

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

List of funded Research Project- Completed

SL No	Name of PI / Co-PI	Project Title	Year of sanction	Funding Agency	Amount in lakhs
1	Dr. Nagashree N Rao (PI) Dr. Ashwani Sharma (Co-PI)	<i>Agrobacterium tumefaciens</i> mediated genetic transformation and over expression of <i>Arabidopsis thaliana</i> Phenyl alanine ammonia lyase (<i>ATPAL2</i>) in <i>Decalipes hamiltonii</i>	2014 (Extended)	DBT	34.50
2	Dr. Pushpa Agrawal (PI) Dr. Vidya Niranjan (Co-PI)	Proteo-genomics study of Mulberry silkworm <i>Bombyx mori</i> ,	2015	DBT	23.40
3	Dr. Shobha G (PI) (CSE) Dr. Nagashree N Rao (Co-PI) Dr. Ashwani Sharma (Co-PI) Mr. A.E Manjunatha (Co-PI)	Bio-inspired computing for the analysis of pectin in citrus fruits	2014	NMFP-MOFPI	04.00
4	Dr. A V Narayan (PI) Mr. Ajeet Kumar Srivatsava (Co-PI)	Studies on the recovery of bioactive compounds from tomato waste using emerging technologies	2013	UGC	12.44
5	Dr. Nagashree N Rao (PI) Dr. Ravindra S Kulkarni (Co-PI) Mech Engg	Micropropagation studies and metabolite characterization in <i>Colacasia esculenta (L.) Schott</i>	2013	UGC	10.08
6	Dr. H. G. Ashok Kumar (PI) Dr. Pushpa Agrawal (Co-PI)	Haploid plant regeneration from anther and microspore cultures of cotton (<i>Gossypium hirsutum</i> L)	2010	VTU	10.02

7	Dr. Neeta Shivakumar (PI) Dr. PushpaAgrawal (Co-PI)	Crop improvement of ginger (<i>Zingerber officinale</i>)	2010	VTU	11.22
SL No	Name of PI / Co-PI	Project Title	Year of sanction	Funding Agency	Amount in lakhs
8	Dr. Raju H (PI) Dr. Pushpa Agrawal (Co-PI)	Formulation of gold/silver nano conjugates/ encapsulates with novel bioactive synthetic 1H-Pyrazol-2methoxyphenol derivatives as anti - cancer therapeutics	2010	UGC	08.66
9	Dr. Pushpa Agrawal (PI)	Exploitation of commercial silk waste as potential nano biomaterials	2011	DBT	28.03
10	Dr. Lingayya Hiremath (PI)	Biosynthesis and utilization of magnetite nanoparticles for waste water treatment	2013	VGST	06.00
11	Dr. Pushpa Agrawal (PI) Dr Ashwani Sharma (Co-PI)	Regeneration transformation and elicitation of Capsicum species	2010	VTU	10.13
12	Dr. Pushpa Agrawal (PI) Dr AHM Reddy (Co-PI)	Bio control of Red Rot disease of sugarcane	2008	DBT	10.23
13	Dr. Pushpa Agrawal (PI) Dr. Vijay Kumar (Co-PI)	Bio-conversion of coal to clean fuels	2008	CPDMI	49.00