

Faculty of Environmental and Bio Sciences & Technology
Department of Bio & Nano Technology
List of Ph.D Completed Research Scholars

Sr. No.	Name of Research Scholar	Father's Name	Regn. No.	NAME OF THE SUPERVISOR/ Co-SUPERVISOR	Topic	DATE OF AWARD OF DEGREE
1.	Ms. Anita Punia	Sh. Mohinder Singh Punia	0109901	Dr. Ashok Chaudhary /D.J.V. Singh.	STUDIES ON DNA FINGERPRINTING OF SOME SUPERIOR GUAR GENOTYPES BY RAPD.	07.02.2006
2.	Ms. Bhavneet Kaur	Sh. G. Singh	0109904	Dr. Ashok Chaudhary	IDENTIFICATION OF RACES OF XANTHOMONAS AXONOPODIS PV. CYAMOPSIDIS USING MOLECULAR MARKERS.	07.02.2006
3.	Ms. Minakshi Pal	Sh. Narinder Pal	0109905	Dr. Ashok Chaudhary	IN VITRO CULTURE AND INDUCTION OF SHIKONIN PRODUCTION IN ARNEBIA HISPIDISSIMA.	07.02.2006
4.	Ms. Sharmishtha Purkayastha	Sh. Shyamal Purkayastha	0109902	Dr. Ashok Chaudhary	RACE IDENTIFICATION OF MACROPHOMINA PHASEOLINA, CAUSAL AGENT OF ROOT ROT OF CLUSTER BEAN, USING MOLECULAR MARKERS.	07.02.2006
5.	Ms. Praveen Dahiya	Sh. O.P. Dahiya	02-09-9-01	Dr. Neeraj Dilbagi / Prof. Subhash Chand	STUDIES ON MICROBIAL LIPASES- ISOLATION AND SCREENING OF CULTURES, ENZYME PRODUCTION, PURIFICATION AND CHARACTERISATION	10.05.2008
6.	Ms. Monika Bansal	Sh. R.R. Bansal	02-09-9-03	Prof. Ashok Chaudhary and Prof. P. Pardha Saradhi, Delhi	GENETIC TRANSFORMATION OF TOMATO (LYCOPERSICON ESCULENTUM) FOR INTRODUCTION OF SALINITY TOLERANCE	10.05.2008
7.	Ms. Priyanka Gaurva	Sh. Chattar Singh	02-09-9-02	Prof. Ashok Chaudhary and Prof. P. Pardha Saradhi, Delhi	GENETIC TRANSFORMATION OF LOCAL VARIETY OF RICE IN HARYANA FOR ENHANCING ITS SALINITY TOLERANCE	10.05.2008
8.	Sh. Tirumala Bharani Kumar S.	Sh. S. Kantha Rao	0509901	Dr. Neeraj Dilbagi/Dr. S.P.S. Ahlawat and Dr. R.K. Vijh	CHARACTERIZATION OF MYOSTATIN GENE IN INDIGENOUS CHICKEN BREEDS	04.12.2008
9.	Mr. Yogesh Kumar	Sh. Mahavir Singh	0509902	Dr. Vinod Chhokar / Dr. Jag Shoran	Marker Assisted Gene Pyramiding to Enhance Rust Resistance in Wheat	29.07.2009
10.	Ms. Priyamvada	Sh. Brij Mohan Bansal	0509905	Dr. Priyanka Siwach/ Dr. Ratan Tiwari	Molecular Mapping of Leaf Rust Resistant Gene Lr34 in Wheat	01.09.2009

11.	Mr. Umesh Kumar Goutam	Sh. Ravindera Kumar Goutam	0409901	Dr. Ashok Chaudhury / Dr. R.K. Gupta / Dr. Ratan Tiwari	Biochemical and Molecular Marker Studies for Bread Quality Improvement in Wheat	01.09.2009
12.	Mr. Alok Pandey	Sh. Ram Chandra Pandey	07-09-9-07	Dr. Namita Singh / Dr. Neelam Gupta	Studies on the gene expression in buffalo in vitro matured oocytes and SCNT produced cloned embryos	02.02.2010
13.	Ms. Uma Gaur	Sh. M. G. Gaur	07-09-9-01	Dr. Ashok Chaudhury / Dr. R. K. Vijh	Genetic Characterization of Indian Duck (Anas Platyrhynchos) populations using molecular markers	17.05.2010
14.	Ms. Geetu Sirohi	Sh. Netrapal Sirohi	07-09-9-03	Dr. J. S. Rana / Dr. Neelam Gupta	Identification of SNP markers for wool genes in indigenous sheep breeds	16.07.2010
15.	Mr. Raman Kumar	Sh. Kashmiri Lal Garg	0609904	Dr. Namita Singh / Dr. P. K. Joshi	<i>Bioremediation of Wastewater for Heavy Metals Through Microbes</i>	29.04.2011
