

**JSS AHER**  
**JSS MEDICAL COLLEGE, MYSURU**  
**COMPLETED 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
<b>2018</b>						
1	Expression of NRF2 in lung tumor biopsies using immunohistochemistry	Dr. Siddamma Amoghimath PG Student Pharmacology	JSS AHER	REG/DIR/(R )/URG/54/2011-12/7278/9 DATE: 05.11.2015	42750.00	3 Yrs.
2	Comparison of time taken for feeding stable preterm babies between regular nurse feeding and feeding with feed rail	Dr. Srinivasamurthy D Professor, Dept of Pediatrics	JSS AHER	REG/DIR/(R )/URG/54/2011-12/10886/3 DATE: 23.02.2017	95000.00	1 Yr
3	Pediatric Adjustable Gastrostomy tube	Dr. Anilkumar M G Professor & Head Pediatric Surgery	JSS AHER	REG/DIR/(R )/URG/54/2011-12/10886/1 DATE: 23.02.2017	75000.00	1 Yr
4	Non invasive characterization of the thyroid nodules by gray scale ultrasonography, color Doppler, ultrasound elastography and fine needle aspiration as a way for screening, early detection and proper management of malignant lesions of thyroid.	Dr. Rajesh R Asso. Professor Radio-Diagnosis	JSS AHER	REG/DIR/(R )/URG/54/2011-12/10886/4 DATE: 23.02.2017	50000.00	1 Yr
5	Pharmacogenomic approach for measuring NeF2 inhibitory potential of Benzoic and Cinnamic acid Derivatives Using Cell Lines Representinting Carcinomas of Breast	Dr. Pushpa H V Asso. Professor Pharmacology	JSS AHER	REG/DIR/(R )/URG/54/2011-12/10886/2 DATE: 23.02.2017	50000.00	1 Yr

6	Establishing the SAR of benzoic acid derivatives in inhibiting NRF2 activity	Dr. Sabreen Bashir PG student Dept of Pharmacology	JSS AHER	REG/DIR/(R)/URG/54/2011-12/10886/5 DATE: 23.02.2017	25000.00	1 Yr
7	Targeting NRF2 signaling cascade in lung cancer cells using Cinnamic acid derivatives	Dr. Poornima R PG Student Pharmacology	JSS AHER	REG/DIR/(R)/URG/54/2011-12/10886/6 DATE: 23.02.2017	25000.00	1 Yr
8	Pattern of Distribution of Congenital Anomalies in stillborn in Mysore an autopsy based Prospective study	Dr. Vinutha S P Asst. Professor Anatomy	JSS AHER	REG/DIR/(R)/URG/54/2011-12/10886 DATE: 23.02.2017	50000.00	1 Yr
9	"In Vitro Anticancer activity of Piper Nigrum extract against colon cancer cell lines."	Mr. Anshu Kumar Yadav PG Student Biochemistry	JSS AHER	REG/DIR/(R)/URG/54/2011-12/1884 Dated: 23.02.2017	25000.00	1 Yr
10	Phenotypic and molecular characterization of carbapenem Resistant Klebsiella pneumoniae	Ms. Archana Hegde Research Scholar Dept of Microbiology	JSS AHER	REG/DIR/(R)/URG/54/2011-12 - 4439/A Dated: 11.08.2017	25000.00	1 Yr
11	Screening of Congenital Heart Disease in Term Newborns	Dr. Rajini H S Asst. Prof Dept of Pediatrics	JSS AHER	REG/DIR/(R)/URG/54/2011-12 - 4439 - E Dated: 11.08.2017	50000.00	1 Yr
12	Invitro Therapeutic Efficacy of Vitamin D3 for treating Carcinomas of Cervix Colon and rectum	Dr. Shruthi N PG Student Biochemistry	JSS AHER	REG/DIR/(R)/URG/54/2011-12/7278/4 DATE: 05.11.2015	30000.00	3 Yrs.
13	Expression of HIF- 1 alpha in lung tumor biopsies using immunohistochemistry	Dr. Shruthi S L PG Student Pharmacology	JSS AHER	REG/DIR/(R)/URG/54/2011-12/7278/7 DATE: 05.11.2015	47600.00	3 Yrs.
14	A study of Ki 67 Immunohistochemical expression in malignant ovarian surface epithelial tumors	Dr. Shruthi M K PG Student Pathology	JSS AHER	REG/DIR/(R)/URG/54/2011-12/7278/2 DATE: 05.11.2015	35000.00	3 Yrs.

15	An inter-comparison of allergens in hand feet and hand feet eczema by patch testing	Dr. Sahana S R PG student	JSS AHER	REG/DIR/(R)/URG/54/2011-12/7278/3 DATE: 05.11.2015	50000.00	3 Yrs.
16	To evaluate the effect of ethanolic extract of Bitter Melon Whole Fruiton glycogen synthesis and lipogenesis using primary preadipocytes	Dr. Swetha N K Lecturer Biochemistry	JSS AHER	REG/DIR/(R)/URG/54/2011-12/7278/1 DATE: 05.11.2015	50000.00	3 Yrs.
17	Pattern of distribution of Congenital Anomalies in still Born in Mysore : An Autopsy based prospective study	Dr. Vidya C S Associate Professor Anatomy	JSS AHER	REG/DIR/(R)/URG/54/2011-12/7277 DATE: 05.11.2015	50000.00	2 Yrs.

