

List of research proposals submitted to the Research Cell in 2020

Protocol number	Details of the PI	Department	Project title	Status
2020-001	Dr Avinash Prakash	Anaesthesia	Basic Life Support (BLS): Knowledge, Attitude and Practice among health care providers	Approved
2020-002	Dr Anita Yadav	Obstetrics and Gynaecology	Knowledge and perception about the ongoing COVID-19 pandemic in pregnant women	Approved
2020-003	Ms Sujata Durg.	MBBS student	Prevalence of urinary incontinence among females above 20 years in a rural setting in Maharashtra	Revised protocol to be submitted
2020-004	Dr Kiran Kumar	ENT	Co-relation of COVID-19 swab positive status with duration of symptoms: What is the best time for specimen collection for COVID?	Approved
2020-005	Dr Vijay Bidkar	ENT	Assessment of olfaction and taste sensation in ARI patient on background of COVID-19 pandemic	Approved
2020-006	Dr Sonakshi Jyrwa	Psychiatry	Love in Times of COVID-19- Study of Stress, Dyadic Coping and Relationship Satisfaction in Couples in India during the COVID-19 pandemic	Approved
2020-007	Dr Richa Juneja	Pathology	Study of pattern of haematological abnormalities in COVID-19 patients	Approved
2020-008	Dr Nisha Meshram	Pathology	Evaluation of markers of disease progression in COVID-19	Approved
2020-009	Dr Bharat Rathod	Medicine	Study of serum Vitamin D level and its correlation with severity of illness and outcome in COVID-19	Approved
2020-010	Dr Sreelakshmi	Psychiatry	COVID-19 related anxiety and information seeking behaviour in older adults: a cross-sectional study	Approved
2020-011	Dr Rajashree Khot	Medicine	A Randomized Open-Label Study To Evaluate The Efficacy And Safety Of Favipiravir And Umifenovir As Compared To Favipiravir Alone In Moderate Hospitalized Adult Indian COVID-19 Patients	Approved
2020-012	Dr Urmila Dahake	Pediatrics	Teleconsultation for children with Developmental Disabilities during the Corona pandemic: caregiver's experience	Approved
2020-013	Dr Ganesh Jadhav	Dental	Cross-sectional study to investigate correlation between self-rated oral health and oral hygiene index among patients referred to dental OPD	Approved
2020-014	Dr Prashant Joshi	Medicine	A randomized, double blind, two arm, placebo controlled clinical trial to evaluate the efficacy and safety of <i>Mycobacterium w</i> in preventing COVID-19 in subjects at risk of getting infected with COVI	Approved

2020-015	Dr Prashant Joshi	Medicine	A randomized, double blind, two arm, placebo controlled clinical trial to evaluate the efficacy and safety of <i>Mycobacterium w (Mw)</i> administered along with standard of care versus placebo administered with standard of care, in adult, COVID-19 positive patients hospitalized but not critically ill	Approved
2020-016	Dr Ashok	Biochemistry	The study of Ischemia modified albumin as an early marker for diagnosing prediabetes in women	Approved
2020-017	Dr Seema Garg	Biochemistry	Assessment of spectral properties of hemoglobin in subjects with COVID 19-a pilot study	Approved
2020-018	Dr Prathamesh Kamble	Physiology	Designing and development of multi-purpose wristband for geofencing and health monitoring of COVID-19 suspects	Approved
2020-019	Dr Vibha Dutta	Director	Determinants of mortality due to COVID in India	Approved
2020-020	Dr Avinash Prakash	Anaesthesia	Apprehension of patients posted for surgery during COVID-19 pandemic: the matter needs to be addressed	Approved
2020-021	Dr Jyotsna Gumastha	Physiology	Effect of N95 filtering facepiece respirator with and without surgical mask in cardio-respiratory parameters in health care workers: a cross-sectional comparative study	Approved
2020-022	Dr Suyog Jaiswal	Psychiatry	Psychological impact of COVID 19 outbreak in antenatal women in India	Approved
2020-023	Dr Mrunal Phatak	Physiology	Screening the HCN channel proteins in the human spermatozoa	Approved
2020-024	Dr Mrunal Phatak	Physiology	A pilot study to investigate the effect of the volume of viral transport medium (VTM) on the viral load of SARS-Coronavirus 2 in COVID-19 Samples	Approved
2020-025	Dr Payal	Anatomy	Utility of e-learning media in self-directed learning	Revised protocol to be submitted
2020-026	Dr Gayatri muthiyan	Anatomy	AETCOM Module “Cadaver as teacher” for first year medical students: Need, Challenges and Impact	Revised protocol to be submitted
2020-027	Dr Vishwajit Deshmukh	Anatomy	Age related changes in the neurons and the glial cells of the dorsal root ganglia	Approved
2020-028	Dr Anusha Kamath	Obstetrics and Gynaecology	Patient preference of Expectant Management of Missed Abortion at a tertiary care centre in Central India	Approved
2020-029	Dr Arvind S Kushwaha	Community Medicine	Assessment of risk factor for Coronavirus Disease in Health care workers	Approved
2020-030	Dr Satyendra Tripathi	Biochemistry	A cross-sectional study to compare Vitamin D, Vitamin B12 and Folic acid levels in diabetes with or without nephropathy	Approved
2020-031	Dr Prathamesh Kamble	Physiology	Study of baroreceptor latency in subclinical hypothyroidism	Approved
2020-032	Dr Satyendra Tripathi	Biochemistry	Profiling of coronavirus receptors in various cancers using bioinformatic approach	Approved

