

Completed PhD Department of Biotechnology

S. No.	Enrollment No.	Name	Research Topic	Supervisor(s)	Ph.D. Awarded
1	3100101	Smriti Gaur	Studies of Proteases from Biological Sources	Prof. Neeraj Wadhwa	2010
2	6401006	Sarita Agrahari	Production of Enzymes and degradation of feathers by soil microbes	Prof. Neeraj Wadhwa	2011
3	5401001	N. Kumarswamy	Paper mill effluent: Decolorisation and detoxification studies using chemical and microbial methods	Prof. Indira P Sarethy	2012
4	8401003	Shikha Shamra	Development of nanoparticle based glucose biosensor	Prof. Sudha Srivastava	2012
5	6401007	Aditi Shrivastav	Investigating dererminants of sweetness in sweet molecules	Prof. Sudha Srivastava	2013
6	6401002	Kapila Kumar	Intraviral Protein Interactions of Chandipura virus	Prof. Sanjay Gupta	2013
				Prof. Reema Gabrani	
7	8401004	Gajendra B. Singh	Microbial Screening and expression of Gene involved in Carbazole degradation	Dr. Nidhi Gupta	2013
8	10401003	Sonal Gupta	Nano carrier based intra vaginal drug delivery system	Prof. Shweta Dang;	2015
				Prof. Reema Gabrani	
9	11401101	Anuradha Singh	A study on Value added products from Aroid (<i>Amorphophallus paeoniifolius</i>)	Prof. Neeraj Wadhwa; Dr. Susinjan Bhattacharya	2015
10	9401008	Sujata Basu	Evaluation of protective role of <i>Salacia oblonga</i> and mangiferin in tobacco smoke and glucose-induced toxic conditions	Prof. Rachana	2015
11	10401005	Jyoti Rana	Molecular Interactions of Chikungunya	Prof. Sanjay Gupta	2015
12	10401006	Sreejith R.	Viral host Protein interactions in Chandipura virus pathogenesis	Prof. Sanjay Gupta	2015
13	8401005	Namrata Dudha	Mapping interactions of Chikungunya virus structural proteins	Prof. Sanjay Gupta; Prof. Reema Gabrani	2015

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14	11401104	Nidhi Bajpai	Implementation of clinical data management of vaccines with respect to data management activates in an indian pharmaceutical company	Prof. Sanjeev K. Sharma;	2015
				Prof. Shweta Dang	
15	9401004	Nivedita Mishra	Developing microbial consortia with abilities for plant growth promotion and remediation of residual pesticides	Prof. Krishna Sundari	2016
16	9401002	Mamta Pant	Protective role of <i>Adhatoda Vasica</i> and Vasicine in bidi smoke induced cytotoxicity: An implication for respiratory disorders.	Prof. Rachana	2016
17	10401004	Neha Atale	Effect of <i>Syzygium cumini</i> in glucose induced cardiac inflammation	Prof. Vibha Rani;	2016
				Prof. Sujata Mohanty	
18	12401105	Deepak Sharma	Investigation of nanoparticle approach for improved braindelivery of antiepileptic drugs through nasal route	Prof. Shweta Dang; Prof. S. K. Sharma; Prof Javed Ali	2016
19	11401107	Ragini Raghav	Development of a nanoparticle based immunosensor for cancer antigen ca-125	Prof. Sudha Srivastava	2016
20	9401006	Jaisri J.	Constructing comprehensive map of molecules implicated in obesity using computational approaches	Dr. Kamal Rawal	2017
21	11401108	Parul Sharma	Biopolymeric membrane for animal cell culture	Dr. Ashwani Mathur; Prof. Subhash Chand	2017
22	12401101	Garima Sharma	Purification, characterization and antibacterial studies of bacteriocin from dairy forms isolates	Prof. Reema Gabrani; Prof. Sanjay Gupta	2017
23	12401103	A. Ibeyaima (Inspire Fellow)	Bioprospection of actinomycetes from Indian desert and antimicrobial activity of selected isolates.	Prof. Indira P. Sarethy	2018

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24	13401105	Yashika Rustagi	Profiling and characterization of microRNAs from 10th day of chick embryonic heart	Prof. Vibha Rani	2018
25	14401008	Aditi Jain	Effect of curcumin on drug induced cardiotoxicity	Prof. Vibha Rani	2019
26	13401101	Nancy Taneja	Study of mitochondrial defects and VDR polymorphisms in Type-2 diabetes	Dr. Shalini Mani;	2019
				Dr. Priyadarshini	
27	14401006	Swarna Shikha	Screening heavy metal tolerant plants and determining their phytoremediation potential	Prof. Pammi Gauba	2019
28	14401002	Pragya Bhardwaj	Studies on production of therapeutically important saponins using in-vitro culture of <i>Bacopa monnieri</i>	Dr. Ashwani Mathur;	2014
				Dr. Chakresh K. Jain	
29	14401010	Radhika Khanna	Novel sequences generation and comparative analysis of Indian Drosophila and Zaprionus species	Prof. Sujata Mohanty	2019
30	14401011	Samiya Khan	Development of a biocatalyst for refining diesel	Prof. Sanjay Gupta;	2019
				Prof. Pammi Gauba	
31	10401007	Manisha Singh	Development of <i>Ginkgo biloba</i> microemulsion system against Alzheimer's disease for intranasal	Prof. Rachana	2019
				Dr. S. P Singh	
32	16401004	Kopal Singhal	Comparative genomics of Wolbachia endosymbiont from Indian drosophila species	Prof. Sujata Mohanty	2020
33	15401008	Rahul Srivasatav	Fabrication of nanotechnology based point of care device for diagnosis of thyroid dysfunctioning	Prof. Sudha Srivastava	2020
34	15401005	Sharad Saxena	Characterization of MMP7 as potential therapeutic target in cardiac stress	Prof. Vibha Rani	2020
35	16401006	Atinderpal Kaur	Development of Drug loaded nanoemulsion based formulations for Urinary tract infection	Prof. Shweta Dang, Prof. Reema Gabrani	2020
36	14401012	Deepali Verma	Biochemical and structural insights into bacterial CysEs: Rational discovery of novel inhibitors for AMR interventions	Dr Vibha Gupta	2020

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37	16401001	Kuldeep Nigam	Nano-Carrier Based Approach for Neuropathic Pain Management	Prof. Shweta Dang	2020
38	14401009	Pratibha	Rhizoremediation of Residual Organophosphate Pesticides Employing Competent Plant Growth Promoting Bacteria	Prof. Krishna Sundari	2021
39	14401004	Nidhi Srivastava	Bioprospection of microorganisms from selected niche habitat(s) (soil/ rocks) for antimicrobial products	Prof. Indira P Sarethy	2021
40	14401013	Garima Agarwal	Identification and Characterization of Peptide Binders for Chikungunya Virus Envelope 2 Protein	Prof. Reema Gabrani	2022
41	16401009	Ekta Bhatt	Bioremediation of organic compounds	Prof. Pammi Gauba	2022