

CURRICULUM VITAE

Divyashree

Scientist-B

CSB-CMERTI, Lahdoigarh

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Academic Qualification

#	PhD.
1	<p>Thesis Doctoral</p> <ul style="list-style-type: none">• Advisor: Dr. Lalit Mahatma, Professor, Dept. of Plant Pathology, NAU, NMCA, Navsari, Gujarat• Thesis title: “Isolation, Characterization Of Chitosan From Different Fungal Source And Evaluation Of Antifungal Activities Of Purified Chitosan Against <i>Sclerotium rolfsii</i> Sacc.” <p>Thesis Masters</p> <ul style="list-style-type: none">• Advisor: Dr. C. P. Manjula, Professor, Dept. of Plant Pathology, UAS (B), GKVK• Thesis title: “Distribution of <i>Alternaria</i> species in sunflower, their host range and management.” <p>Knowledge & Research experience gained as a research student</p> <ul style="list-style-type: none">• Experience on Molecular Biology techniques like PCR, Gel electrophoresis, RT PCR, Cloning and use of different bioinformatics software tools.• Bioinformatics, tools like Bioedit, Mega, PAST, BLAST Analysis, Conserved DNA database.• Performing Population Genetics study through haplotype network and Analysis of Molecular variances by using different bioinformatics tools Arlequin, PopAR, PEGAS

#	Degree	Board/University	Institution	Year of Passing	%/Grade
1	Ph.D (Agri) Plant Pathology	Navsari agricultural University	NMCA, Gujarat	2025	8.89
1	M.Sc.(Agri.) Plant Pathology	University of Agricultural Sciences, Bangalore	College of agriculture, GKVK, Bangalore	2022	9.10
2	B.Sc. Agriculture	University of Agricultural Sciences, Bangalore	CoA, V. C. Farm Mandya. UAS(B)	2020	8.56
3	+12	Department of pre education university Bangalore.	Govt MGPU College Kunigal	2016	93.00
4	10 th	Karnataka secondary education examination board, Bangalore	Mahatma Gandhi Govt. Junior college ,Kunigal.	2014	87.68

Awards and honors

#	Year	Award/Prize/Appreciation	Awarding agency
1	2024	Best poster Award (Indian Phytopathological Society, New Delhi)	ICAR-Indian Institute of Sugarcane Research (IISR), Lucknow, U.P., India
2	2024	Best poster Award (Indian Phytopathological Society, New	ICAR-Indian Institute of Sugarcane

		Delhi)	Research (IISR), Lucknow, U.P., India
3	2024	Best poster Award (Indian Phytopathological Society, New Delhi)	ICAR-Indian Institute of Sugarcane Research (IISR), Lucknow, U.P., India
4	2023	P V Verma MSc Student Award	Indian Society of Mycology and Plant Pathology RCA, MPUAT, Udaipur, Rajasthan, India And Anand Agricultural University, Anand, Gujarat, India
5	2023	Senior research fellowship	ICAR
6	2023	ASRB NET	ICAR, New Delhi
7	2023	UGC NET	UGC
8	2023	Best poster in international conference on vegetable oils	ICAR-Indian Society of Oil Seed
9	2023	Best Oral Presentation Award	SAAST, CSJM University Kanpur & Agri Meet Foundation through Hybrid Mode
10	2023	Excellence in Research Award	TMA PAI, International convention centre Mangalore, Karnataka
11	2018	Nation service scheme	CoA, V. C. Farm Mandya. UAS(B)

Research Accomplishments

#	Year	Research Article/ Disease Note/ New Disease Report	Authors	Publisher	Impact factor/ NAAS rating
1	2024	Morphological and Cultural Characterization of <i>Sclerotium rolfsii</i> Sacc. on Chickpea and Its Management Using Combined Fungicide Molecules	Divyashree , Manjula, C.P., Anandakumar, J., Punith, G., Anusree, K., Harish, J. and Lakshmeesha	<i>Journal of Scientific Research and Reports</i>	NAAS -5.1
2	2024	Host Range Studies of <i>Alternaria</i> Species on Sunflower and Efficacy Studies of Fungicides Against <i>A. Alternata</i> Under Both in-Vitro and in-Vivo Conditions	Divyashree , Manjula, C.P. J. Rahul, K., Harish	AATCC Review	NAAS- 6.00
3	2024	Population frequency distribution and introgression of <i>Alternaria</i> species causing leaf blight of sunflower, India.	Divya shree , Manjula, C.P., Kumar, M.P., Palanna, K.B., Harish, J. and Kumar, P.V.D.,	<i>Physiological and Molecular Plant Pathology</i>	IF- 2.8 & NAAS- 8.8
4	2024	Studies on the characterization, physiology and transmission of <i>Botryotinia ricini</i> (Godfrey) whetzel causes grey mould of castor. Int. J. Adv. Biochem. Res.2024;8(7S):27-37.	C. P Manjula, B Prathibha, Yamanura, Divyashree , KB Palanna and G Punith.	International Journal of Advance Biochemical Research	NAAS-5.29
5	2024	Comprehensive investigation into pathogenicity, cultural characteristics, germplasm resistance and management strategies <i>Macrophomina phaseolina</i> causing castor root rot	C. P Manjula, Sangeeta A.G, Yamanura, Divyashree , G Punith, Sushmita, Harish J, Lakshmeesha R.	International Journal of Research Agronomy	NAAS-5.30

