

Advanced criteria: Research

Sub Criteria 3.2

Research Proposals (Only external funding)

S.No	Name of the faculty investigator(s)	Title of the project	Date of submission of the proposal (last 3 years only)	Date of acceptance of the proposal	Sanctioned amount (last 1 year only)	Evidence link
1	Dr AK Srivastava, Dr Rakhee Khanduri, Dr Rajeev Bijalwan, Dr Branali Kakkati, , Dr Nikku Yadav	Effectiveness trials of Flu and Pneumococcal Vaccines for elderly populations	30.12.2023			Click Here
2	Dr Nikku Yadav, Dr Durga Toshniwal, Mr Abhinav Bahuguna, Ms Akanksha Uniyal	AI assisted health care database: Text-To-Text LLM based screening	31.03.2023			Click Here
3	Dr Aarti Kotwal, Dr Nikku Yadav, Dr Rajeev Bijalwan, Dr. Smita Chandra, Dr Varuna Jethani, Dr.Arpana Singh	Expanding AMR in the secondary level hospitals	30.05.2024			Click Here

4	Dr. Rakhee Khanduri, Pulmonary Medicine, HIMS, SRHU, Dr. Rajeev Bijalwan, Dy Director, RDI, HIHT Dr. Aarti Kotwal, D/o Microbiology, HIMS, SRHU Dr. Nikku Yadav, Clinical Trial Unit, Community Medicine, SRHU Dr. Neha, Community Medicine, HIMS, SRHU, Dr. Ramendra Pandey, UPES, Dehradun	Assessment of nutritional supplementation on incidence of TB in the Healthy Household Contacts of Pulmonary TB Index cases in Himalayan Hospital, Dehradun and its field unit at Haridwar in Uttarakhand and elucidating host factors	28.02.2024			Click Here
5	Dr Renu Dhasmana, Dr Rashma Kaushik, Dr Nikku Yadav	To study, understand and discover the predictive or prognostic biomarker of early and late onset of diabetic retinopathy in a clinical setting; and through the development of appropriate animal/non animal models.	30.05.2024			Click Here
6	Dr Jayanti Semwal, , Dr. Rajeev Bijalwan, Dy Director, RDI, HIHT, Dr Nikku Yadav, Dr Ankit Batra, Ms Akanksha Uniyal, Dr Ashwani Bhat, Dr Deepti Nagrath	EOI Intent	25.06.2024			Click Here

7	Dr Nikku Yadav, Dr Ruchi Juyal	Ensuring integrity in healthcare: good clinical Practice & medical ethics f.no. R.12016/10/2024-hr /e-office :8292790 dt 24 sept 2025	30.06.2024			Click Here
8	Dr Bindu Dey , Dr Nikku Yadav	Field Validation category. The proposal reference number is BT/TEMP24887/EDGE-01/25	23.02.2025			Click Here
9	Dr Pradeep Vashney Dr Nikku Yadav Dr Vikas Jadon Dr Arti Bisht Dr Smita, Dr Rajeev Bijalwan	S & T Enabled Pathway for Sustainable Livelihoods and Integrated Rural Development in Uttarakhand using Hitech farming: कृषि नवाचार	30.04.2025			Click Here
10	Dr. Nikku Yadav, Dr Deep Shikha, Dr Rakhee Khanduri,	Convergence of two epidemics in two blocks of dist Dehradun (Uttarakhand): Tuberculosis and Diabetes	20.06.2025			Click Here
11	Dr. Gunjan Chhabra, Dr. Shive Preet	Empowering Rural Youth through Digital Literacy and Cybersecurity Awareness: A Cross-Border Educational Initiative between India and Bhutan	18.04.2025			Click Here

