

Name of the Research Project/ Endowments	Name of the Principal Investigator/ Co-Investigator	Department of Principal Investigator	Year of Award	Duration of the project	Name of the Funding Agency	Status
Immunotherapeutic role of Vitamin A (Retinoic acid) in the in vitro model of tuberculosis	Dr Indrakant K. Singh	Zoology	2021-2022	2 Years	SERB, New Delhi, India	Ongoing
Design and development of smart nanomaterial-based biosensors for pesticide detection in food	Dr Pratibha Singh	Chemistry	2021-2022	3 Years	Life Sciences Research Board, DRDO, Ministry of Defence	Ongoing
Identification of the molecular mechanism of mechano-transduction pathways that act upstream of Hippo Pathway for treatment of breast cancer	Dr Indrakant K. Singh	Zoology	2021-2022	3 Years	ICMR, Govt. of India	Ongoing
Exploration of earth abundant metal(s) [Ni, Co and Fe] based MOFs as electrocatalysts for water splitting and Oxygen reduction reactions(#TAR/2020/000232)	Dr Umesh Kumar	Chemistry	2020-2021	3 Years	SERB, New Delhi, India	Ongoing
Design, synthesis and biological evaluation of novel lead compounds for the treatment of Fibrodysplasia Ossificans Progressiva (FOP)	Dr Indrakant K. Singh	Zoology	2020-2021	3 Years	ICMR, Govt. of India	Ongoing
DBT Star College Scheme Project	Dr Indrakant K Singh	Zoology	2019-2020	3 Years + 1 Year Extension	DBT, Govt of India	Ongoing

Pharmacophore modeling to design novel inhibitors of MCL-1” as targeted therapy of human cancer	Dr Indrakant K. Singh	Zoology	2019-2020	3 Years	DHR, Govt. of India	Completed in 2022
Fractal basins of convergence of the libration points in N+1 body problem with quasi homogeneous potential.	Prof Rajiv Aggarwal	Mathematics	2018-2019	3 years	DST	Completed in 2021
Ni(II)yCo() Complexes with O-/N-Donor Ligands for their Supramolecular Architectures and Catalytic Activities	Dr Umesh Kumar	Chemistry	2017-2018	2 Years	UGC, New Delhi, India	Completed in 2019