

Extramural Research Projects

Sl. No.	Name of the Research Projects	Principal Investigator and Co-Investigators	Funding Agency	Year of Sanction	Total Amount (Rs. in lakhs)
1.	Autologous Platelet Rich Fibrin as a promising strategy in the management of chronic periodontitis in diabetics.	Dr. Rajesh K.S. Dr. Anupama Rao Dr. Vijaya Kumar Dr. Ashwini Prabhu	Science and Engineering Research Board (SERB)	2023	23.856
2.	Impact of Karate training program on perceived life stress, sleep quality and self esteem.	Dr. Rajesh M.	ICMR	2023	10.600
3.	Evaluation of the properties of tissue conditioner containing co-polymerizable quarternary-ammonium based antimicrobial monomers as an antimicrobial additive.	Dr. Sowmya Rao Dr. Ashwini Prabhu	VGST	2023	2.986
4.	Capacity building for Humanitarian ehtics in forensic investigation, reprting, and research publicaiton dealing with cadavers in the Indian Context.	Dr. Mohammad Nasir Ahmad Dr. Vina Vaswani	American Academy of Forensic Sciences Humanitarian and Human Rights Resource Center (HHRRC) Grants	2023	8.110
5.	Treatment adherence, tolerability and safety of Ayurveda therapeutic regimen in the management of Primary Knee	Dr. Zenica D'Souza	Central Council of Research for	2023	32.016

	Osteoarthritis: An OPD-based study.		Ayurvedic Sciences		
6.	Evaluation of the therapeutic potential of an anti Diabetic formulation - An invivo study.	Dr. Rahul Yashavanth Dr. Sridhar Gokhale Dr. Asha Maradka	Kef Holdings Pvt. Ltd.	2023	4.95
7.	Role of anthocyanin in modulating radiation induced epithelial mesenchymal transition in Estrogen receptor positive breast cancer.	Ms. Swapna M. Nair	DST-WOSA	2023	21.550
8.	Electrochemical detection of serotonin using a conducting polymer based sensor modified with metal oxide nanoparticles and reduced graphene oxide.	Ms. Sharmila Prashanth	DST-WOSA	2023	21.566
9.	Prediction of lymph node metastasis and overall survival in oral squamous cell carcinoma base on proteomics platform.	Dr. Sameera Begum	DST-WoS	2023	33.564
10.	Mutational profiling of targeted cancer related genes in Oral squamous cell carcinoma among South Indian population future perspectives in therapeutics.	Dr. Hafeeda Kunhabdulla	ICMR-WoS	2023	35.175
11.	A study on the Anti-Cancerous Effect of Lantana Camara in Human breast cancer cell lines.	Mr. Rishik Arun Kumar	Central Council for Research in Ayurvedic Sciences	2023	0.500
12.	A comparative in vitro study to evaluate the antibacterial potential of Swarjikadi Churna and Swarjikadya Ghrita.	Ms. Yamini Krishna	Central Council for Research in Ayurvedic Sciences	2023	0.500

13.	A comparative in-vitro study of the antioxidant and nephroprotective action of the roots of Abrus precatorius and Achyranthes aspera.	Ms. Riya Sen	Central Council for Research in Ayurvedic Sciences	2023	0.500
14.	A Cross-Sectional Study to Find the Level of Stress and the Factors Contributing to it Among the First Year BAMS Students.	Mr. Varna Subramanian	Central Council for Research in Ayurvedic Sciences	2023	0.500
15.	Evaluation of Nutritive value and In vitro anti diabetic study of Ayurvedic Therapeutic diet in maintaining blood glucose levels.	Ms. Adila A. A.	Central Council for Research in Ayurvedic Sciences	2023	0.500
16.	A determinative study to evaluate the extent of nutritional similarities of human milk with lagu panchamoola sadita Gavya Ksheeram in comparison with cow milk.	Ms. Anaswara Vinod	Central Council for Research in Ayurvedic Sciences	2023	0.500
17.	Development of Disposable Electrochemical Nanobio Microfluidic Paper Analytic Device as a Point-of-Care Testing Platform for Deficiency of Vitamin D and Clinical Validation.	Dr. Sudhakara Prasad K.	ICMR	2022	18.496
18.	Regulation of Plasmodium Cell Cycle and Cell Division by Protein Phosphorylation.	Dr. Pushkar Sharma Dr. T S Keshava Prasad	DBT/ Wellcome Trust India Alliance	2022	892.84
19.	A novel mucoadhesive delivery platform containing dapsons as a treatment	Dr. Veena K.M.	BIRAC (BIG)	2022	50.000

	modality for oral lichen planus with enhanced tolerability and improved efficacy.				
20.	Prebiotics from Onion Waste as Functional Foods and Medicine.	Dr. Veena K.M.	Onion Grand Challenge 2022 (Department of Consumer affairs)	2022	0.750
21.	Localized delivery of cyclosporine - A to cause thickening of the Peri-Implant Mucosa during the placement of dental implants.	Dr. Vivek Ghatge M. Dr. Veena K.M.	MSME	2022	13.000
22.	Evaluation of staining propensity of silver diamine fluoride and silver diamine fluoride with potassium iodide among children aged 4 & 6 year in Mangaluru - A comparative study.	Dr. Praveena N.	Indian Association of Public Health Dentistry	2022	0.150
23.	Inducing reversal of skeletal muscle atrophy in type 2 diabetes by intrinsic stem cell mobilization using bioactive lipids.	Dr. Sudheer Shenoy	DBT	2022	37.812
24.	Regulation of malaria parasite division by protein phosphorylation.	Dr. Keshava Prasad T.S.	DST-SERB	2022	25.788
25.	Development of an interactive database of ischemic stroke-associated aberrant phospho- proteome - a goldmine of candidate biomarkers and potential therapeutic targets?	Dr. Arnab Dutta	DST-SERB	2022	28.960

