

Intramural Research Projects 2019-20

Name of the project and duration	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
“16s Microbial Profiling of Gall bladder cancer.	1 year	Dr. Shiv Rajan, Assistant Professor, Surgical Oncology	220000.00	2019
Trauma shock, the psychological perspective of Maxillofacial & Non-maxillofacial trauma : A cross sectional Triple arm comparative analytical cohort study ”	1 year	Dr. Amiya Agarwal, Assistant, Professor, Department of Oral & Maxillofacial Surgery	30000.00	2019
“Effect of OPRM1 A118G polymorphism and its association with post operative pain and opioid consumption after major abdominal surgery in north Indian population: A prospective observational study.”	1 year	Dr. Tanmay Tiwari, Assistant Professor, Department of Anesthesiology	120000.00	2019
Evaluation and creation of an electronic database of the burden of maxillofacial injuries sustained during trauma”	1 year	Dr. Arunesh Kumar Tiwari Assistant Professor Department of Oral & Maxillofacial Surgery	30000.00	2019
“Analysis of miRNA signatures in Human Cardiac Tissue and its applicability in determination of post mortem interval.”	1 year	Dr. Sangeeta Kumari Assistant Professor (Forensic Medicine)	250000.00	2019
“Prospective randomized study to evaluate the therapeutic effect of high volume V/S low volume caudal epidural injections in Lumber PIVD”	1 year	Dr. Sanjiv Kumar Assistant Professor Department of Orthopedic Surgery	20000.00	2019

Analysis of peroneus longus autograft as an alternative to hamstring tendon auto graft in Arthroscopic Anterior cruciate ligament reconstruction” Revised	1 year	Dr. Abhishek Agarwal, Assistant Professor, Department of Orthopedic Surgery	20000.00	2019
“To analyze the role of Bisphosphonate on clinic radiological short term outcome of Legg Calve’s Perthes disease: A Pilot Study”	1 year	Dr. Mayank Mahendra, Assistant Professor, Department of Orthopedic Surgery	20000.00	2019
“To search novel microRNAs in serum as a noninvasive biomarker in prostate cancer.”	1 year	Dr. Shweta Kumari, Assistant Professor, Department of Biochemistry	250000.00	2019
“To study Causes and Clinical Outcome of New Onset Renal Failure in Post-Partum Period: A Prospective observational study”	1 year	Dr. Medhavi Gautam, Assistant Professor, Department of Medicine	50000.00	2019
“Primary immunodeficiency syndromes in tuberculous meningitis: A case control study”.	1 year	Dr . Imran Rizvi, Assistant Professor, Department of Neurology	250000.00	2019
Delineating the role of WWOX gene expression in patients of Osteosarcoma” A Pilot Study”	1 year	Dr. Dharmendra Kumar, Assistant Professor, Department of Orthopedic Surgery	250000.00	2019
Anatomical Aspects of Rectus Abdominis Muscle Flaps used in Plastic and Reconstructive Surgeries : A Radiographic Cadaveric Dye Injection Study in North India”	1 year	Dr. Sushma Tomar, Assistant Professor, Department of Anatomy	150000.00	2019
“A randomized controlled study to compare the Clinico-radiological outcome of Gartland type III supracondylar fracture of the humerus using crossed K wire pinning or lateral pinning.”	1 year	Dr. Arpit Singh, Assistant Professor Department of Orthopedic Surgery	25000.00	2019

“Prevalence of Vit-D deficiency of HIV disease and its correlation with severity of HIV disease: An observational study”	1 year	Dr. Sudhir Kumar Verma, Assistant Professor Department of Medicine	100000.00	2019
“Age determination through closure of sagittal suture in Adult Humans : 3D Computerized tomography study in North Indian Population”	1 year	Dr. Rajeev Ranjan, JR-I, Department of Forensic Medicine & Toxicology	10000.00	2019
“A Study on Solar Disinfection Improves Water Quality to Prevent Childhood Diarrhea in Under 5 Children – Lucknow district, UP”	1 year	Dr. Madhumathi G.S., SR-I, Dr. Monika Agarwal, Professor, Department of Community Medicine & Public Health	25000.00	2019
“To study the relationship of menstrual cycle dysfunction with stress and its impact on quality of life in adolescent and young female”	1 year	Dr. Swati Vishwakarma, JR-I, Prof. Sujata Deo, Professor, Department of Obst. & Gynecology	5000.00	2019
“Pilot study on mechanisms influencing clinical expression of thyroid associated ophthalmopathy”	1 year	Dr. Stuti Tiwari, JR-I, Dr. Apjit Kaur, Head Department of Ophthalmology	100000.00	2019
“Clinical and Serological profile of patients with interstitial Pneumonia with autoimmune features (IPAF) in a Tertiary Care Centre in North India”	1 year	Dr. Kasturi Hazarika, SR-I, Dr. Anupam Wakhlu, Professor, Department of Rheumatology	100000.00	2019
“Status of Sarcopenia in Perimenopausal and Menopausal women”.	1 year	Dr. Meher Narain, JR-I, Dr. Anjoo Agarwal, Professor Obst. & Gynecology	60000.00	2019
“Galectin-1: Analysis of Immunohistochemical Expression and Immunomodulatory Effects In Classical Hodgkin Lymphoma”	1 year	Dr. Shalini Rawat, Dr. Mili Jain, Assistant Professor, Department of Pathology	100000.00	2019

