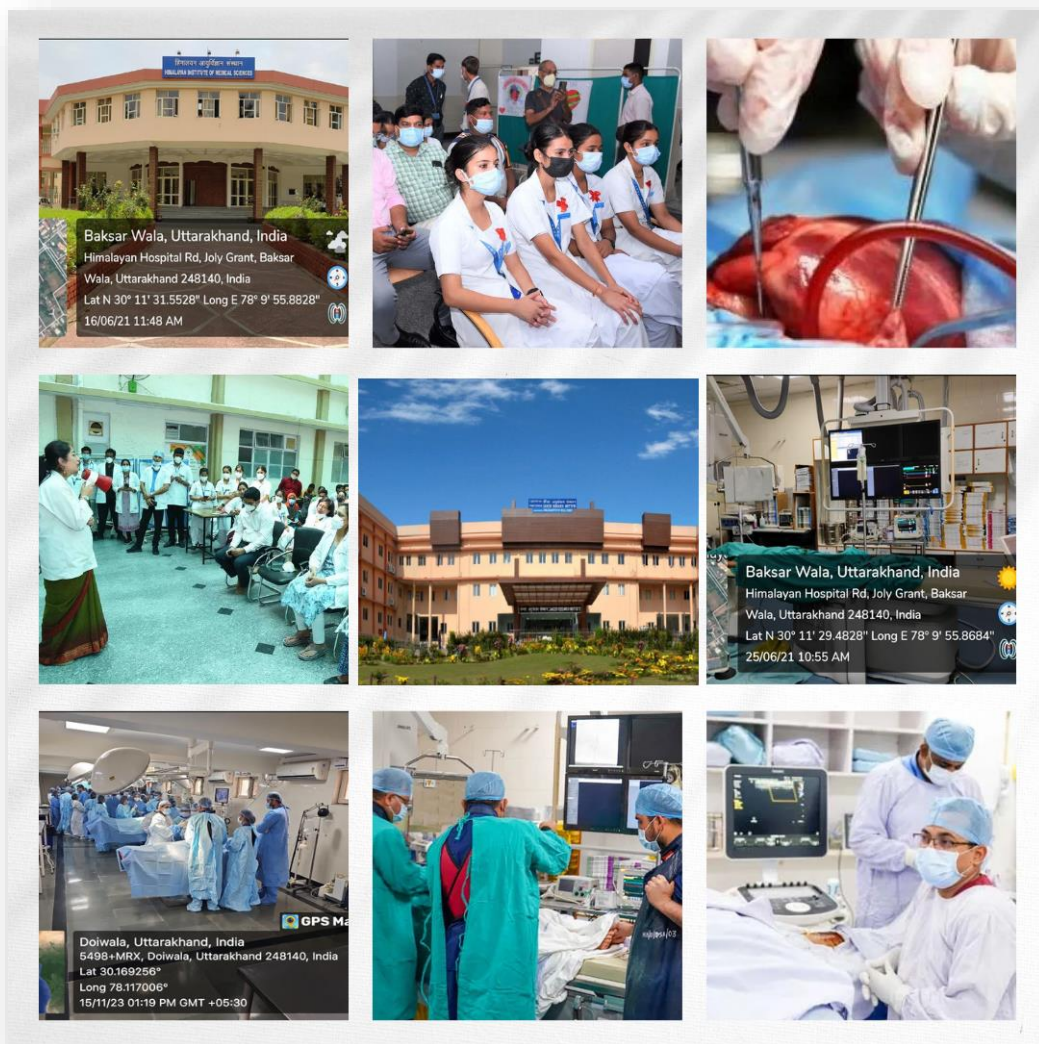
*Achieving SDG 3 requires collaborative efforts from governments, non-governmental organizations, healthcare institutions, and communities. The university offers a diverse range of core courses, electives, skill and capability enhancement courses, value-added programs, and interdisciplinary subjects tailored to the latest advancements in their respective fields. The curricula are thoughtfully designed to address pressing global and national health priorities, including environmental sustainability, community health programs, global healthcare challenges, diseases with epidemic and pandemic potential, international health regulations, the effects of climate change, mental health concerns, occupational health issues, and lessons from Covid-19. Additionally, the programs emphasize critical national issues such as poverty, access to safe water, the growing burden of non-communicable diseases (NCDs), population growth, gender empowerment, inadequate healthcare infrastructure, malnutrition, and tuberculosis elimination, all of which align with the United Nations' Sustainable Development Goals.*

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## Healthcare Infrastructure and Services

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



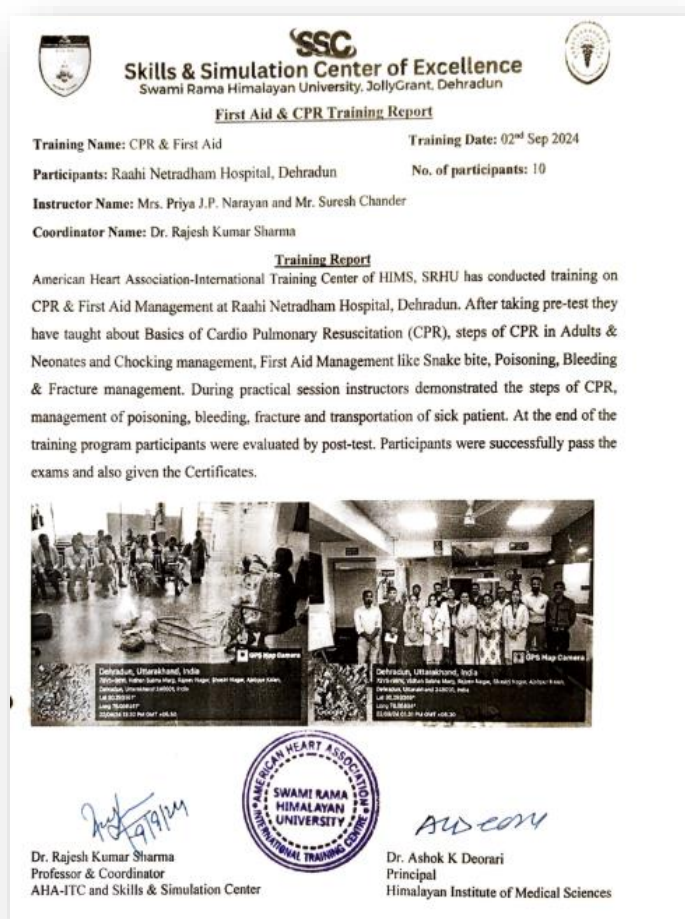


sleep labs, and endoscopic labs. These facilities provide hands-on training for medical and paramedical students.

## 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/](http://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.



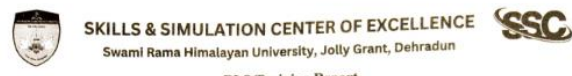
## Skills & Simulation Center of Excellence Swami Rama Himalayan University, Jolly Grant, Dehradun

### BLS Provider Training Report

**Training Name:** Basic Life Support  
**Training Date:** 01<sup>st</sup> Oct 2024  
**Participants:** B.Sc. Nursing 3<sup>rd</sup> Semester  
**No. of participants:** 44  
**Instructor Name:** Mrs. Priya JPN, Mr. Suresh Chander, Mr. Ankit Singh and Ms. Shagufta Jahoor  
**Coordinator Name:** Dr. Rajesh Kumar Sharma

#### Training Report

Skills & Simulation Center, HIMS, SRHU has conducted Basic Life Support (BLS) provider training program at Skills & Simulation Center of Excellence. After the pre-test and introduction with the course participants were taught about techniques of Chest Compression, Airway management, AED handling and Relieving of Choking among Adult, Pediatric and neonates. All the participants has successfully passed skill and knowledge examination. At the end of the training program certificated were given.



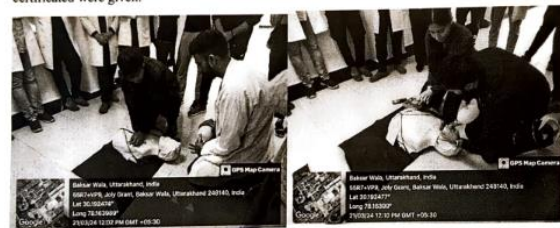
## SKILLS & SIMULATION CENTER OF EXCELLENCE Swami Rama Himalayan University, Jolly Grant, Dehradun

### BLS Training Report

**Training Name:** Basic Life Support  
**Training Date:** 21<sup>st</sup> Mar 2024  
**Participants:** MBBS Intern  
**No. of participants:** 29  
**Instructor Name:** Dr. Nishi Kumar, Mrs. Madhu Gaur and Mr. Manish Kumar Darjee  
**Coordinator Name:** Dr. Rajesh Kumar Sharma

#### Training Report

American Heart Association-International Training Center of HIMS, SRHU has conducted Basic Life Support (BLS) provider training program at Skills & Simulation Center of Excellence. After the pre-test and introduction with the course participants were taught about techniques of Chest Compression, Airway management, AED handling and Relieving of Choking among Adult, Pediatric and neonates. All the participants has successfully passed skill and knowledge examination. At the end of the training program certificated were given.