26.	The effect of online classes on mental and physical health of students in health professions.	Mr. K.M Thousil Dr. Junaid	ICMR-STs	2022	0.200
27.	Assessment of Inflammatory cytokines IL-6 and IL-8 in the saliva of Vaccinated and Non Vaccinated children: A case control study.	Ms. Manjusha Ullas Dr. Rachana V Prabhu	ICMR-STs	2022	0.200
28.	A study to assess the salivary antibodies in vaccinated and non-vaccinated individuals with respect to Covid-19 virus.	Mr. Abhinandan Kumar Dr. Vishnu Prabhu	ICMR-STs	2022	0.200
29.	Comparison of the Lamendin's and Johanson's Technique of age estimation using dentin Translucency on Karnataka populations.	Ms. Sheikh Sadaf Dr. Sudeendra Prabhu	ICMR-STs	2022	0.400
30.	To evaluate the correlation between Vitamin D deficiency and naïve B-lymphocyte activation and function in Patients with recurrent upper respiratory tract infections.	Dr. Divya Lakshmanan M. Dr. Gangadhara Somayaji Dr. Nayana V.G.	ICMR	2021	10.824
31.	Gut Microbiome and cancer cells crosstalk as a molecular drug target for colon cancer.	Dr. Rajesh P. Shastry Dr. Yashodhar P. Bhandary	ICMR-DHR	2021	30.520
32.	Therapeutic potential of AHL analogues through neutrophil extracellular traps mediated bacterial clearance during	Dr. Rajesh P. Shastry Dr. Yashodhar P. Bhandary Dr. Irfan K.M.	DBT	2021	44.055

	chronic obstructive pulmonary disease.				
33.	Validation of a bioactive bacterial exopolysaccharide (EPS-A21) as a novel biomaterial for wound care.	Dr. Rekha P.D.	BIRAC-ETA	2021	149.770
34.	Clinical Validation of Novel Dual PAD Microfluidic Device for the screening of Parkinson's disease.	Dr. K. Sudhakaraprasad	BIRAC-ETA	2021	110.970
35.	Human studies of a novel gel formulation containing Halofuginone Hydrobromide to establish the safety, tolerability, and Preliminary efficacy in single dose and multiple dose studies in healthy subjects and patients with oral submucosal fibrosis.	Dr. Veena K.M.	BIRAC-ETA	2021	192.940
36.	Phase I/II clinical trial of a novel asparaginase mutant for the treatment of primary and relapse acute lymphoblastic leukemia.	Mr. Asim Syed Sheeraz	BIRAC-ETA	2021	199.900
37.	Demonstration of safety, tolerability and determination of the dose of 3'3'-diselenopropionic acid (DSePa) in humans.	Mr. Asim Syed Sheeraz	BIRAC-ETA	2021	199.100
38.	Development of Lateral flow-based Paper Analytical Device for detection of sphingomyelinase in urine for early phase of leptospirosis.	Dr. K. Sudhakaraprasad Dr. Rekha P.D.	DHR	2021	25.757
39.	Molecular Characterization of the human	Dr. Shankar Prasad Das	ICMR	2021	42.000

	fungal pathogen <i>Malassezia furfur</i> .				
40.	Cardio-metabolic effects of meat intake in Indians: a pilot study to build nutritional metabolomics capacity and establish short-term and long-term biomarkers of meat intake and metabolish in Indian context.	Dr. Keshav Prasad Dr. Kinra Dr. Raghu Bhushan Dr. Bhagya Bhat	MRC, London School of Hygiene and Tropical Medicine	2021	61.000
41.	Qualitative assessment of archival formalin fixed parafin embedded (PFPE) oral cancer tissue blocks and differetial expression of proteins using high resolution mass spectrometry.	Dr. Sameera Begum Dr. Riaz Abdulla	ICMR	2021	6.742
42.	Assessment of CD26/DPP IV and its correlation with ketogenic gluten free diet and gastro-intestinal symptoms in autism spectrum disorders.	Dr. Kavya Soundararajan Dr. Riaz Abdulla	ICMR	2021	0.500
43.	Deciphering the role of vitamin D on IncRNA-pERK1/2-AKT-FOXO axis during skeletal muscle differentiation: Implications to skeletal muscle atrophy and osteoarthritis.	Dr. Raghu Bhushan Dr. Yashodhar P. Bhandary	DST-SERB	2021	40.425
44.	Enhancing the sustained release of growth factors from platelets using natural sulphated polysaccharide for treating chronic wounds.	Dr. Rekha P.D.	ICMR	2021	2.704
45.	A mycological and molecular study on etiology and drug resistance of chronic	Dr. Manjunath Shenoy M.	ICMR	2021	2.704

	and recurrent dermatophytosis.				
46.	Effectiveness of oral moisturizers in xerostomia among institutionalized Type II diabetic patients - A Randomized controlled trial.	Dr. Krishnaprakash G. Dr. Praveen Jodalli	Indian Association of Public Health Dentistry	2021	0.150
47.	Double slot bracket design; its innovating design allows incorporating two different arch wires for correction of dental malocclusion.	Dr. Salwa B.M. Dr. Subramanya Shetty	KCK Dental Pvt. Ltd	2021	0.550
48.	A case –control study on the evaluation of cardiovascular morbidity in psoriasis.	Dr. Malcolm Pinto Dr. Vedanth Laddha	Indian Association of Dermatologists, Venereologists and Leprosy	2021	0.500
49.	Nutrition and tuberculosis: Center for Nutrition Studies.	Dr. Anurag Bhargava Dr. Madhavi Bhargava	Letz Dream Foundation	2021	40.000
50.	Early Translation Accelerator (ETA projects).	Mr. Asim Syed Sheeraz Dr. Arun A.B.	DBT-BIRAC	2020	100.000
51.	Long term effects of yoga on psycho neuroendocrine functions among adolescent healthy volunteers.	Dr. Naveen G.H. Dr. Yashodhar P. Bhandary	DST	2020	39.708
52.	Effectiveness of silver diamine fluoride in early childhood caries among 24-72 months old children in Mangaluru Taluk: A randomized control trial.	Dr. Amitha Bashir Dr. Praveen Jodalli	ICMR	2020	0.500