12	Dr. Anupama Mishra, Ms. Neelam Danu	AI-Driven Analytical System for Response of Women on Health Care Issues – Maternal Care and Nutrition in Uttarakhand Hills, Tehri District	05.07.2025			Click Here
13	Dr. Shive Preet, Dr. gunjan Chhabra	Empowering Uttarakhand's Youth: An Intelligent Interview Assistant Using AI and Natural Language Processing	05.07.2025			Click Here
14	Dr Ashutosh Kumar Choudhary, Mr Nitesh Kaushik, WATSAN Dr Nikku Yadav, HIMS Mr Vivek Anand, RDI	Health hazards and community health due to climate change in four dist. of Uttarakhand: Haridwar, Chamoli, Ruderprayag & Uttarkashi	05.11.2024			Click Here
15	Dr Ashutosh Kumar Choudhary, Dr. Shaili Vyas, HIMS Dr. Abhay Srivastava, HIMS Dr. Neha Sharma, HIMS Dr. Geeta Bhandari, SBS Dr. Rakhee Khanduri, HIMS Dr. Sanjoy Das, HIMS, (Advisor) Dr Jayanti Semwal, HIMS (Advisor)	Environmental Health: Risks, Impact and Policy: A Comprehensive Training Module	20.06.2024			Click Here

16	Dr. Saloni Malik, Dr. Rakhee Khanduri, Dr. Bindu Dey, Dr. Abha Shrivatsava	Assessment of Lung Function and Immune Profile in PTLD cases through PR with yogic breathing Exercises: A Single arm logitudnal study	01.01.2025	25.07.2025	47,69,820.00	Click Here
17	Dr. Mala Tripathi, Dr. Subodh Saurav Singh, Dr. Ashutosh Kumar Choudhary	Indian Knowledge System & Environment	20.05.2025			Click Here
18	Dr. Anupama Mishra	A machine learning approach to analyse cyber literacy and preventing cyber crime against women in Haridwar district of Uttarakhand, India	10.11.2024			Click Here
19	Dr Satish Uniyal, Dr. Anurag Rawat, Dr. Kunal Gururani	Evaluation of radiation doses in cardiac catheterization laboratories of Uttarakhand and establishment of dose reference levels for interventional cardiology procedures	22.09.2021	07.06.2022	8,05,000.00	Click Here

20	Dr. Rajeev Bijalwan Co-PI Dr. Deep Shikha Dr. Ruchira Nautiyal Dr. Anil Rawat Dr. Vidisha Vallabh Dr. Enas Mushtaq Dr. Sanobar Wasim Dr. Rajkumari Sylvia Devi Dr. Kanchan Bala	SANKALP: Strengthening Program Implementation and Monitoring to achieve Single Digit Neonatal Mortality	30.09.2023	15.03.2024	5,12,64,647.00	Click Here
21	Dr. Bindu Dey, Dr. Smita Dimri, Dr. Arti Bisht, Dr. Sanjay Gupta, Dr. Nikku Yadav	Sustainable Smart Proteins: Integrating Green Leaf Proteins with Millets & Pseudo-Cereals for Innovative Ready To Cook (RTC) & Ready To Eat (RTE) Food Formulations	25.03.2025			Click Here
22	Dr. Bindu Dey, Dr. Smita Dimri	Development of Ready-to-eat Functional Foods for TB and Cancer Patients for better Health Outcomes	07.10.2025			Click Here
23	Dr. Divya Anthwal, Dr. Rakhee Khanduri	Identification of resistance associated markers of newer anti-TB drugs (BPAL regimen) and the correlation of genotypic mutations with phenotypic resistance in <i>Mycobacterium tuberculosis</i> (Project ID-SUG-2024-1085).	29.01.2025	25.07.2025	47,95,900.00	Click Here

24	Dr Neeraj Gupta, Dr Shikhar Aggarwal	To develop a population based, noninvasive, early detection cancer screening male urinal prototype by quantitation of native nucleic acids in urine using UV spectroscopy. Proposal Id: IIRPSG-2024-01-00227,	05.02.2024	Not successful		Click Here
25	Dr. Divya Anthwal, Dr. Barnali Kakati, Dr. Sonika Aggarwal	Development of a novel CRISPR-Cas12a-based diagnostic platform for ESKAPE pathogens and associated antimicrobial resistance in sepsis patients (CASPR).	30.03.2025	Awaited		Click Here
26	Dr. Divya Anthwal, Dr. Rakhee Khanduri	Novel bio-safe filter-based kits for sample transport: a cost-effective approach towards increasing access to testing and improving TB and drug resistance detection in paucibacillary pulmonary tuberculosis in adults and children.	14.05.2025	Awaited		Click Here
27	Dr. Barnali Kakati, Dr. Divya Anthwal, Dr. Rajendra Singh, Dr. Gunjan Chhabra	Development of an AI Model for Automated Gram Stain Prediction and STEM Education and Capacity Building	06.07.2025	Awaited		Click Here

