

List of Ongoing Research Projects, AIIMS BATHINDA

FUNDED PROJECTS, AIIMS BATHINDA

S. NO.	SPECIALITY	PRINCIPAL INVESTIGATOR	NAME OF THE PROJECT	REMARK (FUNDING AGENCY)
1	OBSTETRICS AND GYNAECOLOGY	Dr. Lajya Devi Goyal	Effect of covid-19 pandemic on antenatal care and pregnancy outcome amongst rural women of punjab- assessment through prospective teleconsultation.	DST- GOVT. OF INDIA, & PSCST, Chandigarh
2	DEPARTMENT OF BIOCHEMISTRY	Dr. Sanjay Kumar	To evoke Transplanted Stem cell Survival against Ischemic/Reperfusion injury through Pharmacological Preconditioning with Phosphodiesterase Inhibitors	Science and Engineering Research Board- Department of Science & Technology (SERB- DST), Government of India
3			Expression profiling of MicroRNA in blood samples from various stages of cancer patients as novel diagnostic and prognostic Biomarker for early detection of Cancer	Haryana State Council for Science and Technology (HSCSIT), Department of Science & Technology, Haryana
4	DEPARTMENT OF PHARMACOLOGY	Dr. Abhinav Kanwal	"Exploring the role of mitochondria-targeted antioxidants against chemotherapy-induced side effects in mice heart"	ICMR, New Delhi.

NON-FOUNDED PROJECT, AIIMS BATHINDA

S. NO .	SPECIALITY	PRINCIPAL INVESTIGATOR	NAME OF THE PROJECT
1.	ANAESTHESIA	Dr Navneh	Range of neck movements in turbaned individuals
2.		Dr Jyoti Sharma	Knowledge and practice of basic life support a cross-sectional study among the healthcare workers of a tertiary care centre
3.		Dr Jyoti Sharma	Effect of jaw and neck exercises on parameters of airway assessment
4.	ANATOMY	Dr Anjali Singal	Topographic anatomy of zygomatico-facial foramen and its clinical implications
5.		Dr Apurba Patra	Assessment of knowledge, attitude and practice regarding organ donation among undergraduate medical students of various AIIMS in India
6.		Dr. Priti Chaudhary	Assessment of the knowledge, attitude, anxiety episode, and perceived psychological impact of covid-19 pandemic on medical undergraduate students.
7.		Dr Anjali Singal	Morphometric and topographic anatomy of stylomastoid foramen and its clinical implications
8.		Dr Anjali Singal	A morphological study of external occipital protuberance with special reference to occipital bun in human skulls
9.		Dr Apurba Patra	Morphological and morphometric analysis of the sacral hiatus using lumbosacral spine radiographs: Clinical relevance in caudal epidural anesthesia.
10.		Dr Apurba Patra	Morphometric analysis of cerebral intraventricular sizes in adult north Indian population – A cross sectional magnetic resonance imaging study
11.		Dr. Navita Aggarwal	Implementation and impact of self-directed learning in MBBS students
12.		Dr. Navita Aggarwal	Relationship between Ureteral Dimensions on Contrast Enhanced Computed Tomography and Anthropometric Measurement
13.	COMMUNITY & FAMILY MEDICINE	Dr. Ankita Kankaria	Study on experience and psychological health of health care providers engaged in covid 19 care
14.		Dr. Ramnika Aggarwal	Effect of advertisement of nutritional products on purchases and consumption choices made by the school-going children and their parents- initial assessment from Punjab, India
15.		Dr. Soumya Swaroop Sahoo	Cyberchondria a cross-sectional study to explore online health-seeking behavior and its determinants among the community

