

ONGOING PhD's Dept of Biotechnology

| S.No. | Roll.No | Name | Supervisor-1 | Title |
|-------|----------|----------------------|------------------------|---|
| 1 | 12401102 | Sonam Shaheen | Prof. Krishna Sundari | Study developing PGPM consortia formulation and remediation of organophosphate pesticides |
| 2 | 14401009 | Pratibha | Prof. Krishna Sundari | Rhizoremediation of Residual Organophosphate Pesticides Employing Competent Plant Growth Promoting Bacteria |
| 3 | 14401004 | Nidhi Srivastava | Prof. Indira P Sarethy | Bioprospection of microorganisms from selected niche habitat(s) (soil/ rocks) for antimicrobial products |
| 4 | 14401013 | Garima Agarwal | Prof. Reema Gabrani | Viral Functional Genomics |
| 5 | 15401001 | Dibya Rani | Prof. Sudha Srivastava | Nanoparticle based vaccine against Hepatitis E virus |
| 6 | 15401009 | Sunita Gupta | Dr. Vibha Gupta | Inhibitor discovery for mycobacterial biosynthetic pathway to cysteine |
| 7 | 15401007 | Monika | Dr. Vibha Gupta | Development of inhibitors to target isocitratelases of <i>M. Tuberculosis</i> |
| 8 | 16401003 | Kashyapi Chakravarty | Dr. Smriti Gaur | Probiotic properties of bacteria isolated from fermented foods |
| 9 | 17401009 | Geeta Swargiary | Dr. Shalini Mani | Anticancerous herbs as mitocans |
| 10 | 17401001 | Chetna Faujdar | Dr. Priyadarshini | Antiuro lithiatic potential of selected Indian medicinal plants |
| 11 | 17401006 | Ritu Ghildiyal | Prof. Reema Gabarani | Cellular interactors of non-structural proteins of Chikungunya virus |
| 12 | 17401002 | Shalini Tyagi | Dr. Garima Mathur | Therapeutic potential of commercial Indian medicinal plants |
| 13 | 17401007 | Shashank Awasthi | Prof Neeraj Wadhwa | Isolation and characterization of bioactive compounds from developing plant Embryos |
| 14 | 17401005 | Ekta Bhatt | Prof. Pammi Gauba | Bioremediation of organic compounds |
| 15 | 17401005 | Preeti Thakur | Prof. Pammi Gauba | Water pollution and its remediation |
| 16 | 17401003 | Sonia Sharma | Prof. Neeraj Wadhwa | Phytoconstituentsscreening, characterization and application of endophytes from tuber crops |
| 17 | 17401010 | Bhumika Gupta | Prof. Indira P Sarethy | Bioprospecting for carbohydrases from cultivable bacteria and soil metagenome |
| 18 | 17401011 | Radhika Bansal | Prof. Pammi Gauba | Evaluation of the heavy metal content in market samples of plant raw drugs used in Ayurveda |

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|-------|----------|---------------------|------------------------|--|
| 19 | 17401006 | Megha Gautam | Prof. Reema Gabrani | Anti-Cancer therapy |
| 20 | 17401008 | Archana Kumari | Prof. Krishna Sundari | Employing competent microbes for remediation of toxic organic substances |
| 21 | 18401017 | Shilpa Gundagatti | Prof. Sudha Srivastava | Biosensor development for malaria |
| 22 | 18401010 | Vandana Tandasi | Prof. Sudha Srivastava | Stability studies of blood grouping reagents: Anti-A and Anti-B |
| 23 | 18401006 | Aastha | Prof. Krishna Sundari | Bioconversion of tannic acid through microbe assisted fermentation to produce pharmaceutically important gallic Acid and its derivatives |
| 24 | 18401005 | Kumkum Sharma | Prof. Vibha Rani | Cardio-protective effect of aged garlic extract |
| 25 | 18401013 | Priyanka Mathur | Prof. Vibha Rani | Investigating microRNAs as the Next Generation Therapeutic Targets in Diabetic cardiomyopathy |
| 26 | 18401015 | Shikha Mishra | Dr. Priyadarshini | Diabetic nephropathy |
| 27 | 18401007 | Gemini Patel | Prof Neeraj Wadhwa | Medicinal plants for disease control against metabolism and microbial diseases |
| 28 | 18401014 | Chitra Sharma | Prof. Indira P Sarethy | Bioremediation of environment Pollutants |
| 29 | 18401004 | Yogender Thakur | Dr. Chakresh Jain | Bioinformatics analysis of legume crops-omics data |
| 30 | 18401002 | Pankaj kr. Tripathi | Dr. Chakresh Jain | Computational method for potential gene identification |
| 31 | 18401001 | Shivani Sharma | Dr. Priyadarshini | Biological pathways and diseases |
| 32 | 18401008 | Neetu saharan | Prof. Neeraj Wadhwa | Tuber metabolites and their biodegradation in natural environment |
| 33 | 18401016 | Sakshi Tyagi | Dr. Shalini Mani | Vitamin D as anticancerous agent |
| 34 | 19401001 | Pallavi Kumari | Dr.Shweta Dang | Nanocarriers for the therapeutics for effective drug delivery |
| 35 | 19401002 | Surbhi Sharma | Dr.Shweta Dang | Drug Delivery through Nanotechnology in Brain |
| 36 | 19401006 | Vijeta Prakash | Prof. Reema Gabarani | Anti-Cancer therapy |
| 37 | 19401003 | Renu Bhadana | Prof. Vibha Rani | <i>Syzyiumcumini</i> polyphenols in drug induced cytotoxicity |
| 38 | 19401013 | Shivani Singhal | Prof. Vibha Rani | Ayurvedic herbal formulations in modulating gut microbiota which is associated with diabetic cardiomyopathy |
| 39 | 19401010 | Priyansh Srivastava | Prof. Indira P Sarethy | Evaluation of lichens from unexplored habitat(s) for anti-microbial and anticancerous products |

