

**Swami Rama Himalayan University**

**INTRAMURAL RESEARCH PROJECTS- 2023 (Completed)**

S. N o.	Title of Research Project		Principal Investigator	Co-investigator(s)	Funding Agency	Duration
<b>HIMALAYAN INSTITUTE OF MEDICAL SCIENCES (HIMS)</b>						
S.N o.	Name of Faculty/ Institute	Title of Research Project	Principal Investigator	Co-investigator(s) with designation	Funding Agency	Duration
1	HIMS	Effect of implementation of an eye care bundle on incidence of exposure keratopathy in intensive care unit of tertiary care center in north India	Dr. Sonu Sama Dr. Ritika Abrol- Medicine	Dr. Renu Dhasmana Dr. Neha Sharma	SRHU	06 months
2	HIMS	An observational study to compare external radiation exposure rate of patients receiving low dose radioiodine (I-131) therapy for thyrotoxicosis and remnant ablation on OPD basis at tertiary care hospital of Dehradun.	Dr. Nisha Bhatia	Dr. Pulkit Mittal Prof. Sunil Saini	SRHU	01 Month
3	HIMS	Effects of vibrations assisted conscious breathing intervention on stress induced anxiety using wearable mindfulness enhancing device	Dr. Neeraj Gupta	-	SRHU	01 Year
4	HIMS	Osteometric study of third cervical vertebrae to seventh cervical vertebrae of adult human	Dr. Kishore Chandra Thakur	Dr. S. L Jethani	SRHU	18 months
5	HIMS	Prospective observational study of gastric emptying time in newborns and comparison of gastric emptying time in between appropriate for gestational age and small for gestational age newborns	Dr. Ankit Jain(Post-Doctoral Fellow)	Dr. Girish Gupta Dr. Saikat Patra	SRHU	03 months
6	HIMS	Availability of neonatal and paediatric surgical apps on smart phone app stores- an observational study	Dr. Aisha Naaz	Dr. Saikat Patra Dr. Chinmay Chetan Dr. Girish Gupta	SRHU	01 month
7	HIMS	Use of off label drugs in COVID 19: Clinicians' Perceptions	Dr. Taruna Sharma	Anubha Sagar (MBBS Student)	SRHU	06 months
8	HIMS	Early postoperative outcome of esophagectomy after neoadjuvant chemotherapy for carcinoma esophagus and gastroesophageal junction	Dr. Chiranjit Mukherjee	Dr. Sunil Saini Dr. Anshika Arora Dr. Saurabh Nandi	SRHU	03 months
9	HIMS	A prospective observational study on neck lymph node mapping in oral cancers using methylene blue dye	Dr. Chiranjit Mukherjee	Dr. Sunil Saini (Guide) Dr. Anshika Arora(Co-Guide)	SRHU	12 months
10	HIMS	Prevalence and Etiological Factor of Hearing Impairment among School Going Children in Rural Areas	Dr. S.S.Bist	Dr. Lovneesh Kumar, Dr. Saurabh Saini	SRHU	12 Months
11	HIMS	Anaesthetic management Method in guillain-barré syndrome undergoing total hip replacement	Dr. Veena Asthana,	Dr. Rohan Bhatia, Dr. Medha Bhardwaj	SRHU	12 Months
12	HIMS	"HimGiriTal" is an Innovative tool for measuring forehead pulse oximetry using peripherally placed transmittance pulse sensor in newborns in low middle income countries	Dr. Girish Gupta	Dr. Talha Rehman,	SRHU	12 Months
