

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

Sl. No	Title of the Project	Name of the Principal Investigator/Mentor & Department	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	REG/DIR/(R)/URG/54/2011-12 - 4439 - F Dated: 11.08.2017	40,000.00	1 Yr
2	Isolation and Molecular Characterization of Mycobacterium Tuberculosis Isolates	Mr. M V S. Krishna Karthik Research Scholar Dept of Microbiology	REG/DIR/(R)/URG/54/2011-12 - 4439/C Dated: 11.08.2017	25,000.00	1 Yr
3	Close Range Immersive Photography(CRImP)	Dr.Sushma Krishnegowda Assistant professor Dept of Pediatrics	REG/DIR/(R)/URG/54/2011-12/6915 25.09.2019	50,000.00	2Yrs
4	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 Dept of Anatomy	REG/DIR/(R)/URG/54/2011-12/6915 25.09.2019	1,00,000.00	2Yrs
5	Coping up with dream course: A study of stress, stressor and coping strategies among 1st year medical students.	Dr.Pushpa N.B Assistaant Professor Dept of Anatomy	REG/DIR/(R)/URG/54/2011-12/6915 25.09.2019	40,000.00	2Yrs
6	Delineating the mechanism(s) of cell death induced by Diallydisulfide (DADS) in vitro	Dr, Sujatha P Assistant Professor Dept of Biochemistry	REG/DIR/(R)/URG/54/2011-12/6915 25.09.2019	50,000.00	2Yrs
7	Association of genotypic patternof obesity related genes with the cardiometabolic parametres among young adults with and without family history of obesity	Dr.Shobha C R Tutor Dept of Biochemistry	REG/DIR/(R)/URG/54/2011-12/6915 25.09.2019	50,000.00	1Yr
8	“INTACT- Integrated Neonatal Transport Assist Cradle Technology”	Dr. Deepthi Thandaveshwara, Assistant Professor, Dept. of Pediatrics,	REG/DIR/(R)/URG/54/2011-12/7983 Dt: 28.10.2019	50,000.00	02 Yrs

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9	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	REG/DIR/(R)/URG/54/2011-12/10312, Dated: 28.12.2019	50,000.00	18 Months
10	Characterization of Nrf2 modulating anticancer agents from Anacyclus pyrethrum root	Dr.Jayanthi.M.K, Professor & Head, Dept. of Pharmacology	REG/DIR/(R)/URG/54/2011-12/10312, Dated: 28.12.2019	50,000.00	01 Year
11	"Medical Technology Based Smartphone Application in the Management of Diabetes Mellitus"	Dr. Sunil Kumar D Asso. Professor Community Medicine	REG/DIR/(R)/URG/54/2011-12/10312, Dated: 28.12.2019	20,000.00	02 Years
12	Screening of anticancer activity of Ayurvedic formulations on breast cancer cell lines	Dr.Pushpa.V.H, Associate Professor, Dept. of Pharmacology	REG/DIR/(R)/URG/54/2011-12/10312, Dated: 28.12.2019	40,000.00	01 Year
13	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	REG/DIR/(R)/URG/54/2011-12/12237, Dated: 18.02.2020	50,000.00	01 Year
14	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	REG/DIR/(R)/URG/54/2011-12/4954, Dated: 06.10.2020	5,00,000.00	02 Years
15	"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	REG/DIR/(R)/URG/54/2011-12/5293, Dated: 19.10.2020	50,000.00	01 Year
16	"A Study on antidiabetic and probiotic potential of Lactobacillus isolates from food sources".	Dr Kalabharathi H L, Associate Professor, Dept. of Pharmacology	REG/DIR/(R)/URG/54/2011-12/5293, Dated: 19.10.2020	50,000.00	03 Years
17	"Isolation in Isolation (I in I): A doctor patient interface isolation cubicle for the prevention of spread of Corona infection in screening isolation ward".	Dr Thippeswamy T, Associate Professor, Dept. of General Medicine	REG/DIR/(R)/URG/54/2011-12/5293, Dated: 19.10.2020	52,500.00	03 months

