

Research projects/clinical research projects sponsored by the government funding agencies during the last five years (INR in Lakhs)

Name of the Project/ Clinical Trial/ Endowment/ Chairs	Name of the Principal Investigator/Co Investigator	Name of the Funding agency	Type (Government/Non-Government etc.,)	Department of Principal Investigator/ Co Investigator	Year of Award	Funds provided (INR in Lakhs)	Duration of the project
Automated irrigation system for agricultural field	Mr.Darshan ML Mr.Darshan Gowda R Ms.Monisha R Gowda Ms. Aishwarya T	Karnataka State Concil For Science and Technology	Government	Civil Engineering	2022-23	0.05	6 Months
lot based coal mine safety monitoring and alerting System	Ms.Pooja KV Ms.Chitrashree N Ms.Hemavathi LN Ms.Kavya KJ	Karnataka State Concil For Science and Technology	Government	Computer Science and Engineering	2022-23	0.04	6 Months
Crop yield prediction based on Indian agriculture using machine learning	Ms.Varsha HC Ms.Revanth NR Ms.Thejaswini KR Ms.Vibha B	Karnataka State Concil For Science and Technology	Government	Computer Science and Engineering	2022-23	0.035	6 Months
An automated irrigation system for smart agriculture Using the iot	Mr.Prajwal BN Mr.Manoj MR Mr.Akash KR Mr.Beerendra Prasad NM	Karnataka State Concil For Science and Technology	Government	Computer Science and Engineering	2022-23	0.04	6 Months
Railway track fault using robotics	Mr.Jeevan P Ms.Indushree HS Mr.Karthik MN Ms. Bhanushree	Karnataka State Concil For Science and Technology	Government	Computer Science and Engineering	2022-23	0.04	6 Months
An Efficient Electronic Nasal Pod For Air Pollution Detection	Ms. Rakshitha CS Mr.Nithyaraj GP Ms.Poorvik MP Ms.Varshini S	Karnataka State Concil For Science and Technology	Government	Electronics and Communication Engineering	2022-23	0.06	6 Months
Solar Based Ev Charging System	Mr.Pavankumar S Mr.Sanjay HB Mr.Vivekgowda DS Mr.Hemanth PS	Karnataka State Concil For Science and Technology	Government	Electronics and Communication Engineering	2022-23	0.07	6 Months
Wireless Electronic Nose For Monitoring Emission Levels Using Android Application	Ms.Nisarga M Mr.Sandeep B Mr.Nandan S Mr.Darshan DS	Karnataka State Concil For Science and Technology	Government	Information Science and Engineering	2022-23	0.05	6 Months
Visual Passcode: Enhancing Security With Graphical authentication	Ms.Vaishnavi KH Mr.Shashank HS Mr.Mithun Hebbar HN Mr.Sudhanva H	Karnataka State Concil For Science and Technology	Government	Information Science and Engineering	2022-23	0.04	6 Months
Design And Implementation Of Eye Pupil Movement Basedpin Authentication	Ms.Pratiksha N Ms.Hemadarshini MP Ms.Pooja Ms.Spoorthi SK	Karnataka State Concil For Science and Technology	Government	Information Science and Engineering	2022-23	0.04	6 Months
Analysis of rainfall and temperature trend series in mandya district, karnataka using mann-kendall and sen's slope test	Mr.Prajwal L Ms.Deepthi S G Mr.Sanjay H U Ms.Suprith B S	Karnataka State Concil For Science and Technology	Government	Civil Engineering	2021-22	0.04	6 Months
IOT irrigation Monitoring and Controller System	Ms.ShreeRaksha S Ms.Sowmya LN Ms.Sumathi Ms.Sushma S R	Karnataka State Concil For Science and Technology	Government	Computer Science and Engineering	2021-22	0.06	6 Months
Air Quality Monitoring and Machine Learning	Ms.Pragathi D Ms.Huzamima Fathima Ms.Rachana J G Ms. Ranjitha H G	Karnataka State Concil For Science and Technology	Government	Computer Science and Engineering	2021-22	0.04	6 Months
Risk Prediction of Chronic Kidney Diseases Using Machine Learning	Ms. Sinchana A Ms. Shalini P Mr. Rohith H R Ms. Yashaswini R	Karnataka State Concil For Science and Technology	Government	Computer Science and Engineering	2021-22	0.05	6 Months