53.	Assessment of the biopsychosocial impact on caregivers of head and neck cancer patients undergoing radiotherapy: A prospective cohort study.	Ms. Arya Raju Dr. Praveen Jodalli	ICMR-STS	2020	0.200
54.	Treatment of Radiation-induced stomatitis in patients with head and neck cancer using honey as a mouthwash.	Ms. TD Jeevika Dr. Hasan Sarfaraz	ICMR-STS	2020	0.200
55.	Biomarker discovery in seronegative Neuromyelitis Optica (NMO).	Dr. Keshava Prasad T.S.	ICMR	2020	14.378
56.	Understanding the clomiphene citrate-induced changes in secretory epithelial cells of human fallopian tube.	Dr. Keshava Prasad T. S.	ICMR	2020	38.601
57.	Effect of corticosteroids in the pathophysiology of dermatophytosis and antifungal susceptibility testing of isolates from patients with steroid modified tinea.	Dr. Manjunath Shenoy M.	Indian Association of Dermatologists, Venereologists and Leprologists	2020	6.72
58.	Early Translation Accelerator (ETA projects).	Mr. Asim Syed Sheeraz Dr. Arun A.B.	DBT-BIRAC	2020	10.000
59.	Design and fabrication of micro fluidic PDMS - Paper chip for early detection of neonatal sepsis.	Dr. Rajesh P. Shastry Dr. K. Sudhakaraprasad Dr. Mithun	DST-SYST	2020	28.479
60.	A study on the role of steridiogenesis activating transcription factor 3 in the development of hypospadias on male	Dr. Bindu Suma Shekhar Dr. Yashodhar P. Bhandary	ICMR	2020	11.555

	mice induced by finasteride-a randomized controlled trial.				
61.	Identification of the molecular mechanism of degenerative disc disease using high-resolution mass spectrometry.	Dr. Janardhana Aithala P. Dr. Prashant Kumar Modi	ICMR	2020	34.974
62.	Molecular changes/damages, in the ocular surface associated stem cell populations, in response to, acute exposures to ultraviolet radiation (UVR) dose ranges and amelioration using novel Epigallocatechin gallate (EGCG) analogues from marine sources: an <i>in vitro</i> study.	Dr. Bipasha Bose Dr. Kajal Chakraborty Dr. Sudheer Shenoy P.	ICMR	2020	37.970
63.	Skill development in mass spectrometry – based metabolomics technologies.	Dr. Keshava Prasad T.S.	DBT	2020	200.000
64.	Indications and cost of care of caesarean section among mothers residing in two selected primary health centre areas of Dakshina Kannada, Karnataka-A community-based cross-sectional study.	Dr. Basma Reem Ameer Dr. Abhay Subhashrao Nirgude	ICMR	2020	0.500
65.	Comparative study of nutritional status including body composition and immune function in adult patients with pulmonary tuberculosis & extra pulmonary tuberculosis.	Dr. Mohammed Shin	RNTCP	2020	0.300
66.	Implementation status of screening for DM patients with TB in programmatic setting: A mixed method study in	Dr. Malavika Sachith	RNTCP	2020	0.300

Dakshina Kannada district, Karnataka.					
67.	Infection control measures in households of pulmonary tuberculosis patients enrolled under Revised National Tuberculosis Control Programme in Dakshina Kannada, Karnataka.	Dr. Muhammed Sali K.K.	RNTCP	2020	0.300
68.	Designing and validation of paper based colorimetric nano biochip for Parkinsons disease diagnosis.	Dr. K. Sudhakara Prasad	ICMR	2020	4.226
69.	To establish an IT platform for Health and Demographic Surveillance System (Kutumba Aarogya Sarvekshana Hagu Rakshana Yojane).	Dr. Abhay Nirgude	Samanvay Research and Development Foundation, Bengaluru, India	2020	19.278
70.	Establishment of SPARSH centre in a hospital centric incubator ecosystem.	Mr. Asim Syed Sheeraz Dr. Arun A.B.	DBT - BIRAC	2019	200.000
71.	Development towards early detection of cervical cancer.	Dr. Shankar Prasad Das	ICMR	2019	6.179
72.	Establishment of Med Tech design and Rapid prototyping Facility.	Dr. Akhter Hussain Dr. Arun A.B. Dr. Rekha P.D.	DBT - BIRAC	2019	457.850
73.	A study to assess the salivary cortisol level as a stress marker in patients with anterior missing teeth-An in-vivo study.	MS. Hisana Shahla Dr. Fahad Mohammed	ICMR-STs	2019	0.200
74.	Microbial Identification and surface	Ms. Sahana	ICMR-STs	2019	0.200