16.	Ms. Sulekha Rani	Sh. Ram Kumar	0809902	Prof. J. S. Rana	<i>In Vitro Regeneration and Quantification of Tylophorine and Other Secondary Metabolites In Tylophora Indica</i>	30.12.2011
17.	Ms. Sonia Kuhar	Sh. Ram Pal Kuhar	07-09-9-08	Dr. Namita Singh	<i>Production, Purification and characterization of Microbial Phytase Enzyme and its application in animal feed</i>	01.02.2012
18.	Mr. Vikas Beniwal	Sh. Dharam Pal Beniwal	07-09-9-10	Dr. Vinod Chhokar	<i>Purification, Characterization, molecular gene cloning and sequencing of tannase from bacteria</i>	16.05.2012
19.	Mr. Mahesh Kumar	Sh. Ram Pal Singh	0809901	Dr. Vinod Chhokar	<i>Molecular characterization and genetic divergence in asparagus (Asparagus racemosus Willd.) using molecular markers</i>	29.08.2012
20.	Ms. Manju Yadav	Sh. Kailash Chander Yadav	07-09-9-05	Dr. J. S. Rana	<i>Molecular Characterization of mustard genotypes (Brassica juncea L. Czern & Coss) for their resistance against mustard aphid (Lipaphis erysimi Kalt)</i>	30.10.2012
21.	Sh. Anil Kumar	Sh. Raj Kumar	07-09-9-09	Dr. Vinod Chhokar / Dr. Ashwin Ashok Raut	<i>Molecular Characterization of Major Candidate Genes Associated with Milk Fat Percentage in Indian Buffalo</i>	31.12.2012
22.	Ms. Sarika Poonia	Sh. Wazir Singh Poonia	0509904	Dr. Namita Singh	<i>LOW TEMPERATURE ACCLIMATIZATION AND ITS REGULATION IN THE CYANOBACTERIUM SPIRULINA</i>	15.03.2013
23.	Mr. Sundeep	Sh. Narender Singh	0509906	Dr. Namita Singh / Dr. Priyanka Siwach	<i>DNA FINGERPRINTING OF SOME IMPORTANT LINES OF ISABGOL</i>	15.03.2013
24.	Ms. Anita Ruhel	Sh. Tej Bir Singh Ruhel	0909902	Prof. J.S. Rana / Dr.	DEVELOPMENT OF CARBON NANOTUBE BASED	13.08.2013

				Sandeep Kumar	BIOSENSOR FOR TESTING MATURITY IN FRUITS	
25.	Mr. Rakesh Yadav	Sh. Balbir Singh	0609903	Dr. Ashok Chaudhary	Studies on Genetic Modification of Lignin Biosynthesis Pathway in Poplars for Low Lignin Content	21.11.2013
26.	Ms. Pooja	Sh. Jai Dayal Julaha	0609901	Dr. Ashok Chaudhary / Dr. Neeraj Dilbagi	Molecular approaches for the development of SCAR assay as a diagnostic tool for the detection and distribution of dsRNA among isolates of <i>Macrophomina phaseolina</i> .	21.01.2014
27.	Ms. Santosh Kumari	Sh. Mir Singh	0909901	Prof. J.S. Rana	Interaction of Sanguinarine with nucleic acids to exploit its anticancer potential.	12.02.2014
28.	Ms. Manju Rani	Sh. Suraj Bhan Malwa	0709904	Dr. J.S. Rana/ Dr. K.K. Dahiya	Genetic Characterization and Prevalence of <i>Rhizoctonia solani</i> and Its Antagonists in Semi Arid Tropic Cotton Ecosystem.	31.03.2014
29.	Ms. Harmanmeet Kaur Monga	Sh. Harmeet Singh Monga	11099010	Prof. Neeraj Dilbaghi / Dr. Munish Ahuja	Design and Evaluation of Polymeric Drug Nanoparticles for Ophthalmic Delivery	31.03.2014
30	Ms. Annu Sindhu	Sh. B.S. Sindhu	11099001	Prof. A. Chaudhury	Molecular characterization of elite genotypes of <i>Trigonella</i> using DNA based molecular markers.	16.04.2014
31	Ms. Pawan Kaur	Sh. Ram Chander Phogat	11099011	Dr. Rajesh Thakur/ Prof. A. Chaudhury	Synthesis of nanoparticles & application in plant disease control.	11.06.2014
