

# **JSS MEDICAL COLLEGE**

(Constituent College)

## **JSS Academy of Higher Education & Research**

(Deemed to be University)

Accredited 'A+' Grade by NAAC

### **Research project of faculty for Electives in block I**

<b>Sl. No</b>	<b>Title of the Project</b>	<b>Name of the Principal Investigator/Mentor &amp; Department</b>	<b>Department</b>
1	Centre for Training Research and Innovation in Tribal Health	Dr. Deepa Bhat Asso. Professor	Anatomy
2	Digital Image Quantification of Fungiform Papillae and Assessment of the Metabolome of Oral Microflora to Screen the plausible Antagonist(s) of Taste and Smell Receptors in Covid-19 Patients	Dr.Vidya C S Professor	Anatomy
3	Comparative evaluation of cardiovascular risk factors through Framingham's study (FHS) parameters in the individuals with long-term lifestyle (Exercise) adoption of gym and yoga: a pilot study	Dr.Ravishankar M.V. Asst. Professor	Anatomy
4	Histomorphometric analysis of newly discovered tubarial salivary gland and its clinical implications	Dr Pushpa.B	Anatomy
5	The role of RNA-induced silencing complex in the development and progression of Nonalcoholic steatohepatitis and Hepatocellular Carcinoma: The molecular intervention using natural compounds.	Dr.Prasanna Kumar S Asso. Professor	Biochemistry
6	Targeting key signaling cascades using D-Formin (A combination of Vitamin-D and Metformin) for inhibiting carcinomas of breast in vitro and in vivo	Dr.MVSST Subbarao Professor	Biochemistry
7	Upregulation of hydroxy-prostaglandin dehydrogenase (HPGD) using hydroxy - Chloroquine as a novel therapeutic strategy in cervical carcinoma	Dr.Suma M N Vice - Principal & Professor & Head	Biochemistry
8	Methylation of genes regulating adipogenesis (PPAR $\alpha$ ;CEBPA SREBF1) and its relation with serum Vitamin D in young adults with and without obesity	Dr.Shobha C R., Asst.Professor,	Biochemistry
9	Therapeutic targeting of AATF in non-olcoholic steatohepatitis (NASH)	Dr.Divya Prasanna Kumar Asst. Professor	Biochemistry

10	Delineating the mechanism(s) of cell death induced by Diallyldisulfide (DADS) in vitro	Dr, Sujatha P Assistant Professor	Biochemistry
11	Profile of Micronutrient Deficiency nutritional status and cognitive dysfunction among elderly residing in tribal areas of Southern Karnataka	Dr. Praveen Kulkarni Asso. Professor	Community Medicine
12	Yoga Module for non-dipper hypertension elucidating the mechanism of restoring the circadian blood pressure variability	Dr.Madhu B Professor	Community Medicine
13	Analysis of Resident Memory T(TRM) cells and IL15 levels in vitiliginous patches as predictors of response to treatment and prognosis	Dr.Vinutha Rangappa Asst Professor	Dermatology
14	Study on impact of pictorial drug labelling on medication compliance among elderly	Dr.ShilpaAvarebeel Asst Professorof	Geriatrics
15	Rational use of antibiotics in tertiary care hospital	Dr.Sumana MN Professor	
16	Typing of Methicillin resistant Staphylococcus aureus (MRSA) in a tertiary care hospital by Multiplex PCR method, Mysore, South India"	Dr.Tejashree A. Professor & HOD of	Microbiology
17	Screening of children aged 4 months to 5 years for recognition of childhood developmental disabilities	Dr. Rashmi N Asst. Prof	Pediatrics
18	A Study on antidiabetic and probiotic potential of Lactobacillus isolates from food sources	Dr Kalabharathi H L, Associate Professor, Dept. of	Pharmacology
19	A comprehensive' approach to explore the antidiabetic potential of bioactive peptides from colostrum	Dr Satish A. M, Professor,	Pharmacology
20	Development of antidiabetic bioactive peptides from cow colostrum	Dr.NagmaFirdose Senior Resident	Pharmacology
21	Studies on cow colostrum bioactive peptides as a modulator of Peroxisome Proliferator-Activated Receptor- $\gamma$ (PPAR- $\gamma$ ) targeting obesity and metabolic disorders	Dr.Manu G Asst. Professor of	Pharmacology
22	Changes in AKT signaling cascade in brain of diabetic mice with and without vitamin D treatment	Dr.Vijaya Vageesh Y Asso. Professor	Physiology
23	Behavioral changes due to hyperglycemia in high fat diet and streptozotocin induced Type 2 Diabetic Mice	Dr.Priya S.A. Asst. Professor	Physiology
24	Molecular patho-mechanism of biomass smoke induced chronic obstructive pulmonary disease among women: Population based- and in vitro exposure studies	Dr.P.A.Mahesh Professor & Head	Respiratory Medicine