Dr. Rajesh Kumar Sharma  
Professor & Coordinator  
AHA-ITC and Skills & Simulation Center

Dr. Ashok K Deorari  
Principal  
Himalayan Institute of Medical Sciences

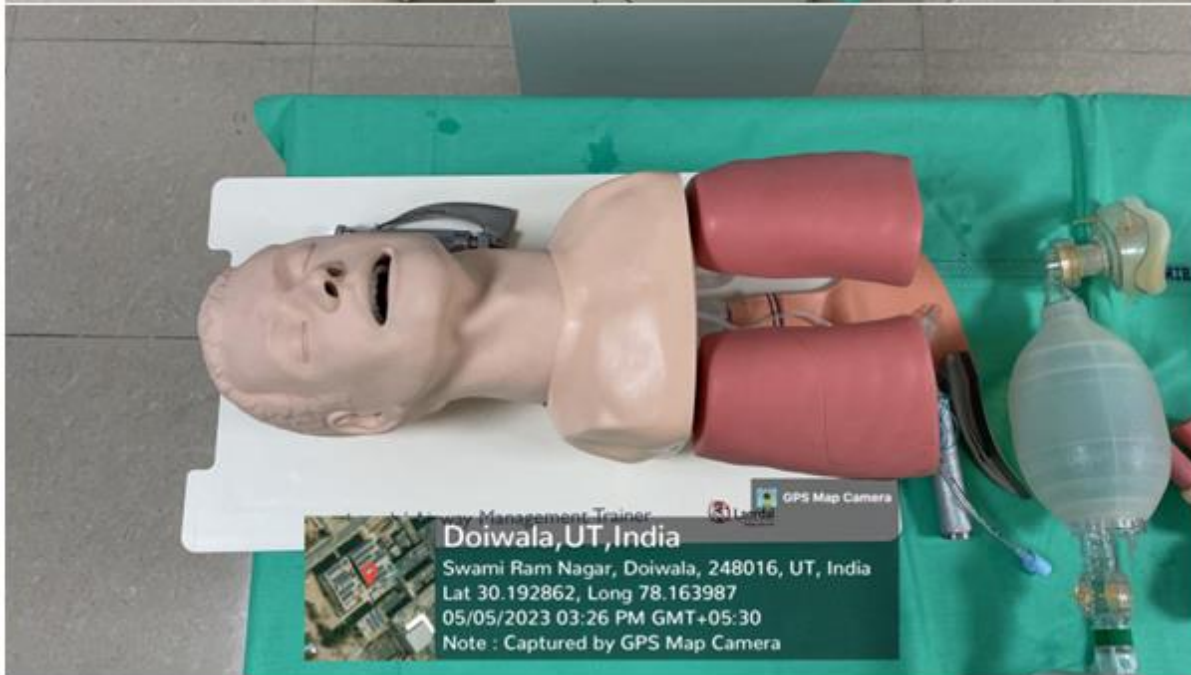
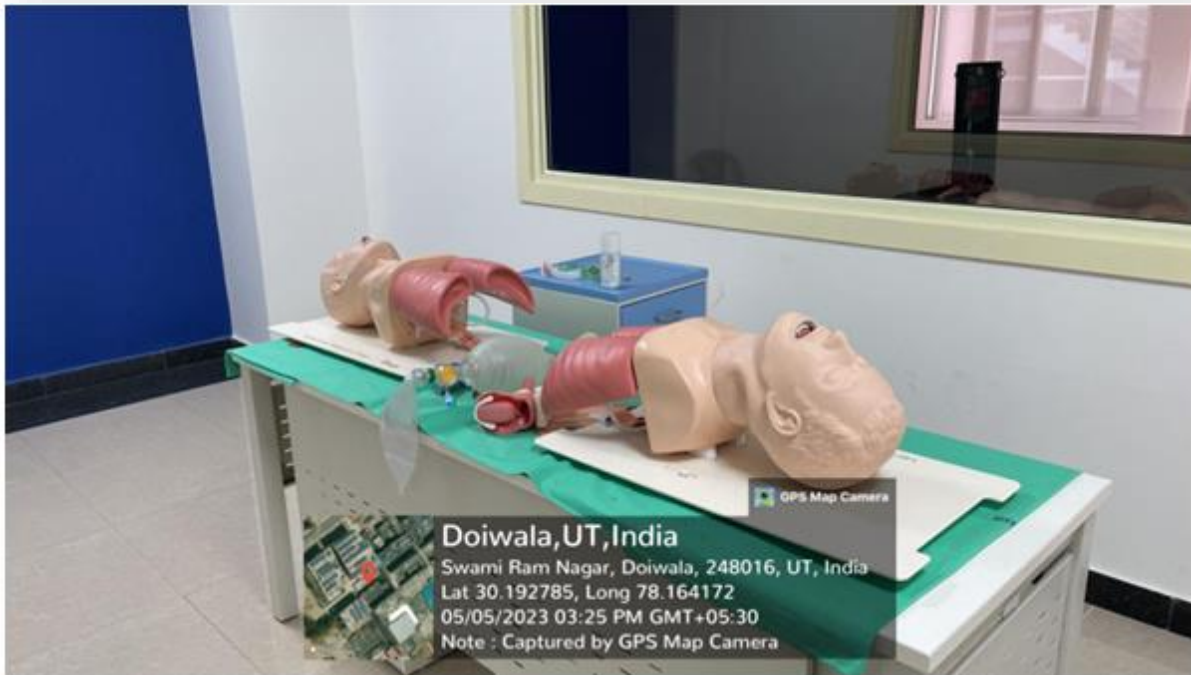


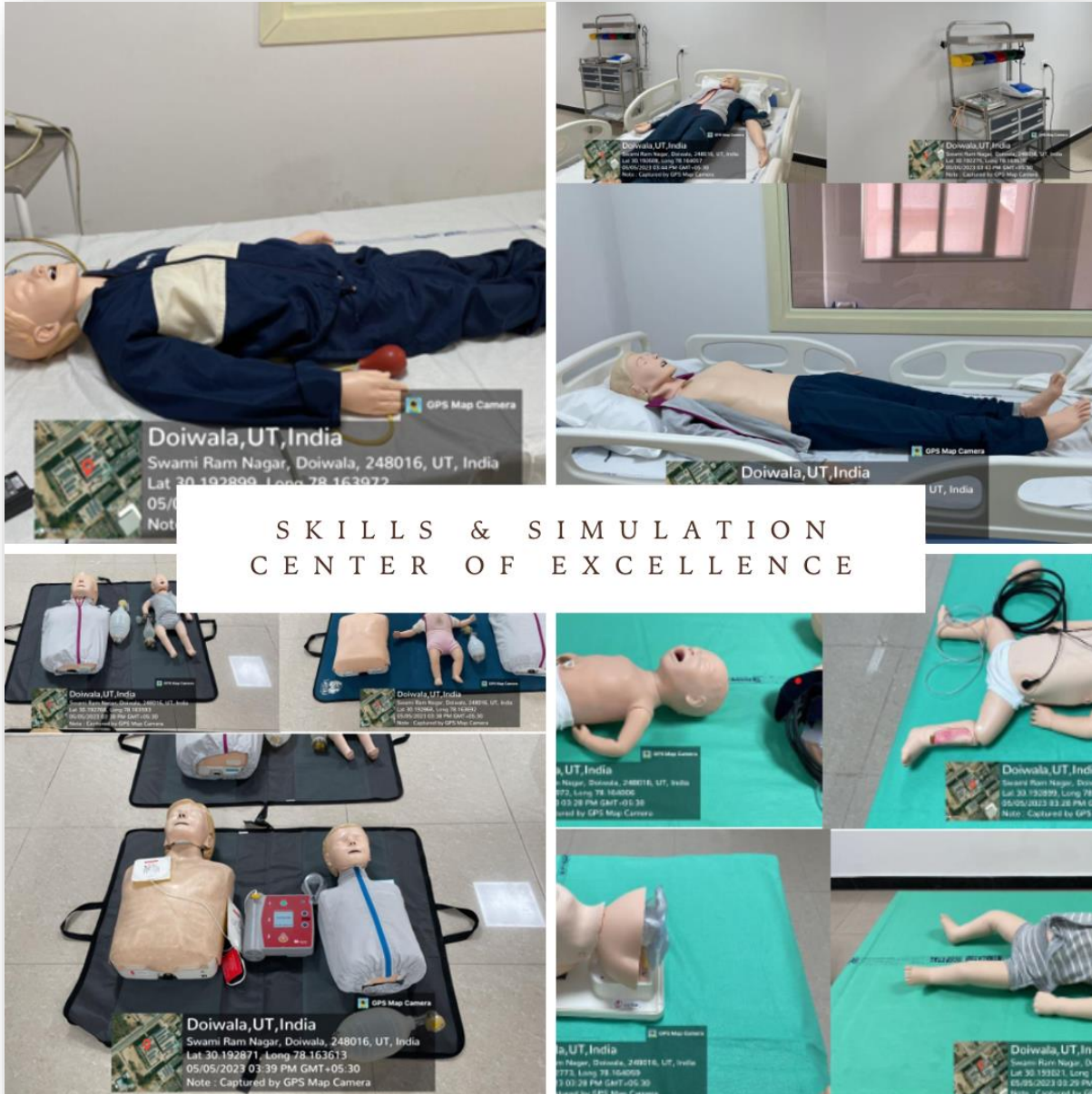


**Skills & Simulation Center of Excellence**

**Swami Rama Himalayan University**

**Intubation and Airway Management**





SKILLS & SIMULATION  
 CENTER OF EXCELLENCE



## 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. [Click Here](#)

The Learning Disability Clinic (LDC) reflects the University's commitment to inclusive education. Working in collaboration with various clinical departments, the LDC offers comprehensive evaluations and support services for children with learning disorders. Through a multidisciplinary approach, it provides personalized interventions, empowering children to overcome challenges and achieve academic and social success.