28	Dr Nupur Joshi, Dr sanjay Gupta, Dr Bindu Dey, Dr Geeta Bhandari, Dr Vikash Singh Jadon, Dr Anupama Mishra, Dr Gourav Kumar, Dr Samiksha Joshi, Dr megha Sharma, Dr Ruchi Juyal and Dr Nikku Yadav	Bioinformatics and Artificial Intelligence in Healthcare and Disease Modelling	20.06.2025	Awaited		Click Here
29	Mr. Nitesh Kaushik, Dy. Director, WATSAN, Mr. Vivek Anand, Dy. Manager, WATSAN, Mr. Rajkumar, Asst. Manager, WATSAN, Mr. Atul Uniyal, Scientist, WATSAN, Dr Ashutosh Kumar Choudhary, Environmental Specialist, SST	Social & Environmental Audits for STPs under Namami Gange	06.11.2024	26.12.2024	18,38,025.00	Click Here

30	Prof. Harshpait Uniyal, Advisor, Mr. Nitesh Kaushik, Dy. Director, WATSAN, Er. Dharmendra Kumar Singh, GM (HQ), Uttarakhand Jal Sansthan, Er. Atul Uniyal, Scientist, WATSAN	Affordable Climate-resilient Water Supply Infrastructure Prototype for Indian Himalayan Region	30.10.2024	29.03.2025	1,01,00,000.00	Click Here
31	Mr. Nitesh Kaushik, Dy. Director, WATSAN, Prof. Harshpait Uniyal, Advisor, Er. Dharmendra Kumar Singh, GM (HQ), Uttarakhand Jal Sansthan, Er. Atul Uniyal, Scientist, WATSAN, Er. Karan Singh, Civil Engineer, WATSAN, Mr. L.S. Bisht, Social Expert, WATSAN	Community Managed Water Governance in the Himalayan villages via Participatory Action Research - Community Labs	15.06.2025	Under Scrutiny		Click Here

32	Dr. Sumit Sen, IIT Roorkee, Prof. H.P. Uniyal, Advisor, Mr. Ashutosh Sharma, Mr. Nitesh Kaushik, Dy. Director, WATSAN, Ms. Neelima Garg	Innovative and Sustainable Aquifer Rejuvenation through Direct Injection of Rainwater in the Hilly Regions	23.09.2025	Not sanctioned		Click Here
33	Dr. Juhi Kalra, Professor, Department of Pharmacology, HIMS, Dehradun	Implementation of standard treatment workflows (STWs) to improve adherence to the guidelines in the setting of a district hospital under District Residency Program of NMC 2021	23.05.2025	23.06.2025		Click Here
34	Dr Gourav Kumar, Dr. Vikash S Jadon, Dr. Geeta Bhandari, Dr. Sanjay Gupta, Dr Nupur Joshi	Preclinical Collaborative study	01.02.2025	01.06.2025	5,50,000.00	Click Here
35	Dr Gourav Kumar, Dr Smita Chandra, Dr Ushman Md Siddiqui, Dr. Madiwalesh Chhebbi, Dr. Vikash S Jadon, Dr. Geeta Bhandari, Dr. Sanjay Gupta	Integrative Approaches for Early Detection and Targeted Therapy Development in Triple-Negative Breast Cancer among clinical and biological researchers	01.11.2024			Click Here