	distribution on dental light curing units: A cross- sectional study.	Dr. Karkala Syed Suhaim			
75.	Comparative evaluation of silk suture material and betadine impregnated suture materials in oral cavity: a microbiological study.	Ms. Lubma Layeequa Dr. Joyce Sequera	ICMR-STS	2019	0.200
76.	Is Oral hygiene a reliable predictor of mucositis for patients with head and neck cancer?	Mr. Varun B Nair Dr. Laxminarayan Sonde	ICMR-STS	2019	0.200
77.	The Save Appliance-An Innovative Device for Correcting Skeletal Class III Malocclusion.	Dr. Sandeep Shetty	DBT-BIRAC	2019	49.060
78.	Modulation of quorum sensing in selected gram - negative pathogenic bacteria using novel molecules.	Dr. Rekha P.D.	ICMR	2019	9.738
79.	A study on radio sensitization properties of natural compound against cancer cells.	Dr. Divya Lakshmanan M.	ICMR	2019	15.001
80.	Stimuli - responsive, tannic acid releasing biodegradable polymer hydrogels for chronic wound healing.	Dr. Renjith P. Johnson	ICMR	2019	10.144
81.	Evaluation of spatio temporal influences of interleukin-1 family cytokine: interleukin - 33 on cellular signal transduction pathways.	Dr. Sneha M. Pinto	ICMR	2019	15.216
82.	Analysis of total leucocyte and different count, C-reactive protein, ultrasound	Mr. Sheik Arshad Ali Dr. Anuradha Calicut Kini	ICMR-STS	2019	0.100

	picture as differentiating predictors of acute and chronic histopathologically proven appendicitis.	Rao			
83.	Influence of lifestyle stressors, menstrual, obstetric pattern and cardio metabolic risk factors on young female patients with abnormal uterine bleeding.	Ms. Manasvi Tyagi Dr. Grrishma B.	ICMR-STs	2019	0.100
84.	Influence of socio-demographic, lifestyle, menstrual and cardio metabolic risk factors on anemic female patients of reproductive age group.	Ms. Varsha Rao Dr. Kapana Balasubramaniam	ICMR-STs	2019	0.100
85.	Pathways of care among presumptive pulmonary tuberculosis patients: A cross sectional study from a tertiary care teaching hospital of coastal Karnataka.	Ms. Rakshitha Raghavendra Kadambettu Dr. Akshaya K.M.	ICMR-STs	2019	0.100
86.	Explanatory models of depression in a rural community of coastal Karnataka.	Ms. Sameeksha S. Hegde Dr. Ravichandra Karkal	ICMR-STs	2019	0.100
87.	Assessment of nutritional status and cognitive function among the elderly population in a rural area of Dakshina Kannada district, Karnataka.	Ms. Javeria Ruksar Dr. Poonam R. Naik	ICMR-STs	2019	0.100
88.	In vitro evaluation nitrofurantoin sensitivity among multidrug resistant bacteria causing community acquired urinary tract infections: An economic therapeutic option.	Ms. Annapoorna Vinod Dr. Rouchelle C.Tellis	ICMR-STs	2019	0.100

89.	A study on barriers of communication in undergraduate medical education from student's perspective.	Mr. Nandakishore Bommeri Dr. Imaad Mohammed Ismail	ICMR-STS	2019	0.100
90.	Effectiveness of silver diamine fluoride in early childhood caries among 24-72 months old children in Mangaluru taluk: a randomized controlled trial.	Dr. Amitha Basheer N.	Biodinâmica Química e Farmacêutica Ltda, Multi Brasil	2019	14.238
91.	Precise & accurate examination of Bacterial Lithogenic Urine Biomarkers (BaLUB) for kidney stone disease.	Dr. Mangesh V. Suryavamshi Dr. Rekha P.D.	DST-NPDF	2019	21.312
92.	Development of thermo responsive polymer nanogels for sustained release of Bevacizumab towards efficient treatment of diabetic macular edema.	Dr. Renjith P. Johnson Dr. Ashwini Prabhu Dr. Divya Lakshmi	DST-SERB	2019	38.787
93.	Influence of vitamin D on early cell-fate decision of human Pluripotent Stem Cells.	Dr. Raghu Bhushan	DBT	2019	-
94.	The RATINGS (Reducing Activation of Tuberculosis by Improvement of Nutritional Status) study: A Cluster randomized trial of nutritional support (food rations) to reduce TB incidence in household contacts of patients with smear positive pulmonary tuberculosis in communities with a high prevalence of under nutrition.	Dr. Anurag Bhargava	ICMR	2019	429.187
95.	Carbon nanodots caged nano-gel for	Dr. K. Sudhakaraprasad	DST-SERB	2019	37.691

	therapeutic drug delivery of latanoprost for glaucoma management.	Dr. Rashmi S.			
96.	Enablers & challenges in implementation of cash incentives to treatment supporters of patients with Tuberculosis: A mixed methods study from Dakshina Kannada, Karnataka, India.	Dr. Poonam R. Naik	RNTCP	2019	1.780
97.	Evaluation of infra-orbital nerve recovery and its effect on quality of life following open reduction and internal fixation of zygomatico-maxillary complex fracture.	Dr. Husain Mohammed Dhabaria	ICMR	2019	0.500
98.	Study of the effect of medicinal plant extracts with antioxidant and anti-inflammatory property against induced stimuli against corneal epithelial cells.	D. Cynthia Arunachalam	ICMR	2019	7.608
99.	Identification of blood and urinary markers to predict severity of neonatal asphyxia using high resolution mass spectrometry.	Dr. Arun A.B.	ICMR, Govt. of India	2019	9.298
100.	Dynamics of biofilm formation and virulence factors in urinary catheter associated <i>Pseudomonas aeruginosa</i> strains.	Dr. Rekha P.D.	ICMR	2019	4.232
101.	Point of care testing platform for early diagnosis of Leptospirosis.	Dr. Arun A.B.	ICMR	2019	4.226
102.	Profile of adverse drug reactions and treatment outcomes among new and	Dr. Subhashree Nandy	RNTCP	2019	0.300

	retreatment pulmonary tuberculosis patients in Dakshina Kannada district, Karnataka.				
103.	Research and capacity building in nutrition programme through technical documentation on analysis of malnutrition status of adolescents and a short course on nutrition assessment techniques.	Dr. Madhavi Bhargava	United Nations Childrens Fund (UNICEF), New York	2019	7.276
104.	Tackling the two greatest obstacles to tuberculosis elimination: treatment of latent infection and drug resistance.	Dr. Anurag Bhargava	Canadian Institute of Health Research (CIHR)/ Research Institute: McGill University Health Centre, Quebec	2019	25.935
105.	Influence of the use of onetime definitive abutment and the conventional 2-stage implant connection protocols on the stability of the peri-implant hard/ soft tissues.	Dr. Mohammed Hasan Sarfaraz	Nobel BiocareKloten Switzerland	2019	12.312
106.	Systematic reviews & drug resistance analysis.	Dr. Vijayalaxmi Mogasale	International Vaccine Institute, South Korea	2019	5.590
107.	A comparative evaluation of the peri implant tissue response to PEEK based (Bio HPP) and to titanium implant abutment: a randomized clinical trial.	Dr. Mohammed Hasan Sarfaraz	Bredent Group India Pvt. Ltd	2019	12.822

