

**FUNDED FORMED PROJECTS**

<b>S. no</b>	<b>Title of the Project</b>	<b>Name of the Project leader</b>	<b>Name of the Funding agency &amp; Funds provided (INR )</b>	<b>Collaborations</b>	<b>Started year &amp; Duration of the project</b>	<b>Research thrust areas</b>
1.	Developing models for estimating Personalized Deposited dose (PDD) for fine & ultrafine PM among adults of Southern India.	Dr.Padmavathi/Dr.Karthiga Devi	GHES fellowship 1103169	UC, Berkley	2020/1 year	Physiology
2.	Effect of volatile organic compounds on neurocognitive functions among painters	Ashwin kumar/Dr.Priscilla Johnso/Mrs.Lavanya	Chancellor Summer Research Grant 10000.00	Interdepartmental	2020/1 year	Physiology
3.	Lipoprotein(A) as a Coronary Artery Disease risk factor in younger age group in South India	Alisha Mary Cherian/Dr. Sheela Ravinder	Chancellor Summer Research Grant 10000.00	Interdepartmental	2020/1 year	Physiology
4.	Assessment of general public's perception of CoVid-19	Shreya Thakur/Dr.Sheela Ravinder	Chancellor Summer Research Grant 10000.00	Interdepartmental	2020/1 year	Physiology
5.	Evaluation of effect of structured yoga intervention on neurocognitive & stress markers among the patients with anxiety & depression	Dr.Padmavathi	SATHYAM-DST 1197500	Extramural	2019/3 year	Physiology
6.	Impact of simple	Dr. Teena lal / Shweta	Chancellor	Interdepartmental	2019/1 year	Physiology / SLH

	Mindfulness practices in Autistic children and their parents	Gokulnath	Summer Research Grant 10000.00			
7.	Effect of Air Pollution on Neuro cognition among adolescence of two major metropolitans in India	Dr.Padmavathi.R / Anjali Mishra	Chancellor Summer Research Grant 10000.00	Interdepartmental	2019/1 year	Physiology/
8.	Immediate effects of Mahamantra Chanting on serum BDNF levels, Autonomic & Cognitive Functions among apparently healthy adolescents	Dr.Padmavathi.R / Ms. Ashmitha.T	Chancellor Summer Research Grant 10000.00	Interdepartmental	2019/1 year	Physiology/
9.	Study of inflammatory markers, stress markers and IL-6 gene polymorphism among Indian women with polycystic ovarian syndrome	Dr.Padmavathi / Dr.Jiby Jolly Benjamin	ICMR – TSS/ 3111000.00	Extramural	2018/5 yrs	Physiology/Genetics
10.	Evaluating the role of periostin as a novel biomarker in asthmatics of Puducherry	Dr.Priscilla Johnson / Dr.Subhasis Das / Dr Sathya GR	SERB,DST/ 316,150	Extramural	2018/3 yrs	Physiology/PIMS, Pondicherry
11.	Role of soluble urokinase type plasminogen activator receptor (supar) as a predictor of COPD severity	Dr.Priscilla Johnson / Dr.Subhasis Das / Dr Rekha	SERB,DST/ 595000	Extramural	2018/3 yrs	Physiology/PIMS, Pondicherry
12.	Assessment of hearing impairment in type 2	Dr Bagavad Geetha / Priya Narasimhan	Chancellor Summer	Interdepartmental	2018/1 year	Physiology /ENT

