

LIST OF RESEARCH SCHOLARS OF THE SCHOOL OF BIOTECHNOLOGY

S. No.	Name	Supervisor	Title	Date of Registration
Ph.D				
1	Sudha Chib	Prof. Manoj K Dhar	Studies on the genetic transformation of saffron for manipulation of apocarotenoid pathway	6 th January, 2017
2	Yasser Perwaiz	Prof. Manoj K Dhar	Molecular insights in <i>Crocus sativus</i> L. under abiotic stress	21 st August, 2017
3	Tanushri Sharma	Prof. Manoj K Dhar	Deciphering the molecular basis of arabinoxylan biosynthetic pathway in <i>Plantago ovata</i> Forsk.	22 nd September, 2017
4	Swati Gupta	Prof. Manoj K Dhar	Exploration of withanolide biosynthetic pathway in <i>Physalis alkekengi</i> L.	25 th September, 2017
5	Sagrika	Prof. Manoj K Dhar	Creating a genomics platform in <i>Plantago ovata</i> Forsk.	23 rd January, 2019
6	Rachna Ganjoo	Prof. Manoj K Dhar	<i>In vitro</i> cormlet production and transformation technology for genetic improvement of saffron	29 th July, 2019
7	Rimjim Gupta	Prof. Manoj K Dhar	Elucidation of the crosstalk between flavonoid and fatty acid biosynthetic pathways in <i>Juglans regia</i> L.	21 st August, 2020
8	Santosh Sharma	Prof. Manoj K Dhar	Not yet registered	
9	Shivali Sharma	Prof. Jyoti Vakhlu	Studies on effect of <i>Fusarium oxysporum</i> on corm microbiome of <i>Crocus sativus</i> L.	05-02-2016
10	Monika Kumari	Prof. Jyoti Vakhlu	Title of my PhD thesis is “ Studies on the impact of healing clay of Chamliyal on the skin microbiome of psoriatic patients	21 st August, 2017
11	Syed Tabia Andrabi	Prof. Jyoti Vakhlu	Characterization of the root microbiome and plant growth promoting rhizobacteria associated with the basmati rice cultivars grown in Jammu region	23 rd August, 2017
12	Ritika Mansotra	Prof. Jyoti Vakhlu	Development of barcodes for cataloguing pathogenic and non-pathogenic fungi in saffron fields	20 th September, 2018
13	Tahir Ali	Prof. Jyoti Vakhlu	Field evaluation of <i>Bacillus</i> sp. strain D5 based biofertilizer on metabolome of stigma and corm of <i>Crocus sativus</i> L.	12 th February, 2020
14	Ayushi Verma	Prof. Jyoti Vakhlu	Not yet registered	
15	Nitika Sharma	Prof. Jyoti Vakhlu	Not yet registered	

16	Shikha Sharma	Prof. Bijender K Bajaj	Production of fungal fibrinolytic protease and its immobilization on poly- β -hydroxy butyrate nanoparticles	05 th February,2016
17	Ridhika Bangotra	Prof. Bijender K Bajaj	Bioprospecting and functional characterization of probiotic bacteria from some econiches for anti-inflammatory potential	29 th July,2019
18	Bisma Habib	Prof. Bijender K Bajaj	Probiotic lactic acid bacteria with antidiabetic and antioxidant potential for the production of functional foods	12 th March,2020
19	Surbhi Sharma	Prof. Bijender K Bajaj	Application perspective of magnetic nanoparticles for efficient processing of sugarcane tops biomass to biofuel-ethanol	21 st August,2020
20	Arpana Thakur	Prof. Bijender K Bajaj	Not yet decided	
21	Muskaan Chib	Prof. Bijender K Bajaj	Not yet decided	
22	Supriya Sharma	Prof. Sanjana Kaul	Prospecting fungal endobiome of <i>Dioscorea bulbifera</i> L. for bioactive metabolites	1 st May, 2016
23	Malvi Choudhary	Prof. Sanjana Kaul	Exploring the phytobiome of <i>Datura stramonium</i> L. for endophytic fungal community composition and functional traits	5 th February, 2016
24	Itika Sharma	Prof. Sanjana Kaul	Functional genomics approach for understanding the Apple – <i>Alternaria</i> pathosystem	20 th June 2018
25	Anjum Imtiaz	Prof. Sanjana Kaul	Exploring the endomicrobiome of <i>Polygonum amplexicaule</i> D.Don for bioactive metabolites	2 nd September, 2019
26	Ashish Raina	Prof. Sanjana Kaul	Understanding the intricacies of host-pathogen interaction using walnut-anthracnose pathosystem	30 th September, 2019
27	Apra Goutam	Prof. Sanjana Kaul	Prospecting fungal endobiome of <i>Cydonia oblonga</i> (Mill.) an important medicinal plant for functional attributes	21 st August, 2020
28	Monica Sangral	Dr. Madhulika Bhagat	Characterisation of active phytoconstituents of <i>Berberis almat</i> Royle. And <i>Jurenia macrocephala</i> Benth. For anticancer potential and sustainable release	05 th August,2016
29	Rythem Anand	Dr. Madhulika Bhagat	Studies on the development of eco-friendly nano formulations for efficient delivery of agrochemicals in <i>Crocus sativus</i> L.	04 th January,2017
30	Mir Mohd. Fahhem	Dr. Madhulika Bhagat	Studies on the role of oncogenic MDM2 activation in p53 deficient cancer cells	23 rd August,2017

31	Pooja Sharma	Dr. Madhulika Bhagat	Biodegradable formulations of bioactives from <i>Skimmia laureola</i> (DC.) Decne and <i>Boswellia serrata</i> Roxb. For their therapeutic potential	2 nd July, 2021
32	Kiran Bala	Dr. Madhulika Bhagat	Formulation of nanogels loaded with essential oils from <i>Picea smithiana</i> (wall.) Boiss and <i>Abies pindrow</i> (Royle ex D. Don) Royle for their biomedical efficacy	9 th August, 2021
33	Sandeep Kour	Dr. Ritu Mahajan	Characterization of some genes of shikimate pathway in wild pomegranate (<i>Punica granatum</i> L.)	30 th July, 2019
34	Shajaat Hussain Ahanger	Dr. Ritu Mahajan	Exploring the flavonoid biosynthetic pathway in <i>Curcuma zedoaria</i> Roscoe to unravel gene-metabolite correlation	3 rd July, 2021
35	Nipunta	Dr. Ritu Mahajan	Understanding the anthocyanin biosynthetic pathway in <i>Ficus almate</i> Forssk.	3 rd August, 2021
36	Isar Sharma	Dr. Nisha Kapoor	Genetic polymorphism in potential candidate genes and their association analysis with Metabolically Healthy Obesity and Metabolically Unhealthy Obesity in the population of Jammu region	12 th March, 2020
37	Sakshi Sharma	Dr. Nisha Kapoor	Identification of the novel candidate genes, and expression analysis of small circulating miRNAs in Autoimmune Polyglandular Syndrome type 3a (APS3a)	12 th March, 2020
38	Kritika Bakshi	Dr. Nisha Kapoor	Not yet registered	
39	Suruchi Gupta	Dr. Nisha Kapoor		
40	Maryam Touhidinia			
41	Surbhi Dubey			
M.Phil				
1	Monika	Dr. Nisha Kapoor	Genetic characterization of “ Maturity Onset ” Diabetes of the Young (MODY) in population of Jammu region	8 th February, 2021
2	Makul Mahato	Dr. Madhulika Bhagat	Title not yet decided	11 th February, 2021