

JSS MEDICAL COLLEGE, MYSURU
ONGOING RESEARCH PROJECTS - JSS AHER GRANTS

Sl. No	Title of the Project	Name of the Principal Investigator/Mentor & Department	Sanctioned by	Project Sanctioned letter No. & Date	Grants Sanctioned	Duration of the Project
1	Screening of children aged 4 months to 5 years for recognition of childhood developmental disabilities	Dr. Rashmi N Asst. Prof Dept of Pediatrics	JSSU	REG/DIR/(R)/URG/54/2011-12 4439 - F Dated: 11.08.2017	40,000.00	1 Yr
2	Prevalence and factors influencing Chronic Kidney Disease in Adults residing in Urban slum area of Mysore city	Dr. Rashmi S PG Student Dept of Community Medicine	JSSU	REG/DIR/(R)/URG/54/2011-12 4439/4 Dated: 11.08.2017	25,000.00	1 Yr
3	Isolation and Molecular Characterization of Mycobacterium Tuberculosis Isolates	Mr. M V S. Krishna Karthik Research Scholar Dept of Microbiology	JSSU	REG/DIR/(R)/URG/54/2011-12 4439/C Dated: 11.08.2017	25,000.00	1 Yr
4	The effects of chronic fructose intake on lipogenesis and glucose metabolism in mice with and without bitter melon supplementation	Mr. Akshay Kirthan J P PG student Dept of Biochemistry	JSS AHER	REG/DIR/(R)/URG/54/2011-12 /9803 Dated: 16.01.2019	25,000.00	1 Yr
5	To study the gene expression of IREB2, CHRNA and FMRI genes in smokers with and without chronic obstructive lung disease	Ms. Bhanushree S PG student Dept of Biochemistry	JSS AHER	REG/DIR/(R)/URG/54/2011-12 /9803 Dated: 16.01.2019	25,000.00	1 Yr
6	Is contact dermatitis cause of scrotal dermatitis analysis by patch test	Dr. Meghana Karlekar R PG Student Dept of Dermatology	JSS AHER	REG/DIR/(R)/URG/54/2011-12 /9803 Dated: 16.01.2019	25,000.00	1Yr
7	A study of coronary vasculature pattern and dominance in human cadaveric hearts using silicon cast method and its implications in medical undergraduate training	Dr. Nazma Mobin Assistant professor	JSS AHER	REG/DIR/(R)/URG/54/2011- 12/6915 25.09.2019	100,000.00	2Yrs
8	Coping up with dream course: A study of stress, stressor and coping strategies among 1st year medical students.	Dr. Pushpa N.B Assistaant Professor	JSS AHER	REG/DIR/(R)/URG/54/2011- 12/6915 25.09.2019	40,000.00	2Yrs
9	Delineating the mechanism(s) of cell death induced by Diallyldisulfide (DADS) in vitro	Dr. Sujatha P Assistant Professor	JSS AHER	REG/DIR/(R)/URG/54/2011- 12/6915 25.09.2019	50,000.00	2Yrs

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10	Association of genotypic pattern of obesity related genes with the cardiometabolic parameters among young adults with and without family history of obesity	Dr. Shobha C R Tutor	JSS AHER	REG/DIR/(R)/URG/54/2011-12/6915 25.09.2019	50,000.00	1Yr
11	TCF7L2 gene susceptibility to type 2 diabetes and single nucleotide polymorphism in Vokkaliga community of Mysuru district	Deepthi N Gowda PG Student	JSS AHER	REG/DIR/(R)/URG/54/2011-12/6915 25.09.2019	25,000.00	1Yr
12	Single Nucleotide Polymorphism (SNPs) of KCNJ11 and adiponectin gene with susceptibility to type 2 diabetes in Vokkaliga community of Mysuru	Ms. Lakshmi Nivedya PG Student	JSS AHER	REG/DIR/(R)/URG/54/2011-12/6915 25.09.2019	25,000.00	1Yr
13	Detection of Antibiotic Resistance genes pattern in clinical isolates of Escherichia coli and Klebsiella pneumoniae using Multiplex PCR its impact in the Management of patients with Sepsis	Ms. Nishitha R Kumar Ph D scholar Dept of Biochemistry	JSS AHER	REG/DIR/(R)/URG/54/2011-12/6915 25.09.2019	25,000.00	3yrs
14	Genotypic characterization of Mycobacterium tuberculosis isolates from tuberculosis patients with and without diabetes	Mr. Mohammed Kaleemullah Ph.D Scholar	JSS AHER	REG/DIR/(R)/URG/54/2011-12/6915 25.09.2019	25,000.00	1yr
15	"INTACT- Integrated Neonatal Transport Assist Cradle Technology"	Dr. Deepti Thandaveshwara, Assistant Professor, Dept. of Pediatrics, JSS Medical College, Mysuru	JSS AHER	REG/DIR/(R)/URG/54/2011-12/7983 Dt: 28.10.2019	50,000.00	02 Yrs
16	Response to targeted phototherapy post-melanocyte graft in vitiligo patients and its relation with DLQI and depressive symptoms	Dr. Ashwini P K, Asso. Professor, Dept of Dermatology	JSS AHER	REG/DIR/(R)/URG/54/2011-12/10312, Dated: 28.12.2019	50,000.00	18 Months
17	Characterization of Nrf2 modulating anticancer agents from Anacyclus pyrethrum root	Dr. Jayanthi.M.K, Professor & Head, Dept. of Pharmacology	JSS AHER	REG/DIR/(R)/URG/54/2011-12/10312, Dated: 28.12.2019	50,000.00	01 Year