108.	Enhancing knowledge and skills of NSS programme officer to educate community on prevention and control of common cancers.	Dr. Vijayakumar Dr. Ashwini Shetty	Govt. of Karnataka - NSSC	2018	38.750
109.	A multi-centric randomized controlled trial to assess effectiveness of brief nursing intervention for depression in pregnancy (BIND-P).	Dr. Pracheth R.	ICMR	2018	34.208
110.	Identification of serum based oral cancer biomarkers in tobacco chewers.	Ms. Varshasnata Mohanty Dr. Yashwanth Subbannayya	DST-WOSA	2018	21.500
111.	Fucoidan beads containing hydroxyapatite and graphene oxide for bone tissue repair and regeneration.	Dr. Jayachandran Venkatesan	DST-TARE	2018	18.30
112.	A novel therapeutic approach to treat myeloid malignancies by manipulation of c-MPL splicing.	Dr. Suparna Laha (PI), Dr. Ramdas Naik (Co-PI)	ICMR, Govt. of India	2018	23.245
113.	Development of recycling approach for the sustainable utilization of dental waste gypsum to overcome environmental burden.	Prof. Jayaprakash K.	VGST	2018	5.000
114.	Characterization of signalling mechanisms of neuroprotection conferred by Brahmi (<i>Bacopa monnieri</i>) in Alzheimer's disease.	Dr. Yashwanth Subbannayya	ICMR	2018	7.398
115.	Skeletal muscle fluorosis: effects of fluoride on skeletal muscle cells and its	Dr. Sudheer Shenoy Dr. Bipasha Bose	DST-SERB	2018	31.116

	associated mechanisms <i>in vitro</i> and <i>in vivo</i> studies.				
116.	Differentiation of human pluripotent stem cells into functional β islets using bioactive lipids.	Dr. Bipasha Bose Dr. Sudheer Shenoy	DST-SERB	2018	53.116
117.	Are the patients with tuberculosis in Dakshina Kannada district beneficiaries of the social welfare measures of the government? An operational research to facilitate linkages.	Dr. Akshaya K.M.	RNTCP	2018	1.960
118.	Implementation of airborne infection control in anti-retroviral therapy centres of Karnataka: a mixed methods operations research.	Dr. Pracheth R.	RNTCP	2018	1.950
119.	Salt reduction and low sodium salt substitutes: Awareness among health providers in Mangalore.	Ms. Afshaan Fathima K. Dr. Madhavi Bhargava	ICMR-STs	2018	0.100
120.	Significance of lymphocytic infiltrate in the development of hypothyroidism following thyroidectomy for benign thyroid lesions.	Ms. Mandara T.P. Dr. Prema Saldanha	ICMR-STs	2018	0.100
121.	Influence of lifestyle stressors, menstrual pattern and cardio metabolic risk factors on young female patients with cholelithiasis.	Ms. Tubah Iqbal Dr. Grrishma B.	ICMR-STs	2018	0.100

122.	Out of pocket expenditure among diabetic patients of a rural area of Dakshina Kannada district.	Ms. Ashiqa Ayisha Farhana Dr. Poonam R. Naik	ICMR-STS	2018	0.100
123.	Pretesting Maternal Nutrition Package under Pradhan Mantri Surakshit Matritva Abhiyan (PMSMA).	Dr. Madhavi Bhargava	United Nations Childrens Fund (UNICEF), New York	2018	1.236
124.	Discovering new therapeutic targets and drugs to combat AMR tuberculosis: proteomics characterization and drug screening of mycobacterium-infected macrophages.	Dr. T. S. Keshava Prasad	Norweigan University of Science, Trondheim and The Olav Thon Foundation	2018	57.893
125.	Evaluation of cornea friendly phaco-tip position during clear corneal phacoemulsification cataract surgery: a randomised, triple - blind, parallel group trial of phacoemulsification with bevel-up versus bevel- down.	Dr. Soujanya K.	Wellcome Trust/ DBT India Alliance	2018	101.036
126.	Fibrinolytic system and miR 200a in EMT and pulmonary fibrosis.	Dr. Yashodhar Bhandary Dr. Rekha P.D.	DBT	2018	34.000
127.	Therapeutic potential of curcumin in regulation of IL-17A during acute lung injury and fibrosis.	Dr. Yashodhar P. Bhandary Dr. Bipasha Bose Dr. Sudheer Shenoy	ICMR	2018	7.877
128.	Development and application of high resolution genome conformation capture technology to investigate genome architecture in space and time.	Dr. Shyama Prasad Rao	DBT	2018	17.080