The institution has adequate facilities to support physical and recreational requirements of students and staff

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.

## 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.







## 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 groundbreaking 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.

## 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**

	<b>Name of the Party</b>	<b>Title of Agreements/MoUs/License Deeds</b>	<b>Category</b>	<b>Date of Execution</b>	<b>Date of Termination</b>
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 future, R & D activities etc. Between Laurea and SRHU.	MOU	09-02-2016	remain in-force till indefinite period by giving notice by either party
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.	CSIR-NBRI	Collaboration on Research & Development and Academic including faculty and student exchange	MOU	20-07-2023	19-07-2028
13.	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
14.	M/s. Life Cell International Pvt. Ltd.	To provide large range of diagnostic and pathology service	MOU	01-08-2023	31-07-2025
15.	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
16.	S. K Memorial Hospital	for referring / transfer of patient for appropriate care and treatment	MOU	18-08-2023	31-08-2025
17.	International Medical Services (Proprietor Mr. Bipin Bihari Choubey)	financial support for 3 years to Ph.D. Student	MoU	09-09-2023	15-09-2026
18.	CSIR -IHBT	Collaboration on Research & Development and Academic including faculty and student exchange	MOU	18-09-2023	17-09-2028



19.	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	
20.	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
21.	M/s. Shobhit Mediventures LLP	To provide quality and affordable medicine at SRHU premises.	License Deed	06-02-2024	05-02-2025
22.	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
23.	Cryoviva Biotech Pvt. Ltd.	for processing of Bone Marrow Cells/Peripheral blood stem cells	Agreement	01-01-2024	31-12-2024
24.	fRI, Dehradun	for jointly enriching the technical education process and for promoting industrial advancement	MoU	01-05-2024	30-04-2029
25.	ESI Scheme Uttarakhand	Treating of ESI Scheme Patients at CGHS or ESI rates	Agreement	10-04-2019	09-04-2028
26.	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	
27.	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	
28.	Gurman Medical Pvt Ltd	for sleep study	Agreement	15-09-2023	14-09-2024
29.	ECHS	To recognize and empanel Himalayan Hospital under ECHS for providing healthcare facilities to their employees.	Agreement	20-12-2023	19-12-2026



30.	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
31.	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
32.	ICMR- NCDIR	National Stroke Care Registry Programme in India: Hospital Based Stroke Registries in India	MoU	04-05-2024	9/30/2027
33.	BHEL, Haridwar	For empanelment of Himalayan Hospital under BHEL, Haridwar for providing healthcare facilities to their employees.	Agreement	01-07-2024	30-03-2026
34.	FRI, Dehradun	For empanelment of Himalayan Hospital under FRI, Dehradun for providing healthcare facilities to their retired and pensioners on CGHS cash basis.	Agreement	03-07-2024	31-05-2026
35.	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
36.	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.	MOU	15-07-2024	14-07-2029
37.	Advy Chemical	Supply of Container to Hospital for collection of BMF	Agreement	01-09-2024	31-08-2026
38.	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
39.	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	Academic Partner of Spoken Tutorial, IIT	Apr-24	Apr-25



		technical expertise and career opportunities.	Bombay		
40.	SRHU and FINDFIN Foundation		MOU	27-11-2024	26-11-2024
41.	MOU between HIMS, Dehradun & ICMR National Institute of Virology (ICMR-NIV) North Zone, Jammu governed by the ICMR-NIV, Pune, Maharashtra	Technical collaboration to inculcate and nurture common areas of interest including supporting and improving outbreak investigation and response, diagnosis and testing support, disease and outbreak surveillance, research collaboration, other public health activities and also academic activities between	MOU	08-11-2024	08-11-2029
42.	MOU-HIMS & CMO Dehradun (CHC Doiwala)	Training of MBBS/Interns/PGs	MOU	08/14/2024	08/14/2029
43.	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
44.	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
45.	ICMR	SANKALP: Strengthening Program Implementation and Monitoring to Achieve Single Digit Neonatal Mortality	Grant	Friday, March 15, 2024	

## 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 <i>Perilla frutescens</i> (Purple mint)	03 Months	Pankaj Arya, Deepak Kumar, Geeta Bhandari, Bharti, Narendra Kumar, Nupur Joshi, Archana 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. Vijendra Devisingh Chauhan	0.3	Till December 2023
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,	0.3	Till December 2023





			Anuradha Kusum		
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 vascular access in patients undergoing hematopoietic stem cell transplantation-a retrospective study.	02 Months	Dr. Kunal	0	Till December 2023
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,	0.3	Till December 2023



			Ayushi Santhanam		
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 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
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 Otorhinolaryngologic 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 ( <i>Gymnema sylvestre</i> ) using micropropagation technique	24 months	Dr. Vikash Singh Jadon, Associate Professor, HSBS	900000	11-Dec-2023
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 improve adherence to the guidelines in the setting of a district hospital under District Residency Program of NMC 2021	02-01-2024	153.36	1,53,36,008.00
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

### 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





स्वामी राम हिमालयन विश्वविद्यालय  
Swami Rama Himalayan University

3 GOOD HEALTH  
AND WELL-BEING




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



## Endowment Chairs for Cancer Research

The University has established two prestigious endowment chairs dedicated to advancing cancer research. These chairs aim to foster cutting-edge studies in cancer biology, therapeutics, and diagnostics, with the goal of developing innovative treatments and improving patient outcomes. The endowment chairs provide sustained funding to support interdisciplinary research teams, facilitate collaborations with global research institutions, and promote translational research that bridges the gap between laboratory discoveries and clinical applications.

1. **Swami Rama Chair in Cancer research- [View](#)**
2. **Research in Breast Cancer in Young Women- [View](#)**

 **Swami Rama Chair in Cancer Research** 

**Dr Aaron J. Ciechanover** 

**Nobel Laureate**  
Technion Distinguished Research Professor  
Ruth & Bruce Rappaport-Technion-I.I.T.- Integrated cancer center  
The Rappaport Faculty of Medicine & Research Institute Technion, Israel  
Institute of Technology, Israel  
**Chair Professor**- Swami Rama Chair in Cancer, Swami Rama Himalayan University.

 **ENDOWMENT CHAIR**  
in the field of  
**Research in Breast Cancer in Young Women** 

**Dr Rakesh Kumar** 

**Chair Professor**- Research in Breast Cancer in Young Women, Swami Rama Himalayan University.

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### Workshops and Training Programs

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

S.No.	Name of Workshop-Seminar	Date	Category	Link
1.	Antimicrobial Susceptibility testing: Promise, Pearl and Perils (CME)	3-Jun-23	Good Clinical Practice	<a href="#">View Document</a>
2.	Use of smart phones app in NICU (NHISGI)	5-Jun-23	Good Clinical Practice	<a href="#">View Document</a>
3.	Clinical Clerkship: Evolving role of faculty related to student doctor learning method (CME)	10-Jun-23	Good Clinical Practice	<a href="#">View Document</a>
4.	World Blood Donor Day	14-Jun-23	Good Clinical Practice	<a href="#">View Document</a>
5.	Systemic Sclerosis (CME)	17-Jun-23	Good Clinical Practice	<a href="#">View Document</a>
6.	Grossing (Guest Lecture)	19-Jun-23	Good Clinical Practice	<a href="#">View Document</a>
7.	Evaluation of Cytology (Guest Lecture)	20-Jun-23	Good Clinical Practice	<a href="#">View Document</a>
8.	Vasudhaiva Kutumbakam, International Yoga Day	21-Jun-23	Good Clinical Practice	<a href="#">View Document</a>
9.	Multiple Myeloma: Protean manifestation (CGR)	24-Jun-23	Good Clinical Practice	<a href="#">View Document</a>
10.	Workshop on Basic Statistical Methods in Medical Research	19 -20 Jun-2023	Research Grant Writing	<a href="#">View Document</a>



11.	ELBW case presentation (NHISGI)	26-Jun-23	Good Clinical Practice	<a href="#">View Document</a>
12.	Cadaveric workshop on Orthopaedic oncology	01-02-Jul-2023	Good Clinical Practice	<a href="#">View Document</a>
13.	Total Knee Arthroplasty	16-Jul-2023	Good Clinical Practice	<a href="#">View Document</a>
14.	Handx device intended to facilitate repair and or removal of Organs and soft tissue during laparoscopic procedures through tissue manipulation and mobilization, i.e. stitching and Grasping, Cutting and Coagulation using the Handx	18 to 19-Jul-2023	Good Clinical Practice	<a href="#">View Document</a>
15.	Neonatal Transport: Comprehensive Concept	21-July-2023	Good Clinical Practice	<a href="#">View Document</a>
16.	Neonatal transport: Comprehensive concepts	21-Jul-2023	Good Clinical Practice	<a href="#">View Document</a>
17.	Midterm workshop 2023	23-Jul-2023	Good Clinical Practice	<a href="#">View Document</a>
18.	Basic Course in Medical Education	21-Aug-2023 to 23-Aug-2023	Good Clinical Practice	<a href="#">View Document</a>
19.	Curriculum Implementation Support Program (CISP-III) workshop	24-Aug-2023 to 25-Aug-2023	Good Clinical Practice	<a href="#">View document</a>
20.	Strategies for Effective Clinical Teaching	28-Aug-2023	Good Laboratory Practice	<a href="#">View Document</a>
21.	ANNUAL INDIAN ORTHODONTIC CONFERENCE 2023 - HANDS ON WORKSHOP ON	14-Sep-23	Good Clinical Practice	<a href="#">View Document</a>



