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DEVI AHILYA VISHWAVIDYALAYA, INDORE
SCHOOL OF BIOTECHNOLOGY

BIOTECHNOLOGY BUILDING
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M.Sc. Biotechnology Dissertation list (Batch 2018-20)

S. No.	Name of the Student	Thesis Title
1	Ms. Bindia	“Effect of celecoxib on TMT induced neurodegeneration: An In vivo Study”
2	Ms. Himani Tripathi	“Effects of PQQ on MCF-7 breast cancer cell line”
3	Ms. Anchala Pandey	“Effect of aspirin on TMT induced neurodegeneration: An In vivo Study”
4	Ms. Jahnavi Singh	“Effect of Mitochondrial Targeted Peptide on MDA-MB-231 breast cancer cell line”
5	Mr. Gajender Singh	“Effect of Melatonin on EtBr induced mitochondrial deleted MDA-MB 231 breast cancer cell line”
6	Mr. Shyamveer	“Effect of Sodium lactate on DHT induced pattern baldness to male mice”
7	Ms. Jahnavi Sharma	“Analyzing mitochondrial-induced epigenetic modifications and expression profile of mitochondrial genes following exposure to clostridium perfringens phospholipase C (CpPLC)”
8	Ms. Apurva Kanungo	“Molecular manipulation of Heme oxygenase gene from Plasmodium falciparum”
9	Mr. Hritvik Shukla	“Induction of DHT induced pattern baldness and effect of deprivation therapy TRIPTORELIN ACETATE”
10	Ms. Vrushali D. Patil	“Preliminary Study on the Anti-bacterial effect mediated by polyelectrolyte coated gold nanorods”
11	Ms. Shreya Kataria	“Effects of etoricoxib on TMT induced neurodegeneration: An in vivo study”



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M.Sc. Genetic Engineering Dissertation list (Batch 2018-20)

S.No.	Name of the Student	Thesis Title
1	Ms. Nisha Nateria	"Typing of bacteriophage isolated from sediment sample of ganga by using RAPD against multidrug resistant E. coli"
2	Ms. Aakruti Nayak	"Development of hormonal modulation based formulation of 17 β -estradiol for treatment of Androgenic Alopecia."
3	Ms. Barkha Muleva	"Molecular docking on CTLA-4 protein in renal cell carcinoma"
4	Ms. Mangla Kurariya	"Micropropagation studies in grand naine (G9) banana"
5	Ms. Kamakshi Parasai	A comparative study on immunoprotective effects of NANO encapsulated vitamins following exposure to carcinogenic polycyclic aromatic hydrocarbons
6	Ms. Shefali Jain	"Effect of endomethacin on TMT induced neurodegeneration : An In vivo study"
7	Ms. Saumya Nagariya	<i>In vitro</i> regeneration of wild orchid species "Cleisostoma tenuifolium and Eria mysorensis"
8	Ms. Akanksha Dubay	"Self-assembly properties of Pluronic ® □/Poloxamer 407 as a thermogel in formulation of a cellbased therapy system for diabetes management."
9	Ms. Goldi Namdev	"Diagnosis of leptospira in cattle and human samples by PCR method"
10	Mr. Somesh Mishra	"Role of Palmer anthropometry in fluid and solid tumors"
11	Ms. Tasneem Parvez	"Gold Nanoparticles – Folate mediated targeting of the Folate receptor for identification of cancerous cells in cytological smears"
12	Ms. Nivedita Tiwari	Studies on In vitro propagation in chrysanthemum plant tissue culture laboratory, division of horticulture



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M.Sc. Bioinformatics Dissertation list (Batch 2018-20)

S. No.	Name of the Student	Thesis Title
1	Mr. Pankaj Choudhary	“Role of Pro and Gly in protein structure and dynamics”
2	Mr. Antariksh Bhadoriya	“File handling and it’s implementation using C++”
3	Ms. Srishti Tiwari	“In silico approach for validation of drug target Proteins of Botrytis squamosa against Allium cepa”
4	Mr. Faizan Ahmed Hilal	“Exploring the histone module of the FACT complex”
5	Ms. Trapti Sharma	“Identification of Vaccine targets & Design of Vaccine against SARSCoV-2 Coronavirus using Computational and Deep learning-based approaches”
6	Ms. Aarushi Saraf	“Illuminating the Unique Features of Mycobacterium tuberculosis Proteins using Machine Learning”