



## List of Ph.D. Scholars

### VTU Research Centre : Department of Biotechnology

Sl. No.	Name of the Candidates	USN	Name of the supervisor/s	Year of registration	Title of the thesis	Status
1	Akshatha M D	1RV11PGM03	Nagashree N Rao	2013	<i>In vitro</i> micro-propagation and characterization of bioactive metabolites in <i>Colocasia esculenta</i>	Awarded (2021)
2	Tanusree Chaudhari	1RV16PGJ01	A H Manjunatha Reddy	2015	Identification of Novel targets for tuberculosis and other associated diseases through the network based model	Awarded (2021)
3	Smita Kavadikeri	1RV15PGJ05	A H Manjunatha Reddy	2015	Isolation culturing and application of diatoms for sustainable development	Awarded (2021)
4	Akshatha Prasanna	6RV13BBI01	Vidya Niranjana	2013	Development of a tool for pathogen detection using Integrated multi omics approach	Awarded (2022)
5	Padmavathi P	6RV13BBI11	Vidya Niranjana	2015	Analysis of cancer exomes with decision support system	Awarded (2022)
6	Pooja Ramesh	6RV13BBI12	Vidya Niranjana	2015	Identification of mechanism of esophageal cancer using proteo genomic approach	Awarded (2023)
7	Lakshmi Bharathi S	6RV18MBT02	Vidya Niranjana	2018	Assessment of SNP variations in silk worm( <i>Bombyx mori L</i> ) by genotyping by Sequencing and genome-wide association mapping of important commercial traits	Awarded (2024)
8	Chaitra	1RV18MBT03	Vidya Niranjana	2018	Discovery of QTL in traits related to yield potential and droughts in mulberry	Awarded (2024)
9	Sinsha P S	6RV18MBT01	Vidya Niranjana	2018	Development of distinct SNP genotypic array for Association mapping of Germplasm and bi-parental population in Mulberry	Awarded (2024)
10	Priyanka R	1RV18PBT03	A H Manjunatha Reddy	2018	A study of synergistic effect of extract and essential oils of Curcuma sp an antagonist to cancer	Awarded (2025)



11	Guttu Rudrappa	1RV17PGA02	Vidya Niranjana	2017	Identification of molecular signaling pathways of inulin like growth factors-1 (GF-1)	Ongoing
12	Mahadevi Narasanagi	1RV17PGS01	Lingayya Hiremath	2017	Development of novel photo bioreactor for extraction of valuable products from <i>seenedesmus dimorphs</i> microalgae	Ongoing
14	Rekha P Chinnikatti	1RV18PBT01	Neeta Shiva Kumar	2018	Micro propagation and in vitro conservation of <i>Annona reticulata</i>	Ongoing
15	Rakesh P	1RV18PBT02	Neeta Shivakumar	2018	Management of Oomycetes disease in tomato and grapes crops by microbial secondary metabolites	Ongoing
16	Nalina N	1RV19PBT02	A H Manjunatha Reddy	2019	Biosynthesis of silver nanoparticles (AgNPs) from the phytoextracts of Lamiaceae species and their characterization for the potential therapeutic activity	Ongoing
17	Nalina D	1RV19PBT03	A H Manjunatha Reddy	2019	Characterization and biological evaluation of phytocompounds produced from <i>Gumma sylvestre</i> R Br. through adventitious root culture	Ongoing
18	Prathima D S	1RV20PBT04	A H Manjunatha Reddy	2020	Micro biome study of potential species having nutraceutical value	Ongoing
19	Anagha S Setlur	1RV20PBT01	Vidya Niranjana	2021	Proteogenomic studies on <i>Aedes aegypti</i> and human safety profiles	Ongoing
20	Gopal H R	1RV20PBT02	Nagashree N Rao	2021	Biotechnological Interventions to augment the Major Bioactive compounds in <i>Desmodium gangeticum</i> for their sustenance through bio priming	Ongoing
21	Kauser Banu	1RV20PBT03	Raju H	2022	Development of molecular and aptameric based detection platform for severe Acute Respiratory Syndrome Coronavirus-2 (SARS CoV-2)	Ongoing



22	Bhavana V	1RV18PBT04	Nagashree N Rao	2023	Evaluation of cytotoxic properties of translation inhibitors to target cells with defective RNA modifications and investigations of possible molecular mechanisms	Ongoing
23	Manohar Raju V	1RV18PBT05	Ashwani Sharma	2023	development of an electrochemical Biosensor for the rapid Detection of <i>Bacillus</i> species	Ongoing
24	Chandrashekar K	1RV21PBT01	Vidya Niranjana	2023	Comprehensive analysis of colorectal cancer exomes with incorporation of AIML models for early prediction	Ongoing
25	Lavanya C	1RV21PBT02	Vidya Niranjana	2023	Identification of novel microbes that behave as bio pesticides and bio fertilizers and improve soil health	Ongoing
26	Pooja S	1RV21PBT03	Vidya Niranjana	2023	Integrative functional profiling analysis for neonate probiotics	Ongoing
27	Sneha Sunil Kagale	1RV21PBT04	A V Narayan	2023	Studies on the production and formulation of Organic liquid fertilizer with its applications for sustainable agriculture	Ongoing
28	Akshay Uttarkar	1RV22PBT01	Vidya Niranjana	2024	Quantum computing enabled study of protein folding and disorder	Ongoing
29	Anusha S	1RV22PBT02	Nagashree N Rao, Ashwani Sharma (Co-Guide)	2024	Design and development of advanced phytofiber filter mat for water treatment	Ongoing
30	Shreya Satyanarayana Bhat	6RV22MBT01	Vidya Niranjana/Trilokchandran B (Co Guide)	2024	Design of novel biomarkers for <a href="#">Alzheimers</a> disease using multiomics and machine learning approaches	Ongoing
31	Spoorthi R Kulkarni (Ms Research)	6RV22MBT02	Vidya Niranjana	2024	Predicting the likelihood of developing long covid (post -acute sequelae of SARS-CoV-2 infection PASC) in the Indian population	Ongoing
32	Pooja H V	6RV22MBT03	Vidya Niranjana Sumathra M	2024	Screening of DUSP Modulators to Decipher Cellular Signaling Dynamics for Therapeutic Insights.	Ongoing
33	Manjunath B S	1RV23PBT01	Raju H	2024	Synthesis, Characterization and biological evaluation of monodispersed Fibroin for biomedical applications	Ongoing



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34	Shreya Girish Karkera	1RV23PBT02	A H Manjunatha Reddy	2024	Design and Development of algorithm for prediction of lifestyle disorders: Cardiovascular and psychological diseases using machine learning	Ongoing
35	Manjula J	1RV23PBT03	A H Manjunatha Reddy	2024	Innovation applications of diatoms in biotechnology	Ongoing
36	Divyashree B L	1RV23PBT04	Raju H	2024	Development of diagnostic tools and therapeutic high values of pharmaceutical compounds for multidrug resistant microorganisms in diabetic foot Ulcers	Ongoing
37	Susanna NV	1RV25BT	A H Manjunatha Reddy	2025	Formulation, optimization and quality evaluation of plant based protein chunks	Ongoing