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18	"A comprehensive' approach to explore the antidiabetic potential of bioactive peptides from colostrum".	Dr Satish A. M, Professor, Dept. of Pharmacology, JSS Medical College, Mysuru and Dr. Ramith Ramu, Assistant Professor, Division of Biotechnology & Bioinformatics, Dept. of Water & Health, ISS AHER, Mysuru.	REG/DIR/(R)/URG/54/2011-12/5293, Dated: 19.10.2020	50,000.00	03 Years
19	"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, JSS Medical College, Mysuru.	REG/DIR/(R)/URG/54/2011-12/5293, Dated: 19.10.2020	50,000.00	01 Year
20	"Development of hand held device for diagnosis of Tuberculosis in rural areas using Nano-pore technology".	Dr. M N Suman, Professor, Dept. of Microbiology, JSS Medical College, Mysuru	REG/DIR/(R)/URG/54/2011-12/5293, Dated: 19.10.2020	50,000.00	03 Years
21	"Respiratory and Environmental Diseases".	Dr. P A Mahesh Professor of Respiratory Diseases	REG/ACA/SIG/225/2016-17 Dated: 13.06.2016	3,00,000.00	3 years
22	Cancer Biology and cancer Stem Cells	Dr. MVSST Subbarao Associate Professor	REG/ACA/SIG/225/2015-16 Dated: 18.03.2016	3,00,000.00	3 years
23	Comprehensive Geriatric Care	Dr. Prathibha Periera Asso. Professor	REG/ACA/SIG/225/2016-17 Dt: 20.04.2017	3,00,000.00	3 years
24	Public Health	Dr. H Basavanagowdappa Principal, JSSMC	REG/ACA/SIG/225/2017-18 Date: 12.12.2017	3,00,000.00	3 years
25	Patient Care Management	Dr. H Basavanagowdappa Principal, JSSMC Mrs.Kanakavalli K Kundury	REG/ACA/SIG/225/2018-19/1419 Dt: 07.05.2018	3,00,000.00	3 years

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26	“Human Genomics and Rare Disorders”.	Dr. Akila Prashant Professor Dept of Biochemistry	REG/ACA/SIG/225/2018-19/1772 Date: 24.05.2018	50,000.00	3 years
27	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	REG/DIR/(R)/URG/54/2011-12 - 4439/4 Dated: 11.08.2017	25,000.00	1 Yr
28	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	REG/DIR/(R)/URG/54/2011-12 /9803 Dated: 16.01.2019	25,000.00	1 Yr
29	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	REG/DIR/(R)/URG/54/2011-12 /9803 Dated: 16.01.2019	25,000.00	1 Yr
30	Is contact dermatitis cause of scrotal dermatitis analysis by patch test	Dr. Meghana Karlekar R PG Student Dept of Dermatology	REG/DIR/(R)/URG/54/2011-12 /9803 Dated: 16.01.2019	25,000.00	1Yr
31	Comparative evaluation of technology and handouts based educational intervention in the management of type-2-Diabetes in an urban area, Mysuru	Dr. Shwetha G PG Student Dept of Community Medicine	REG/DIR/(R)/URG/54/2011-12/6915 25.09.2019	50,000.00	6 months
32	TCF7L2 gene susceptibility to type 2 diabetes and single nucleotide polymorphism in Vokkaliga community of Mysuru district	Deepthi N Gowda PG Student Dept of Biochemistry	REG/DIR/(R)/URG/54/2011-12/6915 25.09.2019	25,000.00	1Yr
33	Single Nucleotide Polymorphism(SNPs) of KCNJ11 and adiponectin gene with susceptibility to type 2 diabetes in vokkaliga cimmunity of Mysuru	Ms. Lakshmi Nivedya PG Student Dept of Biochemistry	REG/DIR/(R)/URG/54/2011-12/6915 25.09.2019	25,000.00	1Yr

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34	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	REG/DIR/(R)/URG/54/2011-12/6915 25.09.2019	25,000.00	3yrs
35	Genotypic characterization of Mycobacterium tuberculosis isolates from tuberculosis patients with and without diabetes	Mr. Mohammed Kaleemullah Ph.D Scholar Dept of Biochemistry	REG/DIR/(R)/URG/54/2011-12/6915 25.09.2019	25,000.00	1yr
36	“To study correlation of serum cytokines with vitamin D Levels among diabetics with/without nephropathy”	Dr.Likhitha Nadendla, PG student, Dept. of General Medicine	REG/DIR/(R)/URG/54/2011-12/7983 Dt: 28.10.2019	25,000.00	02Yrs
37	“Comparative study of correlation of Vitamin D with insulin resistance and lipid parameters among diabetics and non diabetics”	Mr.Sai Dheeraj Mulpuru, UG student	REG/DIR/(R)/URG/54/2011-12/7983 Dt: 28.10.2019	25,000.00	02 Yrs
38	Comparative study of noncultured plucked hair follicle outer root sheath cell suspension versus noncultured epidermal cell suspension in the treatment of stable vitiligo	Dr. Srishti C Betsurmath, PG Student, Dept of Dermatology	REG/DIR/(R)/URG/54/2011-12/10312, Dated: 28.12.2019	23,200.00	18 Months
39	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	REG/DIR/(R)/URG/54/2011-12/10312, Dated: 28.12.2019	25,000.00	06 Months
40	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	REG/DIR/(R)/URG/54/2011-12/10312, Dated: 28.12.2019	25,000.00	06 Months
41	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	REG/DIR/(R)/URG/54/2011-12/12237, Dated: 18.02.2020	25,000.00	02 YearS

