

Intramural Research Projects- 2024

S.N	Department	Name of Chief Investigator	Designation	Title of the Projects	Duration	Status
1	Pediatrics	Dr. Shrish Bhatnagar	Professor	Comparative Efficacy of polyethylene glycol lactifiber in the treatment of chronic constipation in pediatric cerebral palsy patients: A randomized clinical trial	11 Months	Running
2	Biotechnology	Dr. Mohd. Faheem Khan	Associate Professor	Design and fabrication of electrochemical sensor for the detection and measurement of L-Dopa in food samples	24 Months	Running
3	Biotechnology	Dr. Mohd. Faheem Khan	Associate Professor	Development of conformational dynamics-based computational methods and tools for the search of agonist/antagonist (Phytochemicals) at allosteric sites of dopamine receptor	24 Months	Running
7	Critical Care Medicine	Dr. Mustahsin Malik	Professor	Comparison of five video laryngoscopes in manikins by experienced and novice personnel	18 Months	Running
8	Pathology	Dr. Sharique Ahmad	Professor	Comparative study of hematological findings in different automated hematological cell counters	6 Months	Running
9	Medical Education	Dr. Rajendra Prasad	Professor	Development and validation of screening tool to screen interstitial lung diseases (ILU)	13 Months	Running
10	ENT	Dr. Anuja Bhargava	Professor	Study to evaluate the effectiveness of interprofessional grand rounds for implementation of IPCP	6 Months	Running
11	Ophthalmology	Dr. Luxmi Singh	Professor	Introducing telemedicine at RHTC for management of glaucoma: A quality	6 Months	Running

				improvement project.		
12	Ophthalmology	Dr. Luxmi Singh	Professor	Disparities in eye health knowledge, Attitude and practice among older adult rural population.	6 Months	Running
13	Obst & Gynae	Dr. Ayesha Ahmad	Professor	Bereavement care after stillbirth-present situation, challenges and possible solutions: a qualitative analysis from North India	6 Months	Running
14	Pathology	Dr. Sharique Ahmad	Professor	Role of hematological parameters in diagnosing neonatal sepsis	09 Months	Running
15	Pediatrics	Dr. Shrish Bhatnagar	Professor	Glycogen storage diseases (GSDs) in Indian children- Establishing an Indian GSD (I-GSD) Registry	12 Months	Running
16	Food & Nutrition	Dr. Arvind Kumar Srivastava	Professor	Determining Anti-diabetic, Antihyperlipidemic and Antiobesity activities in seeds of Bunium persicum on obese rat model mimicking type 2 human diabetes.	12 Months	Running
17	Biochemistry	Dr. Tariq Mahmood	Professor	A validation of indirect methods of low-density lipoprotein estimation in North Indian Population	06 Months	Running
18	Pathology	Dr. Sharique Ahmad	Professor	Flow cytometry based study of established and immune markers CD45 and CD42-b in coronary artery disease patients	24 Months	Running
19	Pharmacy	Dr. Mohini Chaurasia	Professor	Testing In vitro potential of developed Nanoformulation on HER-2 positive Breast Cancer Cell line	24 Months	Running
20	Paediatrics	Dr. Geetika Srivastava	Professor	Effect of facilitated self-directed learning sessions (SDL) on learners' SDL abilities	06 Months	Running

21	Dermatology	Dr. Ratnika	Assistant Professor	Nail Onychoscopy in OPD: A cross sectional study	06 Months	Running
22	Biotechnology	Dr. Ghizal Fatima	Associate Professor	Circadian Clock gene Dysregulation as a predictor of hypertension in young adults: Interplay with hormones and gut microbiota	24 Months	Running
23	Pharmacy	Dr. Alok S. Tripathi	Professor	Evaluation of kynurenine-3 mono-oxygenase inhibitory activity of selective natural bioactive compounds: in-silico & in-vitro study	12 Months	Running
24	Medicine	Dr. Zeba Siddiqui	Professor	To Develop a module for breaking bad news using SPIKES maneuver for emergency medicine residents at a teaching hospital	06 Months	Running
25	Personalized & Molecular Medicine	Dr. Farzana Mahdi	Professor	Understanding motivational factors for NCHPE participation and future conference improvement	06 Months	Running