

PhD Awardee List of the Department (2014 onwards)

Name of the PhD scholar	Name of the guide/s	Title of the thesis	Year of award of PhD
1. Chandan, S	Prof. S Umesha	Molecular diagnosis of <i>Leptospira</i> and its management	2014
2. Chandrashekar, S	Prof. S Umesha	Biochemical and Molecular studies on <i>Xanthomonas axonopodis</i> pv. <i>vesicatoria</i> pathogenesis in Tomato	2014
3. Ruma Karmakar	Prof. H.S. Prakash	Diversity and bioactive potential of endophytes from selected species of Clusiaceae family	2014
4. Hadi Ghaffari	Prof. H.S. Prakash	<i>In vitro</i> and <i>in vivo</i> evaluation of pharmacological potential of selected Lamiaceae plant species	2014
5. Archana, B.	Prof. H.S. Prakash	Phylogenetic analysis of <i>Bipolaris oryzae</i> , host-pathogen interactions and elicitor mediated management of Brown spot of Rice	2014
6. Sampath Kumara, K.K.	Prof. H.S. Prakash	Authentication and bioactive potential of herbaceous <i>Phyllanthus</i> species in Karnataka	2014
7. Divakara S. T.	Prof. S. R. Niranjana	Molecular characterization of mycotoxigenic fungi and its biological management in sorghum	2014
8. Naveen J.	Prof. S. R. Niranjana	Molecular approaches to understand <i>Colletotrichum capsici</i> chilli interaction and its management	2014
9. Nishanth .B.N	Prof. Bharathi P Salimath	Production of monoclonal antibodies and construction of single chain variable fragment for a novel proangiogenic protein	2014
10. Behrouz Jalali Ghassam	Prof. K Ramachandra Kini	Evaluation of pharmacological potential from selected plants of Solanaceae family	2015
11. Roohie, K.R.	Prof. S Umesha	Host pathogen interaction and management of black rot disease in cabbage	2015
12. Shruthi Dasgupta	Dr. S. Lokesh	Molecular evaluation of Leptin (LEP) and Leptin Receptor (LEPR) gene for its association with obesity in an Indian population	2015
13. Chethan J	Prof. H.S. Prakash	Bioactive potential of selected Asteraceae plants and their endophytes	2015
14. Sunayana, N.	Prof. H.S. Prakash	Isolation and characterization of bioactive compounds with special reference to anti-inflammatory properties from selected medicinal plants and their endophytes	2015

15. Girijamba R.	Prof. S. R. Niranjana	Screening of Bioactive compounds form medicinal plants against sunflower downy mildew disease.	2015
16. Navya H. M.	Prof. S. R. Niranjana	Biological control and molecular characterization of mycotoxigenic fungi in groundnut	2015
17. Mohammed Aiyaz	Prof. S. R. Niranjana	Molecular characterization of mycotoxigenic fungi infesting maize and their biological control	2015
18. Prasanna Kumar S. P.	Prof. S. R. Niranjana	Studies on microbial diversity of western Ghats	2016
19. Melvin Prasad	Prof. K Ramachandra Kini	Role of Mitogen Activated Protein Kinases in Pearl Millet Defense against Downy Mildew	2016
20. Majid Bagh Nazari	Dr. Geetha N.	Development of micropropagation system for <i>Salacia chinensis</i> and anti-diabetic properties of <i>in vitro</i> regenerants	2016
21. Rohini	Prof. S. R. Niranjana	Molecular studies on host pathogen interaction in leaf blight and fruit rot pathogenesis in brinjal	2016
22. Veena M	Prof. K Ramachandra Kini	Identification and Characterization of Genes linked to Downy Mildew Resistance in Pearl Millet	2016
23. Shirin Marahel	Prof. S Umesha	Phytochemical and Pharmacological Screening of <i>Pachygone ovata</i>	2016
24. Anup Chandra Pal	Prof. K Ramachandra Kini	Analysis of Pearl Millet Downy Mildew Host-Pathogen Interaction through Proteomic Approach	2016
25. Shilpa P.	Prof. Bharathi P Salimath	Epithelial to mesenchymal transition in cancer metastasis as a target for cancer therapy using natural compounds	2016
26. Mamatha Bhanu LS	Prof. Aparna H S	Glycoproteomic analysis of Glycoconjugate from Buffalo (<i>Bubalus bubalis</i>) colostrum	2017
27. Avinash, P.	Prof. S Umesha	Development of Molecular Diagnostics in pepper and its management	2017
28. Preethi, S. D.	Dr. S. Lokesh	Synthesis and Characterization of novel bioactive quinazoline derivatives as anticancer agents	2017
29. Nandini B.	Dr. Geetha N.	Profiling of <i>Trichoderma</i> Elicitors Inducing Downy Mildew Resistance in Pearl Millet	2017

