

Registration details of ongoing Ph.D. Scholars of Deptt. of Bio & Nano Technology.

Sr. No.	Registration No.	Name of the Candidate	Topic of Research	Name of Supervisor	Name of Co-Supervisor	Date of Registration
1	12099001	Mr. Sandeep Singh	Synthesis, characterization and toxicological evaluation of isomtamidium Loaded nanoparticles.	Dr. Neeraj Dilbaghi	Dr. Anju Maunja	10.03.2012
2	14099003	Mr. Sant Lal	Preparation and Pharmacological evaluation of nanoformulations of Procyanidolic Oligomers (PCOs) and its mixed ligand complex(s)	Dr. Neeraj Dilbaghi	.....	24.03.2014
3	14099005	Mr. Sudhanshu Dwivedi	Understanding steps towards an integrated view of shatavarin biosynthesis pathway in <i>Asparagus racemosus</i>	Dr. Vinod Chhokar	.....	24.03.2014
4	14099007	Ms. Hemlata	Molecular characterization of chlorpyrifos degradation genes in bacterial isolates	Dr. Anil Kumar	.....	24.03.2014
5	14099008	Mr. Rahul	Synthesis and characterization of polymeric nanoformulation(s) from Aloe vera secondary metabolites and evaluation of its biological activity	Dr. Neeraj Dilbaghi	Dr. Vinod Chhokar	24.03.2014
6	14099013	Mr. Munesh Kumar	Analyzing the effects of Syzigium cumini seed extract on arsenic induced blood cells genotoxicity & hepatotoxicity in rats using SCGE & marker enzymes	Dr. Rajesh Thakur	.....	24.03.2014
7	15099004	Mr. Rohit	Molecular characterization of monocrotophos degrading genes in bacterial isolates	Dr. Anil Kumar	.....	24.07.2015
8	15099006	Ms. Pragati	Identification and molecular characterization of UDP glycosyl transferase(s) gene associated with secondary metabolism in Aloe vera	Dr. Vinod Chhokar	Dr. R.S. Sangwan	24.07.2015
9	15099008	Ms. Muniya Rani	Unravelling the role of oxidosqualene cyclase gene in Aloe vera using functional genomics and metabolomics approaches	Dr. Vinod Chhokar	.....	24.07.2015

10	15099010	Ms. Sarita	Synthesis and Evaluation of Nanostructured Materials for Removal of Lead and Cadmium	Dr. Sandeep Kumar	Dr. Neeraj Dilbaghi	24.07.2015
11	16099001	Ms. Monika	Studies on Microbial mediated Biosynthesis of Nanoparticles and their Nanocomposites for Biomedical Applications	Dr. Neeraj Dilbaghi	Dr. Sunil Sharma	07.05.2016
12	16099003	Ms. Meenakshi Pahwa	Development of Bacillus species as Plant Growth Promoting Rhizobacteria for Dry Land Farming	Dr. Namita Singh	Dr. K.K. Kapoor	28.06.2016
13	16099004	Ms. Minakshi Lalit	Development of molecularly imprinted polymer sensor for selected Cyanotoxin	Dr. Namita Singh	.....	28.06.2016
14	16099005	Ms. Shruti Dudeja	Studies on antimicrobial activity of bioactive compound(s) from fungi isolated from different sources	Dr. Anil Kumar	.....	28.06.2016
15	16099006	Ms. Jyoti Sheorain	Synthesis, Characterization and Biological Evaluation of Thymol nanoformulations	Dr. Santosh Kumari	.....	28.06.2016
16	16099007	Ms. Chanchal	Identification and characterization of genes with respect to secondary metabolism in Asparagus racemosus	Dr. Vinod Chhokar	.....	28.06.2016
17	17099002	Ms. Meenakshi Mehra	Preparation and Biological Evaluation of Berberine Loaded Polymeric Nanoparticles	Dr. Santosh Kumari	Dr. Dinesh Dhingra	25.07.2017
18	17099009	Ms. Sweeta	Isolation, Screening and Characterization of PHB producing Bacteria.	Dr. Anil Kumar		25.07.2017
19	17099008	Ms. Monika Rani	Molecular Characterizaion of Secondary Metabolism Genses in Endophytic Fungi associated with Asparagus racemosus	Prof. Vinod Chhokar	Dr. Sandeep Jaglan	25.07.2017
20	17099003	Ms. Sunena	Fabrication of Polyhydroxyalkanoates (PHA) Nano Scaffolds by using Different Techniques for use in Tissue Engineering.	Dr. Rajesh Thakur	Dr Minakshi Parsad	25.07.2017
21	17099001	Ms. Promila	Green Synthesis of Nanofertilizers and Evaluation of their effect on Quantitative Yield related Attributes in Wheat (Triticum aestivum)”	Dr. Sapna Grewal	Dr. Santosh Kumari	25.07.2017

