

School of Biotechnology, DAVV, Indore

Dissertation List M.Sc. 2021

Programme name	List of students undertaking field projects /research projects / internships	Title
M.Sc. Biotechnology	Ms. Veenamrata Jain	“Effects of DPP-IV inhibitor drug sitagliptin on atherogenic diet induced metabolic defects”
M.Sc. Biotechnology	Ms. Shristi Dubey Patnaha	“Study on the anti-inflammatory potential of melatonin on rat air pouch model of inflammation”
M.Sc. Biotechnology	Ms. Kuhu Puranik	“Identification of potential therapeutic targets associated with breast cancer chemoresistance using Label-free Quantitative Proteomics”
M.Sc. Biotechnology	Ms. Shreya Tiwari	“Detection of deletional mutation gene of Alpha Thalassemia by molecular technique”
M.Sc. Biotechnology	Ms. Naina Chawla	“Effects of ZnO priming on drought tolerant variety of wheat”
M.Sc. Biotechnology	Mr. Tirthankar Dhar	“A molecular study of immune genes expression in WBCs of COVID-19 recovered patients”
M.Sc. Biotechnology	Ms. Purvi Singh Thakur	“Potential of DPP-IV inhibitor drug Vildagliptin on the animal model of pleiotropic metabolic defects”
M.Sc. Biotechnology	Ms. Deepa Ajar	“Effect of nanoprimering on drought sensitive wheat genotype (HI-1634)”
M.Sc. Biotechnology	Mr. Vikas Gangwar	“Study on the anti-inflammatory potential of DPP-IV inhibitor drug vildagliptin on rat air pouch model of inflammation”
M.Sc. Biotechnology	Ms. Nisha	“Effects of linagliptin, a DPP- IV inhibitor drug on the model of atherogenic- diet induced multifaceted metabolic disorder”
M.Sc. Biotechnology	Mr. Vaibhav Singh	“Yeast community of Habenaria longicorniculata and assessment of their osmotolerance potential”
M.Sc. Biotechnology	Mr. Kishan Khandelwal	“Effects of Sitagliptin, a dipeptidyl pepidase inhibitor drug on acute inflammation using rat air pouch model”

M.Sc. Biotechnology	Ms. Khushboo Yadav	"Whether ER-/PR+/HER2+andER-/PR+/HER2- groups are clinically distinct entity? and early detection of Breast Cancer"
M.Sc. Biotechnology	Ms. Bhumika Jalutharia	"Exploration of DPP-IV inhibitor linagliptin for potential antiinflammatory effects on rat air pouch model of Inflammation"
M.Sc. Biotechnology	Ms. Twinkle Gupta	"Potential of specific COX-II inhibitor drug etoricoxib on animal model of TMT induced neurodegeneration"
M.Sc. Genetic Engineerin	Mr. Ankit Ukey	"Production of bio-plastic from cellulose biomass of coconut husk"
M.Sc. Genetic Engineerin	Mr. Ravi Morya	"Chemical synthesis and comparative studies of toxicity of different nanoparticles towards cancer"
M.Sc. Genetic Engineerin	Mr. Abhishek	"Standardization of in vitro regeneration protocol for soybean"
M.Sc. Genetic Engineerin	Ms. Shivani Kanthiya	"Pre-treatment of seeds with static magnetic field improves germination and early growth characteristics under water stress in drought sensitive wheat"
M.Sc. Genetic Engineerin	Ms. Pragya Namdev	"Screening and isolation of chitinase producing microbes"
M.Sc. Genetic Engineerin	Ms. Priya Patidar	"Effect of Static Magnetic field pre-treatment on growth, performance and yield of wheat under water stress"
M.Sc. Genetic Engineerin	Ms. Vaishnavi Jadhav	"Antibacterial and antifungal activities of Anacyclus pyrethrum, Zingiber officinale and Trachyspermum ammi"
M.Sc. Genetic Engineerin	Ms. Prerna Rathod	"Isolation & screening of cellulolytic microbe(s) from soil & water"
M.Sc. Genetic Engineerin	Ms. Shalu Jaiswal	"Antibacterial and antifungal activities of Citrus limon, Mentha piperita L. and Tinospora cordifolia"
M.Sc. Genetic Engineerin	Mr. Govind Patidar	"Effect of celecoxib on combined metabolic disorder using CCT diet model of rat"
M.Sc. Genetic Engineerin	Mr. Alok Dubey	"Effects of the combined treatment of β -catenin promoter Spondin R2 and stabilizer valproic acid on DHT induced pattern baldness to male mice"

M.Sc. Genetic Engineerin	Ms. Nikita Rawat	"Ameliorating effects of PQQ on atherogenic diet induced multifaceted metabolic disorder"
M.Sc. Genetic Engineerin	Ms. Anjali Chittora	"Analysis of the ions and plant growth regulators in recretohalophyte Aeluropus lagopoides during abiotic stress"
M.Sc. Genetic Engineerin	Ms. Suvidha Mishra	"Effect of drought stress on pulse magnetic field treated wheat genotypes"
M.Sc. Genetic Engineerin	Ms. Harshu Shrivastava	"Screening of doxycycline resistance bacteria and antibacterial effect of gymnosperm (Cupressus sempervirens) against bacteria"
M.Sc. Genetic Engineerin	Ms. Shrasti Trivedi	"Role of Probiotic against Urinary Tract infectious bacteria causing several diseases related to vaginal health"
M.Sc. Genetic Engineerin	Mr. Yash Dasadia	"Effects of PQQ on the animal model of TMT-induced Neurodegeneration"
M.Sc. Genetic Engineerin	Mr. Nitin Singh	"Effect of lactic acid on DHT Induced male pattern baldness: an in vivo study"
M.Sc. Genetic Engineerin	Mr. Palak Jain	"Production and packaging of adeno-associated virus for viral mediated gene delivery system"
M.Sc. Genetic Engineerin	Ms. Palak Sharma	"Effects of COX-2 inhibitor drug etoricoxib on atherogenic diet induced multifaceted metabolic defects"
M.Sc. Bioinformatics	Ms. Madhuri Prajapat	"Evaluating importance of sequence and structure-based features in predicting stability using Machine Learning"
M.Sc. Bioinformatics	Ms. Renu Chouhan	"Study on the binding of Spt16N, to histones using Docking"
M.Sc. Bioinformatics	Ms. Sonali Patidar	"Writing a Python script for calculating conservation scores for a multiple sequence alignment"
M.Sc. Bioinformatics	Mr. Mayank Dwivedi	"In silico riboswitch based drug design of streptococcus toxic shock syndrome"
M.Sc. Bioinformatics	Ms. Prachi Mishra	"Genome and transcriptome wide exploration of medicinally important plant cannabis sativa"