13	HIMS	"GiriSuraj" An Innovative Solar flux based Home Phototherapy Unit for Management of Neonatal Jaundice in low middle income countries.	Dr Girish Gupta	Dr. Suraj Kumar Singh,	SRHU	06 Months

14	HIMS	"HimGiriNaaz - An innovative, neonatal transporter unit for short duration transport"	Dr. Girish Gupta	Dr. Aisha Naaz,	SRHU	06 Months
15	HIMS	"GiriSurya" An innovative gastric tube and ancillaries Holder for neonates being cared inside incubator.	Dr. Girish Gupta	Dr. Suraj Kumar Singh	SRHU	06 Months
16	HIMS	Gastric Tube Holder	Dr. Girish Gupta	Mr. Deepak Sharma Dr. Chinmay Chetan	SRHU	09 Months
17	HIMS	Vesical Cystotomy Mannequin	Dr. Girish Gupta	Dr. Sohini Ghosh Dr. Saikat Patra	SRHU	06 Months
18	HIMS	Intraluminal Dosimetry Slab Phantom	Mr. Ravi Kant	--	SRHU	12 Months
19	HIMS	An abdominal collapsible multi-position retractor device with a variable adjustable lockable mechanism	Dr. Sunil Saini	Dr. Anshika Arora, Dr. Sourabh Nandi, Dr. Chandra Shekhar Nautiyal	SRHU	12 Months
20	HIMS	Intravaginal Slab Phantom With Air-Pockets	Dr. Jyoti Bisht	Dr. Satish Uniyal, Dr. Sunil Saini, Dr. Mushtaq Ahmed,	SRHU	06 Months
21	HIMS	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	Dr. Rajender Singh	Dr. Garima Mittal Dr. Abhay Srivastava , Mr. Yogesh Kumar	SRHU	06 Months
22	HIMS	Effect Of Single Bout Of Whole Body Vibration Therapy On Hamstring Flexibility In Subjects With Knee Osteoarthritis	Dr. Praveen Rawat	Dr. Abhay Srivastava Ms. Tanvi Bhatt	SRHU	04 Months
23	HIMS	Assessment of Health Problems among Brick Kiln Factory Workers in a District of Uttar Pradesh -A Cross Sectional Study	Dr. Ruchi Juyal	Ms. Swati Sharma Dr. Sudeep Bhattacharya Dr. Deep Shikha	SRHU	03 Months
24	HIMS	The upsurge of mucormycosis at a tertiary care centre in Himalayan region, North India during the second wave of covid-19	Dr. Rajender Singh	Dr. Garima Mittal, Dr. Barnali Kakati, Dr. Nupur Koul	SRHU	06 Months
25	HIMS	A Study Of The Bacteriological Profile Of Chronic Osteomyelitis In A Tertiary Care Referral Centre: A Contemporary Study	Dr. Chetan Peshin	Dr. Arjun Prabhu Sharma, Dr. Barnali Kakati,	SRHU	03 Months
26	HIMS	Skin Prick Test In Naso-Bronchial Allergies: A Cross Sectional Study	Dr. Rakhee Khanduri	Dr. Manvendra Garg, Dr. Sushant Khanduri, Dr. Manoj Kumar,	SRHU	04 Months
27	HIMS	Triple co-infection involving Dengue Fever, Scrub Typhus and Acute Brucellosis - a rare and surprising entity."	Dr. Naveen Kumar Rajput	Dr. Ritika Abrol, Dr. Manaswi Kalra	SRHU	03 Months
28	HIMS	Study Of Clinico-Radiological Profile of Patients With Spinal Tuberculosis	Dr. Rakhee Khanduri	Dr. Shivam Shinha, Dr. Ranjit Kumar, Dr. Anil Juyal	SRHU	03 Months
29	HIMS	Pattern Of Otorhinolaryngologic Diseases In Geriatric Population	Dr. S. S. Bist	Dr. Himani Singh, Dr. Vinish Kumar Agarwal	SRHU	06 Months
30	HIMS	A Study Of Ocular Manifestations In Children With Developmental Delay	Dr. Amit Maitreya	Dr. Manish Kumar, Dr. Renu Dhasmana, Dr. Sanobar Wasim	SRHU	04 Months