129.	Development of a wound healing material from the biopolymers produced by two novel bacterial strains isolated from west coast of India.	Dr. Rekha P.D. Dr. Yashodhar P. Bhandary	DBT	2018	39.622
130.	Anti breast and colon cancer therapy via modulation of cancer stem cells and its associated mechanisms.	Dr. Bipasha Bose	ICMR	2018	14.320
131.	Proteogenomics pipeline to identify potentially pathogenic functional variants by integrating high-throughput cancer genomics and proteomic datasets.	Dr. Harsha Gowda	ICMR	2018	13.888
132.	Comparative evaluation of vestibular incision subperiosteal tunnel access (VISTA) with platelet rich fibrin and connective tissue graft in the management of multiple gingival recession defects: A randomized split mouth clinical study.	Dr. Jyosthna Madhurkar Dr. Shashikant Hegde	ICMR	2018	0.500
133.	Comparative evaluation of effect of silver diamine fluoride and glass ionomer cement on micro hardness of artificial caries lesion in primary teeth - an <i>in vitro</i> study.	Dr. Sahanai Sunny Dr. Sharan S. Sargod	ICMR	2018	0.500
134.	Study of association between valproic acid levels, biotinidase activity and hair loss in Indian population.	Dr. Anil Kakunje Dr. Ashwini Prabhu, Ms. Sindhu Priya ES Dr. Ravichandra Karkal	Indian Association of Private Psychiatry, Chandigarh	2018	3.000

135.	A white paper on developing ethical guidelines for Controlled Human Infection Model (CHIM) studies for India.	Dr. Vina Vaswani	Wellcome Trust, UK	2018	6.999
136.	Development and investigation of adjuvant therapeutic strategies for treating malignant glioma by gamma radiation in combination with angiogenesis inhibition.	Dr. Ashwini Prabhu Dr. Kishore Kumar Keekan	BRNS	2017	24.759
137.	Studies on the role of curcumin in blocking p53 in the reduction of severity of gamma irradiation induced apoptosis of alveolar epithelial cells.	Dr. Yashodhar P. Bhandary	BRNS	2017	24.799
138.	Design and fabrication of dual mode paper-analytical-device for point of care diagnostics.	Dr. K. Sudhakara Prasad Dr. Renjith P. Johnson	DBT	2017	29.610
139.	Early detection of Leptospirosis using immune carbon nanotubes.	Dr. Arun A.B.	ICMR	2017	27.253
140.	A study of physical, chemical and biological characteristics of surface and ground water from Deralakatte region in Dakshina, Karnataka.	Dr. Bhagya B. Sharma	VGST	2017	5.000
141.	Effect of artesunate on alcohol withdrawal induces anxiety in experimental animals.	Ms. Shafah Shamsuddin Dr. Shyamjith Manikkoth	ICMR-STs	2017	0.100
142.	Evaluation of anti-depressant activity of	Mr. Abhilash Aditya	ICMR-STs	2017	0.100

	delichos biflorus methanolic seed extract in albino mice.	Dr. Prabhakar Adake			
143.	A study of antimicrobial resistance pattern in biofilm producing ruopathogens in catheterized patients in a tertiary-care hospital.	Ms. Tasmiya Katheeja Dr. Neha V. Haswani	ICMR-STS	2017	0.100
144.	A hospital-based case-control study on risk factors of breast cancer among patients of coastal Karnataka.	Ms. Afshaan Fathima K. Dr. Padmini Thalanjeri	ICMR-STS	2017	0.100
145.	An epidemiological study of falls among the elderly population in a rural area of Dakshina Kannada district.	Ms. Hiba PP Dr. Poonam R. Naik	ICMR-STS	2017	0.100
146.	HIV related stigma and discrimination among health care workers from a private hospital in Dakshina Kannada district, Karnataka: A sectional study.	Ms. Aysha Niloufer Bukhari Dr. Varun N	ICMR-STS	2017	0.100
147.	Therapeutic role of tylophora indica on cognitive impairment associated with diabetes mellitus in experimental animal models.	Mr. Navaneeth Balakrishnan Dr. Rao S.N.	ICMR-STS	2017	0.100
148.	Prevalence and antimicrobial susceptibility pattern of clinical isolates of methicillin resistant staphylococcus aureus in a tertiarycare hospital in Mangalore.	Ms. Hannath Ayisha Reema Dr. Dominic R.M. Saldanha	ICMR-STS	2017	0.100
149.	Therapeutic role of Phyllanthus amarus on pilocarpine induced status epilepticus	Ms. Sushma H.P.	ICMR-STS	2017	0.100

	in experimental animals.	Dr. Roopa P. Nayak			
150.	Histomorphological assessment of reactive patterns in axillary lymph nodes draining invasive breast carcinoma.	Mr. Thrilok H. Dr. Prema Saldanha	ICMR-STS	2017	0.100
151.	Involvement of male in birth preparedness and complication readiness L A cross sectional study among urban slum dwellers in Mangalore, Karnataka.	Ms. M. Ramya Dr. Siddharudha Shivalli	ICMR-STS	2017	0.100
152.	Comparative study on antibiotic resistance of staphylococcus epidermidis isolated from clinical samples and from healthy skin of same patient.	Mr. Suhas K.S. Dr. Bhaskaran Nair T.	ICMR-STS	2017	0.100
153.	Evaluation of platelet indices in Type-2 diabetes mellitus.	Ms. Aishwarya Gowtham Dr. Sowmya B.U.	ICMR-STS	2017	0.100
154.	A study on internal location of the pterion and its neurosurgical implications.	Ms. Milan Hande Dr. Venkatesh Gokuldas Kamath	ICMR-STS	2017	0.100
155.	Toxic optic neuropathy among beedi rollers in Mangalore, Karnataka	Ms. Ansaba Naseer Dr. Soujanya Kaup	ICMR-STS	2017	0.100
156.	Prevalence and factors associated with Asthma and chronic obstructive pulmonary disease among rural elderly population.	Mr. Mohammed Nuhman Dr. Pracheth R.	ICMR-STS	2017	0.100