Smart Tourist Guide Android Application Based On Machine Learning Techniques	Ms. Namratha Priya S R Ms.Ankitha G R Ms. Arpitha Gowda S G Ms. Sahana R	Karnataka State Concil For Science and Technology	Government	Electronics and Communication Engineering	2021-22	0.05	6 Months

Mastitis Detection In Cattle Using Machine Learning	Ms. Raksha M R Mr. Abhishek Gowda BS Ms. Poornima B N Ms. Prakruthi K	Karnataka State Concil For Science and Technology	Government	Electronics and Communication Engineering	2021-22	0.05	6 Months
Paralysis Patient Health Care System Using lot	Ms.Anusha U C Ms.Asha H N Ms. Chaithra C K Ms. Manasa B	Karnataka State Concil For Science and Technology	Government	Electronics and Communication Engineering	2021-22	0.05	6 Months
Picture Password to ensure security from shoulders surfing Attacks	Ms.Nayanashree M Ms.Niveditha N Mr.Raghavendra S Mr.Shashank Gowda G N	Karnataka State Concil For Science and Technology	Government	Information Science and Engineering	2021-22	0.05	6 Months
Prediction Accuracy Improvement for Bitcoin Market Prices	Ms.Meghana KS Ms.Aruna T Ms.Fathima Shafin Ms.Zeenath	Karnataka State Concil For Science and Technology	Government	Information Science and Engineering	2021-22	0.06	6 Months
License plate recognition using machine learning	Mr.Darshan B R Ms.Arptha K J Ms.Likitha S Ms.Likhithashree M K	Karnataka State Concil For Science and Technology	Government	Information Science and Engineering	2021-22	0.05	6 Months
Predicting types of strokes using ML techniques	Mr.Pramukha AU Mr.Younus Zain Mr.Rahul C N Mr. Darshan M P	Karnataka State Concil For Science and Technology	Government	Information Science and Engineering	2021-22	0.04	6 Months
AI based protecting system for online tests	Ms.Vandana Ms.Hema Ms.Jeevitha M D Ms.Nischitha K B	Karnataka State Concil For Science and Technology	Government	Information Science and Engineering	2021-22	0.05	6 Months
Atherogenic and Thrombotic Indices in Diabetes and their influence on Glycaemic status: A tertiary care hospital based study	Mr. Mahanth	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2021-22	0.2	2 months
Utility of vitreous chemistry in elucidating the mechanism of death in clinical and forensic settings.	Ms. Anusha M	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2021-22	0.2	2 months
Relationship of mean platelet volume in predicting severity in hypertensive retinopathy- A cross sectional study	Mr. Nirant Mali	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2021-22	0.1	2 months
Evaluation of Antimicrobial activity of Ethanolic leaf extracts of Azadirachta Indica (Neem) on clinically Important Organism	Mr. Indradhanush U	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2021-22	0.1	2 months
Influence of acute physical exercise on cognitive performance in healthy young adults of a south Indian medical college- Randomized Controlled Trial	Miss.Vindhya NK	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2021-22	0.1	2 months
The effect of exercise on Electrocardiogram in young healthy subjects of B G Nagara in Mandya district of Karnataka	Ms. Pooja dharshini P	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2021-22	0.1	2 months
Reactive Rotational Molding of Bio-Based Polymes	Dr. Prashantha K	Vision Group on Science and Technology, Bengaluru, Karnataka	Government	Adichunchanagiri School of Natural Sciences	2021-22	15	2 years
Sensitilation of Triple Negative Breast Cancer cell to DOXO by Garcinol and pathway elucidation studies in nude mice tumor model	Dr. Shobith Rangappa	Vision Group on Science and Technology, Bengaluru, Karnataka	Government	Adichunchanagiri School of Natural Sciences	2021-22	15	3 years
