

List of teachers receiving seed money: 2020-21

Sl.No	Name of the project	Name(s) of the teacher(s) working in the project receiving seed money	The amount of seed money provided (INR in lakhs)	Duration of the project
1	Assessment of Efficacy and Safety of ethanolic seed extract of Prosopis juliflora in fructose induced hyperglycemia in male wistar albino rats	Dr. R.Arunkumar	1.7	2 years
2	Evaluation of the feasibility of using the biomarker urine IP-10 to assess the treatment response to the pharmacotherapy of active pulmonary tuberculosis in the intensive phase as well as continuation phase.	Dr. A.Ruckmani	1.6	2 years
3	Evaluation of Osteoinduction property of aqueous extract of Tridax procumbens linn in wistar albino rats	Dr. A.Ruckmani	1.8	2 years
4	Assessment of efficacy and safety of aqueous extract of Kabasura kudineer and methanolic leaves extract of Prosopis juliflora in lipopolysaccharide induced Systemic Inflammatory Response Syndrome (SIRS) in male wistar albino rats	Dr. R.Arunkumar	1.8	2 years
5	Expression of Her2neu, PDL1 and Ki67 in gastric adenocarcinoma and its correlation with clinicopathological parameters	Dr. Vijayashree R	1.7	2 years
6	Diagnostic accuracy of Thromboplastin – Plasma cell block technique over conventional smear across a spectrum of fluids and fine needle aspirates.	Dr.Rajesh Kanna .N.R.	1.6	2 years

7	A Pilot Study to Estimate and Compare Platelet Derived Growth Factor and Vascular Endothelial Growth Factor in Platelet Rich Fibrin Across the Spectrum of Ages in Healthy Volunteers	Dr. Femela. M.	1.7	2 years
8	Phenotypic and Molecular Characterisation of Enterococcal isolates from clinical samples with special reference to drug resistance and virulence genes.	Dr. Priyadarshini Shanmugam	1.8	2 years
9	Genomic characterisation of SARS CoV2 strains detected from Covid 19 patients in a tertiary care hospital	Dr. Nirupa S	1.6	2 years
10	Candidemia in a Tertiary care Hospital – Beta D Glucan assay, speciation, AFST, virulence assessment and molecular confirmation of the isolates using in house colony PCR.	Dr. Priyadarshini Shanmugam	1.7	2 years
11	Estimation of out of pocket expenditure for immunization services and preference of vaccination centre among mothers of under five children in a rural area of Tamilnadu: A Cross Sectional study	Dr. Vinoth Gnana Chellaiyan. D	1.2	2 years
12	Continuum of care for maternal, newborn and Child health among mother-child pairs in rural area, Chengalpattu district: A Community based cross sectional study	Dr. Raja. D	1.2	2 years
13	Quality of Life of SARS-CoV-2 infected (COVID-19) patients with pre-existing comorbidities, discharged after recovery from a speciality hospital in Chengalpattu district: A Cross-Sectional Study.	Dr. Suruliraman. S. M	1.3	2 years
14	HPV Vaccination coverage and its barriers in females with no history of sexual debut - A Cross Sectional study among the urban population of Chengalpattu District	Dr. Suruliraman. S. M	1.3	2 years

15	Role of male partner in MCH care in rural and urban areas of Chengalpattu district- a comparative study (cross sectional study)	Dr. Suganthi. S	1.2	2 years
16	Self medication practices and use of over-the-counter antimicrobials among elderly in rural area of Chengalpattu district : A cross sectional study	Dr. Raja. D	1.2	2 years
17	Prevalence of disability and its association with socio-demographic factors among elderly in a rural setting of Chengalpattu: A Cross sectional study	Dr. Rajesh Kannan. S	1.2	2 years
18	Study on quality of life and work related stress among software professionals in Chengalpattu district- A cross sectional study	Dr. Aravind. M	1.3	2 years
19	Comparison of intravenous Dexmedetomidine 0.5 mcg/kg vs intravenous Dexmedetomidine 0.75 mcg before subarachnoid block to evaluate postoperative analgesia for infraumbilical surgeries- A Randomized double blinded study	Dr. Ashok Kulasekhar	1.7	2 years
20	Comparative study on oral Melatonin and oral Zolpidem on perioperative anxiety in surgeries done under regional anaesthesia-A Randomised double blinded study	Dr. Ashok Kulasekhar	1.6	2 years
21	Effect of prophylactic odansetron on the occurrence of hypotension during spinal anaesthesia for all infraumbilical surgeries- A Prospective randomised control study	Dr. Ravindran	1.6	2 years
22	Comparison of two different doses of magnesium sulphate as additives to Ropivacaine and Fentanyl in patients undergoing lower abdominal and lower limb surgeries under epidural anaesthesia	Dr. Lailu Mathews	1.5	2 years