Review Articles

#	Year	Review article	Authors	Publisher	Impact factor/ NAAS rating
1	2024	“Enhancing Crop Saline Stress Tolerance and Soil Remediation With Phytobeneficial Bacteria: Diverse Approaches for Improvement”. Asian Journal of Soil Science and Plant Nutrition 10 (2):539-58 https://doi.org/10.9734/ajsspn/2024/v10i2312	Divyashree, A. Deepasree, T. L. Shivananda, and Fidha Husna K.	Asian Journal of Soil Science and Plant Nutrition	NAAS-5.06
2	2024	Utilizing biochar as a soil management technique for the mitigation of plant diseases: A comprehensive review. Int. J. Adv. Biochem. Res. 2024;8(8):1228-1236. https://doi.org/10.33545/26174693.2024.v8.i8p.1976	Divya Shree, A Deepasree, Jayashree Anandakumar, Fidha Husna K and K Anusree.	International Journal of Advance Biochemical Research	NAAS-5.29
3	2024	Endophytic microorganisms: Their crucial role in plant health and pathogen defense. DOI: 10.33545/26174693.2024.v8.i8p.2032	Divya Shree , Padsala Jaykumar Jagdishbhai, Hirani Dipali Dineshkumar and Manavadria Twinkle Dipakkumar	International Journal of Advance Biochemical Research	NAAS-5.29
4	2024	Advancements in soil health and disease management through organic amendments https://doi.org/10.33545/2618060X.2024.v7.i8i.1400	Divya Shree, A Deepasree, Jeslin Jose, Ganvit Khushbuben Nareshbhai, Jaya Kishore Ankireddypalli	International Journal Research Agronomy	NAAS-5.30

Abstract

#	Abstract Title	Conference
1	Identification of <i>A. tenuissima</i> , <i>A. solani</i> , <i>A. burnsii</i> and <i>A. gossypina</i> as new members of <i>Alternaria</i> population in Karnataka on sunflower	International Conference on Vegetable Oils 2023, Hyderabad, India
2	“Distribution of <i>Alternaria</i> species in sunflower, their host range and management. Divyashree , C P Manjula, M K Prasanna	ISMPP 42 Annual Conference & National Symposium Plant Health Management: A Way Forward For Food Safety, Security And Sustainability, Anand, Gujarat, India
3	Deciphering a morphological and molecular characterization of new <i>Alternaria</i> species introgressed into sunflower growing regions of Southern Karnataka Divyashree , C.P. Manjula, M.K. Prasanna Kumar and Basavaraj A. Dodmani	Indian Phytopathological Society, New Delhi National Conference: Plant Health for Food Security: Threats and Promises (2024) (IISR), Lucknow, U.P., India
4	From sea to soil: harnessing chitosan from seafood and beyond for sustainable agricultural advancement	Indian Phytopathological Society, New Delhi National Conference: Plant Health for Food

	Divyashree , Lalit Mahatma, Basavaraj A. Dodmani and Shivanand Koti	Security: Threats and Promises (2024) (IISR), Lucknow, U.P., India
5	Revelation on Chitosan as a potential tool for Sustainable development Divyashree , Lalit Mahatma, Susheel Singh, T. R. Ahlawat, M. S. Sankanur and Shivanand Koti.	International conference on “Reviving Ancient Grains: Millets on Global Stage” (2024) Navsari, Gujarat (India)
6	An Integrated Approach To Sunflower Leaf Blight: Population Dynamics, Host Range Expansion, And Fungicide Efficacy On Prevalent <i>Alternaria</i> Species Under Climate Change Divyashree , C. P. Manjula, S. D. Nehru, Dodmani A Basavaraj	International Conference On Building Small Holder Climate Resilience For Achieving Sustainable Food System (2024) Bhubaneswar, Odisha
7	Population Structure, Introgression And Diversity Of <i>Alternaria</i> Species Causing Leaf Blight In Sunflower Divyashree , C. P. Manjula, S. D. Nehru	National Conference On Fungal Frontiers: Biodiversity, Biomolecules And Bioengineering Applications For sustainable perspectives & 51 st Annual meeting of mycological Society of India

Popular articles

#	Title	Magazine
1	The Impact of Climate Change on Plant Diseases: What You Need to Know Divyashree , G. Punith, K. Anusree	Vigyan Varta
2	The Hidden World of Plant Diseases: Unveiling the Mysteries of Plant Pathology Divyashree , K. Anusree and G. Punith	Vigyan Varta
3	The Battle Against Bacterial Spoilage in Food: Plant Pathology's Contributions to Processing and Preservation Divyashree , G. Punith and K. K. Chetan	Agritech Today (Plant Pathology edition)

Book chapters

#	Name	Authors
1	Divyashree , P. P. Khandagale, Manjula and Y. Nefla, 2024. Quarantine and Regulatory Approaches: Global Standards. Plant Pathology Vistas: Advances in Plant Pathology	Stella International publication (ISBN No. 978-81-972019- 1-2)
2	Divyashree , Manjula, K. K. Chetan and Basavaraj A. Dodmani, 2024. Insect Microbiomes: Interactions and Implications. Entomology Vistas: Emerging Trends in Entomology Volume 4.	Stella International publication (ISBN No. 978-81-980103-2-2)
3	Divyashree , Manjula, Malireddi Prasanna and Jayashree Anandakumar, 2024. Implementing Sustainable IPM Practices. Harmony in Agriculture: A Comprehensive Guide to Integrated Pest Management	AkiNik Publications (ISBN No. 978-93-6135-911-8)
4	Divyashree , T. L. Shivananda, Chetanand and Dodmani A Basavaraj. Biotechnology for Biotic Stress Resistance. Agricultural Biotechnology: Collaborative Insight Volume 2	Stella International publication (ISBN No. 978-81- 980103-7-7)

Trainings, workshops and conferences attended

#	Year	Training / workshop/ conference	Institution	Day (s)	Co-ordinated by
1	2023	International conference on vegetable oils	ICAR- IOR-Indian Society of Oil Seed Research	5	G D Satish kumar, M Sujata, R K Mathur, Sanjeev Gupta