Immuno-modulatory and Adjuvants effects of Chitosan Nanoparticles form Bombyx mori	Dr.K. Byrappa, Dr. Narasaraju, T.A. Dr. Pandareesh M.D.	Ministry of Textiles, Central Silk Board, Mysore	Government	Adichunchanagiri School of Natural Sciences	2021-22	46.59436	2 years
Novel semi synthetic bicephalous hetero lipid nanoparticulate system for mRNA delivery in the treatment of metastatic breast cancer	Dr. Prakash Gowdanavar	Karnataka State Concil For Science and Technology	Government	Sri Adichunchanagiri college of pharmacy	2021-22	15	2 years

AI based Pilot system for Visually Impaired people	Ms.Aishwarya D Mr.Aishwarya KP Ms.Bhumika Ms. Nayana M	Karnataka State Concl For Science and Technology	Government	Computer Science and Engineering	2020-21	0.06	6 Months
Automated Evaluation of Covid-19 risk factor	Ms.Sneha N J Ms.Smitha M Mr.Spoothi H Mr. Raju M D	Karnataka State Concl For Science and Technology	Government	Computer Science and Engineering	2020-21	0.035	6 Months
Feasible study on utilization of stone cutting slurry in concrete mix	Mr.Shridhara H A Mr.Shashank D Mr.Suman S M Mr.Ujwal K R	Karnataka State Concl For Science and Technology	Government	Civil Engineering	2020-21	0.04	6 Months
Swadeshi Hi-Tech Robot For Teaching	Ms.Pooja A C Ms.Suchithra K M Ms.Supriha B M Ms.Sushma U J	Ms apex lab, Kengeri, Bengaluru, Karnataka	Government	Electronics and Communication Engineering	2020-21	0.045	6 Months
Embedded Based Heart Rate Measuring (Hrm) Device Using Fingertip	Ms.Chandana B Ms.Nanditha S A Ms.Dhanalakshmi G K Ms.Jayalalitha N G	Karnataka State Concl For Science and Technology	Government	Electronics and Communication Engineering	2020-21	0.05	6 Months
Non-Invasive Wearable Glucose Level Monitoring The Corona Virus Pandemic	Mr.Thejas M N Mr.Prajwal R Mr.PavanKumar V Mr.Chandan C R	Karnataka State Concl For Science and Technology	Government	Electronics and Communication Engineering	2020-21	0.05	6 Months
Deign and Fabrication of finger Movement Controlled Wheel Chair for Differently Abled Person	Mr.Rajेशha N Mr.Umesh M Mr.Gagan Kumar H S Mr.Tirumala Mastappanail	Karnataka State Concl For Science and Technology	Government	Mechanical Engineering	2020-21	0.07	6 Months
COVID-19: Face mask detector and alarm system using Raspberry PI	Ms.Sushmitha R Ms.Shreegowri K Boodi Ms.Shreya H C Ms.Vidyashree S	Karnataka State Concl For Science and Technology	Government	Electronics and Communication Engineering	2020-21	0.04	6 Months
Wearable device to track COVID-19	Ms.Arptha K M Ms.Chaithra H B Ms.Harshitha H R Mr.Nithin M R	Karnataka State Concl For Science and Technology	Government	Electronics and Communication Engineering	2020-21	0.06	6 Months
A study to evaluvate the effectiveness of video assited teaching on knowledge regarding prevention corona virus among saff nurses working in AH and RC B G Nagara karnataka	Mr. Dipankar Maiti	Rajiv Gandhi University of Health sciences, Karnataka	Government	Medical Surgical Nursing	2020-21	0.15	3 Months
Value addition of Cellulose and Chitin Isolated from Sericulture Waste for Advance Packing Applications	Dr.K. Byrappa Dr. Prashantha K Dr. Babu A Manjashetty Dr. Vivek H.K.	Ministry of Textiles, Central Silk Board, Mysore	Government	Adichunchanagiri School of Natural Sciences	2020-21	39.1036	2 years
Farmer Friend: lot Based Smart Polyhouse	Ms.Priyanka C Ms.Prathima H G Mr.Nischith Shetty Mr.Omprakash T P	Karnataka State Concl For Science and Technology	Government	Electronics and Communication Engineering	2019-20	0.04	6 Months
An Early Detection Of Exudates In Retinal Fundus Images Using Svm Algorithm	Mr.Sunil Raj D J Ms.Sucharitha B S Ms.Sandhyarani S K Ms.Reshma K A	Karnataka State Concl For Science and Technology	Government	Electronics and Communication Engineering	2019-20	0.035	6 Months