32	Ms. Alpana Kulhari	Sh. Jai Singh Kulhari	11099002	Prof. A. Chaudhury/ Dr. Rajwant K. Kalia	Characterization of germplasm of <i>Commiphora wightii</i> (Arnot.) Bhandari using DNA markers and on the basis of guggulsterone content	07.08.2014
33	Mr. Narender Kumar	Sh. Munshi Ram	0809903	Dr. Namita Singh	Isolation, Purification, Characterization and Molecular Identification Of Potent Microbe For bioactive Compound	07.08.2014
34	Ms. Suman Verma	Sh. Khazana Ram	0909904	Dr. Neeraj Dilbaghi/ Dr. Sandeep Kumar	STUDIES ON THE DEVELOPMENT OF UREA SENSOR USING DIFFERENT NANOBIOCOMPOSITES	13.11.2014
35	Ms. Apoorva Arora	Dr. Anil Arora	12099002	Dr. Neeraj Dilbaghi/	Marker assisted diversity analysis and creation of spring wheat genotypic	13.11.2014

				Dr. Ratan Tiwari	panel for association mapping	
36	Ms. Poonam	Sh. Wazir Singh	11099003	Prof. A. Chaudhury/ Dr. subhash Kajla	Micropropagation of <i>Lawsonia inermis</i> L. And in vitro manipulations for induction of Lawsone content	13.11.2014
37	Ms. Manisha	Sh. Ravinder Kumar Gupta	11099004	Prof. A. Chaudhury / Dr. Subhash Kajla	Micropropagation of <i>Glycyrrhiza glabra</i> Linn. and induction of Glycyrrhizin through in vitro manipulations	17.04 .2015
38	Ms.Sarla Rani	Sh. Jai Singh	0909903	Dr. Vinod Chhokar/D r. S.K. Phulia	Molecular characterization of major candidate genes associated with reproductive traits in buffalo (<i>Bubalus bubalis</i>)	18.08 .2015
39	Mr. Arun Sheorayan	Sh. Balbir Singh	11099005	Prof. A. Chaudhury / Dr. Subhash Kajla	Characterization of <i>Tinospora cordifolia</i> (Willd.) Miers germplasm using molecular marker and berberine content	10.08.2015
40	Ms. Anuradha Singh	Sh. Akshaiwar Singh	13099009	Prof. A. Choudhary / Dr. Rakesh Tulli	Expression analysis of starch biosynthesis pathway genes and their effects on starch quality in wheat	25.04.2016
41	Mr. Jaideep	Sh. Krishan Kumar	13099004	Prof. A. Choudhary / Dr. S.C. Yadav	Identification and characterization of infection specific antigen from proteome of <i>Trypanosoma evansi</i> and its application in sero-diagnosis	25.04.2016
42	Ms. Punita Sharma	Sh. Shiv Kumar Sharma	12099007	Dr. Namita Singh/Dr. Rajni Kant Dixit	Molecular analysis of salivary gland specific genes in malaria vector <i>Anopheles culicifacies</i>	25.04.2016
43	Ms. Kanupriya	Sh. Jaibir Singh	11099009	Dr. Namita Singh	Identification & characterization of Oxidative Stress induced gene in <i>Arthrospira</i> spp.	17.06.2016
44	Ms. Nidhi Aggarwal	Sh. Naresh Aggarwal	13099008	Prof. A. Choudhary / Dr. Subhash Kajla	Micropropagation of <i>Andrographis paniculata</i> and in vitro manipulations for the induction of its secondary metabolites	18.07.2016
45	Mr. Vikas	Sh. Amar Singh	13099001	Dr. Neeraj Dilbaghi/ Dr. Vikas Hooda	Fabrication and Characterization of Amperometric biosensor based on Nafion/Ache-SWCNT/MWCNT-Au for determination of Organophosphorous compounds	01.09.2016
46	Mr. Virender Singh	Sh. Chandgi Ram	12099005	Prof. Ashok Chaudhary / Dr.	Identification of genomic regions associated with spot blotch resistance in	28.10.2016

				Gyanendra Singh	wheat(<i>triticum aestivum</i> L.)	