	PRESURGICAL NASOALVEOLAR MOLDING			
22.	Basic Course in Medical Education	18-Sep-2023 to 20-Sep-2023	Good Clinical Practice	<a href="#">View Document</a>
23.	Curriculum Implementation Support Program (CISP-III) workshop	21-Sep - 2023 to 22-Sep-2023	Good Clinical Practice	<a href="#">View Document</a>
24.	WORKSHOP ON BREAST CANCER AWARENESS	20-Oct-2023	Good Clinical Practice	<a href="#">View Document</a>
25.	KINSEOLOGY	04-Nov-2023	Good Laboratory Practice	
26.	Shaping the future of breast care: Trends & insights for tomorrow	'15-Nov-2023	Good Clinical Practice	<a href="#">View Document</a>
27.	Cadaveric Workshops on knee preservation and complex ligament repair	19-Nov-2023	Good Clinical Practice	<a href="#">View Document</a>
28.	Knee Preservation	19-Nov-2023	Good Clinical Practice	
29.	Advanced Neonatal Resuscitation workshop	19-Nov-2023	Good Clinical Practice	<a href="#">View Document</a>
30.	Cadaveric Workshops on Shoulder arthroscopy	24-25-Nov-2023	Good Clinical Practice	<a href="#">View Document</a>
31.	Cadaveric Workshop on Spine Endoscopy	01-Dec-2023	Good Clinical Practice	<a href="#">View Document</a>
32.	Newer Concepts in Surface and Environmental Disinfection	5-Dec-2023	Good Clinical Practice	<a href="#">View Document</a>
33.	Basic Course in Medical Education	16-Jan - 2024 to 18-Jan-2024	Good Clinical Practice	<a href="#">View Documents</a>



34.	Curriculum Implementation Support Program (CISP-III) workshop	19-Jan - 2024 to 20-Jan-2024	Good Clinical Practice	<a href="#">View Document</a>
35.	Research Methodology & Biostatistics	2-3 Feb 2024	Research Methodology	<a href="#">View Document</a>
36.	WORKSHOP ON CANCER AWARENESS	8-Feb-2024	Good Clinical Practice	<a href="#">View Document</a>
37.	Workshop on Building Better Evidence Through Robust Research Methodology cum Granting Writing: 02	9th – 10th February 2024	Research Grant writing	<a href="#">View Document</a>
38.	WORKSHOP ON CANCER AWARENESS AMONG CHILDREN	15-Feb-2024	Good Clinical Practice	<a href="#">View Document</a>
39.	A workshop on Open and laparoscopic knotting, suturing and dry vascular anastomosis was conducted by 'Johnson and Johnson Institute on wheels	07 to 08-Mar-2024	Good Clinical Practice	<a href="#">View Document</a>
40.	Covid-19 Vaccination learnings for RI strengthening and orientation on MR elimination, VPD & AEFI surveillance	07-May-2024	Good Clinical Practice	<a href="#">View Document</a>
41.	Clinical Trial Day	20-May-24	Good Clinical Practice	
42.	Workshop on Statistical Methods for Handling Research Data	24th – 29th June 2024	Research Methodology	



### Disease Prevention and Health Education

The University prioritizes disease prevention and health education as essential pillars in advancing public health and well-being. To address preventive healthcare needs, it organizes initiatives such as awareness programs, vaccination drives, health screening camps, and nutrition education sessions. Special outreach programs target areas such as maternal and child health, infectious disease prevention, hygiene promotion, and lifestyle modifications to mitigate the risk of chronic diseases.

The University also offers a diverse array of academic programs, including core courses, electives, skill and capability enhancement courses, value-added courses, and interdisciplinary modules that reflect the latest advancements in their respective fields. The curricula address pressing global and national challenges such as environmental sustainability, community health, global healthcare issues, epidemic and pandemic preparedness, international health regulations, climate change impacts, mental health, occupational diseases, and Covid-19. Additionally, they emphasize national concerns like poverty, access to safe water, the growing burden of non-communicable diseases (NCDs), population growth, gender empowerment, inadequate health infrastructure, malnutrition, and tuberculosis elimination—all of which align with the UN's Sustainable Development Goals.

#### List of courses offering health education

S.No.	Program	Course
1.	MBBS	Forensic medicine & toxicology
2.	MBBS	Community medicine
3.	MBBS	General Medicine and allied
4.	MBBS	Ophthalmology
5.	MBBS	Obst. & Gynae.
6.	MBBS	Paediatrics
7.	MBBS	Human Anatomy
8.	MBBS	Physiology
9.	MBBS	Biochemistry
10.	MBBS	Pharmacology
11.	MBBS	Pathology
12.	MBBS	Microbiology
13.	MBBS	General Surgery and allied
14.	MBBS	Oto-rhino laryngology
15.	MD Anatomy	Gross Anatomy, Embryology, Microscopic Anatomy of human body above the diaphragm with Radiological Anatomy & Body Preservation



16.	<b>MD Anatomy</b>	Gross Anatomy, Embryology, Microscopic Anatomy of human body below the diaphragm with General (Embryology & Microscopic) Anatomy
17.	<b>MD Anatomy</b>	Neuroanatomy & Genetics
18.	<b>MD Anatomy</b>	Recent advances and applied Anatomy in medical sciences
19.	<b>MD Biochemistry</b>	Biomolecules, Principles of Biophysics and its biomedical importance, Cell biology, Fluid, electrolyte and acid-base balance, Analytical techniques, and instrumentation, Biostatistics and research methodology, Basics of medical education in teaching and assessment of Biochemistry.
20.	<b>MD Biochemistry</b>	Enzymes, Bioenergetics, Biological oxidation, Intermediary metabolism and inborn errors of metabolism, Nutrition, Vitamins and Minerals, Detoxification and metabolism of xenobiotics, Free radicals, and antioxidant defence systems
21.	<b>MD Biochemistry</b>	Molecular biology, Molecular and genetic aspects of cancer, Immunology, and Environmental Biochemistry
22.	<b>MD Biochemistry</b>	Basic principles and practice of clinical biochemistry, Biochemical analytes, Assessment of organ system functions, and Recent advances in biochemistry
23.	<b>MD Physiology</b>	Basic sciences as applied to the subject (General and Cellular Physiology including Genetic basis and historical perspectives)
24.	<b>MD Physiology</b>	Systemic Physiology (system providing transport, nutrition and energy) including comparative Physiology
25.	<b>MD Physiology</b>	Systemic Physiology (system concerned with regulation, neural control and procreation)
26.	<b>MD Physiology</b>	Recent advances in the subject (including applied Physiology)
27.	<b>MD Pharmacology</b>	Basic sciences as applied to Pharmacology
28.	<b>MD Pharmacology</b>	Systemic Pharmacology
29.	<b>MD Pharmacology</b>	Clinical Pharmacology, Experimentation, Research, Biostatistics and Education
30.	<b>MD Pharmacology</b>	Recent advances in the Pharmacology
31.	<b>MD Pathology</b>	Basic sciences as applied to the subject (general pathology, pathophysiology, immunopathology, and molecular biology).
32.	<b>MD Pathology</b>	Systemic pathology – surgical and cytopathology
33.	<b>MD Pathology</b>	Haematology, transfusion medicine and laboratory medicine including instrumentation and quality control
34.	<b>MD Pathology</b>	Recent advances in the subject
35.	<b>MD Microbiology</b>	General Bacteriology and Immunology
36.	<b>MD Microbiology</b>	Clinical / Systemic Microbiology (CM I).
37.	<b>MD Microbiology</b>	Clinical / Systemic Microbiology (CM II).





38.	<b>MD Microbiology</b>	Recent Advances & Applied Microbiology (AM).
39.	<b>MD Community Medicine</b>	Conceptual (and applied) understanding of Public Health, Community Medicine, Communicable and Non-Communicable diseases, emerging and re-emerging diseases, Applied Epidemiology, Health research, Biostatistics.
40.	<b>MD Community Medicine</b>	Nutrition, Environmental Health, Primary Health Care system, Panchayat Raj system, National health Programs, RCH, Demography and Family Welfare, Health Care Administration, Health Management and Public Health Leadership.
41.	<b>MD Community Medicine</b>	Social & Behavioural sciences- applied aspects, Scientific communications & Medical writing, Research Methodology, Public Health Legislations, International Health & Global Diseases surveillance.
42.	<b>MD Community Medicine</b>	Health Policy planning, Medical Education technology, Information Technology, Integration of alternative Health system including AYUSH, Occupational Health, Recent advances in Public Health & Miscellaneous issues, Health Economics.
43.	<b>MD General medicine</b>	Basic Sciences in as applied to the subject
44.	<b>MD General medicine</b>	Therapeutics and tropical medicine
45.	<b>MD General medicine</b>	Systemic medicine of all organ systems
46.	<b>MD General medicine</b>	Recent advances in General Medicine
47.	<b>MD Paediatrics</b>	Basic Sciences as applied to pediatrics
48.	<b>MD Paediatrics</b>	General paediatrics
49.	<b>MD Paediatrics</b>	Systemic paediatrics
50.	<b>MD Paediatrics</b>	Recent advances
51.	<b>MD Dermatology, Venerology and Leprosy</b>	Basic Science as applied to Dermatology, STDs and Leprosy
52.	<b>MD Dermatology, Venerology and Leprosy</b>	Dermatology
53.	<b>MD Dermatology, Venerology and Leprosy</b>	STD & Leprosy
54.	<b>MD Dermatology, Venerology and Leprosy</b>	Recent advances in field of Dermatology, Applied Sciences pertaining to skin /VD & internal medicine and skin
55.	<b>MD emergency medicine</b>	Basic Medical Science (Applied Basic Sciences, General Emergency Medicine and Disaster Preparedness)
56.	<b>MD emergency medicine</b>	Infectious Disease, HIV And AIDS, CVS, GIT, Critical Care, Paediatrics, Environmental Emergencies and Toxicology