23	Comparison of ultrasound guided supraclavicular block and costoclavicular block for forearm and hand surgeries	Dr. Anand	1.7	2 years
24	Comparative study of hemodynamic changes with Dexmedetomidine versus Magnesium sulphate as adjuncts during anaesthesia in laparoscopic surgeries – A Double blinded Randomised study	Dr. Anand	1.6	2 years
25	A Randomized control trial to study block characteristics of low dose 0.5 % Levobupivacaine using the technique sequential-combined spinal epidural anaesthesia with and without epidural volume extension	Dr. Merlin	1.7	2 years
26	Comparative study of intrathecal isobaric levobupivacaine (0.5%) with Dexmedetomidine 0.5 ml(5 mcg) and isobaric levobupivacaine (0.5%) with Fentanyl 0.5 ml(25mcg) in patients undergoing urological surgeries under Subarachnoid block:A Prospective Randomized double blind study	Dr. Balamurugan	1.7	2 years
27	Effects of varying doses of prophylactic phenylephrine on perfusion index in patients undergoing lower segment cesarean section under subarachnoid block- A double blinded prospective randomized control study	Dr. Arunkumar	1.6	2 years
28	Clinical efficacy,safety and tolerability of 20%glycolic acid peel and 15%lactic acid with 3.75% trichloroacetic acid peel in constitutional periorbital Melanosis-A comparative study	Dr. P Elangovan	1.8	2 years

29	A comparative study of Derma roller alone vs derma roller with prop in treatment of acne scars	Dr. M.S.Srinivasan	1.7	2 years
30	A Randomised control trail to compare the efficacy and safety of 40% Mandelic acid with 30% salicylic acid in Acne vulgaris	Dr.G.Srinivasan	1.8	2 years
31	Dermatoses in Fishermen	Dr. M.S.Srinivasan	1.7	2 years
32	A study on early identification of fungus in Chronic Rhinosinusitis using serum galactomannan and beta D glucan and assessing the clinicomycological profile and antifungal susceptibility pattern at a tertiary health care centre in South India	Dr. Priya K	1.5	2 years
33	The role of biofilm producing pathogens obtained from clinical specimens in patients with chronic otitis media	Dr. Priya K	1.8	2 years
34	Relationship of Absolute Eosinophil Count and Nasal smear eosinophils with severity of clinical score and treatment of outcome in patients with Allergic Rhinitis	Dr. Rajasekaran S	1.7	2 years
35	Effects of adenotonsillectomy in obstructive sleep disordered breathing in children with adenotonsillar hypertrophy	Dr. Rajasekaran S	1.8	2 years
36	Study Of Echocardiography To Detect Lv Dysfunctin In Relation With Lipid Profile In Ckd Patients	Dr. C Ramakrishnan	1.6	2 years
37	A Cross Sectional Study To Determine The Role Of Non-Invasive Parameters Such As (Fibrosis-4, Apri, Child Pugh And Renal Artery Resistive Index) As Predictors Of Esophageal Varices And Their Bleeding Risks In Cirrhotics	Dr. J Vigneshwaran	1.7	2 years