30. Bharathi, T.R.	Prof. H.S. Prakash	Characterization and bioactive potential of <i>Memecylon</i> species	2017
31. Gowtham H. G.	Prof. S. R. Niranjana	Management of vegetable disease in North Eastern region of India	2017
32. Brijesha N	Prof. Aparna H S	Proteoglycomic analysis of fat globule membrane glycoconjugates from Buffalo (<i>Bubalus bubalis</i>) colostrum	2018
33. Rashmi K C	Prof. Aparna H S	Structural characterization and molecular mechanism of action of Pyrrole derivative from <i>Tinospora cordifolia</i>	2018
34. Chandrasekhar, B.	Prof. S Umesha	Comparative proteomic analysis of bacterial wilt susceptible and resistant chilli cultivars	2018
35. Shiva Kumar, J.	Prof. S Umesha	Role of quorum sensing molecules in plant pathogenic bacteria	2018
36. Manu Kumar, H M	Prof. S Umesha	Molecular Characterization of Food-borne <i>Staphylococcus aureus</i> and Designing of novel anti-biofilm material for food packaging	2018
37. Sri Raghava	Prof. S Umesha	Development of Molecular Diagnostic Techniques for the detection of <i>Brucella</i> sp. and its Management	2018
38. Roopa G.	Dr. Geetha N.	Isolation and Characterization of Bioactive Compounds from <i>Salacia</i> species of Western Ghats and its Endophytes	2018
39. Sunil Kumar C. R.	Dr. Geetha N.	Exploration of Rhizospheric Bacteria for Bioremediation Potential of Heavy Metals from Agricultural Lands of Karnataka	2018
40. Swati Kujur	Dr. Geetha N.	Screening and Characterization of <i>Ficus</i> species for Hepatoprotective Potential	2019
41. Yashaswini Balaraju	Prof. Bharathi P Salimath	Development of Immunoliposomes based drug delivery system using a combination of scFv-Flt-1, TRAIL and a natural compound from <i>Tinospora cordifolia</i> for Cancer Therapy	2018
42. Harsha Raj M.	Prof. Bharathi P Salimath	Targeting tumors for apoptosis using a combination of scFv-sTie-2, TRAIL and Anacardic acid	2018
43. Vinaya Rani, G.	Prof. H.S. Prakash	Biological control of rhizome rot and leaf blight diseases of Turmeric	2019
44. Shobha, M.	Prof. H.S. Prakash	Diversity and biological activity of root endophytes of medicinal plants	2019

45. Brijesh Singh S.	Prof. S. R. Niranjana	Mechanism involved in 1-aminocyclopropane-1-carboxylic acid – deaminase production rhizobacteria mediated suppression of abiotic stress in sunflower	2019
46. Shrisha Naik Bajpe	Prof. K Ramachandra Kini	Genetic and Metabolic profiling of <i>Salacia</i> and <i>Embelia</i> species	2020
47. Rajini S.B	Prof. H. S. Prakash	Plant growth promotion and disease management of sorghum using botanicals and biocontrol agents	2020
48. Rabiya Bi	Dr. S. Lokesh	Development of genomic resources for genetic studies in legumes through comparative genomics	2020
49. Ashok N.R.	Prof. H S. Aparna	Characterization of Bioactive peptides from Buffalo (<i>Bubalis bubalis</i>) Colostrum	2020
50. Samudyata C. Prabhuswamimath	Prof. Bharathi p Salimath	Identification of signal transduction pathways in anticancer activity of novel synthetic derivatives of phodophyllotoxin	2020
51. Kavitha R.	Prof. Bharathi p Salimath	Signalling pathways in tumour invasion and metastasis as targets for identification of antimetastatic drugs for cancer	2020
52. Hamzah Jumah Essa Barkah	Dr. S. Lokesh	Bioactive compounds of angiospermic ehiphytes for the management of some seed-borne fungal pathogens of crop plants	2021