

**MIRANDA HOUSE
UNIVERSITY OF DELHI
DBT Star College Project**

1. Details of extramural funding received

Major Projects

Name	Sponsoring Agency	Title of the projects	Tenure	Budget (Rs. in Lakh)	PI/ Co-PI
Dr. M. Sharma Dr. S. Sharma	DST	A study of macrophage apoptosis and mitochondrial integrity in response to PE/PE_PGRS family proteins of Mycobacterium tuberculosis.	March 2018-2021	68.00	PI
Dr. M. Tomar	DRDO	Feasibility study for fabrication of Air bridges by gold electroplating	Sept 2017- Dec 2018	9.42	Co-PI
Dr. M. Tomar	DST	Development of Ferroelectric thin film based photovoltaic cells [EMR/2017/000194]	July 2017- 2020	31.54	PI
Dr. S. Sharma - Coordinator with Co-coordinators from other science departments*	DBT	Star College Scheme 102/IFD/SAN/3819/2016-17	February 2017-2019	53.00	
Dr. Poonam	DST	Thio-click approach for the synthesis of stable glycomimetics and chiraloxathiacrown ethers	August 2016-2019	36.81600	Co-PI

Dr. P. Jolly Dr. B. Roy Dr. A.T. Sheikh Dr. M. Pathak Dr. J Arora	DU Star Innovation Project	3R: Reduce, Reuse, Recycle	October 2015-2019	40.88	PI
Dr. P. Jolly Dr. M. Verma Dr. B. Roy Dr. J. Subramanyan	DU Star Innovation Project	Eureka! MyLab: Developing Resources and Hands-on Science Activities and an Adaptation Accessible for Visually Impaired	October 2015-2019	37.50	PI
Dr. S. Bahri Dr. S. Sharma Dr. S. S. Bhatia	DU Star Innovation Project	Therapeutic Potential of Medicinal Plants: Culture, Extraction, Physicochemical Characterization and Testing their Cytotoxic or Immunostimulatory Properties	October 2015-2019	26.66	PI
Dr. Pratibha Jolly	DU Star Innovation Project	Core Development of College Infrastructure and up of a Central Instrumentation Facility	October 2015-2019	26.00	PI
Dr. M. Tomar	DRDO	Molecular Modelling of Halons alternatives [CFEES/TCP/CARS/ NOMHA - FCPCG/CC/09/2013]	April 2015- Oct. 2017	274.13	Co-PI
Dr. M. Tomar	DST	Validation and improvement of indigenously developed table-top Surface Plasmon system (SPR) system [DST/IDP/SEN-NEW/25(G)]	March 2015- 2017	86.31	Co-PI
Dr. M. Tomar	DST (Min. of	Development of thin film Surface Acoustic Wave	Nov.2014-	474.34	Co-

	S&T)	device as a platform for the sensing applications [DST/TSG/ME/2013/58-G]	2019		PI
Dr. M. Tomar	DeitY	Demonstration of GaN LED by PLD [File No.:5(3)/2010-NANO]	Feb.2014-Sep.2017	479.54	Co-PI
Dr. S. Sharma Dr. M. Sharma	DBT	Molecular Cloning and Immunological Validation of Three Hypothetical Proteins of M. Tuberculosis with Strong T-Cell Epitopes 102/IFD/SAN/1141/2013-14	June 2013 – 2017	66.84	PI Co PI

Minor projects

Name	Sponsoring Agency	Title of the projects	Tenure	Budget (Rs. in Lakh)	PI/ Co-PI	Amount received (as of 30 April 2018)
Dr. K. Saini Ms. N. Rani Dr. S.S. Bhatia	DBT	To Establish a Pollution Monitoring Station Across road over the Nala at Kingsway Camp and determine effects of pollutants and Air quality on the public health and microflora/microfauna	April 2018-2019	8.0	PI	6.00
Dr. Poonam	UGC	Detoxification of environmental persistent organic pollutants primarily pesticides using functionalized nanomaterials	Apr 2017-2019	10.00	PI	8.00