

LIST OF RESEARCH FUNDED PROJECTS FROM GOVT. AGENCIES

Sl.No.	Title	PI and Co-PI	Funding Agency	Duration	Total Cost (In lakhs)	Date of Sanction
1	Peptide based aptamerkit for rapid detection of mycobacterium tuberculosis	Dr Vidya Niranjana	MSME	1yr	15	2024
2	Development of novel quantum computing algorithm for prediction of protein 3D structure incorporating intrinsic disorderedness	Dr Vidya Niranjana	MeitY QCAL	18 months	2.66	2023
3	Regulation of Xanthosine metabolism and its effect on caffeine biosynthesis in coffee plants	Dr Nagashree Rao (PI) Dr Ashwani Sharma (Co-PI)	DBT	3	33.33	2022
4	A Novel multiomics approach to predict the possible longterm complications of Covid 19	Dr Vidya Niranjana	ICMR	3yr	7.2	2021
5	Extraction of Bioactive compounds from citrus peel waste and formulation of edible product	Dr A V Narayan	KSTA	1	0.6	2021
6	Continuous column bioabsorption of azodyes from textile industry effulents using zinc oxides chitin nanocomposites	Dr Rajeshwari M	KSTA	1	0.35	2021
7	Kafifil – Kapok fibre based filter, Make in India Initiative	Dr Ashwani Sharma (PI) Dr Nagashree Rao (Co PI)	KSTA	1	0.7	2021

8	Functional characterization of regulatory genes involved in pungency in capsicum species	Dr Nagashree Rao (PI) Dr Ashwani Sharma (Co-PI) Dr Shivanandappa (Co-PI)	DBT	3	11.92	2020
9	Development of natural fibre based oil absorbant for commercial and industrial application	Dr Nagashree Rao (PI) Dr Ashwani Sharma (Co-PI) Dr ShamAan(Co-PI)	AICTE	2	7.64	2020
10	Nanoparticle based immobilization of carbonic unhydrase for environmental Co2 sequestration	Dr Sumatra M	VGST	2	5.00	2019
11	Design and Development of Mini PCR	Dr Neeta Shivakumar	KSCST	1	0.07	2019
12	Genetic enhancement of mulberry by genomic approaches: A multicomponent network project	Dr Vidya Niranjana	DBT	3yr	10	2018
13	Assessment of SNP variation In silkworm (Bombyx mori L.) by RAD sequencing and Genome wide association mapping of important commercial traits.	Dr Vidya Niranjana	DBT	3yr	26.88	2018
14	Investigation on metabolite profile and betalins biosynthesis in Basella spp – an edible leafy vegetable	Dr Ashwani Sharma (PI) Dr Nagashree Rao (Co PI)	DBT	3	18.26	2017

LIST OF FUNDED PROJECTS FROM INDUSTRY / TRAINING

Sl.No.	Title	PI and Co-PI	Funding Agency	Duration	Total Cost (In lakhs)	Date of Sanction	Remarks
1	Skill development program for igniting the young minds in Biotechnology	Dr Neeta Shivakumar	BRSI	2days	0.19	2024	BRSI- Professional body (training)-(yet to conduct)
2	Optimization and negation of user input bias in variational quantum eigen solver for protein folding	Dr Vidya Niranjana	IonQ	1	4.135	2024	Industry research
3	Python library that enables AI based labelling of medical imaging data and active learning	Dr Vidya Niranjana	Nvidia Inception Startups	5	8.5	2023	Industry research
4	Bioinformatics	Dr Vidya Niranjana	RV University	0.2	0.84	2023	Training
5	Bioinformatics	Dr Vidya Niranjana	PESIT	0.2	0.12	2023	Training
6	Strengthening of Tissue culture lab	Dr Neeta Shivakumar	NHM + RSST	1yr	25	2019/20	Infrastructure
7	FDP under ATAL scheme	DR G Vijaykumar DrTrilokchandran	AICTE	0.1	0.9300	2020	Training
8	Healthcare in AIML financial Assistance for International conference on AIML	Dr Vidya Niranjana	AIML INT. CONFERENCE	0.3	9.5	2019	Training
9	Waste to energy	Dr Lingayya Hiremath DR G Vijaykumar Dr Narendra Kumar S Dr Praveen kumar Gupta	KCTU (50%) RSST (50%)	3	55.00	2019	Infrastructure

10	Modernization of NGS lab for PG and Research	Dr Vidya Niranjana	AICTE	1	8.0	2016/2017	Infrastructure
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