“To Assess Impact of Early Glycemic Status on Development of Hypertensive Disorder of Pregnancy”	1 year	Dr. Pooja Mishra, JR-I, Dr. Vinita Das, Head, Department of Obst. & Gynecology	100000.00	2019
“Role of serum adipsin in the pathophysiology of type 2 diabetes mellitus”	1 year	Dr. Somya Singh, JR-I, Dr. Sanjay Khattri, Professor Department of Pharmacology	60000.00	2019
“Endothelial cell loss analysis in phacoemulsification versus small incision cataract surgery : A randomized study”	1 year	Dr. Ritu Singh, JR-I, Dr. Sanjiv Kumar Gupta, Professor Department of Ophthalmology	25000.00	2019
“Evaluation of effect of Mandibular Advancement Device on inflammatory marker (TNF- α) in Patients with Obstructive Sleep Apnoea “ A Controlled Before and After study ”	1 year	Dr. Neeti Solanki, JR-I, Prosthodontics and Crown Bridge, Dr. Pooran Chandra, Professor & Head	50000.00	2019
“Evaluation of amniotic membrane (AM) efficacy in bone healing after periapical endodontic surgeries using ultrasonography and color doppler”	1 year	Dr. Saumya Johri, JR-I, Mentor- Dr. Promila Verma, Professor, Department of Conservative Dentistry	90000.00	2019
“A comparative Clinical and Radiographic Assessment of the Efficacy of Three Different Materials use in Indirect Pulp Capping in Primary teeth.”	1 year	Dr. Durga R., JR-I, Mentor- Dr. Rajeev Kumar Singh, Professor, Department of Pediatric and Preventive Dentistry	100000.00	2019
“The Role of MTR.MTRR, MTHFR Gene Association in Non Syndromic Cleft Lip, Cleft Palate and Cleft Lip with Palate in North Indian Children”	1 year	Dr. Arvindhan A, JR, Dr. Rakesh Kumar Chak, Prof. & Head, Department of Pediatric and Preventive Dentistry	80000.00	2019

“Awareness of Oral Manifestation of Post-Menopausal women among the Medical and Dental Graduate”	3 months	Ms. Raksha Silwal, BDS, Mentor - Dr. Pooran Chandra, Professor & Head, Department of Prosthodontics	8000.00	2019
“To Assess Prevalence of Obstructive Sleep Apnoea In Diabetic and Hypertensive Patients : A Hospital Based Study”	3 months	Ms. Anjali Mall, BDS-IIIrd year, Dr. Pooran Chandra, Professor & Head Prosthodontics	8000.00	2019
“Prevalence and Association of Enamel defects and Dental caries in 13-15 year old school going children in Lucknow ”	3 months	Mr. Moulik Singh, BDS, Dr. Pragya Pandey, Assistant Professor, Department of Conservative Dentistry and Endodontics	10000.00	2019
“To determine the difference in the heart health status in active and sedentary workers”	3 months	Mr. Laksha Maurya, MBBS, Dr. Sunita Tiwari, Professor & Head, Department of Physiology	1500.00	2019
“Enigma of Dream : A Cohort study”	3 months	Ms. Mansi Jaiswal, MBBS, Dr. Jagdish Narayan, Professor Department of Physiology	2000.00	2019
“Discovering the Learning Ability of Sleeping Brain”	3 months	Mr. Arpit Verma, MBBS, Dr. Sandeep Bhattacharya, Department of Physiology	2000.00	2019
“Aerobic Exercise : Effect On Working Memory and Cognitive Ability”	3 months	Mr. Shobhit Singh, MBBS, Dr. Sunita Tiwari, Professor & Head Department of Physiology	2000.00	2019
“The Corelation of pulse parameters with Different Anthropometric Variations”	3 months	Mr. Manjot Kaur Wahlla, MBBS, Dr. Dileep Verma, Professor, Department of Physiology	2000.00	2019

