

## COMPLETED PhD's : Dept of Biotechnology

S. No.	Enrollment No.	Name	Research Topic	Supervisor(s)	Ph.D. Awarded	Date of Award
1	03100100	Smriti Gaur	Studies of Proteases from Biological Sources	Prof. Neeraj Wadhwa	2010	20 February 2010
2	6401006	Sarita Agrahari	Production of Enzymes and degradation of feathers by soil microbes	Prof. Neeraj Wadhwa	2011	30 July 2011
3	5401001	N. Kumarswamy	Paper mill effluent: Decolorisation and detoxification studies using chemical and microbial methods	Dr. Indira P Sarethy	2012	28 September 2012
4	8401003	Shikha Shamra	Development of nanoparticle based glucose biosensor	Prof Sudha Srivastava	2012	01 December 2012
5	6401007	Aditi Shrivastav	Investigating dererminants of sweetness in sweet molecules	Prof. Sudha Srivastava	2013	10 August 2013
6	6401002	Kapila Kumar	Intraviral Protein Interactions of Chandipura virus	Prof. Sanjay Gupta	2013	29 July 2013
				Prof. Reema Gabrani		
7	8401004	Gajendra B. Singh	Microbial Screening and expression of Gene involved in Carbazole degradation	Dr. Nidhi Gupta	2013	11 November 2013
8	10401003	Sonal Gupta	Nano carrier based intra vaginal drug delivery system	Dr. Shweta Dang;	2015	8 December 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	7 December 2015
10	9401008	Sujata Basu	Evaluation of protective role of <i>Salacia oblonga</i> and mangiferin in tobacco smoke and glucose-induced toxic conditions	Dr. Rachana	2015	17 October 2015
11	10401005	Jyoti Rana	Molecular Interactions of Chikungunya	Prof. Sanjay Gupta	2015	22 January 2015
12	10401006	Sreejith R.	Viral host Protein interactions in Chandipura virus pathogenesis	Prof. Sanjay Gupta	2015	6 May 2015
13	8401005	Namrata Dudha	Mapping interactions of Chikungunya virus structural proteins	Prof. Sanjay Gupta; Prof. Reema Gabrani	2015	24 November 2022
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	27 October 2015
				Dr. Shweta Dang		
15	9401004	Nivedita Mishra	Developing microbial consortia with abilities for plant growth promotion and remediation of residual pesticides	Prof. Krishna Sundari	2016	10 November 2016
16	9401002	Mamta Pant	Protective role of <i>Adhatoda Vasica</i> and Vasicine in bidi smoke induced cytotoxicity:	Dr. Rachana	2016	03 August 2016

			An implication for respiratory disorders.			
<b>17</b>	10401004	Neha Atale	Effect of <i>Syzygium cumini</i> in glucose induced cardiac inflammation	Prof. Vibha Rani; Prof. Sujata Mohanty	2016	13 February 2016
<b>18</b>	12401105	Deepak Sharma	Investigation of nanoparticle approach for improved brain delivery of antiepileptic drugs through nasal route	Dr. Shweta Dang; Prof. S. K. Sharma; Prof Javed Ali	2016	5 April 5 2016
<b>19</b>	11401107	Ragini Raghav	Development of a nanoparticle based immunosensor for cancer antigen ca-125	Prof. Sudha Srivastava	2016	6 June 2016
<b>20</b>	9401006	Jaisri J.	Constructing comprehensive map of molecules implicated in obesity using computational approaches	Dr. Kamal Rawal	2017	6 February 2016
<b>21</b>	11401108	Parul Sharma	Biopolymeric membrane for animal cell culture	Dr. Ashwani Mathur; Prof. Subhash Chand	2017	21 December 2017
<b>22</b>	12401101	Garima Sharma	Purification, characterization and antibacterial studies of bacteriocin from dairy forms isolates	Prof. Reema Gabrani; Prof. Sanjay Gupta	2017	28 November 2017
<b>23</b>	12401103	A. Ibeyaima (Inspire Fellow)	Bioprospection of actinomycetes from Indian desert and antimicrobial activity of selected isolates.	Prof. Indira P. Sarethy	2018	23 January 2018