31	HIMS	Clinicopathological Study Of Salivary Gland Tumors In Tertiary Care Teaching Hospital	Dr. S. S. Bist	Dr. Himani Singh, Dr. Lovneesh Kumar, Dr. Anuradha Kusum	SRHU	03 Months

32	HIMS	Study Of Mastoid Antral Changes In Tubotympanic Chronic Supportive Otitis Media	Dr. Lovneesh Kumar	Dr. Rishabh Padda, Dr. Sampan Singh Bist, Dr. Vinish Agarwal,	SRHU	06 Months
33	HIMS	Forehead Pulse Oximeter Headband	Dr Girish Gupta	Dr Talha Rehman,	SRHU	6 Months
34	HIMS	Anterior Segment Optical Coherence Tomography Study Of Pterygium In Conjunctival – Limbal Autograft Transplantation	Dr. Harsh Bahadur	Dr. Shivali Yadav, Dr. Sukhdeep Bains, Dr. Renu Dhasmana	SRHU	03 Months
35	HIMS	Pre-Operative Predictors Of Ossicular Status In Chronic Supportive Otitis Media	Dr. Vinish Kumar Agarwal	Dr. Swati Pant, Dr. Sampan Singh Bist, Dr. Lovneesh Kumar,	SRHU	03 Months
36	HIMS	A Study On Efficacy Of Tranexamic Acid In Reducing Blood Loss In Total Hipreplacement Surgery	Dr. Anil Kumar Juyal	Dr. Sukant Tomar, Dr. Ruchit Khera	SRHU	04 Months
37	HIMS	Toilet Footrest Lifting Assembly	Dr. Vijendra Devisingh Chauhan	Dr. Chandra Shekhar Nautiyal	SRHU	6 Months
38	HIMS	Bone Fixation And Repair Device	Dr. Vijendra Devisingh Chauhan	Dr. Chandra Shekhar Nautiyal	SRHU	6 Months
39	HIMS	Functional outcomes in surgically treated clavicle fractures: A longitudinal observational study.	Dr. Prakhar Maheshwari	Dr. Chetan Peshin	SRHU	04 Months
40	HIMS	Bio Social Risk Factors of Acute Stroke: A Case Control study from tertiary care Hospital of Uttarakhand	Dr. Yogesh Saxena	Dr. Manish Mittal, Dr. Malini Shrivastava, Dr. Shailendra Raghuvanshi	SRHU	04 Months
41	HIMS	A study of the clinical profile of patients having cleft lip and palate	Dr. Jyoti Dvivedi	Dr. Sanjay Dvivedi	SRHU	06 Months
42	HIMS	Evolutionary And Emerging Cosmos Of Dengue Infection In India	Dr. Yogesh Saxena	Dr. Himani Prajapati, Dr. Vivek Kumar, Dr. Garima Mittal	SRHU	06 Months
43	HIMS	To identify the gaps in teaching-training and the actual requirements of field practice of Orthopaedics	Dr. Vijendra D Chauhan	Dr. Juhi Kalra, Dr. Richa Ghay Thaman, Dr. Dinesh K Badyal	SRHU	04 Months
44	HIMS	Identifying neurological danger zone on application of external fixator in humerus – A cadaveric study	Dr. Akshay Dua	Dr. Vijendra D Chauhan, Dr. Faiz Akbar Siddiqui, Dr. R K Rohtagi	SRHU	04 Months
45	HIMS	“Assessing post-vaccination symptoms in adults: a study on covishield immunization in individuals above 18 years”	Dr. Nikku Yadav	-	SRHU	06 Months
46	HIMS	Hamari Koshish	Dr. Jayanti Semwal	Dr Vidisha Vallabh	SRHU	6 Months
47	HIMS	Substance Use Training Module for Stakeholders, Teachers and Parents;	Dr Jayanti Semwal,	Ms. Maithili Bhagavatula Dr Ashok K Srivastava, Dr Deep Shikha,	SRHU	06 Months
48	HIMS	प्राथमिक स्वास्थ्य कमियों के लिए ड्रग व्यसन तथा ड्रग दुरुपयोग पर स्वास्थ्य पुस्तिका	Dr. Jayanti Semwal,	Dr. Ashok K Srivastava, Dr. Deep Shikha, Dr. Vidisha Vallabh,	SRHU	06 Months
49	HIMS	Roof Top Rain Water Harvester	Er. H.P. Uniyal	---	SRHU	09 Months