“Effect of music on Exercise efficiency”	3 months	Mr. Ayush Sirohi MBBS, Dr. Neena Srivastava Professor, Department of Physiology	5000.00	2019
“Seasonal Glycemic Variability in patients with type 2 DM during mango season”	3 months	Mr. Abhishek Singh, MBBS, Mentor-Dr. Narsingh Verma Department of Physiology	10000.00	2019
“Factors for delayed presentation of advanced oral and breast malignancy in north Indian Population- a study from tertiary care hospital”	3 months	Ms. Pooja Saroj, Mr. Devesh Prasad, MBBS, Mentor - Dr. Vinod Jain, Professor, Department of General Surgery	10000.00	2019
“To study the prevalence of latent tuberculosis infection among Medical students”	3 months	Mr. Prateek Kumar Dinkar, MBBS, Mentor - Dr. Santosh Kumar, Professor, Department of Respiratory Medicine	10000.00	2019
“A Cross Sectional Study of Pattern of Antipsychotic side Effects and Medication Adherence in Patients with Schizophrenia”	3 months	Miss. Priya Singh, MBBS, Mentor - Dr. S.K. Kar, Professor, Department of Psychiatry	10000.00	2019
“Serum bilirubin measurement in neonates using traditional wet chemistry method versus dry chemistry method”	3 months	Mr. Kaushal Kishor Singh, MBBS Dr. Kalpana Singh, Associate Professor, Department of Biochemistry	10000.00	2019
“Variations in Radial artery: A Coronarographic and Cadaveric Evaluation”	3 months	Mr. Vivekanand Jha, MBBS, Mentor-Dr. Rakesh Kumar Diwan Department of Anatomy	10000.00	2019

“Study of knee radiograph of Osteoarthritis and grade the radiograph according to Kellgran Lawrence grading system to establish its relationship with knee range of motion and need knee arthroplasty ”	3 months	Mr. Prince Rai, MBBS, Mentor- Dr. Archana Rani, Professor, Department of Anatomy	10000.00	2019
“A Review of therapy following Burns in patients presenting with Post Burn Contracture in a Tertiary Hospital”	3 months	Mr. Vishal Lodhi, MBBS, Mentor - Dr. Brijesh Mishra, Professor, Department of Plastic Surgery	10000.00	2019
“To Study the effects of Binge Watching on the Sleep Wake Pattern and the Reaction Time of the Medical Students ”	3 months	Mr. Shubham Tripathi, MBBS, Prof. Sunita Tiwari, Professor & Head, Department of Physiology	10000.00	2019
“Measurement of Posterior Tibial Slope in Urban and Rural population on India: A Radiological Study”	3 months	Mr. Khalid Ahmad Qidwai, MBBS Dr. Archana Rani, Professor, Department of Anatomy	10000.00	2019
“Anatomical Study of Medial Femoral Condyle to Define the Proximal Distal Condylar Length and Importance of the Posterior Condylar Line : Role in Knee Arthroplasty”	3 months	Ms. Devanshi Agarwal, MBBS,Dr. Rakesh Kumar Diwan, Department of Anatomy	10000.00	2019
A Comparative study on estimation of serum creatinine by different methods with reference to bilirubin interference”	3 months	Ms. Zareena Akhtar, MBBS, Dr. Dilutpal Sharma, Head, Department of Biochemistry	10000.00	2019
“Psychological assessment of pre-operative cancer patients”	3 months	Ms. Payal & Kanika Singh, MBBS, Dr. Vinod Jain, Professor, Department of Surgery General	10000.00	2019

“The association between sleep spindles and IQ of college students”	3 months	Mr. Raj Vardhan, MBBS, Dr. Archana Ghildiyal, Associate Professor, Department of Physiology	10000.00	2019
“Molecular analysis of MTHFR (C677T) gene polymorphism and serum lipid level in gestational diabetes patients”	3 months	Mr. Vivek Chaurasiya, Mentor - Dr. Mohd. Kaleem Ahmad, Department of Biochemistry	10000.00	2019