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|-------|----------|---------------------|---------------------------------------|--|
| 40 | 19401012 | Swapnil Chaturvedi | Prof. Indira P Sarethy | Identification and characterization of natural bioactive compounds |
| 41 | 19401011 | Pooja Upadhyay | Dr. Ashwani Mathur & Prof Pammi Gauba | Design and fabrication of amperometric biosensors for detection of Paraben |
| 42 | 19401005 | Akansha Aggarwal | Dr. Ashwani Mathur | Hydroponic culture of <i>Bacopa monnieri</i> |
| 43 | 19401008 | Divanshi Jain | Prof. Sujata Mohanty | Understanding ecology and evolution perspective of trait variations in Indian <i>Drosophila</i> |
| 44 | 19401004 | Namita Sharma | Prof. Sudha Srivastava | Early Stage Diagnosis of acute Myeloid Leukemia |
| 45 | 19401007 | Rishibha Gupta | Dr. Smriti Gaur | To develop a millet-based fermented food product and assessment of its nutritional and functional properties |
| 46 | 19401015 | Samridh Srivastava | Dr. Garima Mathur | BACTERIAL CELLULOSE |
| 47 | 19401016 | Navendra Uniyal | Prof. Krishna S Sundari | Pesticide degradation and plant growth-promoting ability of beneficial microorganism |
| 48 | 19401017 | Fpratishthika Singh | Dr. Chakresh Jain | Machine learning methods and network biology approach in the prediction of the disease |
| 49 | 19401018 | Priyanka Kakkar | Prof. Neeraj Wadhwa | Development of food products from Aroids |
| 50 | 19401019 | Mansi Sharma | Dr. Rachana | Transdermal therapeutics for skin cancer |
| 51 | 19401020 | Nikita Singh | Dr. Smriti Gaur | Bioactive peptides from cow milk fermented by Lactic acid bacteria |
| 52 | 19401009 | Arushi Saxena | Prof. Pammi Gauba | Remediation of antibiotics in soil and water |
| 53 | 19401021 | Harit Kasana | Dr. Ashwani Mathur | Designing and Evaluation of Therapeutic Recombinant Protein (Monoclonal Antibodies) |
| 54 | POP20063 | Razi UR Rahman | Dr. Garima Mathur | Fungal chitosan: Production & characterization |
| 55 | POP20074 | Deepanshi Pathak | Dr. Racahna | DEVELOPMENT OF IMMUNO-MODULATORILLY ACTIVE FORMULATION FOR RESPIRATORY DISTRESS. |
| 56 | POP20094 | Shubhi Singh | Dr. Smriti Gaur | Nutritional and Functional Analysis of Fortified Prebiotic Cookies using Edible Seeds |
| 57 | POP20108 | Srishti Sharma | Prof. Sujata Mohanty | Dissecting the molecular aspect of insecticide - induced behavioral response towards life history traits in <i>Drosophila</i> model. |

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|-------|------------|---------------------|-------------------------------------|---|
| 58 | POP20136 | Rupesh Kumar | Dr. Shazia Haider | A BIOINFORMATICS APPROACH TO UNDERSTAND AMYOTROPHIC LATERAL SCLEROSIS (ALS) |
| 59 | POP20139 | Saloni Sachdeva | Prof. Indira P Sarethy | Study of microbial communities of inland water bodies |
| 60 | PHD2021011 | ANKITA ARORA | DR. SAZIA HAIDAR | SYSTEMS BIOLOGY APPROACH TO DETECT KEY MOLECULES AND INTERACTION NETWORK IN CANCERS |
| 61 | PHD2021004 | MAHIMA | DR. INDIRA P. SARETHY | Microbial profiling of selected traditional Indian fermented foods |
| 62 | PHD2021015 | NIKITA BINDAL | PROF. SUJATA MOHANTY | Screening of potential Nutraceuticals and toxicity assessment in health and disease using Drosophila model. |
| 63 | PHD2021001 | PRIYADARSHINI GUPTA | PROF. VIBHA RANI | Investigation of Indian Herbs as ACE Blocker in HCQ Induced cardiotoxicity |
| 64 | PHD2021013 | RITIKA GARG | PROF. PAMMI GAUBA & DR. SHWETA DANG | E- waste its remediation and impact |
| 65 | PHD2021009 | SUKIRTI | DR. GARIMA MATHUR | Food Biotechnology |
| 66 | PHD2021016 | TRIPTI SINGH | DR. ASHWINI MATHUR | Plant Biotechnology |