2020-033	Dr Shuchita Mundle	Obstetrics and Gynaecology	The effect of Coronavirus disease 2019 (COVID-19) on pregnancy	Approved
2020-034	Dr Bharat Sontakke	Anatomy	Study of relation between serum Ischemia Modified Albumin levels and diabetic nephropathy in patients with type 2 diabetes mellitus	Approved
2020-035	Dr Prathamesh Kamble	Physiology	Designing of a mobile phone based, AI powered point of care device for diagnosis and risk stratification of common respiratory illnesses deployable to auxiliary medical professionals and patients for home based care	Approved
2020-036	Dr Prakash Gondonde	Anaesthesia	Patient's comprehension of pre-anesthesia evaluation services in a tertiary health care teaching institute of central India: a questionnaire-based survey	Approved
2020-037	Dr Ashok	Biochemistry	The study of biochemical parameters and viral load in COVID 19 patients with and without complications	Approved
2020-038	Dr Satyendra Tripathi	Biochemistry	Prognostic and mechanistic evaluation of PSME1 in lung cancer	Approved
2020-039	Dr Vijay Bidkar	ENT	Comparison of outcomes of conventional and self salivary sampling in COVID 19 specimen sampling	Approved
2020-040	Dr Ganesh Dakhle	Pharmacology	Analysis of suspected adverse drug reactions reported for drugs used in prophylaxis or treatment of COVID-19	Approved
2020-041	Dr Shuchita Mundle	Obstetrics and Gynaecology	A phase III, randomized, double-blind, placebo controlled multi-country study to demonstrate the efficacy of a single dose of RSV MAT (RSVPreF3) vaccine administered IM to healthy pregnant women 18 to 45 years of age, for prevention of RSV LRTI in their infants upto 6 months of age	Approved
2020-042	Dr Jaya Prasad Tripathy	Community Medicine	Fellowship in Operational Research: Learning By Doing	Approved
2020-043	Dr Sujiv A	Community Medicine	Screening of Early Chronic Kidney Disease among Diabetes and Hypertensive patients in primary care setting in Nagpur: a hospital based analytical cross-sectional study	Approved
2020-044	Dr Kalaiselvi S	Community Medicine	Impact of restructuring and expansion of service delivery for NCDs in urban health care settings- A health system implementation research in the state of Maharashtra, India	Approved
2020-045	Dr Chaitali Chindhalore	Pharmacology	Impact of educational intervention on knowledge, attitude and practice regarding Pharmacovigilance among nursing officers of a tertiary care teaching institute	Approved
2020-046	Dr Soumya Das	Transfusion Medicine	Knowledge, Attitude and Practice of Healthcare Workers towards Blood Donation	Approved
2020-047	Dr Kanishk Singh	Ophthalmology	Spectrum of ocular findings and presence of SARS-CoV-2 in tears in Corona virus disease	Approved

