

## Research Projects

S. No.	Project Title	Name of PI	Date/Tenure	Funding Agency	Sanction Amount
1	Capital Asset Grant	Departmental	1year	University Budget Head	60,00,000
2	The role of prosequences in modulating the structure of proteins	Prof. Manisha Goel	01-Nov-2020 to 30-Oct-2023	ICMR, New Delhi	~30,00,000
3	Characterizing the functional specificity of archaeal Cas4 (CRISPR associated protein 4) proteins for potential applications in genome editing strategies.”	Prof. Manisha Goel	17-Mar-2020 to 16-Mar-2023	SERB, DST Govt. of India, New Delhi	49,58,888
4	Using the National COVID-19 testing database to develop a machine learning model for rapid prioritization/triage of SARS-CoV2 patients and demographic groups	Dr. Manish Kumar	16-Apr-2022 to 15-Apr-2025	ICMR, Department of Health & Family Welfare, Govt. of India, New Delhi New Delhi	35,16,810
5	Artificial intelligence-aided genomics, transcriptomics and proteomics analyses of multidrug-resistant enteropathogens to discern novel drug targets	Dr. Manish Kumar	01-Feb-2023 to 31-Jan-2026	ICMR, Department of Health & Family Welfare, Govt. of India, New Delhi New Delhi	29,37,538
6	Accelerating drug discovery path by delineating the structural differences leading to functional divergence in virulence factor proteins found in pathogenic bacteria	Prof. Manisha Goel & Dr. Manish Kumar	17-July-2019 to 16Jul-2022	ICMR, New Delhi	31,83,380
7	Center of Antibody Engineering: Center for Immuno-Diagnostics! Therapeutics Veneering technologies (CIVET)	Prof. Manisha Goel & Dr. Manish Kumar	03-Mar-2022 to 04-Mar-2027	SERB - DST, Govt. of India, New Delhi	4,74,60,400

8	Specific single domain antibodies (sdAbs) against antimicrobial resistant Mastitis pathogens for clinical therapeutic use in dairy animals	Prof. Manisha Goel & Dr. Manish Kumar	17-Nov-2022 to 16-Nov-2025	DBT, Govt. of India, New Delhi	1,51,79,524
9	Investigations into the adjuvant-like role of IgM Fc domains, as fusion partner of chimeric HSV2- Fc subunit vaccines, in stimulating Th1 type immune response in mice	Dr. Suman Tapryal	09-Feb-2024 to 08-Feb-2027	ICMR – (Extramural Grant)	68,90,000
10	University Seed Grant	Dr. Sumit Kumar Chaturvedi	1 Year	University Budget Head	2,50,000
11	Screening of disruptors against alpha-synuclein aggregation: Therapeutic approach towards Parkinson's disease	Dr. Sumit Kumar Chaturvedi	1 Year	IoE	5,00,000
12	Therapeutic Approach for Parkinson's disease	Dr. Sumit Kumar Chaturvedi	3 Year	ICMR	~72,00,000
13	University Seed Grant	Dr. Hemlata Agnihotri	1 Year	University Budget Head	2,50,000
14	In silico and molecular investigation of super-conserved receptor expressed in the brain, SREB3 (GPR173): A putative therapeutic target for brain disorders	Dr. Hemlata Agnihotri	1 year (2023-24)	IoE	5,00,000
15	Elucidating the functional insights of super-conserved receptor expressed in the brain, SREB3 (GPR173).	Dr. Hemlata Agnihotri	2 year (2023-24)	SERB-SRG	~28,00,000

Sanction\_Letter ([http://biophysics.du.ac.in/wp-content/uploads/2024/10/Sanction\\_Letter.pdf](http://biophysics.du.ac.in/wp-content/uploads/2024/10/Sanction_Letter.pdf))