24	13401105	Yashika Rustagi	Profiling and characterization of microRNAs from 10th day of chick embryonic heart	Prof. Vibha Rani	2018	7 June 2018
25	14401008	Aditi Jain	Effect of curcumin on drug induced cardiotoxicity	Prof. Vibha Rani	2019	10 January 2019
26	13401101	Nancy Taneja	Study of mitochondrial defects and VDR polymorphisms in Type-2 diabetes	Dr. Shalini Mani;	2019	30 January 2019
				Dr. Priyadarshini		
27	14401006	Swarna Shikha	Screening heavy metal tolerant plants and determining their phytoremediation potential	Prof. Pammi Gauba	2019	27 February 2019
28	14401002	Pragya Bhardwaj (Women Scientist)	Studies on production of therapeutically important saponins using in-vitro culture of <i>Bacopa monnieri</i>	Dr. Ashwani Mathur;	2014	30 August 2019
				Dr. Chakresh K. Jain		
29	14401010	Radhika Khanna	Novel sequences generation and comparative analysis of Indian <i>Drosophila</i> and <i>Zaprionus</i> species	Prof. Sujata Mohanty	2019	17 May 2019
30	14401011	Samiya Khan	Development of a biocatalyst for refining diesel	Prof. Sanjay Gupta;	2019	24 July 2019
				Prof. Pammi Gauba		
31	10401007	Manisha Singh	Development of <i>Ginkgo biloba</i> microemulsion system against Alzheimer's disease for intranasal applications	Dr. Rachana	2019	18 Oct 2019
				Dr. S. P Singh		
32	16401004	Kopal Singhal		Prof. Sujata Mohanty	2020	24 July 2020

			Comparative genomics of Wolbachia endosymbiont from Indian drosophila species			
<b>33</b>	15401008	Rahul Saxena	Fabrication of nanotechnology based point of care device for diagnosis of thyroid dysfunctioning	Prof. Sudha Srivastava	2020	31 July 2020
<b>34</b>	15401005	Sharad Saxena	Characterization of MMP7 as potential therapeutic target in cardiac stress	Prof. Vibha Rani	2020	27 August 2020
<b>35</b>	16401006	Atinderpal Kaur	Development of Drug loaded nanoemulsion based formulations for Urinary tract infection	Dr Shweta Dang, Prof. Reema Gabrani	2020	31 October 2020
<b>36</b>	14401012	Deepali Verma	Biochemical and structural insights into bacterial CysEs: Rational discovery of novel inhibitors for AMR interventions	Dr Vibha Gupta	2020	13 November 2020
<b>37</b>	16401001	Kuldeep Nigam	Nano-Carrier Based Approach for Neuropathic Pain Management	Dr Shweta Dang	2020	31 December 2020
<b>38</b>	14401009	Pratibha	Rhizoremediation of Residual Organophosphate Pesticides Employing Competent Plant Growth Promoting Bacteria	Prof. Krishna Sundari	2021	21 March 21 2021
<b>39</b>	14401004	Nidhi Srivastava	Bioprospection of microorganisms from selected niche habitat(s) (soil/ rocks) for antimicrobial products	Prof. Indira P Sarethy	2021	6 October 2021

40	14401013	Garima Agarwal	"Identification and Characterization of Peptide Binders for Chikungunya Virus Envelope 2 Protein".	Prof. Reema Gabrani	2022	16 August 2022
41	16401009	Ekta Bhatt	EXPLORING PHYTOREMEDIATION POTENTIAL OF Ocimum basilicum AND Vigna radiata FOR ANTIBIOTICS	Prof. Pammi Gauba	2022	28 June 2022
42	17401006	Ritu Ghildiyal	"Elucidation of host-chikungunya virus non-structural protein interactions and in silico analysis for co-infection".	Prof. Reema Gabrani	2023	10 March 2023
43	17401001	Chetna Faujdar	Anti-urolithiatic Potential of Selected Indian Medicinal Plants	Dr Priyadarshini	2023	23 February 2023
44	15401001	Dibya Rani	Nanomaterials Based Vaccine Development Against Hepatitis E Virus	Prof. Sudha Srivastava	2023	9 January 2023
45	15401009	Sunita Gupta	Structural Functional Insights into Mycobacterial CysE for High-Throughput Virtual Screening of Inhibitors	Dr Vibha Gupta	2023	2 May 2023
46	15401007	Monica Antil	Development of Inhibitors to Target Isocitrate Lyases of Mycobacterium tuberculosis H37Rv	Dr Vibha Gupta	2023	30 June 2023
47	18401013	Priyanka Mathur	Investigating microRNAs as the Next Generation Therapeutic Targets in Diabetic Cardiomyopathy	Prof. Vibha Rani	2023	17 November 2023

