



Dedicated To Educate

## Karnataka College of Pharmacy

### RESEARCH GRANTS

#### Ongoing Faculty Research Grants

Name of the research project	Name of Principal Investigator	Department of PI	Year of Award	Amount / Fund Received	Duration of the project	Name of funding agency
Fabrication of curcumin by novel Cocrystallization technique using suitable cofomer for improved aqueous solubility.	Mrs. Archana T	Pharmaceutics	2019	80K	2 years	RGUHS
Design and characterization of CEYCIS BEDDOMEI extract for its invitro anti cancer activities	Dr. Baggiyaselvi D	Pharmacognosy	2019	3.16 Lakhs	2 years	RGUHS
Design, synthesis, insilico drug design of novel halo substituted chromone derivatives as potent hybrid molecules for the potential treatment of cancer	Dr. Deepthi D. Kini	Pharmaceutical Chemistry	2019	4 lakhs	2 years	RGUHS
Novel Development of Phytomedicine & its Innovative Formulation of Guava leaf extract chocolates for various incredible Therapeutic	Dr. Prabhakar T	Pharmacognosy	2019	1 Lakhs	2 years	RGUHS

activities.						
Development of Poly electrolyte Nano complexes of an Aromatase inhibitor with Flax seed oil as a Phytotherapeutic adjuvant for Targeting Breast Cancer Cells: An Integrative Oncological Approach beyond Conventional Cancer Therapies	Dr. Rashmi Mathews	Pharmaceutics	2019	5 Lakhs	2 years	RGUHS
Investigation of Influence of SV2A gene, ABCB1 gene and MDR1 gene in the Safety Profile of Levetiracetam	Dr. Shreya P Gudur	Pharmacy Practice	2019	10 Lakhs	2 years	RGUHS
Development and validation of novel DBS (dried blood spot) method on LC-MS/ MS and/ or HPLC for anti-cancer drugs and its application to pharmacokinetic study in rodents	Dr. Harsha Tripathy	Pharmaceutical Chemistry	2018	5 lakhs	2 years	RGUHS
Investigation of influence of 5HT3B gene, ABCB1 gene and cytochrome P 450 2D6 gene polymorphism in efficacy of antiemetic treatment with Ondansetron in gastro	Mrs. Kusu Susan Cyriac	Pharmacology	2018	6 lakhs	2 years	RGUHS

urinary post-operative patients.						
Design and synthesis and biological evaluation of noval quinoline based analogues for anti-tumor agents	Dr. C.Sreedhar	Pharmaceutical Chemistry	2018	4 lakhs	2 Years	RGUHS
Preparation and screening of Bioactive nanocomposite scaffold for supressing cancer proliferation	Dr. Beny Baby	Pharmaceutics	2018	2 Years	2 Years	RGUHS
Design and synthesis of some xanthenes and its bioisosters as P2 receptor antagonist	Mrs. N.V.L.Sirishamulukuri	Pharmaceutical Chemistry	2017	5.3 lakhs	2 Years	RGUHS
Development of seaweed polysaccharide based oral anticancer nanoparticles: Bioavailability enhancement Approach	Mr. S.Rajarajan	Pharmaceutics	2017	3 lakhs	2 Years	RGUHS

### Completed Faculty Research Grants

Name of the research project	Name of Principal Investigator	Department of PI	Year of Award	Amount / Fund Received	Duration of the project	Name of funding agency
Oral Liquid Sustained delivery of Metformin HCl	Dr. B Prakash Rao	Pharmaceutical Technology	2017	2 lakhs	2 Years	RGUHS
A detailed investigation on the Type I antidiabetic activity of phytochemicals isolated from Momordica tuberosa Cogn and Momordica dioica Roxb (Cucurbitaceae family) with specific focus on pancreatic beta cell	Dr.Suman Samaddar	Pharmacology	2017	11 lakhs	2 Years	RGUHS
Assessment of management of High Risk Medication in Tertiary care hospitals by assessing the knowledge and Handing of High risk medication by Nurse Practitioners after pre and post intervention	Dr. R.Balakeshav	Pharmacy practice	2016	400000	2 Years	RGUHS
Evaluation of neuroprotective action of biologically active components of marine algae in diabetic peripheral neuropathy	Dr.Raju Koneri	Pharmacology	2015	950000	2 Years	RGUHS

