

Recommendations of Seed Money Research Project Review Committee held on 23-11-2022

Seed Money for faculty Research year 2021												
No.	Name of PI and Co-PI	Department	Project Title	Year of sanction	Duration	Amount requested (Rs.)	Amount Sanctioned (Rs.)	Start date	Amount spent	Present Status	Project in progress/ Completed	Remarks
1	Dr. Vibha Vinayakumar Bhat (PI) Mrs Ramya Kumari BS (Co-PI)	Chemistry / BC	Synthesis of fumaramide derivatives of Lanthanum (III) complexes and their screening for AChE and BuChE inhibition activities	2022	3 years	3.90	3.25	May 2022	Initiated procurement of the material	Literature survey is done Procurement of equipment's and Chemicals are under progress Synthesis of Ligands and complexes have been initiated with the available chemicals	In progress	
2	Dr. Shashidhar Bharadwaj	Chemistry / BC	Design, Synthesis and Evaluation of Quinoline Hybrids as Novel Inhibitors against the <i>P. falciparum</i> Dihydrofolate Reductase (Pfdhfr) of Possible Promising Antimalarial: Investigation of Antimalarial Activities	2022	3 years	5.00	4.00	May 2022	Initiated procurement of the material	Literature survey is done and Molecular docking studies is going on	In Progress	
3	Dr. Bharath K. Devendra	Chemistry / BC	Advanced Strategies for Hydrogen Generation and Photo catalyst Applications using Nobel Metal Catalysis	2022	2 years	4.00	3.70	May 2022	Initiated procurement of the material	After the literature survey work, initial procurement of chemicals, instrument, and electrodes is under progress.	In progress	

4	Dr. Hareesh Kumar P	Chemistry / BC	A Novel Process for the preparation of Molnupiravir- Anti-viral repurposed to Anti-Covid-19	2021	3 years	5.20	4.95	July 2022	3.9 lakh		In progress	
5	Dr. M. Vinutha M. (PI) and Dr. Lakshmikanth R.N. (Co-PI)	Biotechnology and Genetics	Study and evaluation of <i>Cymbopogon</i> species on Methicillin Resistant <i>Staphylococcus aureus</i> (MSRA)	2019-20	2	1,15,743	1,15,743	Nov 2020	Will be submitted soon	Wet lab work is completed. Statistical Analysis of the result needs to be done.	Completed	Based on the results of the current research project Second seed money proposal has been prepared
6	Dr. Vasanth K Bhaskara	Biochemistry	Molecular characterization of cancer stem cell mediated drug resistance in Triple Negative Breast Cancer (TNBC)	2019-20	2 years	3.00	1.50	Jan., 2019	1,14,903	Top up of 30,000/- claimed for substantiating the results by RT PCR. However, related faculty is not cooperating to continue RT PCR related work. Soon communication of the available results will be done.	Completed	Waiting for DST-SERB grant of 49 lakhs with two staff claimed. This is in collaboration with IISc and RMCH. Another seed money proposal is ready to submit for the upcoming call.
7	Dr. Krishna Rao J	Biochemistry	Premature ovarian failure mutation detection by exome capture and NGS	2019-20	3 years	4.00	2.90 ILakh	August 2021	Rs 16,585	DNA extraction from blood samples done. Waiting for samples from RMCH	In Progress	Requested to close the project at the existing stage
8	Dr. Asha KS	Chemistry	Synthesis of photo catalytic metal organic coordination polymers and their application towards the decomposition of organic pollutants.	2019-20	3.5 years	5.50	3.26	Jan 2021		Work stopped from one year as PI resigned from job So As Co-PI i did little work and manuscript is getting ready	In Progress	PI, Dr. Asha Left the job due to health issues.
9	Dr. Vemula Vani	Microbiology	Structure based design and functional evaluation of potential inhibitors against HPV E6 protein	2019-20	3 years	13.87	3.87	November 2020	1,88,00	Potential inhibitors against HPV E6 protein were designed using <i>de novo</i> ligand design and database screening approaches.	In progress	Functional evaluation of the inhibitors using cell culture based assays needs to be performed to check their activity