38	A Study To Determine The Role Of Stress Hyperglycemia, Neutrophil To Lymphocyte Ratio, Mean Platelet Volume And Platelet Distribution Width As The Predictors Of Clinical Outcomes In Patients With Acute Ischemic Stroke- An Observational Study In A Tertiary Care Center	Dr. V R Mohan Rao	1.8	2 years
39	Casual Association Of Serum Lipids In Patients With Acute Ischemic Stroke And Hemorrhagic Stroke- An Observational Study In A Tertiary Care Center	Dr. V R Mohan Rao	1.6	2 years
40	An Observational Study To Assess Microalbuminuria In Acute Coronary Syndrome In Nondibetic Patients From A Tertiary Centre In South India	Dr. Mayilananthi Kaliannan	1.7	2 years
41	IL- 33 In Diabetics And Its Correlation With Microvascular Complications	Dr. Durga Krishnan	1.6	2 years
42	A Study To Assess The Alteration Of Lipid Profile And Thyroid Status In Chronic Kidney Disease	Dr. V R Mohan Rao	1.8	2 years
43	A Comparative Study Of Three Novel Metabolic Indices, Visceral Adiposity Index (Vai), Lipid Accumulation Product Index(Lapi) And The Product Of Triacylglycerol And Glucose (Tyg) With Carotid Intima Medica Thickness (Cimt) As Markers Of Subclinical Atherosclerosis- An Observational Study In A South Indian Tertiary Care Center	Dr. Mayilananthi Kaliannan	1.7	2 years
44	An Observational Study To Assess The Level Of Interleukin 17a In Acute Coronary Syndrome	Dr. Mayilananthi Kaliannan	1.8	2 years

45	An Observational Study To Assess The Prevalance And Severity Of Microvascular Diseases Consistent With Diabetes Mellitus In Pre-Diabetics From A Tertiary Care Centre	Dr. Mayilananthi Kaliannan	1.5	2 years
46	A Comparative Study Between The Outcome Of Diperoxochloric Acid And Normal Saline Dressing In Diabetic Ulcers	Dr. Prabakar	1.6	2 years
47	A Prospective Study To Assess The Pre Operative Vitamin D Deficiency As A Predictive Factor Of Hypocalcemia In Post Operative Total Thyroidectomy Patients	Dr. Ramasubramanian	1.5	2 years
48	A Comparative Study To Assess The Incidence Of Seroma Formation After Ventral Hernioplasties With Local Application Of Tranexamic Acid Before Wound Closure Vs Conventional Wound Closure Without Tranexamic Acid	Dr. Senthil Kumar	1.6	2 years
49	A Comparative Study Of Effectiveness Of Topical Sucralfate Versus Conventional Saline Dressing In Diabetic Foot Ulcer	Dr. Anantharamakrishnan	1.8	2 years
50	A Comparative Study Between Autologous Platelet Rich Plasma And Silver Colloid In Grade 1 And 2 Diabetic Ulcer In Tertiary Health Centre	Dr. Loganathan	1.8	2 years
51	Delta Neutrophil Index As An Early Predictor Of Complicated Appendicitis	Dr. Karunanithi	1.7	2 years
52	Assessment Of Severity Of Peritonitis Using Mannheim Peritonitis Index	Dr. Muthuraj	1.5	2 years
53	A Study To Analyse The Correlation Of Crp Level And Glycemic Control In Outcone Of Diabetic Foot Ulcer Healing	Dr. Karunanithi	1.7	2 years

54	A Comparative Study Of N Butyl Cyanoacrylate With 3-0 Ethilon Suture Material For Skin Closure In Open Inguinal Hernia Repair In Tertiary Care Centre	Dr. Ragumani	1.7	2 years
55	A Randomised Double Blind Prospective Study To Compare The Efficacy Of Superoxidized Solution Versus Povidone Iodine In Diabetic Foot Ulcer	Dr. Prabakar	1.8	2 years
56	A Prospective Observational Study To Analyse The Diagnostic And Prognostic Value Of Platelet Indices In Emergency Non Traumatic Abdominal Surgeries In Tertiary Health Centre	Dr. Affee Asma	1.5	2 years
57	Evaluation Of Il 6 As A Early Predictive Marker For Severity Of Acute Pancreatitis	Dr. Anantharamakrishnan	1.7	2 years
58	A Randomized Control Trial To Determine The Effect Of Povidone Iodine Wash And Normal Saline Wash In Reducing Surgical Site Infection In Laparotomy Wounds	Dr. Ragumani	1.6	2 years
59	A New Clinical Scoring System (Apache-Ii & Clinical Signs) Vs Computerised Tomography Severity Assessment Of Acute Alcoholic Pancreatitis	Dr. Muralidharan	1.8	2 years
60	A Comparative Study To Find The Effectiveness Of Inflow's 60 Second Diabetic Foot Screening Tool Vs Modified Inflow's Diabetic Foot Screening Tool In Diagnosing Early Diabetic Foot Complications	Dr. Senthil Kumar	1.6	2 years
61	Role Of Serum Homocysteine As A Predictor Of Severity Of Peripheral Vascular Disease And Its Correlation With Doppler Ultrasonography	Dr. Ramasubramanian	1.7	2 years