57.	<b>MD emergency medicine</b>	Respiratory Medicine, CNS, Surgical Emergencies, Obstetric and Gynaecological Emergencies, Surgical Specialities, procedures
58.	<b>MD emergency medicine</b>	Nephrology, Endocrinology, Haematology, Oncology, Psychiatry, Dermatology, Occupational Disease and Recent Advances
59.	<b>MD Anaesthesia</b>	Basic Sciences as applied to Anaesthesia
60.	<b>MD Anaesthesia</b>	Practice of Anaesthesia: Anaesthesia in relation to associated systemic and medical diseases.
61.	<b>MD Anaesthesia</b>	Anaesthesia in relation to subspecialties/super specialties
62.	<b>MD Anaesthesia</b>	Intensive Care Medicine, Pain Medicine and Recent advances.
63.	<b>MD Psychiatry</b>	Basic sciences as related to Psychiatry
64.	<b>MD Psychiatry</b>	Clinical Psychiatry
65.	<b>MD Psychiatry</b>	Psychiatry specialities
66.	<b>MD Psychiatry</b>	Recent advances
67.	<b>MD Radiation oncology</b>	Basic Principles in practice of Radiotherapy (Physics, Biology, Pathology, Equipment's & Techniques of Radiotherapy)
68.	<b>MD Radiation oncology</b>	Clinical Radiation Oncology
69.	<b>MD Radiation oncology</b>	Allied Oncology Practices (Surgical oncology, medical oncology & Palliative Care)
70.	<b>MD Radiation oncology</b>	Recent Developments in Oncology, Cancer Control Programmes, Research methodologies in oncology
71.	<b>MD Radio-diagnosis</b>	Basic sciences related to Radiology (consists of Anatomy, Pathology, Basic and Radiation Physics, Imaging Techniques, and Film processing).
72.	<b>MD Radio-diagnosis</b>	Chest, CVS, CNS including Head & Neck, Eye, ENT, Musculo-skeletal, pediatric radiology and Mammography.
73.	<b>MD Radio-diagnosis</b>	Abdominal Imaging including GI, GU, Hepatobiliary, endocrine and metabolic, Obstetrics and Gynaecology and Interventional radiology
74.	<b>MD Radio-diagnosis</b>	Recent advances, nuclear medicine; Radiology related to clinical specialties
75.	<b>MD Respiratory Medicine</b>	General pulmonary medicine and basic sciences;
76.	<b>MD Respiratory Medicine</b>	Clinical pulmonary medicine including medical emergencies;
77.	<b>MD Respiratory Medicine</b>	Clinical pulmonary medicine including critical care medicine;
78.	<b>MD Respiratory Medicine</b>	Recent advances in pulmonary medicine, and research methodology.
79.	<b>MS General surgery</b>	Basic Sciences
80.	<b>MS General surgery</b>	Principles and Practice of Surgery



81.	<b>MS General surgery</b>	Principles and practice of Operative Surgery
82.	<b>MS General surgery</b>	Recent advances in surgery
83.	<b>MS Obstetrics &amp; Gynaecology</b>	Obstetrics including social obstetrics and Diseases of Newborn
84.	<b>MS Obstetrics &amp; Gynaecology</b>	Recent Advances in Obstetrics & Gynaecology
85.	<b>MS Obstetrics &amp; Gynaecology</b>	Applied Basic sciences.
86.	<b>MS Obstetrics &amp; Gynaecology</b>	Gynaecology including fertility regulation
87.	<b>MS Ophthalmology</b>	Recent Advances in Ophthalmology and Community Ophthalmology
88.	<b>MS Ophthalmology</b>	Basic Sciences related to Ophthalmology, Refraction & Optics
89.	<b>MS Ophthalmology</b>	Clinical Ophthalmology
90.	<b>MS Ophthalmology</b>	Systemic Diseases in Relation to Ophthalmology
91.	<b>MS Orthopaedics</b>	Basic sciences as applied to the subject
92.	<b>MS Orthopaedics</b>	Traumatology and Rehabilitation
93.	<b>MS Orthopaedics</b>	Orthopaedic diseases
94.	<b>MS Orthopaedics</b>	Recent advances in Orthopaedic surgery & General Surgery as applied to Orthopaedics
95.	<b>MS Otorhinolaryngology</b>	Basic Sciences related Otolaryngology
96.	<b>MS Otorhinolaryngology</b>	Principles and Practices of Otolaryngology
97.	<b>MS Otorhinolaryngology</b>	Recent advances in Otolaryngology and Head Neck surgery.
98.	<b>MS Otorhinolaryngology</b>	General Surgical Principles and Head-Neck Surgery.
99.	<b>MCH Surgical Oncology</b>	Recent Advances in Surgical oncology
100.	<b>MCH Surgical Oncology</b>	Basic Sciences
101.	<b>MCH Surgical Oncology</b>	Principles and practice of surgical oncology-Head and neck, Thoracic cavity, GI Tract, sarcoma of tissue & bones, oncological emergencies, metastatic cancer
102.	<b>MCH Surgical Oncology</b>	Principles and practice of surgical oncology-Genito urinary system, Gynaecological cancer, breast cancer, cancer of endocrine system, Skin cancer
103.	<b>DM Neurology</b>	Basic Sciences as related to Neurology (includes anatomy, physiology, pathology, biochemistry, Pharmacology and genetics as applicable to neurology)
104.	<b>DM Neurology</b>	Clinical Neurology (includes all aspects of clinical neurology i.e. diagnosis, management, therapeutics, approach to clinical situations)



105.	<b>DM Neurology</b>	Investigative Neurology (includes all the investigative procedures i.e. electrophysiology, imaging, neuropathology, magnetoencephalography etc.)
106.	<b>DM Neurology</b>	Recent advances in Neurology (includes recent advances in neurosciences including genetics, immunology, therapeutics, pathophysiology etc.)
107.	<b>Master of Chirurgiae (M. Ch) - Neurosurgery</b>	Neurosciences, Emergency Neurosurgery
108.	<b>Master of Chirurgiae (M. Ch) - Neurosurgery</b>	Basic Neurosciences- Neuroanatomy, physiology, Neuro Pharmacology
109.	<b>Master of Chirurgiae (M. Ch) - Neurosurgery</b>	Operative Neurosciences, Neuropathology, Neuro-microbiology, neuroradiology and Neurology
110.	<b>Master of Chirurgiae (M. Ch) - Neurosurgery</b>	Recent Advances in Neurosciences including clinical Trials
111.	<b>Master of Hospital Administration</b>	Marketing of Hospitals and Health Care Services
112.	<b>Master of Hospital Administration</b>	Hospital Planning and Operations
113.	<b>Master of Hospital Administration</b>	Basic Medical Statistics and Research Methodology
114.	<b>Master of Hospital Administration</b>	Management Information System in Hospitals
115.	<b>Master of Hospital Administration</b>	Concept of Health and Disease, Demography and Health Information
116.	<b>Master of Hospital Administration</b>	Quality Management in Hospitals
117.	<b>Master of Hospital Administration</b>	Epidemiology, Health Communication and Health Economics
118.	<b>Master of Hospital Administration</b>	Recent Trends and Advances in Hospital Management
119.	<b>Master of Hospital Administration</b>	Patient Safety
120.	<b>MSc Clinical Research</b>	General Biochemistry
121.	<b>MSc Clinical Research</b>	Genetics; Molecular Biology
122.	<b>MSc Clinical Research</b>	Introduction to Clinical Research
123.	<b>MSc Clinical Research</b>	Bio medical, Bio analytical Techniques & Instrumentation
124.	<b>MSc Clinical Research</b>	General Epidemiology
125.	<b>MSc Clinical Research</b>	Clinical Trials
126.	<b>MSc Clinical Research</b>	Pharmacology
127.	<b>MSc Clinical Research</b>	Immunology
128.	<b>MSc Clinical Research</b>	Basic Clinical Microbiology
129.	<b>MSc Clinical Research</b>	IPR; Ethics
130.	<b>MSc Clinical Research</b>	Population Studies



