

Intramural Research Projects 2022-23

Name of the Project	Duration	Name of the teacher(s) working in the project receiving seed money	The amount of seed money	Year of receiving
A study to compare diagnostic performance of Galectin-3 (a novel biomarker) and NT-proBNP (an established biomarker) for cardiac dysfunction in patients with chronic liver disease	1 year	Dr. Mahak Lamba, Assistant Professor, Department of Medicine	135000.00	2022
DNA methylation of Brain Derived Neurotrophic Factor (BDNF) and Late-Life Depression	1 year	Dr. Akansha Sonal, Assistant Professor, Department of Geriatric & Mental Health	265000.00	2022
Study of Urinary L1 cell adhesion molecule (L1CAM) as potential biomarker to predict the renal damage in Indian children with posterior urethral valve	1 year	Dr. Gurmeet Singh, Assistant Professor, Department of Pediatric Surgery,	126400.00	2022
Estimation of time since death of human cadaver in view of cellular changes in cerebrospinal fluid	1 year	Dr. Tauheed Anwar, JR-1, Department of Forensic Medicine, Mentor - Dr. Anshu Priya, Assistant Professor, Forensic Finger Printing Unit, Department of Centre for Advanced Research, KGMU	33540.00	2022
Study of Sexual dimorphism on cranial index in King George's Medical University	1 year	Dr. Abhipsa Senapati, JR-1, Mentor-Dr. Raja Rupani, Additional Professor, Department of Forensic Medicine & Toxicology	10000.00	2022
Correlation between intraoperative quantitative assessment of parathyroid gland perfusion during total thyroidectomy after gland excision using indocyanine green with post operative hypocalcemia-A prospective interventional study	1 year	Dr. Ashwinee Rahalkar, SR, MCH, Department of Endocrine Surgery, Mentor-Dr. Anand Kumar Mishra, Prof. & Head, Department of Endocrine Surgery	122000.00	2022

Screening for micronutrients deficiencies among school going overweight and obese adolescents of Lucknow	1 year	Dr. Ajit Kumar Singh, JR-1, Department of Community Medicine, Mentor- Dr. Reema Kumari, Professor, Department of Community Medicine & Public Health	144750.00	2022
Study of Microvascular Density and Expression of Vascular Endothelial Growth Factor in Eyelid and Occular Surface Tumors	1 year	Dr. Priyanka, SR-1, Department of Ophthalmology, Mentor- Dr. Apjit Kaur, Prof. & Head, Department of Ophthalmology	150000.00	2022
Evaluate the Effect of Nilotinib, Tyrosine Kinase Inhibitor On Learning And Memory In Animal Model Of Alzheimer's Disease And Its Comparison With Nitric Oxide Synthase (Nos) Inhibitor And Standard Drug	1 year	Dr. Anurag Kumar, JR-1, Department of Pharmacology & Therapeutics, Mentor- Dr. Rajendra Nath, Professor, Department of Pharmacology & Therapeutic	167000.00	2022
Prevalence of Microsatellite Instability and BRCA-1 in Epithelial ovarian Cancers at Molecular and Protein Level in Northern India	1 year	Dr. Richa Singh, JR, Department of Pathology, Mentor- Dr. Preeti Agarwal, Additional Professor, Department of Pathology	150000.00	2022
A comparative analysis of histopathological findings in optic nerve in poisoning and snake bite cases	1 year	Dr. Anup Kumar Raipuria, JR-1, Department of Forensic Medicine & Toxicology Mentor- Dr. Shiuli, Associate Professor, Department of Forensic Medicine & Toxicology	36000.00	2022
Study of CDKN2A Mutation in Gliomas with Cytohistological Correlation	1 year	Dr. Aisha Mahmood, JR, Department of Pathology, Mentor- Dr. Madhu Kumar, Additional Professor, Department of Pathology	150000.00	2022
Color Doppler evaluation of photobiomodulation as a therapeutic adjunct in non surgical management of periapical bone defects: A randomized controlled trial	1 year	Dr. Jagruti Mutalikdesai, JR-1, Department of Conservative Dentistry and Endodontics, Mentor- Dr. Rhythm Bains, Professor (Jr. Grade), Department of Conservative Dentistry and Endodontics	107896.00	2022