22	17099007	Mr. Anurag	Optical and Charge Transport Properties of Metal Complexes based Organic Semiconductors.	Dr. Sandeep Kumar	Dr. Amit Kumar	25.07.2017
23	17099006	Mr. Rajesh Kumar	Studies on Characterization of Murraya Koenigii L. for its antioxidant and antimicrobial activities	Prof. Ashok Chaudhary	.....	25.07.2017
24	190090190004	Ms. Navjot Mehta	Synthesis of nanopormulation(s) of bioactive compounds of Abies webbiana and its pharmacological studies.	Dr Rajesh Thakur		04.11.2019
25	190090190005	Mr. Vinod Kumar	Nanostructured Composite Based Biomaterials for Hard Tissue Engineering Applications	Dr Rajesh Thakur		04.11.2019
26	19009020010	Ms. Devanshi Popli	Development and evaluation of novel antimicrobial nanoformulation(s) for combination therapy	Prof. Neeraj Dilbaghi		19.03.2019
27	190090190001	Ms. Bharti	Development of Sensor(s) based on Nanomaterial Modified Electrode for Detection of Trace Explosives	Prof. Neeraj Dilbaghi		04.11.2019
28	190090290006	Ms. Suman Kumari	Understanding the underlying molecular mechanism governing drought tolerance in pigeon pea	Dr. Sapna Grewal	Dr. Kishore Gaikwad	19.03.2019
29	190090290011	Ms. Pooja	Development and evaluation of phytonanoformulation(s) as sustainable biopesticide for control of bacterial blight of clusterbean	Prof. Neeraj Dilbaghi		19.03.2019
30	190090190003	Ms. Manju Sangwan	Preparation of nanoformulation(s) of bioactive compounds of Mesua ferrea (Nagesar) and evaluation of its biological potential.	Dr. Rajesh Thakur		04.11.2019
31	190090290012	Mr. Tilahuan Rabuma	Deciphering transcriptional and post-transcriptional regulatory mechanism of Phytophthora capsici-Capsicum annum L pathosystem	Dr. Vinod Chhokar		19.03.2019
32	190090290013	Usha Rani	Synthesis of nanoformulation(s) of bioactive compound(s) from Datura stramonium and	Dr. Rajesh Thakur		04.11.2019

			evaluation of its anti-inflammatory and anticarcinogenic potential.			
33	180090290001	Jyoti Yadav	Pharmacological evaluation of biologically active compound(s) produced by bacterial isolate	Prof. Namita Singh	Prof. Sunil Kumar	13.12.2018
34	190090290008	Meenakshi	Enhancement of biohydrogen production efficiency form solid municipal waste using microbial consortium	Prof. Namita Singh		19.03.2019
35	190090290004	Deepender Kumar	Genome wide SNP scan for QTL identification using association studies for resistance to multiple rusts in Indian Wheat	Prof. Vinod Chhokar		19.03.2019
36	190090290007	Rekha Boora	Synthesis and evaluation of the impact of nanoparticle(s) on drought tolerance of Wheat	Dr. Sapna Grewal		19.03.2019
37	190090290002	Alka	Elucidating the role of octaketide synthase and ketoreductase involved in antraquinone biosynthesis pathway in Aloe vera	Prof. Vinod Chhokar		19.03.2019
38	190090290003	Sonia	Identification of polymorphic variants of milk fat and protein genes in Indian and Egyptian buffaloes	Prof. Vinod Chhokar		19.03.2019
39	190090290009	Avni	Elicitation mediated enhancement of secondary metabolite production in Bacopa monnieri ink-vitro cultures and evaluation of pharmaceutical properties.	Prof. Namita Singh	Dr. Subhash Kajla	19.03.2019

This is for your kind information and further necessary action.