131.	MSc Clinical Research	Intensive study of a Disease: Aetiology, Diagnostics & Therapeutics
132.	MSc Clinical Research	Pharmacovigilance
133.	MSc Clinical Research	Medical writing
134.	MSc Clinical Research	Medical Coding
135.	MSc Clinical Research	QC &QA Clinical Trials
136.	MSc Clinical Research	Dissertation
137.	MSC. Epidemiology	General Epidemiology and Basic Biostatistics
138.	MSC. Epidemiology	Introduction to Environmental, Occupational, Nutritional and Genetic Epidemiology
139.	MSC. Epidemiology	Demography & Population Studies
140.	MSC. Epidemiology	Environment and occupational epidemiology
141.	MSC. Epidemiology	Nutritional Epidemiology
142.	MSC. Epidemiology	Geriatric and Adolescent Health
143.	MSC. Epidemiology	Introduction to Psychosocial, Clinical and Pharmaco-epidemiology
144.	MSC. Epidemiology	Applied Epidemiology and Biostatistics
145.	MSC. Epidemiology	Epidemiological Study Designs and Basics of Research Methodology
146.	MSC. Epidemiology	Causation in Epidemiology, Disease Prevention and Screening
147.	MSC. Epidemiology	Advanced Biostatistics and Data Handling
148.	MSC. Epidemiology	Data Collection, Synthesis & Analysis
149.	MSC. Epidemiology	Epidemiology of Common Diseases
150.	MSC. Epidemiology	Health Care Planning and Management including Health Economics & Budgeting
151.	MSC. Epidemiology	Risk assessment and risk management (including Public Health Surveillance & Monitoring)
152.	MSC. Epidemiology	Case-study, Epidemiological Exercises or Surveillance/Monitoring/Evaluation & Report Writing
153.	MSC. Epidemiology	Public Health Practice and Research Methodology
154.	MSC. Epidemiology	Dissertation
155.	MSC. Epidemiology	Clinical Epidemiology
156.	MSC. Epidemiology	Maternal and Child Health
157.	BPT	Human Anatomy - 1
158.	BPT	Human physiology - 1
159.	BPT	Biochemistry
160.	BPT	Sociology
161.	BPT	Introduction to healthcare delivery system in India
162.	BPT	Introduction to Yoga, basic theory, Science and Technique
163.	BPT	Human Anatomy - II
164.	BPT	Human physiology - II
165.	BPT	General and clinical psychology
166.	BPT	Exercise Therapeutics 1



167.	BPT	Biomechanics and kinesiology
168.	BPT	Pathology
169.	BPT	Microbiology
170.	BPT	Pharmacology
171.	BPT	Introduction to quality and patient safety (including emergency care, BLS and biomedical waste)
172.	BPT	Environmental science -1
173.	BPT	Exercise Therapeutics II
174.	BPT	General surgery including burns and Plastic surgery and obstetrics and gynaecology
175.	BPT	General medicine, Paediatrics and psychiatry
176.	BPT	Community medicine
177.	BPT	Physiotherapy in general surgery and Medicine
178.	BPT	Physiotherapy in neurology and psychosomatic conditions
179.	BPT	Health promotion and fitness
180.	BPT	Physiotherapy in cardiovascular, pulmonary & intensive care
181.	BPT	Community Physiotherapy
182.	BRIT	Radiography- I
183.	BRIT	Radiological Procedure -II
184.	BRT	Human Physiology-I
185.	BRT	Radiation Equipment and Radiobiology- I
186.	BRT	Human Physiology-II
187.	BRT	Radiation Equipment and Radiobiology-II
188.	BRT	Introduction to Yoga- Basic theory, science and techniques
189.	BRT	Principles of cancer Control and Oncology Care-I
190.	BRT	Health Care and Radiotherapy Ethics-I
191.	BRT	Principles of cancer Control and Oncology Care-II
192.	BRT	Health Care and Radiotherapy Ethics-II
193.	BOT	Human Anatomy-I
194.	BOT	Human Physiology-I
195.	BOT	Biochemistry
196.	BOT	Pharmacology Principles Relevant to Operation Theatre Technology
197.	BOT	Introduction to Quality, Patient safety and Patient care - I
198.	BOT	Human Anatomy-II
199.	BOT	Human physiology-II
200.	BOT	Basic Pathology and Haematology
201.	BOT	Microbiology
202.	BOT	Introduction to Quality, Patient safety and Patient care - II



203.	BOT	Introduction to Yoga - Basic theory, Sciences and techniques
204.	BOT	Introduction to Anaesthesia technology
205.	BOT	Environmental Sciences-I
206.	BOT	Medical diseases influencing choice of Anaesthesia
207.	BOT	Environmental science-II
208.	BOT	Considerations in special surgical procedures (General surgery, Obstetrics and gynae, ENT, Ortho)
209.	BOT	Advanced anaesthesia and PACU care
210.	BOPTOM	Environmental Science- I
211.	BOPTOM	Environmental Science- II
212.	BOPTOM	Eye diseases
213.	BOPTOM	Community optometry
214.	BOPTOM	Eye banking and OT management
215.	BMLT	Yogic science and techniques
216.	BMLT	Environmental Science - I
217.	BMLT	Environmental Science - II
218.	BMLT	Haematology & Clinical pathology - Applied
219.	BMLT	Quality Assurance in Clinical Biochemistry and Molecular Biology
220.	BMLT	Applied Microbiology and Advance techniques
221.	BMLT	Histology & Cytopathology - Advanced
222.	BMLT	Basic Biochemistry-1
223.	BMLT	General Bacteriology
224.	BMLT	Haematology & Clinical Pathology- Basics
225.	BMLT	Biophysics, Enzymology & Clinical Biochemistry
226.	BMLT	Instrumentation and Basic Immunology
227.	BMLT	Histology and Cytolopathology - Basics
228.	BMLT	Metabolisms and Vitamins
229.	BMLT	Systemic Bacteriology
230.	BMLT	Haematology & Blood Banking - Basics
231.	BMLT	Instrumentation in Biochemical analysis
232.	BMLT	Histology & Cytopathology - Advanced
233.	BMLT	General Parasitology
234.	BASLP	Neurology
235.	BASLP	Audiology
236.	BASLP	voice & its disorder
237.	BASLP	Speech sound disorder
238.	BASLP	Amplification devices
239.	BASLP	Clinical practical audiology
240.	BASLP	Motor speech disorder in children
241.	BASLP	child language disorder
242.	BASLP	Diagnostic Audiology-Behavioural test
243.	BASLP	Diagnostic Audiology-Physiological test
244.	BASLP	Implantable Hearing devices



245.	BASLP	Structural anomalies & speech disorder
246.	BASLP	Yoga Science and techniques
247.	MPT	Research Methodology and Biostatistics
248.	MPT	Exercise Physiology & Nutrition
249.	MPT	Neurological Disorders: Physiotherapeutic II
250.	MPT	Musculoskeletal Disorders: Physiotherapeutic I
251.	B. Sc. YSHH	Yoga Practical – I
252.	B. Sc. YSHH	Yoga Practical – II
253.	B. Sc. YSHH	Yoga Practical – III
254.	B. Sc. YSHH	Yoga Practical – IV
255.	B. Sc. YSHH	Yoga Practical – V
256.	B. Sc. YSHH	Yoga Practical – VI
257.	B. Sc. YSHH	Holistic Health Practical
258.	B. Sc. YSHH	Yoga Practical – VII
259.	B. Sc. YSHH	Yoga Practical – VIII
260.	B. Sc. YSHH	Ayurveda Practical
261.	B. Sc. YSHH	Fundamentals of Naturopathy
262.	B. Sc. YSHH	Yoga Practical – IX
263.	B. Sc. YSHH	Naturopathy Practical
264.	B. Sc. YSHH	Internship-I
265.	B. Sc. YSHH	Elective-I Fundamentals of Homeopathy
266.	B. Sc. YSHH	Elective-II Applied Alternative Therapies
267.	B. Sc. YSHH	Yoga Practical – X
268.	B. Sc. YSHH	Yoga Field Work
269.	B. Sc. YSHH	Internship-II
270.	B. Sc. YSHH	Foundations of Yoga-I
271.	B. Sc. YSHH	Principles of Hatha Yoga– I
272.	B. Sc. YSHH	Human Anatomy and Physiology-I
273.	B. Sc. YSHH	Human Anatomy and Physiology Practical-I
274.	B. Sc. YSHH	Foundations of Yoga-II
275.	B. Sc. YSHH	Principles of Hatha Yoga– II
276.	B. Sc. YSHH	Human Anatomy and Physiology-II
277.	B. Sc. YSHH	Human System According to Yoga
278.	B. Sc. YSHH	Human Anatomy and Physiology Practical-II
279.	B. Sc. YSHH	Patanjali Yoga Darshana – I
280.	B. Sc. YSHH	Yoga Education & Teaching Methodology
281.	B. Sc. YSHH	Holistic Health
282.	B. Sc. YSHH	Patanjali Yoga Darshana – II
283.	B. Sc. YSHH	Yoga Psychology
284.	B. Sc. YSHH	Yoga Diet & Nutrition
285.	B. Sc. YSHH	Fundamentals of Ayurveda
286.	B. Sc. YSHH	Bhagavad-Gita
287.	B. Sc. YSHH	Yoga Principles & Practices of Healthy Living
288.	B. Sc. YSHH	Fundamentals of Biochemistry
289.	B. Sc. YSHH	Generic Elective –I





