

## ONGOING PhD Department of Biotechnology

S.No.	Roll. No	Name	Supervisors	Title
1	12401102	Sonam Shaheen	Prof. Krishna Sundari	Study developing PGPM consortia formulation and remediation of organophosphate pesticides
2	15401001	Dibya Rani	Prof. Sudha Srivastava & Dr. Baibaswata Nayak, AIIMS	Nanoparticle based vaccine against Hepatitis E virus
3	15401009	Sunita Gupta	Dr. Vibha Gupta	Structural functional insights into mycobacterial CysE for high-throughput virtual screening of inhibitors
4	15401007	Monika	Dr. Vibha Gupta	Development of inhibitors to target isocitratelases of <i>M. Tuberculosis</i>
5	17401009	Geeta Swargiary	Dr. Shalini Mani	Anticancerous herbs as mitocans
6	17401001	Chetna Faujdar	Dr. Priyadarshini	Antiuro lithiatic potential of selected Indian medicinal plants
7	17401006	Ritu Ghildiyal	Prof. Reema Gabarani	Elucidation of host-chikungunya virus non-structural protein interactions and in silico analysis for co-infection
8	17401007	Shashank Awasthi	Prof Neeraj Wadhwa	Isolation and characterization of bioactive compounds from developing plant Embryos
9	17401005	Preeti Thakur	Prof. Pammi Gauba	Water pollution and its remediation
10	17401003	Sonia Sharma	Prof. Neeraj Wadhwa	Phytoconstituentsscreening, characterization and application of endophytes from tuber crops
11	17401011	Radhika Bansal	Prof. Pammi Gauba	Evaluation of the heavy metal content in market samples of plant raw drugs used in Ayurveda
12	17401004	Megha Gautam	Prof. Reema Gabrani	Identification and characterization of drug combination for Glioblastoma Multiforme
13	17401008	Archana Kumari	Prof. Krishna Sundari	Employing competent microbes for remediation of toxic organic substances
14	18401017	Shilpa Gundagatti	Prof. Sudha Srivastava	miRNA based biosensor for ovarian cancer diagnosis
15	18401010	Vandana Tandasi	Prof. Sudha Srivastava	Aptamer based biosensor development
16	18401005	Kumkum Sharma	Prof. Vibha Rani	Cardio-protective effect of aged garlic extract in diabetic cardiomyopathy and drug induced cardiotoxicity
17	18401013	Priyanka Mathur	Prof. Vibha Rani	Investigating microRNAs as the Next Generation Therapeutic Targets in Diabetic cardiomyopathy
18	18401007	Gemini Patel	Prof Neeraj Wadhwa	Medicinal plants for disease control against metabolism and microbial diseases
19	18401002	Pankaj kr. Tripathi	Dr. Chakresh Jain	Computational method for potential gene identification
20	18401008	Neetu Saharan	Prof. Neeraj Wadhwa	Tuber metabolites and their biodegradation in natural environment
21	18401016	Sakshi Tyagi	Dr. Shalini Mani	Combined antihyperglycemic effect of Vitamin D and Metformin
22	19401001	Pallavi Kumari	Dr.Shweta Dang & Dr Amit Tyagi, Scientist E, INMAS , Delhi	Drug Repurposing for cancer therapeutics
23	19401002	Surbhi Sharma	Dr.Shweta Dang & Dr Amit Tyagi, Scientist E, INMAS , Delhi	Nano-based drug delivery systems for the drug used in the treatment of neuropsychological disorders.
24	19401006	Vijeta Prakash	Prof. Reema Gabarani	Characterization of inhibitory molecules against molecular pathways of Glioblastoma multiforme

