

**A. On going Research Projects : 2014 – 2021**

<b>Sl. No.</b>	<b>Names of the Principal Investigator and other Investigators</b>	<b>Title of the Project</b>	<b>Sponsoring Agency</b>	<b>Total amount of the project (Rs.)</b>	<b>Remarks</b>
1.	Prof. H.B. Manjunatha, Coordinator & Mr. Ravi Shankar S. N. Dr. Shyam Sundar Dr. Asha Srinivasan	Development of Novel silk fibroin based bioink for bioprinting to reconstruct maxillofacial defects.	BIRAC	49,22,000/-	2021-2022
2.	Prof. H.B. Manjunatha, Coordinator	Entrepreneurship skill development program in Sericulture Technology for unemployed youths.	DBT Skill Vigyan State Partnership	24,00,000/-	2020-2022
3.	Prof. H.B. Manjunatha, India & Tomas Melichar, Czech Republic	Knowledge and Assessment of the biodiversity and DNA barcoding of Lepidoptera/ Sphingidae, Coleopteran/ Scarabaeoidea_Buprestidae_ Cerambycidae in India	Sphingidae Museum,  Czech Republic	11,88,000/-	2015-2025
4.	Dr. Rajesh Lakshmanan & Prof. H.B. Manjunatha Supervisor	Novel site specific delivery of biologics from the multi-component silk-fibroin scaffolds for the revival of ischemic scar tissue to functional myocardium.	DST-INSPIRE, New Delhi	19,25,874/-	2017-2022

5.	Dr. Likhith Gowda M. & Prof. H.B. Manjunatha Supervisor	Molecular Analysis dental caries pathogen Streptococcus mutans in the invertebrate model silkworm and assessing the efficacy of herbal drugs against it.	CSIR, New Delhi	5,84,000/-	2021-22
<b>Total Grant (A)</b>				<b>1,10,19,874</b>	

### B. Research Projects completed: 2014 – 2020

Sl. No.	Names of the Principal Investigator and other Investigators	Title of the Project	Sponsoring Agency	Total amount of the project (Rs.)	Remarks
1.	Prof. H.B. Manjunatha Co-ordinator	DST-FIST	DST, New Delhi	14,00,000/-	2010-2015
2.	Dr. B. Sannappa (PI) Prof. D. Manjunath (Co-PI)	Investigations on the evaluation of castor genotypes through biochemical and bioenergetics approaches using the domesticated anya silkworm, <i>Samia cynthia ricini</i> Boisduval	UGC, New Delhi	10,53,600/-	2012-2015
3.	Smt. Punyavathi. & Prof. H.B. Manjunatha Supervisor	Proteomic analysis and annotation of Heat Shock Proteins in the Sex-limited silkworm strains of <i>Bombyx mori</i> .	DST-Inspire Program New Delhi	16,22,350/-	2012 – 2017
4.	Dr. R.S. Umakanth	A study on cocoon production and adoption pattern of Sericulture farmers in Hunsur Taluk of Mysuru district	University of Mysore, Mysuru	75,000/-	2018

5.	Dr. B Sannappa (PI)	Impact of botanical based fortification on biochemical composition and commercial characters of eri silkworm, <i>Samia cynthia ricini</i> Boisduval	University of Mysore, Mysuru	75,000/-	2018
6.	Dr. M.N. Anil Kumar (PI)	Impact of fortification of mulberry leaf with vitamins on biomolecules and economic parameters of silkworm, <i>Bombyx mori</i> L.	University of Mysore	75,000/-	2019-2020
			<b>Total Grant (B)</b>	<b>43,00,950/-</b>	
			<b>Grand Total (A+B)</b>	<b>1,53,20,824/-</b>	