50	HIMS	Normative Data of Maximal Respiratory Pressures In Adult Himalayan Population- A Cross-Sectional, Observational Study	Dr. Rakhee Khanduri	-	SRHU	03 Months
51	HIMS	Early Outcome Of Intertrochanteric Fractures Treated With Proximal Femoral Nail	Dr. Anmol Singh	-	SRHU	06 Months
52	HIMS	Closed Suction Drainage In Hip Arthroplasty - An Observational Study	Dr Shardul Rana	Dr. Vijendra D Chauhan	SRHU	04 Months
53	HIMS	Double Suture Technique: To Prevent Limb Length Discrepancy In Total Hip Arthroplasty	Dr. Shashank Tayal	Dr. Shashank Tayal	SRHU	03 Months
54	HIMS	A cross-sectional study evaluating the knowledge, practices and attitudes of the general population on antibiotic use	Dr. Neha Sharma	Prof. Saurabh Kohli, Prof. Jayanti Semwal, Dr. Nikku Yadav	SRHU	06 Months
55	HIMS	Correlation Of Neutrophil And Lymphocyte Ratio With Known Biochemical Markers Like Esr, Crp, Ldh As A Predictor Marker For Acute Exacerbation Of Copd	Dr. Rakhee Khanduri	Dr. Rakhee Khanduri Dr. Varuna Jethani, Dr. Mansi Kala	SRHU	03 Months
56	HIMS	Functional outcome of Anterior Cruciate ligament Reconstruction using Ipsilateral Autologous Hexafold Hamstring	Dr. Atul Agarwal	Dr. Tarun S. Bora, Dr. Faiz Akbar Siddiqui	SRHU	04 Months
57	HIMS	Tuberculosis or malignancy: A Masquerade	Dr. Varuna Jethani	Dr. Aarti Kotwal, Dr. Anuradha Kusum, Dr. Sushant Khanduri	SRHU	03 Months
58	HIMS	Generating awareness for head and neck cancer prevention and treatment at a tertiary care hospital	Dr. Juhi Kalra	-	SRHU	04 Months
59	HIMS	Hypokalemic Paralysis due to Renal tubular acidosis as the initial presentation of Sjogren's Syndrome.	Dr. Naveen Kumar Rajput	Dr. Ritika Abrol, Dr. Manasvi Kalra	SRHU	06 Months
60	HIMS	To identify behavioral patterns in doctor-patient encounters using reflective narratives	Dr. Juhi Kalra	-	SRHU	04 Months
61	HIMS	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	Dr. Reshma Kaushik	Dr. Saurabh Singh Dr. Rajeev M Kaushik	SRHU	03 Months
62	HIMS	Crime Story Narration And Expert Evidence In Forensic Medicine	Dr. Sanjoy Das	Dr. Sanjoy Das, Dr. Juhi Kalra	SRHU	03 Months
63	HIMS	Radioprotection handcart for radiographic examinations in neonatal intensive care unit (NICU)".	Dr. Satish Chandra Uniyal	Mr. Vikram Singh	SRHU	06 Months
64	HIMS	A Smart System or Non-Invasively Determining Level of Bilirubin, Haemoglobin and Hematocrit in Blood Using Artificial Intelligence	Dr. Nikku Yadav	Dr. Yogesh Saxena, Mr. Dilip Kumar J Saini, Dr. Mansi Kala, Dr. Anita Sharma, Dr. Saurabh Singh, Ms. Nidhi Yadav	SRHU	12 Months
65	HIMS	Profile and risk factor analysis of patients presenting with recurrent stroke	Dr. Deepak Goel	Dr. Yashpal Singh Dr. Manish Mittal Dr. Ashvini Bhatt	SRHU	12 months
66	HIMS	To assess oncosurgical Outcome in patients undergoing major glossectomy for advanced carcinoma tongue	Dr. Shivangi Sundram-M Ch. Trainee-Surgical Oncology	Dr. Sunil Saini (Guide) Dr. Anshika Arora(Co-Guide)	SRHU	12 months