290.	<b>B. Sc. YSHH</b>	Applied Astrology, Vastu Shastra & Holistic Healing Methods
291.	<b>B. Sc. YSHH</b>	Generic Elective –II
292.	<b>B. Sc. YSHH</b>	Applied Astrology, Vastu Shastra & Holistic Healing Methods
293.	<b>B. Sc. YSHH</b>	Human Values, according to different Philosophical system
294.	<b>B. Sc. YSHH</b>	Yoga Management of Lifestyle related disorders
295.	<b>B. Sc. YSHH</b>	Fundamentals of Environmental Science
296.	<b>M. Sc. Yoga Sciences</b>	Yoga Practical - I
297.	<b>M. Sc. Yoga Sciences</b>	Yoga Practical - II
298.	<b>M. Sc. Yoga Sciences</b>	Fundamentals of Ayurveda and Naturopathy
299.	<b>M. Sc. Yoga Sciences</b>	Yoga Practical - III
300.	<b>M. Sc. Yoga Sciences</b>	Yoga Practical - IV
301.	<b>M. Sc. Yoga Sciences</b>	Yoga and Alternative Therapy
302.	<b>M. Sc. Yoga Sciences</b>	Yoga Practical - V
303.	<b>M. Sc. Yoga Sciences</b>	Research Methodology & Statistics
304.	<b>M. Sc. Yoga Sciences</b>	Yogic Management of Diseases
305.	<b>M. Sc. Yoga Sciences</b>	Elective I - Holistic Health
306.	<b>M. Sc. Yoga Sciences</b>	Foundations of Yoga
307.	<b>M. Sc. Yoga Sciences</b>	Human Consciousness
308.	<b>M. Sc. Yoga Sciences</b>	Human Anatomy and Physiology-I
309.	<b>M. Sc. Yoga Sciences</b>	Principles of Hatha Yoga
310.	<b>M. Sc. Yoga Sciences</b>	Patanjala Yoga Darshana
311.	<b>M. Sc. Yoga Sciences</b>	Human Anatomy and Physiology-II
312.	<b>M. Sc. Yoga Sciences</b>	Essence of Upanishad
313.	<b>M. Sc. Yoga Sciences</b>	Yoga Psychology
314.	<b>M. Sc. Yoga Sciences</b>	Indian Philosophy
315.	<b>M. Sc. Yoga Sciences</b>	Elective for M.Sc. Elective I - Environmental Pollution and Human Health
316.	<b>M. Sc. Yoga Sciences</b>	Elective II - Applied Astrology, Vaastu Shastra & Holistic Healing Methods
317.	<b>M. Sc. Yoga Sciences</b>	Elective II - Basics of Computer
318.	<b>M. Sc. Yoga Sciences</b>	Case Study
319.	<b>M. Sc. Yoga Sciences</b>	Dissertation
320.	<b>B. Sc. Nursing</b>	Community Health Nursing I including Environmental Science & Epidemiology
321.	<b>B. Sc. Nursing</b>	Mental Health Nursing - II
322.	<b>B. Sc. Nursing</b>	Community Health Nursing - II
323.	<b>B. Sc. Nursing</b>	Nursing Foundation - I including First Aid Module
324.	<b>B. Sc. Nursing</b>	Applied Nutrition and Dietetics
325.	<b>B. Sc. Nursing</b>	Nursing Foundation – II including Health Assessment
326.	<b>B. Sc. Nursing</b>	Adult Health Nursing - I with integrated pathophysiology including BCLS module



327.	<b>B. Sc. Nursing</b>	Adult Health Nursing - II with integrated pathophysiology including Geriatric nursing + Palliative care module
328.	<b>B. Sc. Nursing</b>	Child health Nursing – I am including Essential Newborn care (ENBC), FBNC, IMNCI and PLS, modules
329.	<b>B. Sc. Nursing</b>	Mental Health Nursing I
330.	<b>B. Sc. Nursing</b>	Child Health Nursing - II
331.	<b>B. Sc. Nursing</b>	Nursing Management & Leadership
332.	<b>B. Sc. Nursing</b>	Midwifery/Obstetrics and Gynaecology (OBG) Nursing - I including SBA module
333.	<b>B. Sc. Nursing</b>	Midwifery/Obstetrics and Gynaecology (OBG) Nursing - I including Safe delivery app module
334.	<b>B. Sc. Nursing</b>	Community Health Nursing – 4 weeks
335.	<b>B. Sc. Nursing</b>	Adult Health Nursing – 6 weeks
336.	<b>B. Sc. Nursing</b>	Child Health Nursing – 4 weeks
337.	<b>B. Sc. Nursing</b>	Mental Health Nursing – 4 weeks
338.	<b>B. Sc. Nursing</b>	Midwifery – 4 weeks
339.	<b>Post Basic B.Sc. Nursing</b>	Community Health Nursing
340.	<b>Post Basic B.Sc. Nursing</b>	Mental Health Nursing
341.	<b>Post Basic B.Sc. Nursing</b>	Biochemistry & Biophysics
342.	<b>Post Basic B.Sc. Nursing</b>	Child Health Nursing
343.	<b>Post Basic B.Sc. Nursing</b>	Maternal Nursing
344.	<b>Post Basic B.Sc. Nursing</b>	Medical & Surgical Nursing
345.	<b>Post Basic B.Sc. Nursing</b>	Nursing Foundation
346.	<b>Post Basic B.Sc. Nursing</b>	Psychology
347.	<b>Post Basic B.Sc. Nursing</b>	Environmental Science
348.	<b>M.Sc. Nursing</b>	Clinical Specialty - I:(ii) Community Health Nursing
349.	<b>M.Sc. Nursing</b>	Clinical Specialty - II: (ii) Community Health Nursing
350.	<b>M.Sc. Nursing</b>	Nursing Management
351.	<b>M.Sc. Nursing</b>	Advance Nursing Practice
352.	<b>M.Sc. Nursing</b>	Clinical Specialty - I: (i) Child Health Nursing
353.	<b>M.Sc. Nursing</b>	Clinical Specialty - I: (iii) Medial Surgical Nursing
354.	<b>M.Sc. Nursing</b>	Clinical Specialty - I: (iv) Mental Health (Psychiatric) Nursing



355.	M.Sc. Nursing	Clinical Specialty - I: (v) Obstetrics & Gynaecological Nursing
356.	M.Sc. Nursing	Clinical Specialty - II: (i) Paediatric (Child Health) Nursing
357.	M.Sc. Nursing	Clinical Specialty - II: (iii) Medical Surgical Nursing II: Cardio Vascular & Thoracic Nursing
358.	M.Sc. Nursing	Critical Care Nursing
359.	M.Sc. Nursing	Gastro Enterology Nursing
360.	M.Sc. Nursing	Nephro - Urology Nursing
361.	M.Sc. Nursing	Neurosciences Nursing
362.	M.Sc. Nursing	Oncology Nursing
363.	M.Sc. Nursing	Orthopaedic Nursing
364.	M.Sc. Nursing	(iv) Psychiatric (Mental Health) Nursing
365.	M.Sc. Nursing	(v) Obstetrics & Gynaecological Nursing
366.	M.Sc. Nursing (NPCC)	Advanced Health / Physical Assessment
367.	M.Sc. Nursing (NPCC)	Advanced Pathophysiology & Advanced Pharmacology relevant to Critical Care
368.	M.Sc. Nursing (NPCC)	Advanced skills in Leadership, Management and Teaching Skills
369.	M.Sc. Nursing (NPCC)	Theoretical Basis for Advanced Nursing Practice
370.	M.Sc. Nursing (NPCC)	Critical Care Nursing – I
371.	M.Sc. Nursing (NPCC)	Critical Care Nursing – II
372.	M.Sc. Nursing (NPCC)	Foundation of Critical Care Nursing Practice
373.	B.Sc. (H) Biotechnology	Medical Biotechnology
374.	B.Sc. (H) Biotechnology	Food Fermentation Techniques
375.	B.Sc. (H) Biotechnology	Elective-III Food Biotechnology
376.	B.Sc. (H) Microbiology	Medical Microbiology
377.	B.Sc. (H) Microbiology	Immunobiology
378.	B.Sc. (H) Microbiology	Elective-II Molecular Diagnostics
379.	B.Sc. (H) Microbiology	Environmental Microbiology
380.	B.Sc. (H) Microbiology	Elective-Microbiological Analysis of Air and Water
381.	M.Sc. Biochemistry	Immunology
382.	M.Sc. Biochemistry	Molecular Endocrinology
383.	M.Sc. Biochemistry	Elective- Diagnostic Biochemistry
384.	M.Sc. Biochemistry	Practical Elective- Cancer Biology & Epigenetics
385.	M.Sc. Biotechnology	Immunology
386.	M.Sc. Biotechnology	Medical Biotechnology
387.	M.Sc. Biotechnology	Practical- Immunology
388.	M.Sc. Biotechnology	Practical- Medical Biotechnology
389.	M.Sc. Biotechnology	Elective-Vaccine development and production
390.	M.Sc. Microbiology	Elective-Infection and Immunity
391.	M.Sc. Microbiology	Elective-Epidemiology
392.	M.Sc. Microbiology	Elective-Medical Microbiology
393.	M.Sc. Microbiology	Practical Elective-Infection and Immunity



394.	M.Sc. Microbiology	Practical Elective-Medical Microbiology
395.	BBA	Spreadsheet Modelling Lab
396.	BBA	Business Policy & Strategic Management
397.	B. Com	Business Communication
398.	B.Com	Human Resource Management
399.	B.Com	Auditing & Assurance Practices
400.	MBA	Spreadsheet Modelling Lab
401.	MBA	Security Analyses and Portfolio Management
402.	B. Tech CSE	Yoga & Health
403.	B. Tech CSE	Sports & Activities
404.	B. Tech CSE	Open Elective II: Biology
405.	B.Sc. (H.) Data Science	Yoga & Health
406.	BCA	Yoga and Health
407.	BCA	Sports and Activities

### Extension and outreach activities

The University is deeply committed to community engagement through a wide range of outreach activities. These initiatives address diverse societal needs, including health awareness campaigns, free medical camps, and educational workshops in rural and underserved areas. Programs such as health check-ups, vaccination drives, and awareness sessions on lifestyle diseases, sanitation, and nutrition aim to improve the quality of life in local communities. Collaboration with NGOs, government bodies, and industry partners amplifies the impact of these efforts. Additionally, the University encourages active participation of students and faculty in these activities, fostering a culture of social responsibility and practical learning. These outreach programs align with the University's mission to contribute to societal well-being and sustainable development goals.

