

DEVI AHILYA VISHWAVIDYALAYA, INDORE
SCHOOL OF BIOTECHNOLOGY

Dissertation List

M.Sc. Biotechnology 2022

S. No.	Name of Student	Supervisor	Place and Address of the Institute, where dissertation carried out.	Title
1.	Amit Kothari	Dr. Vidyashankar Srivatsan	CSIR- Indian Himalayan Bioresource Technology, Palampur, Himachal Pradesh, India.	Process optimization for extraction, purification, and stabilization of c-phycoyanin from arthospira platensis (spirulina) for downstream processing
2.	Arwa Hussain	Dr Ravindra Makde	Raja Raman centre of advanced technology, Indore	Cloning, expression and purification of small proteins from deinococcus radiodurans
3.	Astha Soni	Dr. Vaibhav A. Mantri	CSIR-CSMCRI Bhavnagar, Gujarat	Biochemical characterization of bacterial flora associated with the red alga gracilaria dura
4.	Bharat Gurnani	Dr. Karthikgeyan Dhanasekaran	Regional Centre for Biotechnology, Faridabad	CRISPR/Cas9 nickase as a tool to induce single stranded break.
5.	Bhumika Patidar	Dr. Manoj Kumar Srivastava principal scientist (plant biochemistry)	ICAR - Indian Institute of Soybean Research, Khandwa road indore	Biochemical characterization of black soybean varieties
6.	Bittu Meghwal	Dr. D. Somashekar (Principle scientist)	Microbiology & Fermentation technology department , CSIR-CFTRI MYSURU KARNATAKA.	"Studies on the chemical parameters of dosa batter during storage"

7.	Harshita Singad	Dr. G. K. Satpute	ICAR-Indian Institute of Soybean Research Centre Khandwa Road Indore MP	Characterization of RILs population related for drought tolerance traits in soybean
8.	Monika Paraste	Dr. Anita Rani	ICAR IISR Indore	Screening of advanced breeding lines of soybean for absence of Kunitz trypsin inhibitor polypeptide.
9.	Muskan Roshan	Dr. Vineet Kumar sir	(Indian Institute of Soybean Research (ICAR-IISR)Khandwaroad Indore, 452001	Evaluation of soybean genotypes for protein content
10.	Raksha Solanki	Dr. Gyanesh Kumar Satpute	ICAR-Indian Institute of Soybean Research	Evaluation of advance breeding lines for drought tolerance traits in soybean
11.	Ritika Mathur	Dr. Hem Chandra Jha	IIT Indore	Plant-derived active compounds as a potential inhibitor of RAB5B GTPase: an <i>in-silico</i> study
12.	Riya Sharma	Dr Sonu Gandhi, Scientist D, NIAB, Hyderabad	DBT-National Institute of Animal Biotechnology (NIAB), Opp. Journalist Colony, Extended Q city road, Gachibowli, Hyderabad-500032, Telangana, India.	Chemical modification, bioconjugation & characterization of the organochlorine pesticide - endosulfan
13.	Riya Singh	Dr.Gaurav Raj Dwivedi	ICMR RMRC Gorakhpur,BRD Medical College Campus, Gorakhpur, Uttar Pradesh	Drug resistance in E.coli
14.	Saloni Sagar	Dr. Ravindra Makde	Raja Ramanna Centre for Advanced Technology, Indore 452013	“Characterization and purification of procerain A and B from calotropis procera and <i>in-vitro</i> expression of Mpro-3C1”

15.	Sanket Bhagat	Dr. Hamendra Singh Parmar	School of biotechnology Davv, Indore	“Evaluation of anti-inflammatory potential of linagliptin on rat air pouch model”: An <i>in-vivo</i> study
16.	Sonam Satankar	Dr. Hamendra Singh Parmar	School of biotechnology DAVV	The effect of DPP-4 inhibitor drug sitagliptin on rat air pouch model of inflammation
17.	Soumyata Pathak	Dr. Sweta Singh	Institute of Nuclear Medicine and allied Science (INMAS, DRDO) - BRIG. S.K. MAZUMDAR MARG, TIMARPUR (DELHI)	In vitro and In vivo evaluation studies of composite hydrogel in healing of diabetic and burn wounds
18.	Swati Shukla	Dr. Sandeep Goel	National Institute of Animal Biotechnology. NIAB Road, Opp Journalist Colony, Near Gowlidoddy Extended, Wipro Cir, Gachibowli, Hyderabad, Telangana 500032.	Culture characteristics and expression profile of adipose tissue derived mesenchymal stem cells cultured under hypoxic condition.

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M.Sc. Genetic Engineering 2022

S. No.	Name of Student	Supervisor	Place and Address of the Institute, where dissertation carried out.	Title
1.	Abhijeet Pathak	Dr. Roopavathi C.	CSIR-CFTRI, Mysore	Cloning and expression of fructosyltransferase from aspergillus oryzae CFR 202 in P. pastoris
2.	Aditi Raj	Dr. Hamendra Singh Parmar	School of Biotechnology, Devi Ahilya Vishwavidyalaya, Indore	Study on the combined effects of valproic acid and L-lactate on dihydrotestosterone induce pattern baldness in male mice..
3.	Anam Khan	Dr. Hamendra Singh Parmar	School of biotechnology, Takshila campus, DAVV, Khandwa road, Indore(M.P.)	An in vivo study on the protective effects of the drug linagliptin on TMT-induced neurodegeneration
4.	Anukul Verma	Dr. Anjana Jajoo	School of Biotechnology, Davv, Indore	Effect of organic pesticide formulated by waste decomposer solution on tomato and capsicum
5.	Avani Bansal	Dr. Rashmi Shrivastava	Raja Rammana Centre for Advance Technology and Parmanu Nagar, Sahkar Nagar Extension, 1, CAT Rd, Rajendra Nagar, Indore, Madhya Pradesh 452013	Effect of simvastatin on insulin secretion in MIN6 cells
6.	Garima Chouhan	Dr.Hamendra Singh Parmar	School of biotechnology, DAVV Indore	Role of valproic acid in hair regrowth during androgenetic alopecia.