47	Mr. Gaurav Bhanjana	Sh. Atam Prakash	14099009	Dr. Sandeep Kumar/ Dr. Neeraj Dilbaghi	Studies on utilization of nanoparticles for removal and sensing of heavy metals	04.01.2017
48	Ms. Nayan Tara	Sh. Maha Singh	13099007	Dr. Ashok Choudhary	Studies on Regulation of CCA1 Gene Expression in Transgenic Rice	06.09.2017
49	Ms. Bhawana Gupta	Sh. N.D. Gupta	12099003	Dr. Ashok Chaudhury / Dr. Sabyasachi Chakraborty	Shikonin: Comparative study of signaling pathways in multiple therapeutic areas	06.09.2017
50	Ms. Neetu Chauhan	Sh. Jaipal Singh	11099012	Dr. Sandeep Kumar/ Dr. Neeraj Dilbaghi	Development of polymer nanocapsules for controlled release of pesticide	31.10.2017
51	Ms. Ruma Rani	Sh. Gian Singh	13099006	Dr. Snadeep Kumar/ Dr. Dinesh Dhingra	Preparation and evaluation of nanoformulation(s) of some bioactive compounds for the treatment of diabetes	09.03.2018
52	Ms. Anita Devi	Sh. Ram Chander	12099006	Dr. Namita Singh	Cellulase production from indigenous fungal strains using agro-industrial waste and its characterization	14.05.2018
53	Ms. Ritika Chanan	Sh. Kiran Chanan	13099003	Dr. Namita Singh	Studies on Production of Bioactive Compound(s) by Selected Cyanobacterial Species	29.05.2018
54	Mr. Rajneesh Jaryal	Sh. Vishnu Ram	14099016	Dr. Namita Singh	Antagonistic potential of bioactive compound isolated from <i>Bacillus cereus</i> NSD 10072	16.01.2019
55	Ms. Manju Bernela	Sh. Parkash Bernela	14099015	Dr. Rajesh Thakur / Dr. Munish Ahuja	Formulation and evaluation of nanoparticulate delivery systems of bioactive phytopharmaceuticals	29.01.2019
56	Ms. Kapila Taneja	Sh. Harnam Singh Taneja	14099010	Dr. Neeraj Dilbaghi / Dr. B. K. Bajaj	Isolation, screening, purification, characterization and immobilization of fibrinolytic enzyme(s) from microbial source(s)	18.02.2019
57	Ms. Tanvi	Sh. Naresh Kumar Kaila	14099011	Dr. Ashok Chaudhry / Dr. Kishore Gaikward	Functional genomics for understanding the molecular mechanism governing cytoplasmic male sterility in Pigeonpea	17.03.2020
58	Ms. Shakti	Sh. Gian Singh	14099014	Dr. Neeraj Dilbaghi / Dr. Dinesh Dhingra	Preparation, characterization and pharmacological evaluation of polyphenolic nanoformulations from <i>Camellia sinensis</i>	05.11.2019
59	Ms. Pooja	Sh. Jaipal	14099012	Dr. Ashok Chaudhry/ Dr. K.V. Bhat	Identification and characterization of SNP markers in mungbean [<i>Vigna radiata</i> (L.) Wilczek] for cultivar identification	27.10.2020

60	Mr. Ritesh Kumar	Sh. Rajpal	13099010	Dr. Neeraj Dilbhagi / Dr. S.C. Yadav	Studies on Development of Gold Nanoparticles based diagnostic method for Trypanosoma evansi infection in animals	13.10.2021
61	Ms. Hemlata	Sh. Krishan Gopal	14099007	Dr. Anil Kumar	Molecular characterization of chlorpyrifos degradation genes in bacterial isolates	13.10.2021