**Number of extension and outreach activities conducted in collaboration with industry, community Government and Non- Government Organizations engaging NSS/NCC/Red cross/YRC**

**Detailed program report for each extension and outreach program**

1.	Free Eye Camps on 2 June 2023	<a href="#">View document</a>
2.	Blood donation camp_14 Jun 2023	<a href="#">View document</a>
3.	Free Eye Camps on 22 June 2023	<a href="#">View document</a>



4.	Free Eye Camps on 15 July 2023	<a href="#">View document</a>
5.	Free Eye Camps on 1 August 2023	<a href="#">View document</a>
6.	BLS in IMA Activity Report_8 Sep 2023	<a href="#">View document</a>
7.	BLS training program_5 Oct 2023	<a href="#">View document</a>
8.	RIMC BLS Activity_23 Oct 2023	<a href="#">View document</a>
9.	Basic Life support training program_4 Nov 2023	<a href="#">View document</a>
10.	School Health Camp on 09 Jan 2023	<a href="#">View document</a>
11.	School Health Camp on 03 Feb 2023	<a href="#">View document</a>
12.	Learning Disability Clinic on 23 Feb 2023	<a href="#">View document</a>
13.	Comprehensive Primary Health Camp on 27 Feb 2023	<a href="#">View document</a>

### Focus on Women and Child Health

Improving women and child health has been a cornerstone of all health programs implemented by the Himalayan Institute Hospital Trust since its inception. Our large scale maternal and child health program, launched and successfully executed across the rural mountainous regions of the state, has played a pivotal role in both strengthening the existing health system and enhancing the quality of health services.

This comprehensive approach has led to significant advancements in maternal and child health indicators within the state. By focusing on accessible, quality healthcare and robust support systems, our programs have contributed to notable improvements in health outcomes for women and children, underscoring our commitment to fostering healthier communities and ensuring a brighter future for all.



## Maternal child health camps

The maternal health camps targeted regions with limited access to healthcare services and high maternal and infant mortality rates (MMR and IMR). The villages included in this initiative were Salempur, Teliwala, Alipur, Ibrahimpur, Khallateera, Hazaragrang, Anneki, Bongla, Rohalki, Jaswawala and Aurangabad in Haridwar district.



## Key Features of the Program

1. Regular Camp Schedule: Health camps were organized consistently every Wednesday and Saturday to ensure regular access to healthcare services.
2. Early Registration and Complete Checkups: Emphasis was placed on early registration of pregnant women and thorough health checkups.
3. Identification and Management of High-Risk Signs: Special attention was given to identifying and managing high-risk signs in pregnant women.

## Services Provided

- Screening: Comprehensive health screenings were conducted.
- Growth Monitoring: Regular monitoring of fetal growth and maternal health.
- Vital Measurements: Blood pressure (BP), blood sugar (sugar), and hemoglobin (HB) levels were measured.
- Fetal Monitoring: The fetal heart sound was monitored using a Doppler device.



- Supplement Distribution: Distribution of Iron Folic Acid (IFA) tablets and calcium supplements.
- Counselling: Nutritional and general care counseling was provided to the women.

### Impact

- Attendance: A total of 1,828 pregnant and lactating women benefited from the services offered in 72 camps.

These camps played a vital role in improving maternal and infant health in these communities by providing essential medical services and education in areas with limited healthcare access.

### Home visits

Home visits were conducted for 2,958 pregnant and lactating women to monitor the health of both mother and child. Health supervisors evaluated their health and provided counseling on various aspects of maternal and childcare, including:

- Proper care during pregnancy, delivery, and post-delivery
- Care of newborns
- Family planning services

During the visits, the women, along with their husbands and family members, were informed about:

- The importance of complete health checkups
- A balanced diet for maternal and infant health
- Institutional deliveries
- Colostrum feeding
- Exclusive breastfeeding
- Complementary feeding practices
- Identifying high-risk signs and ensuring timely referral
- Ensuring the intake of iron, folic acid (IFA), and calcium supplements · Raising awareness



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3 GOOD HEALTH  
AND WELL-BEING



about family planning options

This comprehensive approach aimed to improve maternal and child health outcomes through preventive care and education.





### Special care for high-risk cases

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



### Early Screening: ASHAs

#### Transport facility provided to pregnant women

(Accredited Social Health Activists) received special training to recognize signs and symptoms of high-risk pregnancies for timely intervention.

**Medical Support:** The women were provided with transportation, diagnostic tests, treatment, and nutrition supplements

**Nutrition Kits:** Pregnant women with hemoglobin levels below 7 gm were given nutrition kits to help improve their health.

**Transport Facilities:** For those facing financial barriers, transport to higher level health facilities was arranged.

**Continuous Monitoring:** ASHAs and field supervisors maintained close monitoring

throughout pregnancy and the postpartum period to ensure access to necessary services and support.





# स्वामी राम हिमालयन विश्वविद्यालय Swami Rama Himalayan University

This approach emphasizes the importance of early detection and consistent support to improve maternal health outcomes in high-risk cases.

## Village Health Sanitation and Nutrition Days (VHSNDs)

### The Village Health Sanitation and Nutrition Days

(VHSNDs) play a crucial role in promoting health awareness and providing essential services to women and children, particularly from marginalized and vulnerable communities. Held once a month on Saturdays, these events aim to foster healthy behaviors and improve access to nutrition and primary healthcare. Key activities and outcomes include:

**Health Awareness and Services:** VHSNDs raise awareness about the health facilities available at the village and higher levels, encouraging villagers to adopt healthy practices.

- **Targeted Healthcare:** Special focus is placed on providing nutrition and primary healthcare services, particularly for women and children from vulnerable groups.

- **Health Camps and Counseling:** These events are strengthened by conducting health camps and offering counseling on nutrition, family planning, and other health issues

- **Community Mobilization:** ASHAs and field supervisors actively engage the community, encouraging participation in VHSNDs to learn about available services

- **Nutrition Support:** Additional nutrition interventions are implemented through the distribution of millet-based laddoos to pregnant women, ensuring they receive essential nutrients. These laddoos are prepared by a local Self-Help Group and consumed during VHSND sessions



- **Participation:** A total of 2,131 pregnant women participated in the VHSNDs,

benefiting from the nutrition and healthcare services provided. These efforts contribute to



## स्वामी राम हिमालयन विश्वविद्यालय Swami Rama Himalayan University



improving maternal and child health outcomes and promoting sustainable healthy behaviors at the community level **Breast Cancer Screening: Thermalytix an AI based technology**

The introduction of Thermalytix, an AI based breast cancer screening technology, has brought a new dimension to early detection and awareness efforts. Breast cancer remains a significant health challenge globally, and early detection is crucial for improving outcomes. Traditional screening methods like mammography have limitations, particularly in resource-constrained areas. However, the **Mythri Thermalytix** tool, developed by Niramai, offers a **cost-effective, automated, mobile, and non-invasive** alternative that could significantly improve breast cancer screening efforts **Key Features of Thermalytix:**

- **Cost-effective and precise** breast cancer screening

- **Automated, radiation-free, and non-touch** detection, making it a more accessible and painless option for women
- . Utilizes **patented machine learning algorithms** to detect breast cancer with accuracy

### **Pilot Program:**

This innovative technology was piloted in collaboration with the **Cancer Research Institute (CRI)** and **Swami Ram Himalayan University**, targeting the districts of Haridwar, Dehradun, and Pauri. The project combined **screening with counseling sessions**, focusing on early detection and awareness

### **Community and Healthcare Workers Involvement**

- **Orientation for ASHAs and Anganwadi workers** was conducted to enhance their ability to detect breast cancer symptoms early in their communities



- **Holistic health practices**, like Makrasana, were introduced to promote stress relief and hormonal balance, contributing to overall women's health. This initiative also tied into the



**World Cancer Day theme of 'Closing the Gaps,'** emphasizing the importance of reducing disparities in cancer detection and treatment access through innovative technologies like Thermalytix and community level engagement. The program's results highlight the potential of AI-based screening in improving early detection, especially in underserved populations.

### **Menopause Outreach Clinics**

The **Menopause Outreach Clinics** initiative addresses a critical gap in women's health, particularly in underserved regions. Menopause, which typically occurs in women between their late 40s and early 50s, is often overlooked in health care despite its significant physical and emotional impact. Recognizing this, the **RDI** (likely referring to a health-focused organization) initiated a pilot study in the underserved areas of the Yamkeshwar block, located in Pauri Garhwal district. This project involved 11 clinics that screened 193 women, of which 126 were diagnosed with post-menopausal





syndrome. The clinics included medical doctors, yoga professionals, and trained nurses who were skilled in communication and counseling to offer comprehensive care.

Key services provided through these outreach clinics include

1. **Gynaecological services and health check-ups** – Women are examined for physical symptoms of menopause, which vary widely and can include hot flashes, sleep disturbances, and hormonal imbalances.
2. **Education on menopause** – Women are taught about the natural changes in their bodies during menopause, helping them better understand and manage their symptoms.
3. **Holistic treatments** – Lifestyle interventions such as dietary counseling, the use of natural remedies (local herbs and spices), and pharmacological treatments are provided, tailored to individual needs.
4. **Mental health support** – Counseling and therapy services are offered to help women cope with emotional challenges and mental health concerns like anxiety or depression that can accompany menopause.
5. **Yoga-based intervention** – Yoga has been emphasized for its effectiveness in reducing stress, improving physical fitness, and promoting overall wellbeing, making it a key component of the treatment approach.