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18	Standardization of multiplex polymerase chain reaction for the detection of potential pathogens causing neonatal sepsis	Mr.Meghnath Dahal, 3rd Year, M.Sc., Student, JSS Medical College	JSS AHER	REG/DIR/(R)/URG/54/2011-12/10312, Dated: 28.12.2019	25,000.00	06 Months
19	A Comparative analysis on serum zinc level in children with febrile seizure and febrile controls in JSS Hospital a tertiary care center	Ms.Sowmyashree K M M.Sc., Student Dept. of Biochemistry	JSS AHER	REG/DIR/(R)/URG/54/2011-12/10312, Dated: 28.12.2019	25,000.00	06 Months
20	Anti cancer activity directed characterization of venom bio –molecules isolated from jelly specific to the west coast of India	Dr. Devananda D Asst. Professor Dept of Biochemistry	JSS AHER	REG/DIR/(R)/URG/54/2011-12/12237, Dated: 18.02.2020	50000.00	01 Year
21	Effect of vitamin D on Oxidative stress induced changes in the Glomerular basement Membrane during diabetic nephropathy".	Ms. Lavanya B R Ph.D Scholar Dept. of Biochemistry	JSS AHER	REG/DIR/(R)/URG/54/2011-12/12237, Dated: 18.02.2020	25000.00	02 YearS
22	Role of Androgen Receptor (AR) in determining Response to Neoadjuvant chemotherapy (NAC) in Triple Negative Breast Cancer (TNBC) Patients)	Dr.Subbarao M V S S T Professor Dept of Biochemistry	JSS AHER	REG/DIR/(R)/URG/54/2011-12/4954, Dated: 06.10.2020	500000.00	02 Years
23	"Comparison of antimicrobial susceptibility testing methods for colistin against carbapenem resistant Enterobacteriaceae in a tertiary care hospital of Southern India".	Dr. Deepashree R, Assistant Professor, Dept. of Microbiology JSS Medical College, and Dr. Sujatha S R, Tutor, Dept. of Microbiology, JSS Hospital, Mysuru	JSS AHER	REG/DIR/(R)/URG/54/2011-12/5293, Dated: 19.10.2020	50000	01 Year
24	"A Study on antidiabetic and probiotic potential of Lactobacillus isolates from food sources".	Dr Kalabharathi H L, Associate Professor, Dept. of Pharmacology, ISS Medical College, Mysuru	JSS AHER	REG/DIR/(R)/URG/54/2011-12/5293, Dated: 19.10.2020	50000	03 Years

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25	"A comprehensive' approach to explore the antidiabetic potential of bioactive peptides from colostrum".	Dr Satish A. M, Professor, Dept. of Pharmacology, ISS Medical College, Mysuru and Dr. Ramith Ramu, Assistant Professor, Division of Biotechnology & Bioinformatics, Dept. of Water & Health, ISS AHER, Mysuru.	JSS AHER	REG/DIR/(R)/URG/54/2011-12/5293, Dated: 19.10.2020	50000	03 Years
26	"To investigate Long-Term impact of Air 'pollution on Airway Remodeling and aging of Lungs in healthy Urban Population of South India"	Dr. Chandrakanth H V~Professor, Dept. of Forensic Medicine and Dr. Rajesh Kumar T, Associate Professor, Dept. of Biochemistry, ISS Medical College, Mysuru.	JSS AHER	REG/DIR/(R)/URG/54/2011-12/5293, Dated: 19.10.2020	50000	01 Year
27	"Development of hand held device for diagnosis of Tuberculosis in rural areas using Nano-pore technology".	Dr. M N Sumana, Professor, Dept. of Microbiology, JSS Medical College, Mysuru	JSS AHER	REG/DIR/(R)/URG/54/2011-12/5293, Dated: 19.10.2020	50000	03 Years
28	"Association of gene polymorphism in obesity related genes and its association with histopathological prognostic factors, hormonal receptor status and Ki67 index in obese breast cancer patients".	Mr. Adel Mohammed Saleh Ahmed, Ph.D Scholar CEMR, Dept. of Biochemistry, JSS Medical College, Mysuru.	JSS AHER	REG/DIR/(R)/URG/54/2011-12/5293, Dated: 19.10.2020	25000	03 Years
29	"Anthropometry of cerebral palsy children at tertiary care teaching hospital".	Ms. Sakshi Bhargava, M.Sc. Medical Anatomy, JSS Medical College, Mysuru	JSS AHER	REG/DIR/(R)/URG/54/2011-12/5293, Dated: 19.10.2020	25000	01 Year
30	"Role of core clock genes in Breast Cancer and their response to treatment".	Ms. Supriya Bevinakoppamath, PhD Research Scholar, Dept. of Biochemistry, ISS Medical College, Mysuru.	JSS AHER	REG/DIR/(R)/URG/54/2011-12/5293, Dated: 19.10.2020	25000	03 Years