	diabetes mellitus patients by digital audiometry test		Research Grant 10000.00			
13.	Physical activity & selective metabolic risk factors in adults with sedentary occupation	Dr Sheela Ravinder S/ Mr Narasimhan / Siya Sachin	Chancellor Summer Research Grant 10000.00	Interdepartmental	2018/1 year	Physiology/Endocrinology
14.	Lipoprotein A as an independant risk factor for coronary artery disease in younger age group in South India	Dr Sheela Ravinder S / Alisha Mary Cherian	ICMR-STs/ 10000.00	Extramural	2018/1 year	Physiology/Cardiology
15.	Effect of Yoga nidra on cardiovascular parameters in individuals with hypertension	Dr Abirami / Aarushi	Chancellor Summer Research Grant 10000.00	Interdepartmental	2018/1 year	Physiology/General Medicine
16.	Assessment of pulmonary functions in individuals with hypothyroidism	Dr Abirami / Koushikee	Chancellor Summer Research Grant 10000.00	Interdepartmental	2018/1 year	Physiology /Endocrinology
17.	Effects of sleep restriction (disturbed circadian rhythm) on Cardiac autonomic function and oxidative stress markers in healthy adults	Dr Mahesh Kumar / Herahim Zeesharul Honda / Dr Ben Ashok	Chancellor Summer Research Grant 10000.00	Interdepartmental	2018/1 year	Physiology /Neurology
18.	Effects of Mind Body Medicine (MBM) on Neuro cognitive markers among young healthy participants	Ms. Lavanya / Dr Mahesh Kumar	GATE 95,000	Interdepartmental	2018/1 year	Physiology /Neurology
19.	Occupational heat stress	Dr.Priscilla Johnson /	SPLICE,DST/	Interdepartmental	2017/3 yrs	Physiology/ Environmental

	implications on renal health in the context of climate change	Dr.Vidhya Venugopal	5188000.00			health engineering
20.	Prevalence and predictors of Irritable Bowel syndrome (IBS) and dyspepsia among medical students – assessment of psychological stress and use of mind body medicine techniques.	Dr Sheela Ravinder S. / Dr.Padmavathi.R / Mr.Pulkit Mehrotra /	ICMR-STs/ 25000.00	Extramural	2017/1 year	Physiology /Medical Gastroenterology
21.	Putative role of anti-ageing protein klotho and arterial stiffness in CKD	Ms.Gowdhami / Dr. Priscilla Johnson	GATE 100000.00	Interdepartmental	2016/1 year	Physiology /Cardiology/Nephrology
22.	Trends in ECG changes in chronic renal failure patients on hemodialysis	Dr. Dilara / Harshini V	Chancellor Summer Research Grant 10000.00	Interdepartmental	2016/1 year	Physiology / Cardiology/Nephrology
23.	Incidence of subclinical hypothyroidism among type I and type II diabetic individuals	Dr. Anbuselvan / Keerthana Menon /	Chancellor Summer Research Grant 10000.00	Interdepartmental	2016/1 year	Physiology / Endocrinology
24.	A study of biomarker serum cystatin C in chronic kidney disease patients	Dr. Bagavad Geetha / Kamireddy Venkat Sai Charan Reddy	Chancellor Summer Research Grant 10000.00	Interdepartmental	2016/1 year	Physiology /Nephrology
25.	Study of stress level during the period of invitro fertility treatment	T.T. Ganesan / Kapil Dev Nayar /	Chancellor Summer Research Grant 10000.00	Interdepartmental	2016/1 year	Physiology /OBG
26.	Assessment of early change in cardiac function	Dr.Abirami / Ms.Shruthi N. Iyer	Chancellor Summer	Interdepartmental	2016/1 year	Physiology /General Medicine

