



## Completed/ ongoing Research/Sponsored Project (08)

Sr. No	Title	Agency	Principal Investigator or Co-PI	Grant /Amount in (Rs Lakhs)	Remarks
1	Large scale production of magic sized CdSe for white light LED	SPARC-MoE (MHRD) 2020-2023	P.K. Khanna	72.0 Lacs	completed
2	Burn Rate Modifier	DIAT-DRDO	Prof S. Banerjee & Prof. P. K. Khanna (Co-PI)	10. Lacs	completed
3	Studies on Self-Healing Properties of Microencapsulated Species in HTPB Based Binder System	ARMREB-DRDO Sep 2021- 2023	Prof S. Banerjee and Prof. P. K. Khanna (Co-PI)	18.75	completed
4	Development of sensor array system for detection of H <sub>2</sub> S, NO and CO in breath samples of mountaineers at High Altitude	ER&IPR, DRDO 2023-26	Prof S. Banerjee (Co-PI) Dr Shweta Saxena (Co-PI)	1.12 Cr	Ongoing
5	Protective Textiles having decontamination materials for neutralization of Sulfur Mustard, Nerve Agent and their simulants	DRDO-LSRB	Prof S Banerjee (PI) Prof. Balasubramanian. (Co-PI)	34 Lacs	Ongoing
6	Prototype Development for non-invasive detection of surrogate marker associated with ketosis	DIAT-DRDO	Dr Shweta Saxena (Co-PI) & Prof S. Datar (PI)	9.98 Lacs	Ongoing
7	Exploratory Research on Fabrication of Bioprocess-inspired CaCO <sub>3</sub> /OM Composites with Unique Properties: Biomimicking Sea-shells	DIAT-DRDO	Dr Chetan J Bhongale	9.28 Lacs	Ongoing
8	Investigating on ERIPR/DRDO sponsored project titled, Development of Technology for Production of Non-Flammable Hydrogen Gas and its Applications in Lighter Than Air (LTA) Vehicle	ERIP/ER/202006001/M/01/1787/840/D (R&D) dated 8th October 2021 (From Oct 2021 to Mar 203 under Applied Chem Dept)	Prof Prashant Kulkarni	7.4 Crore	2021 to 2023
		<b>Total Funds in last 5 years</b>		2.66 Cr	