

**Sri Ramachandra faculty of Pharmacy, SRIHER(DU)**

**Department of pharmaceutical chemistry**

## **Extramural**

<u>Sl.No</u>	Name of the staff	Title of the project	Amount sanctioned	Date/year	Status
1.	Dr.K.Chitra Principal Investigator	ADVANCES IN PHARMACEUTICAL EDUCATION AND RESEARCH (DST - FIST Govt of India)			In progress
2.	VINODHINI C DR Co-Investigator	ADVANCES IN PHARMACEUTICAL EDUCATION AND RESEARCH (DST - FIST Govt of India)	53 Lakhs	2020	

## Summer research project Sanctioned

<u>Sl.No</u>	Name of the student	Title of the project	Name of the Guide	Date/year	Status
3.	Ms.Tesini	HPTLC Finger Printing and Pesticidal analysis of a siddha source herb <i>Acalypha indica</i> (Linn) aerial	VINODHINI C DR	2019	completed
4.	Ms.sathya	Comparative evaluation of herbal toothpaste with popular commercial toothpaste: an in vitro study	Dr. S. Gayatri	2019	completed
5.	Ms.Divya Devi	Optimization of an analytical procedure for the determination of oxidative hair dye in commercial cosmetic formulation	Dr. K. Mythili	2019	completed
6.	Ms.G.Divya devi	Spectrophotometric determination of contaminants in dermatological formulation and cosmetics	Dr.K.Mythili	2020	completed
7.	Mr.R.S.Ram kumar	A Validated RPHPLC method development for the quantitative estimation of dolutegravir using hydrotropic solubilisation technique- An eco-friendly approach	Dr.S.Gayatri	2021	In progress
8.	Ms..Shindhujhaa M	Development and evaluation of Hard gelatin Inhalant capsule from selected plant contain essential oil for treatment of viral infection	Mrs.R.Jasmin Sajini	2021	In progress
9.	Ms.Haritha R	Green analytical chemistry (GAC) for development of stability indicating HPLC method for Curcumin estimation in herbal formulation	C Vinodhini	2021	In progress
10.	Ms.Preethi J	QbD approach for the quantification of Silymarin supplement - A Glutathione booster in Oral cancer therapy	C Vinodhini	2021	In progress

11.	Ms.Deepa U	Rationality In Preparation Of Nilavembu Kudineer- Scientific Validation	DR Shabna Roupal Morais	2021	In progress
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## GATE project sanctioned

<u>Sl.No</u>	Name of the staff	Title of the project	Amount sanctioned	Date/year	Status
12.	Dr.VINODHINI C DR (CO-PI)	Bioanalytical quantification of Vitamin C in Human blood plasma by reverse phase “ High performance liquid chromatographic method and correlation with semen quality on infertility in men	93000	21-10-2019	In progress
13.	Dr. K. Mythili(PI)	Air Sampling and method optimization for the assessment of volatile Organic Compounds (VOCs) in indoor environment “ A study of air quality impact assessment	95000	21-10-2019	completed
14.	Dr.Shabna Roupal Morias (CO-PI)	Production and stability testing of inhouse prepared Standard Parenteral Nutrition solution for pre term and very low birth weight neonates	98000	21-10-2019	In progress
15.	Mrs.R.Jasmin Sajini (PI)	Development and Characterization of Phytosome from Ixora coccinea Linn for effective treatment of skin cancer	90000	21-10-2019	In progress
16.	Dr.S.Gayatri(CO-PI)	Air Sampling and method optimization for the assessment of volatile Organic Compounds (VOCs) in indoor environment “ A study of air quality impact assessment	95000	21-10-2019	completed

17.	Dr.K.Chitra (CO-PI)	Calendula Reinforced Naproxen Emulgels to Abate Inflammation and Therpeutic Facilitation:Formulation optimization.In-vitro and Ex-vivo investigation	95,891	26-05-2022	In progress
18.	Dr.K.Chitra (CO-PI)	Establishment and validation of ligand binding assay for the upregulationof NMDA receptor in diabetes mediated Neuropathy rats using LC-MS/MS	100,000	26-05-2022	In progress
19.	Dr.C.Vinodhini (CO-PI)	Antioxidant supplements and Glutathione :Evaluation by In vitro HPLC assay in heag and neck aquamous carcinoma(HNSCC) cell line	99,246	26-05-2022	In progress
20.	Dr.S.Deepa (CO-PI)	Effect of Homolanistadiene isolated from the leaves of innamomum malabatum on modulation of steroidogenesis using ovarian granulosa cell lie-A PCOS relevant study	98,500	26-05-2022	In progress
21.	Dr.V.Soumya (PI)	Effect of Homolanistadiene isolated from the leaves of innamomum malabatum on modulation of steroidogenesis using ovarian granulosa cell lie-A PCOS relevant study	98,500	26-05-2022	In progress