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42	"Awareness among 1 MBBS Students on practice of hygiene and risk of infections including Covid-19 in dissection theatre	Ms. Nimisha Sinha, MBBS Student, JSS Medical College, Mysuru	REG/DIR/(R)/URG/54/2011-12/5293, Dated: 19.10.2020	10,000.00	03 Years
43	"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.	REG/DIR/(R)/URG/54/2011-12/5293, Dated: 19.10.2020	25,000.00	03 Years
44	"Anthropometry of cerebral palsy children at tertiary care teaching hospital".	Ms. Sakshi Bhargava, M.Sc. Medical Anatomy, JSS Medical College, Mysuru	REG/DIR/(R)/URG/54/2011-12/5293, Dated: 19.10.2020	25,000.00	01 Year
45	"Role of core clock genes in Breast Cancer and their response to treatment".	Ms. Supriya Bevinakoppamath, PhD Research Scholar, Dept. of Biochemistry	REG/DIR/(R)/URG/54/2011-12/5293, Dated: 19.10.2020	25,000.00	03 Years
46	Evaluation of structural changes in diabetic nephropathy by morphometry	Renesa Khurana 4th Term renesa8f@gmail.com	REG/DIR(R)/URG/54/2011-12/7620 Dated: 19.11.2018	10,000.00	06 months
47	Parenting Stress and Coping Strategies among Working and Non-working Mothers	Ridhi 4th Term rajgariahridhi@gmail.com	REG/DIR(R)/URG/54/2011-12/7620 Dated: 19.11.2018	10,000.00	06 months
48	Correlation of placental weight, birth weight of infant and mid-upper arm circumference at 3 months of age, with the BMI of mother at term gestation.	Savithri 8th Term savithri@mail.com	REG/DIR(R)/URG/54/2011-12/7620 Dated: 19.11.2018	10,000.00	06 months
49	In-vitro study of Antitumor activity of Ethanolic extract of Vitex negundo flowers (EVNF)	Srishti Mishra 4th Term srshtm97@gmail.com	REG/DIR(R)/URG/54/2011-12/7620 Dated: 19.11.2018	10,000.00	06 months
50	A study of nosocomial infections in Intensive Care Units of a tertiary care hospital.	Santosh G 6th term santosh.hastam@gmail.com	REG/DIR(R)/URG/54/2011-12/7620 Dated: 19.11.2018	10,000.00	06 months

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51	Comparison of efficacy between Paladai and Syringe feeding in stable preterm neonates - A Randomized control trial	Madhumitha.M 8th Term mmadumita03@gmail.com	REG/DIR(R)/URG/54/2011-12/7620 Dated: 19.11.2018	10,000.00	06 months
52	The measurement of hand grip as a tool to assess the outcome of treatment of distal radius fractures	SAGARIKA.K.MANJUNATH 8th term riku_majunath@yahoo.in	REG/DIR(R)/URG/54/2011-12/7620 Dated: 19.11.2018	10,000.00	06 months
53	Socioeconomic Impact of Rheumatoid Arthritis - A Hospital Based Study in Mysuru	Sunidhi 8th Term c.u.jayaram57@gmail.com	REG/DIR(R)/URG/54/2011-12/7620 Dated: 19.11.2018	10,000.00	06 months
54	Study of Neurocognitive Disorders In HIV Positive Patients In A Tertiary Care Hospital In South India	Aparajitha 4th Term appuaparajitha5@gmail.com	REG/DIR(R)/URG/54/2011-12/7620 Dated: 19.11.2018	10,000.00	06 months
55	Incidence of primary caesarean section delivery in a tertiary care centre.	Athira 8th Term athiranair94@gmail.com	REG/DIR(R)/URG/54/2011-12/7620 Dated: 19.11.2018	10,000.00	06 months


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