

Research

1. Star Innovation Project Cluster Innovation Center, DU 2016-19 (DR-07) (22lakhs)

Title: Evaluating the effects of common food additives on Vertebrate development and organogenesis using Zebrafish as a model system.

Supervisor: Dr. Chitra Bhasin, Dr. Madhu (Zoology Dept.), Dr. Padmshree Mudgal, Dr. Anita Garg Mangla (Biochemistry Department)

Students: Biochemistry: Sakshi, Arushi, Surbhi Chauhan, Ojaswi, Shefali, Mahima, Sonali, Kangana, Kanishka, Aanchal, Life Science: Kanika, Ritika, Surbhi Pandey

2. Star Innovation Project Cluster Innovation Center, DU 2016-19 (DR-01) (7.5 lakh)

Title: Campus sustainability index (Joint project with Department of Economics and Biochemistry)

Supervisor: Dr. Sarita Nanda (Biochemistry Dept.), Ms. Malini Sharma (Economics Dept.)

Students: Economics (Hons): Aashi Garg, Cheshta Grover, Jyotsana, Ananya Lodha, Mansi Arora, Himani Gupta. Biochemistry (Hons): Himanshi, Mansi Saini Ujjainwal.

Zoology (Hons): Anuradha Sharma, Zainab Afreen, Arpita Bhatt

3. Star Innovation Project Cluster Innovation Center, DU 2016-19 (DR-02) (3.25 lakh)

Title: Investigating prevalence of PCOS in undergraduate students

Supervisor: Dr. Sarita Nanda, Dr. Anju Jain (Department of Zoology), Dr. Meetu Khosla (Psychology Dept.), Dr Jyoti Taneja (Department of Zoology)

Students: Zoology (Hons): Kaushki pandey, Soumya, Tanya Agarwal, Purna, Gunjan, Sonali. Biochemistry (Hons) Manisha Debnath. Psychology (Hons) Ekta Chopra.

4. Innovation Project, Delhi University. (2013-15): How safe are our Detergents: A comparative Study and development of Biodetergents. (DR-204) (5.5lakhs)

Supervisor: Dr. Padmshree Mudgal and Dr Meena khetrapal

5. Innovation Projects; University of Delhi. (2015-16): Zebrafish as a biosensor to assess Yamuna River water quality in Delhi NCT region. (DRC 301) (7.5 lakhs)

Supervisor: Dr. Padmshree Mudgal, Dr Chitra Bhasin, Dr. Anita Mangla, Dr. Madhu

6. Innovation Projects; University of Delhi. (2015-16): Developing E-literacy skills in scientific communication DRC- 308 (5 lakhs)

Supervisor: Dr. Anju Jain, Dr. Sarita Nanda, Ms. Anna Senrunga

7. Innovation Projects; University of Delhi. (2015): Biomarkers of heat and acclimatization. DR201 (5 lakhs)

Supervisor: S. Nanda, Anju Jain, Jyoti Taneja

Research Guidance

Name of student	Gender	Degree for which guidance given	Date of Registration	Supervisor/Cosupervisor	University	Title of Thesis	Date of submission of thesis	Date of Award of Degree
Nishant Ranjan	Male	Ph.D	2013	Co Supervisor	Bharathiar University	Heat Stress Induced Ischemia & Neuroinflammation And Role Of Thermal Preconditioning To Improve Thermotolerance	08/02/2018	4 th Feb, 2018
Manisha Gupta	Female	M.Sc dissertation	1 st Jan, 2019	Supervisor	Manav Rachna Deemed University	Evaluation of air pollution tolerance index and an anticipated performance index of plant species growing around Najafgarh Drain in Vishwavidyalaya , Delhi	30 th June, 2019	July, 2019
Simran	Female	M.Sc Dissertation	1 st Jan, 2019	Supervisor	Manav Rachna Deemed University	Evaluation of air pollution tolerance index and anticipated performance index of plant species growing in DRC campus, Vishwavidyalaya, Delhi.	30 th June, 2019	July, 2019
Pooja Sharma	Female	Ph.D(JRF)	23 rd December, 2019	Supervisor	Delhi University	Optimisation and characterization of food quality of vegetables grown on biofertilizers made from organic waste.	Ongoing	Ongoing
Sophayo Mohango	Male	Ph.D (JRF)	23 rd December, 2019	Supervisor	Delhi University	Optimisation and characterisation of bioresources formed from organic waste on campus	Ongoing	Ongoing

MoU

Party 1	Party 2	Purpose	Objective
Dr Sarita Nanda	Harit Agro	To Facilitate Composting of organic waste	To optimize functioning of the recycling Unit
Dr Padamshree Mudgal	Sansriti Foundation	To Facilitate Zebrafish research	To optimize functioning of the Zebrafish Lab
Dr Anita Garg Mangla	Palna	to provide teaching, basic etiquettes and grooming sessions to differently aged children of Palna.	To groom differently abled students