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16.		Dr. Ankita Kankaria	Assessment of health status, psychological profile and lifestyle habits of indian medical graduate students in a tertiary care institute in north India
17.		Dr. Madhur Verma	Predicting 10 year cardiovascular risk using who ish risk prediction chart in patients visiting aiims bathinda
18.		Dr. Madhur Verma	Mapping the of febrile illnesses hotspots in punjab from 2010 to 2019
19.		Dr. Bhola Nath	A study on psychological health, coping strategies and quality of life of stable patients with covid 19 and their care givers.
20.		Dr. Bhola Nath	Establishment of population based cancer registry in the bathinda district of Punjab, India
21.		Dr. Ankita Kankaria	"Study on multiple long term chronic conditions among pregnant women in a rural block of Punjab, North India"
22.		Dr. Bhola Nath	Effectiveness of structural health intervention on mouth self-examination in a tertiary care hospital of north India
23.		Dr. Ramnika Aggarwal	Myths and beliefs about cancer causation and prevention: A cross-sectional study
24.		Dr. Soumya Swaroop Sahoo	Cost of ambulatory care of diabetes and pathway of care among adult diabetic patient in a tertiary care institute in north India
25.		Dr. Madhur Verma	Feasibility of using artificial intelligence to ensure social distancing measures in a health care institute of north India
26.	DENTISTRY	Dr Tarun Kumar Singh	Retention of posts luted with a resin cement in canals obturated using a calcium hydroxide based sealer – an invitro study
27.		Dr. Lata Goyal	Oral health status and oral health related quality of life in patients with metabolic syndrome a cross sectional study
28.		Dr. Lata Goyal	Treatment of gingival recession using conventional vs minimally invasive coronally advanced flap with platelet rich fibrin in thin gingival biotype randomized controlled clinical trial
29.		Dr. Shailendra Singh Rana	A pilot study to derive the measurements of pa cephalogram image using orthopantomogram and lateral cephalogram images by estimating the magnification
30.		Dr. Shailendra Singh Rana	Cervical vertebrae stage prediction on lateral cephalogram
31.		Dr. Shailendra Singh Rana	3d cephalometric analysis comparison in adults human subject based on MRI and CT imaging modalities
32.		Dr. Shailendra Singh Rana	Volumetric upper airway analysis using 2-d dimension cephalogram
33.	DERMATOLOGY	Dr Shivani Bansal	A clinico-epidemiological study of facial acanthosis nigricans and its association with metabolic syndrome in Indian population
34.		Dr Shivani Bansal	Assessing quality of life, depression, anxiety, stress and stigma among caregivers of children with Atopic Dermatitis and its correlation with severity of atopic dermatitis”

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35.		Dr. Ratan singh	Visualization of latent fingerprints by nontoxic substance on various surfaces in different weather conditions
36.		Dr Jyoti barwa	Study of pattern of tattoos among adult population with substance abuse in Bathinda district
37.		Dr Ajay Kumar	Measures to enhance quality of medicolegal work in bathinda (panjab)
38.	GENERAL MEDICINE	Dr. Amandeep	To study the association of qtc interval and qtd dispersion in patients with uncomplicated metabolic syndrome
39.		Dr. Preeti dhoat	To analyze the clinical profile of covid positive patients, associated comorbidities, outcome and follow up of the patients for post covid sequelae at the tertiary care centre in north India.
40.		Dr. Amandeep	Prevalence of chronic mesenteric ischaemia in T2DM patients in north India: a hospital based cross sectional study.
41.		Dr. Amandeep	Knowledge, Awareness and determinants of medication adherence in hypertensive patients: A hospital based cross sectional study in North India.
42.		Dr. Preeti Dhoat	A Study of association of Non- Alcoholic Fatty Liver Disease And Dyslipidemia in patients visiting Tertiary Care Center In North India
43.	HOSPITAL ADMINISTRATION	Dr. Moonis Mirza	“Gap analysis of hospital signage and wayfinding system in a tertiary care hospital of north India”
44.	MICROBIOLOGY	Dr. Sivanantham K	Proposal for collaboration with pgimer_epidemiology and genetic diversity of rickettsial pathogens causing human infections in Punjab and Chandigarh
45.		Dr. Sivanantham K	Impact of conducting hand hygiene audit in Covid -19 care locations of India – A large scale national multicentric study
46.	OBSTETRICS AND GYNAECOLOGY	Dr. Priyanka Garg	Trends and patterns of spousal violence in india- comparative analysis of the national family health survey round iii and iv
47.		Dr. Lajya Devi Goyal	Changes in the patterns of female tobacco usage in india- findings from the two rounds of global adult tobacco survey India.
48.		Dr. Lajya Devi Goyal	Awareness and attitude about cervical cancer prevention and human papilloma virus vaccine among the rural women of Punjab
49.		Dr. Lajya Devi Goyal	Estimating the prevalence of von willebrand disease in women with heavy menstrual bleeding in Punjab
50.		Dr. Deepika	Comparison of Screening Methods VIA, VILI Vs PAP SMEAR for early detection of precancerous lesions of cervix
51.		Dr. Balpreet Kaur	Cabergoline vs Dienogest in the treatment of endometriosis associated pelvic pain- A prospective randomized controlled trails
52.		Dr. Balpreet Kaur	Genetic epidemiology and investigations of epigenetic signatures among polycystic ovary syndrome (PCOS) patients