36	Dr. Gourav Kumar, Dr. Smita Chandra, Dr. Priya Ramakrishnan, Dr. Nirupa Ramakumar, Dr. Nirupa Ramakumar, Dr. Manisha Pattanayak	Unveiling the effect of analgesic combinations for pain scores and pain biomarkers in Breast cancer Surgery patients	01.03.2025			Click Here
37	Dr Gourav Kumar, Dr. Kiran Ambatipudi, Dr Pushpendra Singh, Dr Smita Chandra, Dr Manisha Pattanayak, Dr Vikash Singh Jadon, Dr Nikku Yadav, Dr Bindu dey, Dr. Sanajay Gupta	Translational research using GenomeIndia Project Data	01.03.2025			Click Here
38	Dr. Sunil Saini - Director, CRI	Hospital Based Cancer Registries in India			8,00,000.00	Click Here
39	Dr. Vinit Mehrotra	Hygiene practices and associated risk factors for Urinary tract infections among school going adolescents of district pauri & Tehri Garhwal			9,44,000.00	Click Here

40	Dr. Jayanti Semwal	ICMR Task Force study on Epidemiology of Chronic Respiratory Illness in Select Population Groups in India (CRISPI)			1,41,78,978.00	Click Here
42	Dr. Deepak Goel	National Stroke Care Registry Programme: Development of Hospital Based Stroke Registries in different Regions of India		01.07.2024	5,00,000	Click Here
43	Dr. Nikku Yadav	Ensuring Integrity in Healthcare: Good Clinical Practice and Medical Ethics Training		25.09.2024	43,07,500	Click Here
44	Dr Yogesh Saxena	Genotype Variations and Cytokines in Spectrum of Dengue Infection	04.09.2022	06.07.2022	9,37,500.00	Click Here
45	Dr. Bindu Day	Seminar on Antimicrobial Resistance (AMR): Research Priorities & Action Plan		20.02.2024	2,00,000.00	Click Here
46	Dr. Bindu Day	Antimicrobial resistance (AMR): Research Priorities & Action Plan		14.03.2024	1,50,000.00	Click Here
47	DR RAKHEE KHANDURI	Assessment of effectiveness of Flu and Pneumococcal vaccination on elderly population at a Tertiary Hospital and Community: A Randomized Control Trial	08.05.2025			Click Here

48	Dr. Priyank Purohit	Synthesis and in-vitro evaluation of Hybrid NO releasing "V- shaped" COX-2 selective anti-cancer agent via click modification of a natural anti-tumor sulfated polysaccharide.	29.03.2025			Click Here
49	Dr. Ganesh Bhatt	Development and Characterization of Carrageenan- 6-Gingerol herbal based nanoparticles with a customized meter dose inhaler for lung cancer and chronic respiratory diseases.	29.03.2025			Click Here
50	Dr. Priyank Purohit	Development of Eco-Friendly Menstrual Pads Using Nettle-Based Natural Fibers and Polymers for Sustainable and Inclusive Menstrual Hygiene Management	07.03.2025			Click Here
51	Dr. Arvind Singh Farswan	"Assessment of Healthcare Accessibility among Women and Children in Hilly Regions of Rural Uttarakhand: Challenges and Potential Solutions"	07.04.2025			Click Here

52	Dr. Raghav Dixit	Development of Nano-loaded Quinazoline Derivative Matrix System by Using Different Millet's Starch Found in Uttarakhand as Binding Agent for Treatment of Nonmelanoma Skin Cancer (NMSC)	07.04.2025			Click Here
53	Dr Ujjwal Nautiyal	“From Forest to Pharmacy: Development of Antifungal Gel using Underutilized Plants of Uttarakhand”	07.04.2025			Click Here
54	Dr. Subodh Saurabh Singh & Dr. Abha Shrivastava	Yoga for holistic health: Bridging Traditional Health Practices with Modern Medicine	20.05.2025			Click Here
55	Dr. Mala Tripathi, Dr. Subodh Saurabh Singh, Dr. Sonam Bhadauria, Dr. Monika Pthania, Dr. Rudra Bhandari, Mr. Rahul Baloni, Ms. Nisha Yadav	"Exploring the Potential Effects of the Gayatri Mantra on Dyscalculia, Cognitive Function, and Physiological Changes Among Primary School Students in Uttarakhand: A Longitudinal Study"	20.05.2025			Click Here
56	Dr. Gourav Kumar, Co-PI	Peptide engineering towards enhancing the flavonoid synthesis in Millettia pinnata for combating cancer at molecular level.	21.07.2025			Click Here

