

List of projects at the Department of Biotechnology, VFSTR

Sl. No.	Title	PI	Sanction / Duration Year	Agency	Cost (Rs. Lakhs)	Duration
Ongoing Projects						
1.	Waste Management – Bioconversion and extraction of value added compounds	Head, Dept. of Biotechnology	2015	DST-FIST	42.00	5 years
2.	Development of molecular and immunological reagents for the guinea pig model of pulmonary TB	Dr. D. Vijaya Ramu	2016	DST-ECR	28.77	3 years
3.	Synthesis of novel chimeric protein molecules comprising immunodominant domains of OMPs of <i>enterobacteriaceae</i> for application as vaccine against enteric diseases	Dr. M.S. Shivakiran	2017	DST-ECR	32.94	3 years
4.	A mechanistic approach for development of multiclass / multiantigen subunit vaccine and assessment by immunobiological response to <i>Staphylococcus aureus</i> infections	Dr. K. Prakash Narayana Reddy	2017	DST-INSPIRE Faculty Scheme	35.00	5 years
Completed Projects						
5.	Studies on Molecular Heterogeneity of Hemocyanins of Endemic Blue Blooded Invertebrates	Prof. S. Krupanidhi	2013-16	DST-MRP	41.12	3 years
6.	<i>Lactococcus lactis</i> based mucosal vaccine surface displaying the immunodominant invasive plasmid antigen for broad protection against shigellosis in murine model	Dr. K. Prakash Narayana Reddy	2015-17	DST-NPDF (National Post-Doctoral Fellowship)	21.00	2 years
Transferred Projects						
7.	Design of nutrient medium for fungal strains using banana waste	Dr. Kodali Vidya Prabhakar	2013	DST-Fast Track	22.91	3 years
8.	Molecular phylogeography and population genetic structure of <i>Kingiodendrom pinnatum</i> in Wetsern Ghats of India	Dr. Rahul R Nair	2014	DST-Fast Track	26.86	3 years
9.	Degenerative effects of organophosphate pesticides on the	Dr. T.S. Gopenath	2017	DST-ECR	35.06	3 years

	formation of an inner plexiform layer during retinal development and protective roles of growth factors in an <i>in vitro</i> 3-D culture system derived from embryonic chick retina					
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