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53.		Dr. Priyanka	Prevalence of urinary incontinence, its impact on quality of life and barriers to treatment seeking behaviour among women attending tertiary care centre.
54.	OPHTHALMOLOGY	Dr. Nikhil Aggarwal	Role of second generation inhalation steroids on intra ocular pressure in patients diagnosed with allergic rhinitis in indian sub-population
55.		Dr. Sanjeev Kumar	Effect of homatropine in eyes with fresh vitreous haemorrhage
56.		Dr. Anuradha Raj	Correlation between clinical and echographic measurements of optic disc cupping in glaucomatous eyes
57.		Dr. Sanjeev Kumar	Comparison of effect of homatropine, head elevation and observation in fresh vitreous haemorrhage using quantitative ophthalmic ultrasonography
58.		Dr. Anuradha Raj	Comparative morphometric evaluation anterior chamber angle in primary angle closure suspects after dark room prone and mydriatic provocation test.
59.	ORTHOPAEDICS	Dr. Pankaj Kumar Sharma	Clinico-radiological evaluation and correlation or associations of magnetic resonance imaging (mri) findings and clinical presentations in degenerative lumbar canal stenosis
60.		Dr. Tarun Goyal	Association between reproductive factors and osteoarthritis of the knee joint in Indian females
61.		Dr. Kavin Khatri	Triamcinolone vs ketorolac injection for the treatment of tennis elbow: A prospective, Randomized, Multicenter study
62.		Dr. Kavin Khatri	Evaluation of mean platelets volume, platelets lymphocyte ratio and neutrophils lymphocyte ratio in patients with knee osteoarthritis
63.	OTORHINOLARYNGOLOGY	Dr. Vaibhav Saini	Neuropsychiatric adverse effects of montelukast therapy in ENT patients
64.		Dr. Vikasdeep Gupta	Age related hearing impairment demography and quality of life
65.		Dr. Vaibhav Saini	Prevalence of otological disorders among school going children
66.		Dr. Vikasdeep Gupta	Clinical and cephalometric relationship of the upper airway in adenotonsillar hypertrophy patients
67.		Dr. Vaibhav Saini	Risk factors of post COVID -19 rhino-orbito-cerebral mucormycosis in India: Case –control study,2021
68.	PAEDIATRIC SURGERY	Dr. Navdeep Dhoat	To study the clinical spectrum, demographic profile and parent satisfaction of patients attending telehealth services in paediatric surgery opd during covid-19 pandemic at a tertiary care centre in north india.
69.		Dr. Jasmeen Kaur	To evaluate the efficacy of new hematological parameters for screening of the chronic obstructive pulmonary disease patients in tertiary care hospital
70.		Dr. Manjit Kaur	A prospective study to evaluate anaemia as disease burden in geriatric patients at a tertiary care centre in Punjab