62	Incidence of Postpartum Urinary retention in women undergoing normal delivery Versus Cesarean section.	Dr. Vijayalakshmi.K	1.8	2 years
63	A study of Efficacy and safety of Ormeloxifene Vs Progestin in DUB.	Dr. Anuradha.CR	1.8	2 years
64	Comparison of Induction of labour usng Foley's Catheter VS Dinoprostone gel.	Dr. Sailatha.	1.8	2 years
65	Association of FTO GENE polymorphism in PCOS women- A case control study.	Dr. Vijayalakshmi.K	1.6	2 years
66	A comparative study of efficacy of Isosorbide mononitrate Vs Dinoprostone gel.	Dr. Anuradha.CR	1.6	2 years
67	A study of influence of Pre-pregnancy BMI, gestational weight gain and it's effect on Materno-fetal outcome.	Dr. Vijayalakshmi.K	1.6	2 years
68	A comparative study in determining the safety and efficacy of Antimicrobials with Probiotics in Vaginal Infections.	Dr. Anuradha.CR	1.8	2 years
69	Prevalence of heart disease among asymptomatic antenatal mothers.	Dr. Sailatha.	1.7	2 years
70	Effect of Antenatal pelvic floor muscle training exercise on Labour and birth outcomes.	Dr.Sailatha.	1.5	2 years
71	Effects of topical intra ocular pressure lowering drugs on conjunctiva using impressive cytology	Dr. M.Rajakumari	1.8	2 years
72	Comparative study of conjunctival florapreoperatively before installation of antibiotic eyedrops after antibiotic eyedrops and after povidone iodine eyedrops in patient undergoing cataract surgery	Dr. K.Stephen Sudhakar	1.7	2 years

73	Comparative study on phaco time and corneal endothelial count in phacoemulsification using the stop and chop and divide and conquer techniques	Dr. K.Stephen Sudhakar	1.7	2 years
74	Comparison of corneal parameters and intraocular pressure between hydroxypropyl methyl cellulose and hydroxypropyl methyl cellulose with sodium hyaluronate after phacoemulsification	Dr. C.Shankar	1.6	2 years
75	Analysis of clinical outcomes of retrofixated iris claw lenses	Dr. Siddharam Janti	1.8	2 years
76	Functional outcome of non-operative treatment and image guided spinal intervention procedures in patients with lumbar degenerative disc disease	Dr. M. H. Subramaniam	1.6	2 years
77	Role of pre-operative pregabalin on post-operative pain management in orthopaedic surgery	Dr. Jamal Mohammed	1.6	2 years
78	Clinico functional outcome of mid third clavicle fracture treated with TENS vs plate osteosynthesis- a prospective comparative study	Dr. E. Pradeep	1.8	2 years
79	Short segment posterior fixation with index level screw versus long segment posterior fixation for management of unstable thoracolumbar fractures; a prospective study	Dr. M B Sathik babu	1.7	2 years

80	Outcome analysis following osteocytes is of tibial plateau fracture based on the Luo and the Hoekstra three column concept	Dr. M B Sathik babu	1.7	2 years
81	A comparative study between Singh's index and dual energy absorptiometry bone mineral density measurement for evaluating osteoporosis in elderly population	Dr. Jamal Mohammed	1.7	2 years
82	Hand function outcome in closed metacarpal fracture treated by open reduction and internal fixation by mini plating and K-wire fixation a randomised controlled trial	Dr. Selvam	1.8	2 years
83	Assessment of efficacy of proximal femoral nail antirotation-2 in management of unstable trochanteric fractures	Dr. Selvam	1.8	2 years
84	Accuracy and precision of measured blood glucose by four glucometers compared to standard techniques in neonates	Dr. Uma devi L	1.5	2 years
85	Epidemiological and clinical outcomes to analyze the use of amulets in children and its effect on child health presenting to a tertiary care centre	Dr. Kathir subramaniam	1.4	2 years
86	Validation of ARIA(allergic rhinitis and its impact on asthma)in paediatric population	Dr. Antony.J	1.5	2 years
87	Effects of delayed umbilical cord clamping versus umbilical cord milking at birth in vigorous neonates born via c-section	Dr. Uma devi L	1.6	2 years

