

As Principal Investigator				
Possible use of oxygenators as a module for inducing red rot disease resistance in sugarcane	2001	2004	KCP Sugars, Vuyyuru, AP	Rs. 3,00,000
Induction of systemic acquired resistance (SAR) in sugarcane by biotic and synthetic signal molecules for the management of red rot disease caused by <i>Colletotrichum falcatum</i>	2005	2008	AP-Cess	Rs. 14,76,000
Molecular elucidation of biotic elicitor-mediated defense-responsive genes/proteins in sugarcane x <i>C. falcatum</i> interaction	2011	2014	DST, New Delhi	Rs. 37,70,000
Dissecting the molecular interface between the biotrophic pathogen <i>Sporisorium scitamineum</i> and its host – Sugarcane	2017	2021	DBT, GOI, New Delhi	Rs. 48,90,000
"Deciphering interacting partners of PAMPs/Effectors of <i>Colletotrichum falcatum</i> that trigger innate immunity in sugarcane"	2018	2022	DBT, GOI, New Delhi	Rs. 74,48,000
"Deciphering in planta secretome of <i>Sporisorium scitamineum</i> x sugarcane interaction"	2018	2022	DST, SERB New Delhi	Rs. 25,71,124

Decoding the molecular events of PAMP-triggered immunity (PTI) by unlocking the interactome of the PAMP - CfEPL1 of <i>Colletotrichum falcatum</i> during interaction with sugarcane	2023	2025	DST, SERB New Delhi	Rs. 47,90,362	
As Co- Principal Investigator					
Identification, Isolation and characterization of antifungal genes from antagonistic microbes for the management of red rot disease of sugarcane	2001	2005	ICAR	Rs. 21,50,000	
Identification and characterization of differentially expressed genes/proteins involved in sugarcane - red rot pathogen interaction	2005	2009	DBT, GOI, New Delhi	Rs. 30,76,000	
Farmers Participatory and Rural approach project	2008	2012	Ministry of Water Resources, GOI	Rs. 50,00,000	
Outreach programme on Diagnosis and management of leaf spot diseases of field and horticultural crops-Phase-1	2009	2012	ICAR	Rs. 43,20,000	
Identification and characterization of antifungal genes and identifying sugarcane phytoalexins as marker for red rot resistance.	2012	2015	SDF, GOI, New Delhi	Rs 77.89 lakhs	

Outreach Project on “Phytophthora, Fusarium and <i>Ralstonia</i> Diseases of Horticultural & Field Crops 2014-2017)- Phase-2 - As Co- PI	2014	2017	ICAR	Rs. 1948800.00	
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