157.	Study of hematological and biochemical parameters in Patients with chronic kidney disease.	Mr. Mali Abhishek H.R. Dr. Alamanda K. Cariappa	ICMR-STS	2017	0.100
158.	Water, sanitation and hygiene- A household survey of a village in Dakshina Kannada.	Ms. Shilpa P.V. Dr. Madhavi A. Bhargava	ICMR-STS	2017	0.100
159.	Perceptions and practices of drug dispensers towards self medication of red eye in a coastal city of Karnataka.	Mr. Arjun A.K Dr. Rashmi S.	ICMR-STS	2017	0.100
160.	Antimicrobial susceptibility profile and extended spectrum Beta-lactamase production in klebsiella pneumoniae -A tertiary care hospital experience in Mangalore.	Ms. Misriyathul Rizna Dr. Amar Sunil Lobo	ICMR-STS	2017	0.100
161.	Determinants of self-care practices related to hypertension in the rural field practice area of a medical college in coastal Karnataka.	Ms. Vesta P. Rai Dr. Akshaya K.M	ICMR-STS	2017	0.100
162.	Immunomodulation by parasitic macrophage migration inhibitory factor in type II diabetes.	Dr. Keshava Prasad	ICMR	2017	23.000
163.	A novel strategy for enhancing the efficacy of Platelet Rich Plasma (PRP) in diabetic wound care.	Dr. Rekha P.D. Dr. Yashodhar Bhandary Dr. Ashwini Prabhu	DST-SERB	2017	42.052

164.	Mobile phone instructional video on sputum expectoration for tuberculosis suspects to enhance case detection: a programmatic RCT.	Dr. Siddharudha Shivalli	RNTCP	2017	1.200
165.	Assessment of cellular and molecular changes in response to thoron inhalation in mice.	Dr. Bipasha Bose Dr. Sudheer Shenoy	BRNS	2017	42.219
166.	Nutritional assessment of tuberculosis patients of Mangalore Tuberculosis Unit.	Dr. Madhavi Bhargava	RNTCP	2017	1.100
167.	Cost of care among patients of category tuberculosis enrolled under RNTCP in Mangaluru Tuberculosis Unit, Dakshina Kannada.	Dr. Vishnu C.S.	RNTCP	2017	0.300
168.	Study on Delay in Diagnosis and treatment of adult patients with tuberculosis enrolled under directly observed treatment short course (DOTS) in Dakshina Kannada and Udupi districts of Karnataka.	Dr. Amir Hussain	RNTCP	2017	0.300
169.	Physical accessibility of primary health centres for people with disabilities: on site assessment from South Indian district.	Dr. Nischith	Family of Disabled	2017	0.200
170.	Phosphorylation-mediated induction of salt stress signaling in primary root	Dr. Pratigya Subba	DST-SERB	2016	46.200

	growth of model plant <i>Arabidopsis thaliana</i> .	Dr. Sneha Pinto			
171.	Comparison of conventional locking titanium minipulate and 3dimentional lock in titanium minipulates in the treatment of mandibular fracture.	Dr. Harekal Ashwin Keshav Dr. Jagdish Chandra	ICMR	2016	0.250
172.	Anti-anxiety effect of eucalyptus tereticornis on alcohol induced anxiety in wistar albino rats.	Mr. Kevin Afreed Samuel Dr. Shyamjith Manikkoth	ICMR-STS	2016	0.100
173.	Antianxiety activity of methanol extracts caesalpinia pulcherrima leaf in wistar albino rats.	Mr. Sanketh Bhat S. Dr. Vinitha Ramanath Pai	ICMR-STS	2016	0.100
174.	Cheiloscopy as a marker or personal Identification.	Ms. Vanessa Fernandes Dr. Qudusia Sultana	ICMR-STS	2016	0.100
175.	Anthropometric study of foot dimensions in adult south Indian population of coastal Karnataka by regression analysis.	Mr. Hemanth B.H. Dr. Shivarama Bhat	ICMR-STS	2016	0.100
176.	Predictors of smoking cessation with reference to nicotine dependence in Health Professionals of Mangalore City.	Mr. Sajjad Salman A.M. Dr. Ashwini Shetty	ICMR-STS	2016	0.100
177.	Depression and quality of life among the elderly population in a rural area of Dakshina Kannada district.	Ms. Aishwarya S. Pai Dr. Poonam R. Naik	ICMR-STS	2016	0.100
178.	Delineating the role of IL-33 in COPD	Dr. Sneha Pinto	DST-INSPIRE	2016	70.475

179.	To evaluate the role of xenoestrogens in antibody receptor diversity and translocation: phytoestrogens and other endocrine disrupting compounds in modulating genomic stability, auto-immune diseases and cancers.	Dr. Divya Lakshmanan	DST-YSS	2016	39.300
180.	Evaluation of efficiency of three different commercially available KIT for chairside cariogenic bacteria – test caries risk test (Vivadent), saliva check mutans (GC) and cariscreen.	Dr. Vidya Babu Dr. Sundeep Hegde K.	ICMR	2016	0.250
181.	IgG4 levels in the saliva of children with autism spectrum disorder (ASD).	Dr. Sham S. Bhat	ICMR	2016	32.365
182.	Development of an intra-oral biocompatible radio-protective shielding device in radiotherapy of head and neck cancers.	Dr. Riaz Abdulla	BRNS-DAE	2016	16.410
183.	TB case notification to RNTCP by the private practitioners in Dakshina Kannada district, Karnataka.	Dr. Umer Farooq	RNTCP	2016	0.300
184.	A case control study on factors associated with defaults among TB patients in DK, Karnataka.	Dr. Viqar Ahmed	RNTCP	2016	0.300
185.	Evaluating the impact of cancer awareness outreach program in Udupi	Dr. Abhay Nirgude	Tata Education and Development	2016	64.000