Use of different agricultural waste in concrete for economical and sustainable environment	Mr.Karthik Ms.Pranithakumari D N Ms.Apoorva Sindhu KR Mr.Sanjay	Karnataka State Concl For Science and Technology	Government	Civil Engineering	2019-20	0.03	6 Months
Vomeronasal organs in humans: A study of its anatomical position and microscopic structure.	Ms. Shrisha S	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2019-20	0.1	2 months
Influence of regular extracurricular activities on academics in medical students.	Ms. Ananya N Krishnaswamy	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2019-20	0.1	2 months

Correlation of atherosclerosis of cerebral vasculature with vasa vasorum density: A histological study	Ms Anupama V S	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2019-20	0.1	2 months
Analgesic effect of instrumental music on cold pressor responses in middle aged healthy individuals	Ms. Sanjana Srinivas	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2019-20	0.1	2 months
Effect of Type 2 Diabetes Mellitus duration on Pulmonary functions in rural population	Mr. Adnan Nayazi	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2019-20	0.1	2 months
Ceftaroline in-vitro activity against methicillin resistant staphylococcal isolates in a rural tertiary health care centre	Mr. Prajwal SS	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2019-20	0.2	2 months
Isolation and Identification of Candida Species from Various Clinical Samples and Their Biofilm Production Status	Ms. Prateeksha S	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2019-20	0.1	2 months
Evaluation Of Various Methods For Detecting Biofilm Formation Among The Clinical Isolates Of Staphylococcus Species	Ms. Shruti Nair	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2019-20	0.1	2 months
A Study on Maternal Factors Affecting Low Birth Weight in Institutional Deliveries	Ms. Chaithra A	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2019-20	0.1	2 months
Self Care Practices Among Type 2 Diabetes Mellitus Patients in Rural Population	Ms. Richitha S	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2019-20	0.1	2 months
A Study On Knowledge And Attitude On Vector Borne Diseases Among Secondary School Students Of Rural Mandya	Ms. Chidri Srusti	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2019-20	0.1	2 months
Knowledge, Attitude, Practices of medical students towards cleaning of stethoscope and its role in transmission of hospital acquired infections	Mr. Yatheesh K P	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2019-20	0.1	2 months
Evaluation of serum adenosine deaminase activity and iron deficiency anemia in gestational diabetes mellitus and normal pregnancy in a rural sector	Mr. Niteesha S S	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2019-20	0.1	2 months
Fallacies of wound certificate documentation in medicolegal cases by Indian doctors	Mr. Nithin Gowda	Rajiv Gandhi University of Health Sciences, Bengaluru	Government	Short Term Studentship by Indian Council of Medical Research	2019-20	0.2	2 months
Prevalence of under nutrition among school going adolescents 10 to 17 years in rural area of south India	Mr. S Madhu Singh	Rajiv Gandhi University of Health Sciences, Bengaluru	Government	Short Term Studentship by Indian Council of Medical Research	2019-20	0.093	2 months
Correlation of atherosclerosis of cerebral vasculature with vasa vasorum histopathologica	Ms. Anupama	Rajiv Gandhi University of Health Sciences, Bengaluru	Government	Short Term Studentship by Indian Council of Medical Research	2019-20	0.085	2 months
Synthesis and characterization of novel immune modulators for treating psoriasis: feasibility, scheme development and insilico understanding	Dr. T. Yunus Pasha	All India Council for Technical Education	Government	Pharmaceutical Chemistry	2019-20	10.41	2 years
