

| CENTRAL UNIVERSITY OF PUNJAB, Bathinda | | | | |
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| Research Project Details Batch 2020-22 | | | | |
| Department of Zoology | | | | |
| S. No. | Regd. No. | Name of the Student | Title of Thesis | Supervisor |
| 1 | 20mslsas01 | Bharti | Insects and their artificial diets. | Dr. R K Chaitanya |
| 2 | 20mslsas02 | Rashmi Rekha Panda | Screening of Malaria-Box Compounds to Identify Potential Inhibitors against Mosquito Carboxypeptidases using Molecular Docking Studies. | Dr. R K Chaitanya |
| 3 | 20mslsas03 | Sangeeta Kumari | To study the effect of different dietary food on sleep of Drosophila. | Dr. S. R. Lone |
| 4 | 20mslsas04 | Sarthak Chauhan | Role of Mushroom Body Output neurons(MBONS)in Alzheimer's Disease related forgetting. | Dr. S. R. Lone |
| 5 | 20mslsas05 | Medha Rani | Elucidating the role of LncRNAs abd MicroRNAs in the Pathogenesis of Testicular Cancer. | Prof. Aklank Jain |
| 6 | 20mslsas06 | Megha Singh | Neuro-inflammation: Role of astrocytes and Microglial activation in Alzheimer's Disease. | Prof. Anil K Mantha |
| 7 | 20mslsas07 | Nandini Kumari | A comprehensive analysis on platelet transfusion. | Dr. Sunil K Singh |
| 8 | 20mslsas08 | Neeru Devi | | |
| 9 | 20mslsas10 | Suraj Kumar Rajak | Molecular cloning and homology modelling of <i>Pectinophora gossypiella gut cadherin</i> . | Dr. R K Chaitanya |
| 10 | 20mslsas11 | Divya | Understanding the Neuro-inflammation and synaptic functionality: Role of APE1 and Alzheimer's Disease. | Prof. Anil K Mantha |
| 11 | 20mslsas13 | Jyoti | Role of 2D- Nanomaterials in cardiac tissue engineering. | Dr. Sunil K Singh |
| 12 | 20mslsas14 | Jyotsna Mahla | Effect of Bisphenol S on male reproductive health in relation to oxidative stress. | Dr. Debarshi sarkar |
| 13 | 20mslsas16 | Madhurima Mukherjee | Understanding the path towards drug targeting of multifunctional enzyme APE1's activators and inhibitors in human cancers. | Prof. Anil K Mantha |
| 14 | 20mslsas17 | Nidhi | Role of different ellipsoid body ring neurons in mechanosensory induced sleep in Drosophila melanogaster. | Dr. S. R. Lone |
| 15 | 20mslsas18 | Nisha Yadav | A comprehensive review on association between neurodegenerative disorders and cardiovascular complications. | Dr. Sunil K Singh |
| 16 | 20mslsas19 | Abhinaba Chatterjee | 2D- Nanomaterials based Electrochemical Biosensor for Cardiovascular and Neurodegenerative Disease Diagnosis: A Review. | Dr. Sunil K Singh |
| 17 | 20mslsas20 | Abhishek Kumar Maurya | Understanding Impact of Light Pollution on sleep using Fruit Fly as a Model Organism. | Dr. S. R. Lone |
| 18 | 20mslsas23 | Alisha Behera | MicroRNA as Emerging Players in the Pathogenesis of Penile Cancer. | Prof. Aklank Jain |

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| 19 | 20mslsas24 | Pawan Kumar | The imminent role of tumor suppressive microRNA in salivary adenoid cystic carcinoma. | Prof. Aklank Jain |
| 20 | 20mslsas27 | Prahallad Mishra | Role of Hypothalamic glial cells in GnRH secretion. | Dr. Jyoti Parkash |
| 21 | 20mslsas28 | Ananya Banerjee | Development of PCOS: Involvement of genetic, hormonal and metabolic factors. | Dr. Jyoti Parkash |
| 22 | 20mslsas33 | Ram Kumar Kumawat | Role of ontogenetic MicroRNA in the pathogenesis of Salivary adenoid cystic carcinoma. | Prof. Aklank Jain |
| 23 | 20mslsas34 | Rajshree Senapati | Effect of Bisphenol S on testicular steroidogenesis. | Dr. Debarshi sarkar |
| 24 | 20mslsas35 | Rabia Mushtaq | Molecular cloning of partial cDNA of unpaired-2 (Upd-2) from Drosophila melanogaster. | Dr. R K Chaitanya |
| 25 | 20mslsas38 | Ashutosh rawat | Influence of multifunctional enzyme APE1/REF1 in Glioblastoma pathophysiology. | Prof. Anil K Mantha |
| 26 | 20mslsas40 | Arpita Bhoi | Kindling model of epilepsy: Limitations and advancements. | Dr. Jyoti Parkash |
| 27 | 20mslsas43 | Anureet Kaur | Effect of Bisphenol S, an endocrine disrupting chemical, on spermatogenesis in relation to metabolism. | Dr. Debarshi sarkar |
| 28 | 20mslsas45 | Neha | MiR-590-5p: A Double-edged sword in the Oncogenesis Process. | Prof. Aklank Jain |
| 29 | 20mslsas46 | Shivani Sharma | Advancement in SNP genotyping as diagnosis for Parkinson's disease. | Dr. Jyoti Parkash |