88	Simethicone-fennel oil versus Indian Hammock intervention in the prevention of functional gastrointestinal disorders in early infants: an open-labelled, randomized control trial	Dr. Alexander.M	1.6	2 years
89	Effect of paladai versus cup feeding in low birth weight infants	Dr. Kathir subramaniam	1.5	2 years
90	RDW and neutrophil lymphocyte ratio as a predictor for severity of age in 6month to 5years.	Dr. Sujatha Sridharan	1.6	2 years
91	Comparison of effect of iron deficiency anemia on academic performance in children of age group 10 to 15 year-comparative cross-sectional study	Dr. Rathinasamy M	1.7	2 years
92	Evaluation of platelet parameters in children suffering with acute urinary tract infections- an observational study	Dr. Sujatha Sridharan	1.6	2 years
93	A Cross-Sectional Study On Comparison Of Prevalence Of Minor Physical Anomalies Between Bipolar Affective Disorder And Unipolar Depression	Dr. Sabari Sridhar O.T	1.5	2 years
94	A Cross-Sectional Study On Cognitive Functions And Emotional Dysregulation In Alcohol Dependence Syndrome	Dr. Sabari Sridhar O.T	1.4	2 years
95	A Cross Sectional Study On Relationship Between Premorbid Functioning And Perceived Well Being Of Patient And Primary Care Giver Of Schizophrenia In Remission	Dr. Sabari Sridhar O.T	1.6	2 years
96	Evaluation and correlation of disease severity with clinico radiological and pulmonary function parameters in post covid19 patients	Dr. Meenakshi.N	1.7	2 years

97	Utility of thoracic ultrasound in the follow-up of interstitial lung diseases	Dr. Meenakshi.N	1.7	2 years
98	Utility of LDCT in high-risk subjects for lung cancer screening and challenges in implementation	Dr. Meenakshi.N	1.6	2 years
99	Efficacy Of Chemoprophylaxis And Utility Of Tuberculin Skin Test Versus Interferon Gamma Release Assay In Screening Chronic Kidney Disease Patients For Latent Tuberculosis Infection	Dr. Meenakshi.N	1.8	2 years
100	Comparative assessment of efficacy of sonosalphingogram for tubal patency with hysterosalphingogram as gold standard	Dr. I Gurubharath	1.7	2 years
101	Imaging efficacy of Diffusion Tensor Imaging in early detection of Cervical Spondyloitic Myelopathies	Dr. Einstein Raju	1.8	2 years
102	Application of 3D CISS in the evaluation of cranial nerves	Dr. I Gurubharath	1.8	2 years
103	Comparative study between ultrasonography and MD Computed tomography in evaluation of pancreatic cystic lesions	Dr. Alex Daniel Prabhu	1.7	2 years
104	Quantitative analysis of Magnetic Resonance Spectroscopy to differentiate high grade gliomas from metastasis	Dr. Einstein Raju	1.6	2 years
105	Cross sectional study to evaluate role of magnetic resonance urography in detecting causes in patients with clinically suspected obstructive uropathy	Dr. Alex Daniel Prabhu	1.6	2 years

106	To compare the effectiveness of protein based diet versus carbohydrate diet in cyclists to improve nutritional status and performance	Dr. C. Ramesh	1.8	2 years
107	Running Biomechanics : Co relation with hamstring strength and 100 m sprint timings	Dr. C .Ramesh	1.7	2 years
108	Correlation of Lipoprotein A and Homocysteine levels in predicting the risk of atherosclerosis and reducing the cardiovascular incidence in patients with Chronic Kidney disease	Dr. Mohan Rao	1.8	2 Years
109	Serum Albumin and ALP as a combined predictors of severity and prognostic indicators of functional outcome following Ischaemic stroke.	Dr. Mohan Rao	1.8	2 years
110	Spectrum of dermatoses among High BMI patients in a tertiary care hospital	Dr. Srinivasan M.S	1.6	2 Years
111	A Comparative study of functional outcome of Intra-articular injection of platelet rich plasma vs Hyaluronic acid in treatment of Osteoarthritis of Knee	Dr. Vijayashankar M	1.7	2 Years
112	A prospective study to assess the prevalence of rotator cuff tear in Type 2 diabetes patients	Dr. Vijayashankar M	1.6	2 years