57	Dr Kunal Gururani	: A randomized, double-blind, placebo-controlled multicenter study to evaluate the effect of inclisiran on preventing major adverse cardiovascular events in high-risk primary prevention patients (VICTORIAN-1 PREVENT)	10.07.2023			Click Here
58	Dr Ankit Batra	A Phase III, Open-Label, Randomized Study to Assess the Efficacy and Safety of Camizestrant (AZD9833, a Next Generation, Oral Selective Estrogen Receptor Degradar) Versus Standard Endocrine Therapy (Aromatase Inhibitor or Tamoxifen) as Adjuvant Treatment for Patients with ER+/HER2- Early Breast Cancer and an Intermediate-High or High Risk of Recurrence Who Have Completed Definitive Local regional Treatment and Have No Evidence of Disease	03.05.2024			Click Here

59	Dr Kunal Gururani	A Randomized, Double Blind, placebo controlled, multicenter trial, assessing the impact of inclisiran on major adverse cardiovascular events in participants with established cardiovascular disease (VICTORION-2 PREVENT)	24.04.2023			Click Here
60	Dr Hemant Kumar Nautiyal	“Effects of Advanced Trauma Life Support Training Compared to Standard Care on Adult Trauma Patient Outcomes: A Cluster Randomised Trial”	28.01.2025			Click Here
61	Dr Ankit Batra	A Phase IV multi-centric, post-marketing study evaluating the safety, immunogenicity and efficacy of the marketed formulation of hetero–trastuzumab in female patients with HER2+ breast cancer.	03.05.2024			Click Here
62	Dr Nand Kishore	A post marketing surveillance study to assess safety and tolerability of Liposomal Amphotericin B Injection (GUFISOME) in patients with Invasive Fungal Infection who are refractory to or intolerant of conventional Amphotericin B therapy	15.03.2024			Click Here

63	Prof Sanjiv Kumar Verma	A randomized, 2-arm, Phase 3 study of Elranatamab (PF-06863135) versus Lenalidomide in patients with newly diagnosed Multiple myeloma after undergoing antilogous stem-cell transplantation.	14.07.2023			Click Here
64	Prof Sanjiv Kumar Verma	A Phase 3, Prospective, Randomized, Multi-center, Comparative, Double blind, Parallel-group study to investigate the efficacy, safety and pharmacokinetics of ZRC-3276 versus Opdivo (Nivolumab) in subjects with locally advanced or Metastatic non small cell lung cancer	09.03.2023			Click Here
65	Dr Yogesh Preet Singh	Comparative pharmacokinetic, pharmacodynamic safety, efficacy and immunogenecity study of VBRTXM01 (Virchow Rituximab) versus Ristova (Roche Rituximab) in patients with Rheumatoid Arthritis	14.07.2023			Click Here

66	Dr Renu Dhasmana	A Phase III Prospective, Randomized, Open-labelled, Blinded endpoint (PROBE), Multi-centric, Parallel Group, Non-inferiority Study to compare the Efficacy and Safety of GBL1204 with Ranibizumab in Patients with Wet Age-Related Macular Degeneration (PROMISES Study)	21.02.2025			Click Here
67	Dr Resma Kaushik	A Phase IV, open label, clinical trial to assess safety and efficacy of Fexofenadine HCl + pseudoephedrine HCl fixed dose combination in Indian participants with allergic rhinitis (AR) who are 12 years and above (FAST trial).	09.07.2025			Click Here
68	Dr. Srishti Dora	Epidemiological Assessment of Breast Cancer among Urban and Rural Women of Uttarakhand: A Focus on impact of Breast Density, Hormones, Lifestyle and Environmental Influences	07.03.2025			Click Here
69	Dr. Bindu Dey	Microbiome & the Biotic Family R & D Leading to Clinical & Commercial Implications		09.10.2025	3,00,000.00	Click Here
70	Dr. Bindu Dey	Financial Assistance for CTEP Conference		17.09.2025	3,00,000.00	Click Here
71	Dr. Bindu Dey	Organizing IPR		17.10.2025	1,00,000.00	Click Here