	district of Karnataka state.		Trust, Mumbai		
186.	Programmatic management issues in tuberculosis and Diabetes Mellitus: a mixed method approach.	Dr. Poonam R. Naik	Tuberculosis Association of India	2016	0.200
CLINICAL TRIAL PROJECTS					
187.	A randomized, double-blind, placebo-controlled, multicenter study of ensivibep (MP0420) in ambulatory adult patients with symptomatic COVID-19.	Dr.Prabha Adhikari Dr. Pracheth Dr. Karan Hegde	IQVIA RDS Private Limited	2021	14.168
188.	A Phase 3, multicenter, randomized, double-blind, and 24-week study of the clinical and antiviral effect of S-217622 compared with placebo in non-hospitalized participants with COVID-19	Dr. Prabha Adhikari Dr. Karan Hegde	IQVIA RDS Private Limited	2021	19.153
189.	A randomized double-blind, placebo-controlled, multicenter trial assessing the impact of lipoprotein (a) lowering with TQJ230 on major cardiovascular events in patients with established cardiovascular disease.	Dr. Prasathanth R.M Dr. Rahul Ramanujam Dr. Khadeeja Nasiha	Novartis Healthcare Private Limited, Mumbai	2021	42.395
190.	Multicenter, Randomised, Double blind, Parallel, Phase III Global Study to Assess the Efficacy and Safety of BP01 (Bevacizumab) when compared to Avastin®-EU in Combination with Carboplatin and Paclitaxel during Induction phase and Bevacizumab alone during the Maintenance phase in patients	Dr. Tejesh Krishna Dr. Jalaluddin Akbar Dr. Rohan Shetty Dr. Amar Rao	Axis Clinical Trials, Hyderabad	2021	59.544

	with newly diagnosed or recurrent Stage IIIB/IV Non Squamous (ns) Non- Small Cell Lung Cancer (NSCLC).				
191.	Measuring tumor-specific genetic alterations in cerebrospinal fluid (CSF) as a biomarker of tumor burden in malignant brain tumor patients.	Dr. Pavaman Sindgikar Dr. Krishna Narayanan	Strand Life Science Private Limited, Bangalore	2021	17.100
192.	A prospective, Interventional, Open label, Randomized, Parallel Group, Multi-centric, Comparative Clinical Study to Evaluate the efficacy and safety of test drug, Potassium Chloride (K-Lyte) 600mg Immediate Release Tablet in comparison to reference drug, Potassium Chloride (Klor-Con)600 mg Extended Release Tablet in the treatment of the patients with Hypokalemia.	Dr. Prabha Adhikari Dr. Abhijith Rao Dr. Karan Hegde Dr. Shruthi S	ICBio Clinical Research Pvt. Ltd, Bangalore	2021	1.500
193.	A Randomized, Double Blind, Multicentric, Parallel-group, Phase III Clinical Trial to evaluate the Efficacy & Safety of 5% Spironolactone Topical Cream versus Placebo in Patients with Acne Vulgaris.	Dr. Manjunath Shenoy Dr. Spandana Hegde Dr. Malcolm Pinto Dr. Amina Asfia Dr. Asmia Razak	Alkem Laboratories Limited, Mumbai	2021	8.200

194.	A single- centre, open label study to establish the efficacy of mechanical ventilation device (RespirAID R20) designed for the purpose of providing breathing support for those patients who face difficulty in breathing.	Dr. Meghna Mukund Dr. Irfan	Remidio Innovative Solutions Pvt. Ltd, Bangalore & Biodesign Innovation Labs Pvt. Ltd, Bangalore	2020	1.063
195.	Evaluation of a fluorescence based urine albumin analysis and comparison with the gold standard with human urine sample.	Dr. Raghavendra Rao	Prantae Solutions Private Limited, Bhubaneswar	2020	0.762
196.	Multi-centre cross-sectional epidemiological study to characterize the prevalence and distribution of lipoprotein (A) levels among patients with established cardiovascular disease.	Dr. Prashanth R.M. Dr. Rahul Ramanujan Suvarna	Novartis Healthcare Private Limited, Mumbai	2019	5.771
197.	Itraconazole in the management of superficial fungal infection in India: a pilot study.	Dr. Manjunath Shenoy Dr. Spandana Hegde Dr. Amina Asfia M. I.	Johnson & Johnson Private Limited, Mumbai	2019	2.487
198.	A randomized, double blind, multicenter study assessing short (16 week) and long term efficacy (up to 1 year), safety and tolerability of 2 subcutaneous secukinumab dose regimens in adult patients with moderate to severe hidraenitis suppurativa (Sunrise).	Dr. Manjunath Shenoy. Dr. Malcolm Pinto Dr. Spandana Hegde Dr. Amina Asfia M. I.	Novartis Healthcare Private Limited, Mumbai	2019	0.346

199.	A 12- week, multicenter, randomized, double- blind, placebo controlled study to assess the efficacy and safety of QAW039 when added to standard-of-care asthma therapy in patients with uncontrolled asthma.	Dr. Prabha Adhikari M.R. Dr. Irfan Dr. Preethiraj Ballal	Novartis Healthcare Private Limited, Mumbai	2018	2.200
200.	A randomized, double-blind, placebo-controlled, parallel-group, multicenter study to demonstrate the effects of sotagliflozin on cardiovascular and renal events in patients with type 2 diabetes, cardiovascular risk factors and moderately impaired renal function.	Dr. Prabha Adhikari M.R. Dr. Prashanth R. M. Dr. Santhosh Pai	Sanofi Synthelabo (India) Private Limited, Mumbai	2018	9.466
201.	A phase I, multicentre, double –blind, placebo-controlled, randomized (intra-group) clinical trial to evaluate two doses of three sequentially escalating cohort of zika virus vaccine inactivated (adsorbed) (BBV121) in healthy adult dengue sero-negative and dengue sero-positive volunteers.	Dr. Prabha Adhikari M.R. Dr. Sudesh Shetty Dr. Rashmi Nazareth Dr. Shruthi	Bharath Biotech International Limited, Hyderabad	2017	25.528