62	Ms. Wandit Ahlawat	Sh. Ramesh Ahlawat	14099002	Dr. Sandeep Kumar	Utilization of nanomaterials for removal of Harmful dyes	13.10.2021
63	Ms. Anita Devi	Sh. Deva Singh	15099009	Dr. Ashok Chaudhury	Studies on regulation of CCA-I gene expression in transgenic japonica rice variety taipei309	09.12.2021
64	Ms. Ila Joshi	Sh. Harsh Vardhan Joshi	15009902	Dr. Ashok Chaudhury / Dr. P. D. Jain	Studies on host-delivered RNAi mediated resistance in Arabidopsis against root-knot nematode (Meloidogyne incognita)	09.12.2021
65	Ms. Anita Kumari	Sh. Sumer Singh	12099008	Dr. Ashok Chaudhury / Dr. Rakesh Tuli	Modulation of scion through graft transmissible signals from rootstock, using Arabidopsis as a model system	09.12.2021
66	Mr. Neeraj Sethi		13099005	Dr. Neeraj Dilbhagi/ Dr. Sandeep Kumar	Preparation and evaluation of anticancer drug-loaded ursolic acid nanoparticulate formulation	
67	Ms. Shruti Dudeja	Sh. Ved Prakash Dudeja	16099005	Dr. Anil Kumar	Studies on antimicrobial activity of bioactive compounds(s) from fungi isolated from different sources	12.10.2022
68	Mr. Deepender Kumar	Sh. Ram Karan Matto	19009029004	Prof. Vinod Chhokar	Genome wide SNP scan for QTL identification using association studies for resistance to multiple rusts in Indian Wheat	12.10.2022
69	Mr. Munesh Kumar	Sh. Meer Singh	14099013	Dr. Rajesh Thakur	Analyzing the effects of Syzygium cumini seed extract on arsenite genotoxicity & hepatotoxicity in rats using SCGE & marker enzymes	12.12.2022
70	Prashant Bhardwaj	Sh. Rakesh Bhardwaj	190090190002	Prof. Neeraj Dilbaghi	Development and biological evaluation of pharmacoengineered lipid nanoarchitectonics based drug delivery tool for smart delivery of nanocombinations	14.02.2023
71	Mr. Yogesh Chander	Sh. Mahender Singh	190090390001	Prof. Namita Singh / Dr. Sanjay Barua	Role of p38 MAP Kinase in Buffalopox virus replication	14.02.2023
72	Ms. Shikha Jain	Sh. Jai Parkash	190090290005	Dr Sandeep Kumar	Studies on development of fluorescent biosensor	25.04.2023

					for detection of heavy metals in water	
73	Mr. Suryakant Panchal	Sh. Arun Kumar	15099005	Dr. Namita Singh	Development and characterization of a polycyclic aromatic hydrocarbon (PAH) degrading microbial consortium	25.05.2023
74	Ms. Jyoti Rani	Sh. Ajee Ram	17099004	Dr. Namita Singh/Dr. Rajnikant Dixit	Transcriptional Responses of Mosquito Hemocyte against Microbial Challenge in Indian Malarial Vector Anopheles Culicifacies	25.05.2023
75	Ms. Manju Bala Bishnoi	Sh. Rajender Kumar Bishnoi	15099007	Dr. Namita Singh	Production and characterization of Cyanobacterial pigments for its commercial application	31.05.2023
76	Ms. Jyoti Bakshi	Sh. Dinesh Bakshi	190090290001	Dr. Santosh Kumari	Synthesis and therapeutic evaluation of berberine-gum complexes	28.06.2023