

Research Projects

Sr. No.	Name of the Investigator	Title of the project and duration	Amount sanctioned (Rs.)	Funding Agency
1	PI: Dr. Dharmesh Varade Co-PI: Dr. Ankita Doshi	The Structure–Function Relationship of Novel Green Surfactant Systems and their Applications in Cosmeceutics. Extendable till March 2027	65,000/-	UGC-DAE Consortium for Scientific Research, BARC Mumbai, Collaborative Research Schemes
2	PI: Dr. Sumit Bhawal Co-PI: Dr. Sandeep Patil	Development of Cholesterol based Biomimetic Amphiphiles: Self Assembly, Microstructure and Drug Delivery Applications (2023-2024) Extendable till 2026	45,000/-	UGC-DAE Consortium for Scientific Research, Mumbai, Collaborative Research Schemes
3	PI: Dr. Parth Pandya Co-PI: Dr. Monisha Kottayi Co-PI: Dr. Ankita Doshi	Deciphering the effect of Toxicants in the Marine Sentinel Edible Species: A Biomonitoring Approach (2023-2026)	41,01,249/-	Gujarat State Biotechnology Mission, Department of Science and Technology, Government of Gujarat
4	Dr. Pallavi Ghalsasi	Studies on Multidimensional Metal- Cyanide Framework Compounds and their Analogues (2022-2024) Extendable till 2025	9,01,053/-	UGC-DAE Consortium for Scientific Research, Indore, Collaborative Research Schemes
5	PI: Dr. Amit Patwa Co-PI: Dr. Parth Pandya	Oligonucleotide Amphiphiles based Supramolecular Systems for targeted drug delivery for cancer therapeutics (2021-2024)	39,71,264/-	Science and Engineering Research Board, Department of Science and Technology, Core Research Grant, Government of India
6	Dr. Sujatha Patil	A Study on Role of IP Cell in Higher Educational Institutions in the City of Vadodara-2021-22	2,00,000/-	Legal Department-Govt of Gujarat- GNLU
7	Dr. Kedar Pathak	Ablation Studies on Re-entry Capsule with Strong Coupling to Flow Dynamics by Defence Research & Development Laboratory (DRDL) (2019-2022)	15,60,000/-	Defence Research and Development Organization, Government of India
8	Dr. Parth Pandya	Unraveling the Kisspeptin Melatonin Circuit in Two Vertebrate Models. (2019-2022)	39,84,000/-	Science and Engineering Research Board, Department of Science and Technology, Core Research Grant, Government of India
9	Dr. Pallavi Ghalsasi	Exploring Thermal Expansion Properties of Metal Coordinated Compounds (2018-2022)	1,80,000/-	UGC-DAE Consortium for Scientific Research, Indore, Collaborative Research Schemes

10	Dr. Pallavi Ghalsasi	To establish Dedicated In-House Raman Spectroscopy Facility and Study Organic-Inorganic Hybrid Materials (2017- 2020)	75,05,520/-	Science and Engineering Research Board, Department of Science and Technology, Government of India, Extramural Research Funding (Individual Centric)
11	Dr. Payal Desai	On Numerical analysis of Elastostatic Plate with Eccentric Hole in Bipolar Coordinate System (2016-2019)	20,82,000/-	Science and Engineering Research Board, Department of Science and Technology, Government of India, Young Scientists Scheme
12	Dr. Parth Pandya	To study the Biological Assessment of Orthoptera using DNA Barcode Approach (2016-2018)	3,60,000/-	Gujarat Council on Science and Technology
13	Dr. Sandeep R. Patil	Microemulsions with Ionic Liquids: Phase Behavior, Microstructure and Solubilization, 3 Years (2014-2017)	24,58,000/-	Science and Engineering Research Board, Department of Science and Technology, Government of India, Fast Track Scheme for Young Scientists (FTSYS)
14	Dr. Pallavi Ghalsasi	Structural Investigations of Novel Materials (2012-2016)	24,37,001/-	Department of Atomic Energy- Board of Research in Nuclear Sciences (DAE-BRNS), Government of India
15	Dr. Pallavi Ghalsasi	Investigation of Novel Materials under High Pressure (2011-2015)	23,80,000/-	(DST-WOS-A), Government of India
16	PI: Dr. Mandira Sikdar Co-PI: Dr. K.S. Kumar, Dr. Darshee Baxi and Dr. Elizabeth Robin	E-Content for Undergraduate Students in Biochemistry	7,00,000/-	National Mission for Education via Information and Communication Technology - NME ICT, MHRD, Govt. of India, Project implemented under the mentorship of IIT Gandhinagar