2020-048	Dr Vivek Tiwari	Orthopedics	A cadaveric study of Anterolateral Ligament of the Knee in Indian Population	Approved
2020-049	Dr Vivek Tiwari	Orthopedics	A Fetal cadaveric study of Anterolateral Ligament of the Knee in Indian Population	Approved
2020-050	Dr Meena Mishra	Microbiology	Validation testing of Xamin Rapid Antigen Detection Kit for COVID-19	Approved
2020-051	Dr Sunita Kumbhalkar	Medicine	A Randomized, Open-Label 2-Treatment Group Clinical Trial Evaluating the Efficacy and Safety of 2 Deoxy-D-Glucose as an adjunctive therapy to standard of care, in comparison to standard of care alone, in the Acute Treatment of moderate to severe COVID 19 patient	Approved
2020-052	Dr Sanjeev Chaudhury	Dermatology	A Multicentre, Randomized, Double-blind, Double dummy, Three arm, Placebo controlled, Parallel study to evaluate the Efficacy and Safety of Dimethyl Fumarate Gastro-Resistant Capsule of XXXX with Fumaderm Gastro-Resistant tablet of Biogen GmbH in Subjects with Moderate to Severe Chronic Plaque Psoriasis	Under review
2021-001	Dr Pratikshya Mohapatra (PG thesis)	Microbiology	Evaluation of Methicillin Resistant Staphylococcus Aureus and its Genotyping from Clinical Isolates in AIIMS Nagpur	Approved
2021-002	Dr Manopriya (PG thesis)	Microbiology	Phenotypic and Genotypic characterisation of Carbapenem resistant <i>Enterobacteriaceae</i> isolates in AIIMS, Nagpur	Approved
2021-003	Dr Devipriya (PG thesis)	Pathology	Study of Expression of Claudin and e-Cadherin in Invasive Breast Cancer and its correlation with clinico-morphological features, predictive and prognostic markers	Approved
2021-004	Dr Shruti (PG thesis)	Pathology	Study of PLA2R glomerular staining & serum PLA2R antibody detection in patients with membranous nephropathy & utility of serum PLA2R antibody to monitor disease progression	Approved
2021-005	Dr Mohit (PG thesis)	Pharmacology	Comparison of efficacy, safety and cost-effectiveness of montelukast plus bilastine with montelukast plus levocetirizine in patients of allergic rhinitis: a prospective randomized, open label parallel study	Approved
2021-006	Dr Aishwarya Laxmi (PG thesis)	Community Medicine	Prevalence and determinants of development delay in children of 12-36 months old in the area of Bela PHC, Nagpur	Approved
2021-007	Dr Yedhu S (PG thesis)	Community Medicine	Mental Health challenges faced by Health care providers involved in the care of COVID 19 patients in the city of Nagpur: a mixed method study	Approved
2021-008	Dr Anand Chellapan	Nephrology	Controlled evaluation of Angiotension Receptor Blockers in COVID-19 respiratory disease (CLARITY)	Approved

2021-009	Dr Manish Shrigiriwar	FMT	Impact of respiratory rehabilitation on Pulmonary Function Test (PFT) and Exercise Endurance in post-COVID patients	Under review
2021-010	Dr Neeta Gade	Microbiology	Respiratory Pathogen identification among Influenza like illness (ILI) patients using Biofire Film Array: A record based analysis	Approved
2021-011	Dr Rajashree Khot	Medicine	A Randomized, Double-Blind, Placebo-Controlled, Phase 2 Study of LY3471851 (NKTR-358) in Adults with Systemic Lupus Erythematosus	Approved
2021-012	Dr Mubashshera Khan	Community Medicine	Acceptability of COVID-19 vaccine and its determinants: a cross-sectional study among health care providers of Nagpur, Maharashtra	Approved
2021-013	Dr Sitikantha Bannerjee	Community Medicine	Out of pocket expenditure for COVID 19 related care and health care seeking behaviour among households in Nagpur city: an analytical cross-sectional study	Approved
2021-014	Dr Vivek Tiwari	Orthopedics	Cross-cultural adaptation and validation of Hindi version of Foot and Ankle Outcome Score (FAOS)	Under review
2021-015	Dr Niranjana Gopal	Biochemistry	Diagnostic accuracy of Urinary Albumin-to-Creatinine-Ratio (UACR) in screening Diabetic Kidney Disease: A community based cross-sectional study	Under review
2021-016	Dr Ashish Gupta	Pharmacology	Active surveillance of adverse events following immunization (AEFI) of COVID 19 vaccine (ChAdOx1) at a tertiary care teaching hospital in Nagpur	Approved
2021-017	Dr Soumya Das	Transfusion Medicine	Social media usage among Transfusion Medicine specialists: a pan India survey	Under review
2021-018	Dr Sujiv A	Community Medicine	Validation of ICF based tools for assessment of functional profile in selected neurodevelopmental disorders: a mixed methods study	Under review
2021-019	Dr Vivek Tiwari	Orthopedics	Role of Vitamin D and various Serum Biomarkers including Cartilage Oligomeric Matrix Protein (COMP), Retinol Binding Protein 4 and MMP-3 in Knee Osteoarthritis: A Randomized, Placebo-Controlled, Double Blinded Study un Indian Population	Under review