Efficacy of Digital Reconstruction at Varying Trauma: An Innovative Approach in Forensic Odontology	1 year	Dr. Ayushi Jain, JR-1, Department of Oral Pathology & Microbiology, Mentor- Dr. Shalini Gupta, Professor, Department of Oral Pathology & Microbiology	82000.00	2022
An In-Vivo Study on Release of Metal Ions and Dna Damage in Buccal Mucosa During Fixed Orthodontic Treatment	1 year	Dr. Chandana Himanshu, JR-II, Department of Orthodontics & Dentofacial Orthopaedics, Mentor- Dr. Amit Nagar, Professor, Department of Orthodontics & Dentofacial Orthopaedics	143000.00	2022
Appraisal of Salivary Biomarkers as Skeletal Maturity Indicators in Cleft Lip and Palate Subjects	1 year	Dr. Balaji. R, JR-II, Department of Orthodontics & Dentofacial Orthopaedics, Dr. Dipti Shastri, Additional Professor, Department of Orthodontics & Dentofacial Orthopaedics	100000.00	2022
Exploration of Three Proteins Panel To Predict Prognosis In Oral Squamous Cell Carcinoma	1 year	Dr. Priya Devi, JR, Department of Oral Pathology & Microbiology, Mentor- Prof. Shalini Gupta, Head, Department of Oral Pathology & Microbiology	145000.00	2022
A Comparative Evaluation of Effect of Osseodensification on Bone Density around Dental Implants: A randomized control trial	1 year	Dr. Bhujbal Rushikesh Bhau, JR-II, Department of Prosthodontics and Crown & Bridges, Mentor- Dr. Pooran Chand, Prof. & Head, Department of Department of Prosthodontics and Crown & Bridges	126000.00	2022
Comparative Evaluation of Bone Regeneration with L-PRF, Amniotic Membrane and Simvastatin using CBCT after Endodontic Surgery, A Randomized Clinical Trial	1 year	Dr. Niharika Singh, JR-I, Department of Conservative Dentistry & Endodontics, Mentor- Dr. Promila Verma, Professor, Department of Conservative Dentistry & Endodontics	100000.00	2022

Assessment of Correlation Between Biofilm Adhesion on Different Archwires and Their Surface Roughness	1 year	Dr. Maheshwar Singh, JR-1, Department of Orthodontics & Dentofacial Orthopedics, Mentor- Dr. Gulshan Kumar Singh, Professor, Department of Orthodontics & Dentofacial Orthopedics	176385.00	2022
Evaluation of the effect of osseodensification implant placement on bone marker (BMP-9) and clinical implant parameters: a randomized controlled trial	1 year	Dr. Husbana Bakrolwala, JR-II, Department of Prosthodontics and Crown & Bridges, Mentor- Dr. Pooran Chand, Professor & Head, Department of Prosthodontics and Crown & Bridges	64500.00	2022
Compliance of Pediatric patients during Ocular prosthesis fabrication with and without midazolam conscious sedation: A Pilot study	1 year	Dr. Anshu Baid, JR-II, Department of Prosthodontics and Crown & Bridges, Mentor- Dr. Deeksha Arya, Additional Professor, Department of Prosthodontics and Crown & Bridges	124689.00	2022
Immunohistochemical Expression of Minichromosome Maintenance Complex 3 (MCM3) and Transport and Golgi Organization Protein 1 (Tango1) in Different Grades of Oral Squamous Cell Carcinoma and its Validation by RTPCR	1 year	Dr. Saloni Verma, JR, Department of Oral Pathology & Microbiolog, Mentor- Dr. Shaleen Chandra, Prof. & Head, Department of Oral Pathology & Microbiology	178600.00	2022
Evaluating the in vitro efficacy of platelets and plasma after pathogen reduction	3 months	Mr. Rishabh Agarwal, MBBS 2nd year, Mentor- Dr. Rashmi Kushwaha, Professor, Department of Pathology	20000.00	2022
Long Term Outcome of Kidney Function of Patients with Renal Injuries Grade 3 and above	3 months	Mr. Mehul Saxena, MBBS 2021 Batch, Mentor- Dr. Yadvendra Dheer, Associate Professor, Department of Trauma Surgery	57000.00	2022