**2019**

1	Evaluation of specificity and sensitivity in detection of arterial variants in the liver segments by cast method vs contrast CT imaging in patients with abdominal trauma	Dr. Vidya C S Asso. Prof. Dept of Anatomy	JSS AHER	REG/DIR/(R)/URG/54/2011-12 - 4439 - J Dated: 11.08.2017	50,000.00	2 Yrs
12	Evaluation of macrophage inhibitory Cylokine - 1 as a potent marker in breast carcinoma for an early diagnosis and targeted therapy	Dr. T S Rekha Asso. Professor Dept of Pathology	JSS AHER	REG/DIR/(R)/URG/54/2011-12 - 4439 - I Dated: 11.08.2017	40,000.00	2 Yrs
13	Comparison of enzyme immunoassay with immunofluorescence assay for the diagnosis of mycoplasma pneumoniae	Ms. Pooja P B Research Scholar Dept of Microbiology	JSS AHER	REG/DIR/(R)/URG/54/2011-12 - 4439/B Dated: 11.08.2017	25,000.00	2 Yrs
14	Antifungal susceptibility testing of dermatophytes by disc diffusion and E-Test A Comparative study	Mr. Satya Sai B Research Scholar Dept of Microbiology	JSS AHER	REG/DIR/(R)/URG/54/2011-12 - 4439/H Dated: 11.08.2017	25,000.00	2 Yrs

15	Therapeutic Efficacy of Vitamin D3 alone and in combination with Metformin on Carcinoma of Breast	Mr. Prashanth Kumar M V PhD Student Biochemistry	JSS AHER	REG/DIR/(R)/URG/54/2011-12/10886/7 DATE: 23.02.2017	25,000.00	3 Yrs
<b>2020</b>						
1	Multi User Universal Medical Ampule Breaker with integrated sharps bin -(MU-MAB)	Dr. Srinivasa Murthy, Professor, Dept. of Padiatrics, JSS Medical College, Mysuru	JSS AHER	REG/DIR/(R)/URG/54/2011-12/7983 Dt: 28.10.2019	27,000.00	04 months
2	Protective mutations in IREB2, CHRNA & FMRI genes that prevent occurrence of chronic obstructive pulmonary disease among smokers	Dr. Vivek Anand Ojha PG student Dept of Biochemistry	JSS AHER	REG/DIR/(R)/URG/54/2011-12 /9803 Dated: 16.01.2019	25,000.00	1 Yr
3	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	JSS AHER	REG/DIR/(R)/URG/54/2011-12/6915 25.09.2019	50,000.00	6 months
4	Medical Technology Based Smartphone Application in the Management of Diabetes Mellitus	Dr. Sunil Kumar D Asso. Professor Community Medicine	JSS AHER	REG/DIR/(R)/URG/54/2011-12/10312, Dated: 28.12.2019	20,000.00	2 Yrs.
5	Screening of anticancer activity of Ayurvedic formulations on breast cancer cell lines	Dr.Pushpa.V.H, Associate Professor, Dept. of Pharmacology	JSS AHER	REG/DIR/(R)/URG/54/2011-12/10312, Dated: 28.12.2019	40,000.00	1 Yr.
<b>2021</b>						
1	Close Range Immersive Photography(CRIMP)	Dr.Sushma Krishnegowda Assistant professor Department of Pediatrics	JSS AHER	REG/DIR/(R)/URG/54/2011-12/6915 25.09.2019	50,000.00	2 Yrs

2	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, ISS Medical College, Mysuru	JSS AHER	REG/DIR/(R)/URG/54/20 11-12/5293, Dated: 19.10.2020	52,500.00	03 months
3	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 Betsurmth, Post Graduate Student, Dept of Dermatology	JSS AHER	REG/DIR/(R)/URG/54/20 11-12/10312, Dated: 28.12.2019	23,200.00	18 Months
4	Comparative study of correlation of Vitamin D with insulin resistance and lipid parameters among diabetics and non diabetics	Mr.Sai Dheeraj Mulpuru, Under Graduate student, JSS Medical College, Mysuru	JSS AHER	REG/DIR/(R)/URG/54/20 11-12/7983 Dt: 28.10.2019	25,000.00	02 Yrs
5	To study correlation of serum cytokines with vitamin D Levels among diabetics with/without nephropathy	Dr.Likhitha Nadendla, Post Graduate student, Dept. of General Medicine, JSS Medical College, Mysuru	JSS AHER	REG/DIR/(R)/URG/54/20 11-12/7983 Dt: 28.10.2019	25,000.00	2 Yrs
6	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	JSS AHER	REG/DIR/(R)/URG/54/20 11-12/5293, Dated: 19.10.2020	10,000.00	3 Yrs