

Intramural Research Projects 2021-22

Name of the project	Duration of the project	Name(s) of the teacher(s) working in the project receiving seed money	The amount of seed money sanctioned (in INR)	Year of receiving the seed money
Standardization of Multiplex Real Time PCR for detection of M. Leprae	1 year	Dr. Parul Jain, Assistant Professor, Microbiology	122000.00	2021
Genomic Characterization of Hepatitis C Virus Infected patients who are Non-responders to Direct Acting Antiviral Therapy in the tertiary hospital care setup	1 year	Dr. Suruchi Shukla, Assistant Professor, Microbiology	190000.00	2021
To evaluate the bone mineral status in children with type 1 diabetes mellitus - a hospital based case control study	1 year	Dr. Arpita, Associate Professor, Pediatrics	210000.00	2021
Calcium & Vitamin D deficiency in Children: Design & Validation of questionnaire to assess Knowledge, Attitude & Practices of Parents	1 year	Dr. Suresh Chand, Assistant Professor, Pediatric Orthopedics	50000.00	2021
Determination of micrometastatic cells and their sensitization by radiotherapy and estimation of DNA damage repair in breast cancer patient	1 year	Dr. Satyendra Kumar Singh, Associate Professor, Stem Cell & Cell Culture Lab for Advance Research	210000.00	2021
Heavy metal level estimation in patients with complete heart block of unknown etiology: A pilot project	1 year	Dr. Ayush Shukla, Assistant Professor, Cardiology	105000.00	2021
Magnesium sulphate (magsalf) for fetal neuroprotection given in spontaneous preterm birth versus magnesium sulfate for hypertensive disorder of pregnancy versus preterm newborn not receiving magsalf - A comparative prospective cohort study	1 year	Dr. Shalini Singh, Associate Professor, Obstetrics & Gynaecology	280000.00	2021
Coorelation of Serum Angiopoietin - 1&2 & Endothelin - 1 with prevalence and severity of pulmonary hypertension (PH) in patients of chronic obstructive pulmonary disease (COPD)"	1 year	Dr. Jyoti Bajpai, Assistant Professor, Respiratory Medicine	150000.00	2021

Customized Soft Acrylic versus Thermoplastic Splint following release of Post Burn Contracture of the Hands: A Comparative Study	1 year	Dr. Harsh Vardhan, Assistant Professor, Plastic Surgery	165000.00	2021
Comparision of Percutaneous VS Open Hamstring Lengthening in Patients of Spastic Diplegic Cerebral Palsy	1 year	Dr. Syed Faisal Afaque, Assistant Professor, Pediatric Orthopedic	100000.00	2021
A study on evaluating the role of HSP27 as diagnostic and prognostic biomarker in Oral potentially malignant disorders and Oral squamous cell carcinoma	1 year	Dr. Priyanka Singh, Associate Professor, Oral Pathology & Microbiology	245000.00	2021
Study of Endocrine Dysfunction in Patients with Juvenile Idiopathic Arthritis	1 year	Dr. Sayan Mukherjee, SR, Clinical Immunology & Rheumatology	150000.00	2021
Study of single nucleotide polymorphism in MGMT gene promoter region and correlation with MGMT methylation status and prognosis in glioblastoma	1 year	Dr. Krachi Agarwal, JR-1, Department of Pathology, KGMU	155000.00	2021
Infection Profile of Patients and Utility of Neutrophil CD64 Expression, Presepsin, Procalcitonin, Neutrophil to Lymphocyte Ratio and CRP in Differentiating Infections From Flares in Systemic Lupus Erythematosus	1 year	Dr. Mukesh Kumar Maurya, SR, Department of Clinical Immunology and Rheumatology	150000.00	2021
Analysis and relevance of single or combination mutations of BRAF, TERT and NRAS genes and their Clinico-pathologic relationship in Papillary Thyroid Carcinoma: A study using sanger sequencing	1 year	Dr. Isha Makker, JR, Department of Pathology, KGMU	145000.00	2021
A comparative study to evaluate masticatory performance and satisfaction level of the patient with conventional and three appointment complete denture	1 year	Dr. Deep Shikha Tripathi, JR-1, Prosthodontics and Crown & Bridges	96300.00	2021
Contribution of GHR, IGF1R and IGF2R in determining the craniofacial pattern and proportions - a genetic study	1 year	Dr. Gulnaz Husain, JR-II, Orthodontics & Dentofacial Orthopaedics	111500.00	2021
Association of Polymorphisms in IGF-1, GHR and PAX-9 genes with tooth size	1 year	Dr. Varun Gupta, JR-II, Orthodontics & Dentofacial Orthopaedics	100000.00	2021

Expression Pattern of MUCI and MUC4 in Oral Premalignant Disorders and Oral Squamous Cell Carcinoma and Normal Oral Mucosa in an Attempt to Analyze its role played in oral carcinogenesis	1 year	Dr. Sharon John, JR-1, Oral Pathology and Microbiology	122000.00	2021
A comparative Evaluation of Efficacy of Different Irrigants on Semar Layer in Root Canals of Deciduous Teeth With Conventional Irrigation Vs Passive Ultrasonic Irrigation : An In-Vitro Sem Study	1 year	Dr. Alisha Jadhav, JR-1, Pediatric & Preventive Dentistry	86090.00	2021
CD44 expression in different histological grades of renal cell carcinoma with clinicopathological correlation	3 months	Ms. Varsha Singhal, MBBS 2019, Pathology	45000.00	2021
Microbial contamination of surgical scrubs & mobile phones in the operating theatre-A pilot study	3 months	Mr. Vaibhav Singh, MBBS 2nd year, Microbiology	10000.00	2021
Diphtheria: A prospective study of incidence of diphtheria in the emergency unit of the department of Pediatrics in a hospital of a medical University of Northern India.	3 months	Mr. Shubhajeet Roy, MBBS 2019, Ms Aditi Shah, MBBS-2019, Pediatrics	17000.00	2021
An observational prospective study of suspected poisoning cases admitted in Medicine and Pediatric department of a North-Indian teaching medical university to find out the types, cause, treatment modalities and outcomes.	3 months	Ms Yashita Khulbe, MBBS student and Mr. Yash Chandani, MBBS student, Forensic Medicine & Toxicology	2000.00	2021
Mapping Neurosurgery Practice in India: A survey - based cross-sectional study	3 months	Mr. Vinay Suresh, MBBS 2nd year, Neurosurgery	12000.00	2021
Effect of beetroot juice rinse on oxidative stress and microbial profile of patients with oral lichen planus - A randomized clinical study	3 months	Ms. Snehlata Kaushik, Periodontology	75000.00	2021