IL-23 expression in subjects with Ankylosing Spondylitis: a case control study	3 months	Mr. Timil Suresh, MBBS 2020 Batch, Mentor- Dr. Arpit Singh, Associate Professor, Department of Orthopedic Surgery	85000.00	2022
Assessment of sleep quality by PSQI and its correlation with anxiety level in undergraduate medical students	3 months	Ms. Prachi MBBS 2021 & Mr. Pragyesh Mishra, MBBS 2021, Mentor- Dr. Sandeep Bhattacharya, Professor, Department of Physiology	45000.00	2022
Incidence and prognostic significance of Androgen Receptors in patients of Triple Negative Breast Cancer	3 months	Mr. Pranav Sankhyadhar, MBBS 2020 Batch, Mentor- Dr. Kushagra Gaurav, Associate Professor, Department of Surgery General	77000.00	2022
The hormonal profile of Fibrocystic Breast Disease and its correlation with PCOD, BMI, Waist hip ratio, dietary pattern and life time physical activity	3 months	Dr. Rachna Singh, MBBS 2020 Batch, Mentor- Dr. Gitika Nanda Singh, Professor, (Jr. Grade), Department of Surgery General	58650.00	2022
Molecular detection of Carbapenem sensitivity in Klebsiellapneumoniae causing VAP: An Experimental Study	3 months	Mr. Mayank Dhiman, MBBS 2020 Batch, Mentor- Dr. Avinash Agrawal, Professor & Head, Department of Critical Care Medicine	120000.00	2022
Evaluation of the Clara Cell Protein in serum of Patients of Esophageal Atresia with Tracheo-Esophageal fistula	3 months	Mr. Pushpendra Yadav, MBBS 2020 Batch, Mentor- Dr. Anand Pandey, Professor, Department of Pediatric Surgery	61000.00	2022
Effect of post operative antimicrobial therapy on the healing sockets of the tooth extractions done for orthodontic purposes - A randomized controlled trial	3 months	Prakhar Mittal, BDS 2020 Batch, Mentor- Dr. Amiya Agarwal, Professor, Jr. Grade, Department of Oral & Maxillofacial Surgery	10000.00	2022
Prevalence of Cracked Teeth among Dental Patients of North India Visiting Tertiary Care Centre: A Prospective Cross-sectional study	3 months	Ms. Anusha Agarwal, BDS student, Dr. Ramesh Bharti, Professor, Department of Conservative Dentistry & Endodontics	48100.00	2022

Perceived clinical competence of undergraduate dental students in rendering essential dental services	3 months	Ms. Shivangi Singh, BDS 2020 Batch, Mentor- Dr. Saumyendra Vikarm Singh, Professor, Department of Prosthodontics, Crown & Bridges	5000.00	2022
A morphometric study of mandibular foramen, Lingula and incidence of accessory mandibular foramens in dry mandible	3 months	Ms. Yashaswi Singh BDS- 2020, Mentor- Dr. Pratibha Shakya, Assistant Professor, Department of Anatomy	5000.00	2022
A morphometric study of retromolar fossa and incidence of finding of retromolar foramen in dry bones	3 months	Mr. Dwiz Dwivedi, BDS Batch 2021, Mentor- Dr. Noor us Saba, Assistant Professor, Department of Anatomy	5000.00	2022
Social media impact on self-perceived oral health practices among patients	3 months	Dr. Aruna Singh, BDS 2019 Batch, Mentor- Dr. Gaurav Mishra, Professor (Jr. Grade), Department of Public Health Dentistry	7000.00	2022