7.	Jinisha Patidar	Jayshree Sukhwani	Social Forestry Circle M.P Forest Department Indore.	Micropropagation of Bambusa tulda
8.	Jyoti Kag	Dr. Hamendra Singh Parmar	Devi Ahilya Vishwavidyalay, Indore	Study on the antidiabetic potential of magnetoprimed soybean seeds of NRC1270 on streptozotocin induced diabetes mellitus to mice
9.	Jyoti Jadhav	Dr. Hamendra Singh Parmar	Devi Ahilya Vishwavidyalay, Indore	Effect of magnato-primed JS-2098 soybean variety on streptozotocin induced type 2 diabetes mellitus female mice model
10.	Kamini Patidar	Dr. Giriraj Kumawat	ICAR-Indian Institute of Soybean research	Phenotyping of GWAS panel and gene expression analysis for root traits in soybean
11.	Kirti Sawle	Dr. Hamendra Singh Parmar	School of Biotechnology, DAVV, Takshashila Campus, Indore	Effect of L- lactate treatment in dihydroxytestosterone induced pattern baldness in male mice
12.	Pallavi Thakur	Dr. Hamendra Singh Parmar	Devi ahilya Vishwa vidyalaya , indore	Study on the effects of vildagliptin on animal model of trimethyltin induced neurodegeneration
13.	Ruchi Verma	Dr. Hamendra Singh Parmar	Devi ahilya Vishwa vidyalaya , indore	Effect of DPP-4 inhibitor drug sitagliptin on trimethyltin induced neurodegeneration: an <i>in-vivo</i> study.
14.	Shailendra Vikram Singh	Dr. Hamendra Singh Parmar	Devi ahilya Vishwa vidyalaya , indore	Effect of vildagliptin on inflammation using rat air pouch model
15.	Shiva Yadav	Shri Aniket Chowdhury	Raja Ramanna Centre for Advanced Technology, Indore	Raman spectroscopic investigations on the malarial pigment "hemozoin"
16.	Vaishali Sharma	Jayashree Sukhwani	M.P. Forest Department (Tissue Culture Lab) Near IT park Indore	Micropropagation of Bambusa balcooa

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Dissertation List

M.Sc. Bioinformatics 2022

S. No.	Name of Student	Supervisor	Place and Address of the Institute, where dissertation carried out.	Title
1.	Akanksha Mishra	Dr. Rahul M Shrivastava	Department of Biological Science and Engineering MANIT, BHOPAL	Metabolomic insights into plant-derived cyclolinopeptides as natural therapeutics for stress management: an <i>in-silico</i> approach
2.	Akash Gour	Mr. Harit Kasana Scientist Grade II	Vaccine & Antisera laboratory NIB, NOIDA	Testing of total protein content & protein adsorption by spectrophotometric method in inactivated SARS-CoV-2 vaccine
3.	Akshara Malviya	Ms. Poonam Tejwani	Devi Ahilya Vishwavidyalaya, Indore	TODO LIST
4.	Aman Patel	Dr. Venuka goyal	Devi Ahilya Vishwavidyalaya, Indore	<i>In-silico</i> structural modelling and validation of the C-terminal domain of dystrophin protein
5.	Anjali Raghuwanshi	Dr. Venuka Goyal	Devi Ahilya Vishwavidyalaya, Indore	The effects of different mutation in transthyretin protein in the form of transthyretin amyloidosis
6.	Aratrika Mukherjee	Dr. Biplab Ghosh, PhD Scientific Officer(G)	Raja Ramanna Centre for Advanced Technology (RRCAT) Indore	"Does Amino acid composition plays a role in Protein Crystallization"

7.	Chailcy Rajput	Dr. Hari Bhan Singh	ICMR & OMD AGRA	<i>In silico</i> comparative genome based prediction of antibiotic resistance in mycobacterium tuberculosis strains
8.	Manoj Akkal	Dr.Venuka Goyal	school of biotechnology DAVV indore	Comprehensive discover of amyloid-beta protein
9.	Mohit Mohnani	Dr. Ravindra D. Makde, PhD ScientificOfficer(G)	Raja Ramanna Centre for Advanced Technology (RRCAT) Indore	Profiles of isoelectric points of proteomes of model organisms
10.	Nikita Singh	Poonam Tejwani	School of Biotechnology, DAVV UNIVERSITY	Web scraping of coronavirus data
11.	Rutvi Rajpara	Mr. Sarwar Azam, Scientist-C	National Institute of Animal Biotechnology, NIAB, Hyderabad	“Identification of non-reference novel sequences (NRNS) in cattle using next generation sequencing”
12.	Sandeep More	Dr. Venuka Goyal	School of Biotechnology DAVV - INDORE	Python programming to study prion protein homologs
13.	Umesh Gamad	Dr. Usha Chouhan	MANIT Bhopal	Metagenomics analysis of soybean endospheric microbiome to reveal signatures of microbes for healthy and disease
14.	Yashi Gautam	Dr. Milind B. Ratnaparkhe	ICAR-Indian Institute of Soybean Research Khandwa Road, Indore.	Identification and evolutionary studies of SWEET gene family in soybean and related plant species