	in chronic asymptomatic alcoholics and possible difference related to duration of drinking		Research Grant 10000.00			
27.	Assessment of association between Heart rate variability and insulin resistance among diabetics and pre diabetics subjects	Dr. V.Abirami / Aiswarya Nag	Chancellor Summer Research Grant 10000.00	Interdepartmental	2016/1 year	Physiology/Endocrinology
28.	Evaluation of stress among school going late adolescents in Chennai	Mr.R.Srihari/ Dr. Dilara/Dr.Latha Ravichandran	MAMTA foundation,New Delhi/ 1,50000	Extramural	2016/5 yrs	Physiology/Pediatrics
29.	Exposure to PAH and asthma among adolescents in Tamilnadu – a case control study	Dr.Sankar / Dr.Padmavathi / Ms.Samantha	Chancellor Fellowship 291000.00	Interdepartmental	2015/4 yrs	Physiology/ Environmental Health Engineering
30.	Pesticide exposure and its association with type 2 diabetes among rural South Indian population – a case control study	Dr.Krishnendu / Dr.Padmavathi / Ms.Jyothi /	Chancellor Fellowship 291000.00	Interdepartmental	2015/1 year	Physiology/ Environmental Health Engineering
31.	Neuroimmunological assesment of the cardiovascular risks in psoriasis	Dr Padmavathi.R / Dr.S.Murugan / Dr.Mahesh Kumar	GATE 95000.00	Interdepartmental	2015/1 year	Dermatology / Physiology
32.	Comparison of Aortic blood pressure & pulse wave velocity among	Dr.Dilara K / Mr. Nitesh	Chancellor Summer Research Grant	Interdepartmental	2015/1 year	Physiology /Cardiology

	atherosclerotic subjects		10000.00			
33.	Assessment of Autonomic functions among vitamin D deficient individuals	Dr.SheelaRavinder.S / Mr.Sakthi Shanmugasundaram	Chancellor Summer Research Grant 10000.00	Interdepartmental	2015/1 year	Physiology / Endocrinology
34.	A cross sectional study on prevalence of elevated LH / FSH ratio in Polycystic Ovarian Syndrome Women with Normal and Hyperinsulinemia	Dr. Archana P Kumar / Ms. Anto Olivia	Chancellor Summer Research Grant 10000.00	Interdepartmental	2015/1 year	Physiology /OBG/ Endocrinology
35.	Assessment of arterial stiffness in asthmatic patients	Ms. Gowdhami / Dr. Archana P Kumar / Ms.Shruthi /	Chancellor Summer Research Grant 10000.00	Interdepartmental	2015/1 year	Physiology /Cardiology
36.	A study of the occurrence of dementia among patients with Diabetets mellitus in the South Indian population	Dr.SheelaRavinder.S / Ms. Swathi Jothi /	Chancellor Summer Research Grant 10000.00	Interdepartmental	2014/1 year	Physiology /Endocrinology
37.	Evaluation of effectiveness of interactive teaching modalities for first year undergraduate students using e-modules	Dr.Archana /Dr.R.Padmavathi/Dr.Sathya Sekaran/Dr.Maruthy	GATE 100000.00	Interdepartmental	2013/4 yrs	Physiology/Medical Education Unit
38.	The study of Inflammatory Mediators in Renal cell carcinoma patients and its correlation to selective risk factors	Dr.R.Padmavathi / Dr.Deepika Chandrasekaran /Dr.SandhyaSundaram	ICMR – TSS/ 3111000.00	Extramural	2013/5 yrs	Physiology / Pathology

39.	Exploring Respiratory health outcomes from sustained use of efficient cook stoves	Dr.Priscilla Johnson/Dr.Padmavathi.R/ Dr.Krishnendu Mukhopadhyay	NIH - International (US Govt)/ 6400000.00	Extramural	2013/3 years	Physiology/ Environmental Health Engineering
40.	Assessment of Vitamin D levels in adolescents & young adults in Chennai	Dr. Sheela / Dr.R.Padmavathi / Dr.Mohan Kumar	GATE 100000.00	Interdepartmental	2013/5 yrs	Physiology / Orthopaedics/ Endocrinology
41.	Knowledge, Attitude and Practice of Sleep hygiene among adolescents	Dr.Archana P Kumar / Ms.Sitalakskmi /	Chancellor Summer Research Grant 10000.00	Interdepartmental	2013/1 year	Physiology/Paediatrics
42.	Anti-Parkinsonism's effect of cayratia auriculata ethanolic extract in Zebrafish model	Mrs.Lalitha.S	GATE 1,00,000	Interdepartmental	2020/1 year	Physiology/Pharmacology
43.	Validation and evaluation of E-module of Yoga protocol for the patients with depression	Dr.Padmavathi.R	SATYAM – DST 2,16,000	Interinstitutional Interdepartmental	2020/1 year	Physiology/Psychiatry/ Yoga
44.	Developing models for estimating Personalized Deposited dose (PDD) for fine & ultrafine PM among adults of Southern India.	Dr.Padmavathi/ Dr.Karthiga Devi	GHEs fellowship 42,00,000	UC, Berkley	2020/1 year	Physiology/EHE
45.	Evaluation of effect of structured yoga intervention on	Dr.Padmavathi.R	SATYAM-DST 35,01,340	Extramural	2019/3 year	Physiology/ Psychiatry /Yoga