Determination of antimicrobial activity of cow urine collected in different time interval of the day	ManojMouli C	Rajiv Gandhi University of Health Sciences, Bengaluru	Government	Pharmacognosy	2019-20	0.14	1 year
Evaluation of nutritional, phytochemical and antioxidant activity of exotic fruit of Limonia Acidissima	Vasantha T S	Rajiv Gandhi University of Health Sciences, Bengaluru	Government	Pharmacognosy	2019-20	0.15	1 year

Exploitation of Eleusine caracana (finger millet) as a potential nutritional agent	Nischith S S	Rajiv Gandhi University of Health Sciences, Bengaluru	Government	Pharmacognosy	2019-20	0.15	1 year
Evaluation of polar and non polar fractions of Tinospora cardifalia for antidiabetic and antioxidant activity	Vedashree P M	Rajiv Gandhi University of Health Sciences, Bengaluru	Government	Pharmacognosy	2019-20	0.15	1 year
Advanced Laboratory for drinking water quality testing in Nagamangala and surroundings	Dr. T Mahadevaiah	Vision Group on Science and Technology, Bengaluru	Government	Civil Engineering	2018-19	30	10 Years
Drinking water quality analysis of nagamangala and belluru hobli of Nagamangala taluk	Mr. Harisha T D	Karnataka State Concil For Science and Technology	Government	Civil Engineering	2018-19	0.04	6 Months
Smart Bicycle Based On lot Using Raspberry Pi	Mr. Karthik A S	Karnataka State Concil For Science and Technology	Government	Electronics and Communication Engineering	2018-19	0.06	6 Months
Study on behaviour of FRC with the use of sisal fibre with partial replacement of cement by limestone powder	Ms. Lakshmi N P	Karnataka State Concil For Science and Technology	Government	Civil Engineering	2018-19	0.035	6 Months
Design of submerged floating tunnels	Mr. Jeevan Kumar P	Karnataka State Concil For Science and Technology	Government	Civil Engineering	2018-19	0.055	6 Months
Reduce the usage of water in furrow irrigation and excess water from field is used for artificial ground water recharge	Mr. A B Pradeep Kumar	Karnataka State Concil For Science and Technology	Government	Civil Engineering	2018-19	0.05	6 Months
Autonomous All Time Medicine Counter For Medicine self Dispensing	Ms. Munisahana M	Karnataka State Concil For Science and Technology	Government	Electronics and Communication Engineering	2018-19	0.05	6 Months
Characterization and Property Evolution of Zirconium Nano Reinforced Aluminium Alloy Nano Matal Matrix Composites(A356)	Dr.Girish.K.B	Vision Group on Science and Technology, Bengaluru	Government	Mechanical Engineering	2018-19	10	2 Years
Relationship of mean platelet volume with HbA1c in predicting the level of glycaemic control in Type 2 Diabetes Mellitus	Ms Amruthavarshini D	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2018-19	0.1	2 months
Atherogenic Predictor Indices : Role in Assessment of Cardiovascular Risk in Type 2 Diabetes Mellitus	Mr Yashwanth S Gowda	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2018-19	0.1	2 months
Study frequency of hypertension, obesity and their relationship with life style factors in medical students A cross-section	Mr Anish Batra	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2018-19	0.1	2 months
Blood pressure variability in hypertension related comorbidities A study in a rural medical	Ms Galla Dharani	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2018-19	0.1	2 months
Knowledge, Attitude and Practice towards prevention of Hepatitis B virus infection among medical students of a rural medical college.	Ms Madhurya H S	Indian Council of Medical Research	Government	Short Term Studentship by Indian Council of Medical Research	2018-19	0.1	2 months
Formulation and Evaluation of Novel Nano-Herbo-Synthetic Oral drugs for absorption enhancement activity'	Dr. Vedamurthy Joshi	Vision Group on Science and Technology, Bengaluru, Karnataka	Government	Pharmaceutics	2018-19	20	2 years