### Ongoing Under Graduate Research Grants

Name of the research project	Name of Principal Investigator	Department of PI	Year of Award	Amount / Fund Received	Duration of the project	Name of funding agency
Formulation and evaluation of collagen based silver nanoparticles: Topical bullets for healing of wounds	Ashwal KN	Pharmaceutics	2021	0.15 lack	3 months	RGUHS
Formulation and evaluation of Henna and grape fruit extract-based antifungal Nail lacquer	Priyanka K	Pharmaceutics	2021	0.15 lack	3 months	RGUHS
Development of an antioxidant cream based on Mulberry fruit (Morus alba L) extract to dampen photoaging	Pavan Kumar	Pharmaceutics	2021	0.15 lack	3 months	RGUHS
An Innovative delivery through skin for the better enhancement of Vitamin K	K Tanuja	Pharmaceutics	2021	0.15 lack	3 months	RGUHS
Invitro Absorption study of activated Charcoal for the treatment of overdose and toxicity	Savitri Biradar	Pharmaceutics	2021	0.15 lack	3 months	RGUHS

### Completed Under Graduate Research Grants

Name of the research project	Name of Principal Investigator	Department of PI	Year of Award	Amount / Fund Received	Duration of the project	Name of funding agency
Topical Corticosteroid Induced Skin Manifestations and its impact on the adrenal suppression in abused patients-A Cohort Study	Cybelda Alicia Chadichal	Pharmacy Practice	2020	0.15 lack	3 months	RGUHS
A prospective comparative study on effectiveness of using Prescription Dispensary Identification System (PDIS) for dispensing of narcotics in community pharmacy	Delvin Santhosh Kumar	Pharmacy Practice	2020	0.15 lack	3 months	RGUHS
A comparative evaluation to correlate the prevalence of respiratory diseases between Air-conditioned and Naturally ventilated workspaces in the Indian Information Technology (IT) Sector	Andrea Xavier	Pharmacy Practice	2020	0.15 lack	3 months	RGUHS
Assess and improvise the technique of using various pulmonary inhalers by taking pulmonary function test as a marker in patients prior to tertiary care hospital discharge	Pranjal Pal	Pharmacy Practice	2020	0.12 lack	3 months	RGUHS
Formulation and evaluation of novel poly herbal anti dandruff shampoo	Mahanth G	Pharmaceutics	2019	0.15 lack	3 months	RGUHS

Enhanced antibacterial effect by antibiotic loaded nanoparticles for gonorrhoeae: pharmacokinetic studies	Dayon K	Pharmaceutics	2019	0.15 lack	3 months	RGUHS
Development of a transdermal herbal formulation with sustained release to treat mastitis in dairy cattle	Brijesh R Naik	Pharmaceutics	2019	0.15 lack	3 months	RGUHS
To examine the clinical efficacy and safety of Itraconazole therapy v/s pulse therapy regimen in management of resistant dermatophytosis.	Sharath Kumar. H.J	Pharmacy Practice	2019	0.15 lack	3 months	RGUHS
To assess the impact of vit K containing food on INR values in patients receiving warfarin therapy	Srikanth Darisi.	Pharmacy Practice	2019	0.15 lack	3 months	RGUHS
Risk of bleeding in cardiovascular patients who are on dual antiplatelet and anticoagulant therapy	Gayatri Suresh	Pharmacy Practice	2019	0.15 lack	3 months	RGUHS
Pulmonary function test as a marker to evaluate occupational related respiratory disorder in below poverty population-A case control prospective interventional study.	B.N.Vinushree	Pharmacy Practice	2019	0.15 lack	3 months	RGUHS