**ONGOING PhD Department of Biotechnology**

S.No.	Roll. No	Name	Supervisors	Title
25	19401003	Renu Bhadana	Prof. Vibha Rani	<i>Syzygium cumini</i> polyphenols in drug induced cytotoxicity
26	19401013	Shivani Singhal	Prof. Vibha Rani	Ayurvedic herbal formulations in modulating gut microbiota associated with diabetic cardiomyopathy
27	19401010	Priyansh Srivastava	Prof. Indira P Sarethy	Evaluation of lichens from unexplored habitat(s) for anti-microbial and anticancerous products
28	19401012	Swapnil Chaturvedi	Prof. Indira P Sarethy	Characterization of bioactive compounds from microorganism obtained from Thar Desert
29	19401011	Pooja Upadhyay	Dr. Ashwani Mathur & Prof. Pammi Gauba	Design and fabrication of amperometric biosensors for detection of Paraben
30	19401005	Akansha Aggarwal	Dr. Ashwani Mathur	Hydroponic culture of <i>Bacopa monnieri</i>
31	19401008	Divanshi Jain	Prof. Sujata Mohanty	Understanding ecology and evolution perspective of trait variations in Indian <i>Drosophila</i>
32	19401004	Namita Sharma	Prof. Sudha Srivastava	Development of Biosensor for early diagnosis of Pancreatic Cancer
33	19401007	Rishibha Gupta	Dr. Smriti Gaur	To develop a millet-based fermented food product and assessment of its nutritional and functional properties
34	19401015	Samriddh Srivastava	Dr. Garima Mathur	Production and characterization of bacterial cellulose
35	19401018	Priyanka Kakkar	Prof. Neeraj Wadhwa	Development of food products from Aroids
36	19401019	Mansi Sharma	Dr. Rachana	Transdermal therapeutics for skin cancer
37	19401020	Nikita Singh	Dr. Smriti Gaur	Bioactive peptides from cow milk fermented by Lactic acid bacteria
38	19401009	Arushi Saxena	Prof. Pammi Gauba	Remediation of antibiotics in soil and water
39	19401021	Harit Kasana	Dr. Ashwani Mathur	Designing and Evaluation of Therapeutic Recombinant Protein (Monoclonal Antibodies)
40	20401003	Razi ur Rahman	Dr. Garima Mathur	Fungal chitosan: Production & characterization
41	20401002	Deepanshi Pathak	Dr. Racahna	Development of immuno-modulatorily active formulation for respiratory distress.
42	20401006	Shubhi Singh	Dr. Smriti Gaur	Nutritional and Functional Analysis of Fortified Prebiotic Cookies using Edible Seeds
43	20401004	Srishti Sharma	Prof. Sujata Mohanty	Dissecting the molecular aspect of insecticide - induced behavioral response towards life history traits in <i>Drosophila</i> model.
44	20401005	Rupesh Kumar	Dr. Shazia Haider	A bioinformatics approach to understand amyotrophic lateral sclerosis (ALS)
45	20401001	Saloni Sachdeva	Prof. Indira P Sarethy	Study of microbial communities of inland water bodies
46	20401008	Mahima	Prof. Indira P Sarethy	Microbial profiling of selected traditional Indian fermented foods
47	20401011	Nikita Bindal	Prof. Sujata Mohanty	Screening of potential Nutraceuticals and toxicity assessment in health and disease using <i>Drosophila</i> model.
48	20401007	Priyadarshini Gupta	Prof. Vibha Rani	Investigation of Indian herbs as ACE2 and TMPRSS2 modulator in Hydroxychloroquine induced Cardiotoxicity
49	20401013	Ritika Garg	Prof. Pammi Gauba & Prof. Shweta Dang	E- waste its remediation and impact
50	20401012	Tripti Singh	Dr. Ashwani Mathur	Hydroponic culture of <i>Humulus lupulus</i>
51	21401001	Priya Choudhary	Prof. S. Krishna Sundari	Environmental Biotechnology

**ONGOING PhD Department of Biotechnology**

<b>S.No.</b>	<b>Roll. No</b>	<b>Name</b>	<b>Supervisors</b>	<b>Title</b>
52	21401002	Aayesha Gupta	Dr. Sonam Chawla	Bioprospecting Indian Medicinal Plants for anti-ageing potential
53	21401003	Shashikala	Dr. Shazia Haider	Computational Biology study in rare disease
54	21401004	Utkarsha	Dr.Ashwani Mathur	Hydroponic culture of Selaginella sp.
55	21401005	Abhimanyu	Dr. Chakresh Jain	Investigation of Disease Based Molecular Interactions and networks using computational Techniques
56	21401006	Abhiruchi Varshney	Prof. Indira P Sarethy	Assesment of Bacteriophages diversity in inland water bodies
57	PHG220057	Apeksha Rathi	Prof. Neeraj Wadhwa	Interaction studies on mushroom using network pharmacology
58	PHG220011	Garima Rai	Prof. Shweta Dang & Prof. Pammi Gauba	Nano-carrier based drug delivery for CNS disorders
59	PHG220009	Garima Singh	Dr. Garima Mathur & Prof. Pammi Gauba	Production of bacterial cellulose and its applications
60	PHG220019	Ankit Kumar	Prof. Vibha Rani	Potential role of Trigonella foenum gracecium in diabetes and cancer.
61	PHG220016	Suhail Khan	Dr. Ashwani Mathur	Optimization of culture condition for terpene production using fungal isolates
62	PHG220023	Vinayak Agarwal	Dr. Manisha Singh	Exploring the therapeutic potential of derived catechin loaded exosomes in glioblastoma
63	PHG220032	Rakhi Pandey	Dr. Garima Mathur	Chitosan blends: Preparation and characterization























































