	neurocognitive & stress markers among the patients with anxiety & depression					
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**SELF FUNDED FORMED PROJECTS**

<b>S. no</b>	<b>Title of the Project</b>	<b>Name of the Project leader</b>	<b>Self funded projects (INR)</b>	<b>Collaborations</b>	<b>Started year &amp; Duration of the project</b>	<b>Research thrust areas</b>
1	The study to find out the efficacy of high intensity exercises & on restoring the ANS function in sedentary adults	Ms. Yogeshwari R/Dr. Priscilla Johnson	Self Funded	Interinstitutional	2020	Exercise Physiology
2	Needs assessment of post graduate nursing curriculum in a middle east nursing college	Mrs. Kumari Thankam/Dr.Dilara	Self Funded	Interinstitutional	2020	Nursing Education
3	Evaluation of hypolipidemic effects of Nigella Sativa on Sprague Dawley rats	Mrs. Uma Maheswari/Dr.Dilara	Self Funded	Interinstitutional	2019	Animal study
4	Development of a cost effective pupillometry device to study pupil size variability by infra red videography technique as a tool to assess autonomic functions in Diabetic patients	Mr.A.V.Sivakumar/ Dr. Priscilla Johnson	Self Funded	Interinstitutional	2017/5 yrs	Physiology/Endocrinology
5	Study on the beneficial effects of oxytocin and dehydroepiandrosterone administration in the attenuation of acute stress	Dr.TamilSelvan/ Dr.Padmavathi	Self Funded	Interinstitutional	2017/5 yrs	Physiology/Endocrinology

6	Measurement of ankle jerk time using digitalised technique as a diagnostic tool for hypothyroidism.	Mr.SK.Kareem/ Dr. Dilara.K	Self Funded	Interinstitutional	2017/5 yrs	Physiology/Endocrinology
7	Novel biomarkers– [Osteoprotegerin and Fetuin–A] for vascular calcification in patients with chronic kidney disease	Dr.Bagavad Geetha.M/Dr.Santhi Silambanan/Dr.Jayakumar	Self Funded/ 2 00000	Interdepartmental	2016/5 yrs	Physiology /Nephrology/Radiology
8	Effects of Ethanolicextract of Cayratia auriculata on alpha-synuclein aggregation and its expression in rotenone-induced Zebrafish Parkinson model	Mrs.Lalitha	Self funded /500000	Interdepartmental	2016/5 yrs	Physiology/Pharmacology
9	Evaluating the relationship between ghrelin oxidative stress and cardiac autonomic functions in hypertensives	Mr. MBS Sugunaker/ Dr.Priscilla Johnson	Self funded	Interinstitutional	2016/5 yrs	Physiology/ Cardiology
10	Evaluation of different metacognitive tools and learning outcomes among undergraduate students	Dr.Abirami/ Dr.R.Padmavathi/Dr.Sathya Sekaran	Self Funded/ 100000	Interdepartmental	2014/5 yrs	Physiology/Medical Education Unit
11	Effect of Bhramari pranayama on Baseline Physiological Parameters in apparently Healthy	Dr.Maheshkumar / Dr.Dilara/ Dr.Julius K/ Dr.Ravisankar	Self Funded	Interinstitutional	2013/5 yrs	Physiology/Govt. Of Yoga College, Chennai

	adolescents					
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