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71.		Dr. Navdeep Dhoat	To study the clinical spectrum, demographic profile and parent satisfaction of patients attending telehealth services in paediatric surgery OPD during covid-19 pandemic at a tertiary care centre in north India.
72.	PHARMACOLGY	Dr. Abhinav Kanwal	Health-related quality of life in patients with epilepsy receiving anti-epileptic drugs in a tertiary care teaching hospital in north india a cross-sectional study
73.	PHYSIOLOGY	Dr. Sonia Kochhar	Impact of bls
74.		Dr. Dipti Magan	Effect of yoga-based lifestyle intervention (ybli) on cognition in major depressive disorder (mdd) project ppt
75.		Dr. Meena Mirdha	Feedback on online academic activity, level of internet addiction and insomnia among 1st year undergraduate medical students and teachers during COVID-19 pandemic: a multicentric study.
76.	PSYCHIATRY	Dr Jitender Aneja	An exploratory study to evaluate restless legs syndrome in patients attending psychiatry outpatient at a tertiary care hospital in Punjab
77.		Dr Bharat Udey	A study to evaluate mental health outcomes among covid-19 inpatients at a tertiary care hospital in Punjab
78.		Dr Jitender Aneja	A survey of patient satisfaction with telepsychiatry service during covid 19 pandemic
79.		Dr Jitender Aneja	Patient satisfaction with telemedicine services through WhatsApp messenger at a tertiary care hospital in Punjab
80.		Dr Bharat Udey	A study on intimate partner violence among women suffering from depression among tertiary care hospital of Punjab
81.	RADIODIAGNOSIS	Dr Navdeep Kaur	Chest ct findings in coronavirus disease 2019 (covid-19) pneumonia
82.		Dr. Harmeet Kaur	Role of spiral and uterine artery doppler indices during the first trimester (6-13 weeks) in predicting early pregnancy loss
83.		Dr Navdeep Kaur	Quantitative MRI evaluation of degeneration disc disease in patients presenting with chronic low back pain.
84.		Dr Navdeep Kaur	Assessment of covid 19 vaccine recipient for vaccine associated axillary lymphadenopathy- a pilot study
85.	RADIOTHERAPY	Dr. Rohit Mahajan	Prevalence of mental health disorders in head and neck cancer patients
86.	SURGICAL ONCOLOGY	Dr. Nikhil Garg	General surgery junior residents perspective vis-à-vis gaps in surgical oncology training
87.	UROLOGY	Dr Kawaljit Singh Kaura	Relationship between bladder wall thickness, uroflowmetry and pressure -flow studies in bladder outlet obstruction.
88.	BIOCHEMISTRY	Dr. Rajani	Perceived concerns regarding COVID-19 vaccination and its experience of vaccination amongst vaccinated groups- A survey based cross sectional study
89.	GENERAL SURGERY	Dr. Jaspreet Singh	Effectiveness of combination of Vit E and evening primrose oil vs placebo on severe periodic barest pain/cyclical mastalgia among premenopausal women: a double blind randomized trail
90.	PATHOLOGY	Dr. Manmeet Kaur	Role of Micronucleus scoring in Cervical Intraepithelial Lesions and Carcinoma Cervix

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91.		Dr. Manmeet Kaur	Association of mean neutrophil lymphocyte ration with disc herniation among patient visiting the tertiary care institute
92.		Dr. Manjit kaur	To evaluate cyto morphological details of atypical grandular cell on cervical pap smear as per Bethesda 2014 in different age groups a two-year prospective study.
93.	M.B.B.S. STUDENT'S PROJECT	Student Name – Priya Garg Guide Name – Dr. Saket Sinha	Assessment of the obesity profile of chronic kidney disease(CKD) biomarkers in prediabetes and early diabetes mellitus: A pilot study
94.		Student Name – Ankit Singh Negi Guide Name – Dr. Himanshu Sharma	Comparative analysis of pesticide toxicity with altered biochemical parameters in plasma samples from cancer patients
95.		Student Name – Pankhita Ghai Guide Name – Dr. Dipti Magan	Assessment of Cognitive functions in patients with alcohol–use disorder: Psycho-Biochemical Evidence
96.		Student Name – Nidhi Guide Name – Dr. Navita Aggarwal	Assessment of Knowledge of cord blood banking among health professionals of northern India