

**DEPARTMENT OF BIOTECHNOLOGY**  
**R.V. COLLEGE OF ENGINEERING, BENGALURU – 560 059**  
*(An Autonomous Institution affiliated to VTU, Belagavi)*

**List of funded Student's Research projects**

Sl No	Name of Principal Coordinator/Coordinator	Project Title	Year of sanction	Funding Agency	Amount in lakhs	Sanction no
1	Dr Vidya Niranjana Rudrappa Gattu (JRF)	Identification of molecular signaling pathways of insulin like growth factor(IGF)1	2018	DBT-BCIL	3.59	BCIL/HRD/DBT-JRF/FLSP
2	Dr Lingayya Hiremath and Prof Narendra Kumar S	Design of horizontal photoreactor and extraction of useful compounds from expired pharmaceutical drugs using <i>Scenedesmus dimorphus</i> microalgae	2018	Design Clinic MSME project	2.0	SDP-17-1007
3	Dr Neeta Shivakumar	Design and fabrication of Mini PCR machine sponsored by KSCST (Karnataka State Council for Science and Technology) –2018 -2019 - Ref No. 42S_R_MTECH_012.	2018	KSCST	0.070	42S_R_MTECH_012.
4	Dr Prasanna Kumar (E&I) Dr Ajeeth Kumar Srivastava ( BT)	Automated Underwater Purifier	2016	IISc-MSME Centre of Excellence Ministry of MSME Govt. of India	1.3	MSME/COE/DP-SP-017/001 dated 28.12.16
5	Dr Lingayya Hiremath	Production of Bacterial cellulose from sewage and its use in power generation through enzymatic fuel cell formulation	2018	KSCST	0.10	41S_B_BE_081
6	Dr Nagashree N Rao Dr Ashwani Sharma	Preparation of oral contraceptives for canines from herbal extracts	2018	KSCST	0.075	41S_BE_0647
7	Dr Lingayya Hiremath Mr Shivanandappa	Regeneration, elicitation of Bioactive compound extracted from endangered medicinal plant <i>Mucina prureins</i> and study of its inhibition activity using biomolecular simulation studies	2017	KSCST	0.075	40S_BE_008
8	Mr Shivanandappa	Production of clean fuels from micro algae	2016	KSCST	0.115	39S_B_BE_006
9	Dr Ashwani Sharma Dr Nagashree N Rao	Development of Eco friendly mosquito repellent	2015	KSCST	0.05	38S0900
10	Dr Ashwani Sharma Dr. M S Krupashankara (Mech Engg)	Development of Eco friendly and Biodegradable bio composite	2014	KSCST	0.055	37S1014
11	Dr Nagashree N Rao Dr Ravindra S Kulkarni	Production of Designer Foods- Yoghurt	2013	KSCST	0.04	36S1117

12	Dr G Vijay Kumar Dr Lingayya Hiremath Dr Nagashree N Rao	Generation of bioelectricity using Microbial Fuel Cells	2013	KSCST	0.04	36S1118
13	Dr. Pushpa Agrawal Prof M Rajeswari	Continuous biosorption of Arsenic and Cadmium by <i>Moringa oleifera</i> in a Packed column	2012	KSCST	0.07	35S0243
14	Dr Nagashree N Rao	<i>Agrobacterium tumefaciens</i> mediated genetic transformation of <i>Arachis hypogaea</i> (ground nut)	2010	KSCST	0.07	33S1084
15	Dr Pushpa Agrawal	Arsenic removal from drinking water	2006	KSCST	0.035	29S0630