

Curriculum Vitae

Dr. Rajkumar H. Garampalli

M. Sc., M. Phil., Ph. D., PDF (USA)

Professor

Department of Studies in Botany

University of Mysore

Manasagangotri

Mysuru – 570 006, Karnataka State, India

&

Principal Investigator

National Medicinal Plants Board

Ministry of AYUSH, Govt. of India, New Delhi

Phone No. 9980736894 (Cell)

E-mail: rajkumarhg@gmail.com; dr.hgrajkumar@botany.uni-mysore.ac.in



Educational Qualifications

- **Post Doc** -Plant Pathology, University of Georgia, Athens, Georgia, USA, 2014-2015
- **Ph.D. Botany**, Gulbarga University, Kalaburagi, Karnataka, India – 2003
- **M. Phil. Botany**, Gulbarga University, Kalaburagi, Karnataka, India – 1999
- **M.Sc. Botany**, Gulbarga University, Kalaburagi, Karnataka, India – 1998
- **B.Sc. Botany, Chemistry, Zoology**, Gulbarga University, Kalaburagi, Karnataka, India -1996

Professional Experience – 22 Years of Teaching and Research

- **Professor**, Department of Studies in Botany, University of Mysore, 12/2019–till date
- **Professor**, Department of Studies in Botany, VSK University, Ballari, 6/2019–12/2019
- **Associate Professor**, Department of Studies in Botany, University of Mysore, 8/2016–6/2019
- **Assistant Professor**, Department of Studies in Botany, University of Mysore, 8/2004 –8/2016
- **Post-Doctoral Research** at Department of Plant Pathology, College of Agricultural and Environmental Sciences, University of Georgia, Athens, Georgia, USA - 10/2014 - 09/2015

Administrative Experience

- **Chairman/Head of the Department**, Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore – 570 006 from 19-03-2024 to 18-03-2026

- **Chairman/Head of the Department**, Department of Studies in Botany, VSK University, Ballari, 6/2019–12/2019
- **Chairman/Head of the Department**, Department of Studies in Anthropology, University of Mysore, Manasagangotri, Mysore – 570 006 from 30-06-2026 to till date
- **Chairman-Board of Examiners (PG)**, Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore – 570 006 for the academic year 2016-2017 and 2019-2021. 2025-2026
- **Chairman, Board of Examiners (UG)**, Chamarajanagara University, Suvarnangotri, Chamarajanagar – 571 313 from 11/2023 to till date.
- **Chairman, Board of Studies in Botany (CB)**, Chamarajanagara University, Suvarnangotri, Chamarajanagar – 571 313 from 06/2024 to till date.

Research Interests and Current Efforts

Bio-prospecting Medicinal Plants and Lichens for Human Welfare and Plant Disease Management; Diversity Study and Application of Arbuscular Mycorrhizae in Agriculture, Ethnobotany, Traditional Medicinal Knowledge and IPR.

Awards/Honors

- **Raman Post-Doctoral Research Fellowship** award by **University Grants Commission**, MHRD, Government of India, New Delhi, for the year 2014-15
- **Best Paper presentation** award at UGC Sponsored Two Day National Seminar on ‘Recent Advances in Traditional Uses of Medicinal Plants’ Organized by Dept. of Botany, LVD College, Raichur, Karnataka, India on 30 & 31 March, 2018.

Professional Training Courses and Faculty Development Programs Attended

Sl. No.	Programme	Duration	Organizer
1	Workshop-cum-Training Course on ‘Molecular tagging of inoculants strains for ecological studies’	24-08-2000 to 30-08-2000	Division of Microbiology, Indian Agricultural Research Institute, New Delhi

2	Training Course 'Biofertilizer Technology'	17-10-2002 to 01-11-2002	Division of Microbiology, Indian Agricultural Research Institute, New Delhi
3	Orientation Programme	05-05-2005 to 01-06-2005	UGC-Academic Staff College, University of Mysore, Mysore
4	Refresher Course in Life Science (Botany)	04-01-2007 to 24-01-2007	UGC-Academic Staff College, University of Mysore, Mysore
5	DBT sponsored Hands on Training cum Workshop on Application of Biotechnology in Agriculture	09-06-2008 to 20-06-2008	The Energy and Resources Institute, New Delhi
6	Winter School on Biodiversity and Conservation	21-11-2009 to 11-12-2009	UGC-Networking Resource Centre in Biological Sciences, School of Biological Sciences, Madurai Kamaraj University, Palkalainagar, Madurai, Tamil Nadu
7	Refresher Course in Life Science (Botany)	12-02-2013 to 04-03-2013	UGC-Academic Staff College, University of Mysore, Mysore
8	Refresher Course in Life Science (Botany)	25-01-2014 to 14-02-2014	UGC-Academic Staff College, University of Mysore, Mysore
9	Workshop on Intellectual Property Training and Awareness	10-04-2014	Institute of Excellence, Vijnana Bhavan, University of Mysore, Manasagangotri, Mysore
10	Workshop on Qualitative Research	24-01-2015	University of Georgia, Athens, Georgia, USA
11	Workshop on Analysis of Population Genetics Data in R	01-08-2015 to 05.08.2015	American Phytopathological Society at Pasadena, California, USA
12	National Interaction Meeting of Practitioners and Researchers of Traditional Systems of Medicine	12-10-2017 to 13-10-2017	Kerala Forest Research Institute, Peechi, Thrissur, Kerala
13	Exposure cum Training on Biodiversity Conservation with special reference to Medicinal Plants	18-11-2017 to 19-11-2017	Kerala Forest Research Institute Sub Centre, Nilambur, Kerala
14	Training on Application and Trouble Shooting of Scientific Equipment	01-12-2017 to 08-12-2017	Institute of Excellence and University with Potential for Excellence University of Mysore,

			Vijnana Bhavan, Manasagangotri, Mysore
15	Brainstorming Workshop on Adoption of UGC-MOOCs SWAYAM Courses	28-04-2018	University of Mysore, Vijnana Bhavan Seminar Hall, Manasagangotri, Mysore
16	Workshop on Bioinformatics and its Applications in Biological Research	25-03-2019 to 26-03-2019	Central Sericultural Research and Training Institute, Mysore sponsored by Department of Biotechnology, Govt. of India, New Delhi
17	FIP Program on Experimental Plant Taxonomy, Fungal and Algal Biology	16-12-2024 to 22-12-2024	Department of Studies in Botany, MMTTC, University of Mysore, Manasagangotri, Mysore-570 006

Ongoing Research Projects

Sl. No.	Title	Agency	Period	Grant/ Amount (Rs. In lakh)
1	Establishment of a Taxonomy-based Medicinal Plants Garden at Manasagangotri Campus, University of Mysore, Mysuru, Karnataka	NMPB-Ministry of AYUSH, Govt. of India, New Delhi	2021 to 2026	27.00

Completed Research Projects

Sl. No.	Title	Agency	Period	Grant/ Amount (Rs. In lakh)
1	Studies on occurrence and distribution of arbuscular mycorrhiza in some important medicinal/aromatic plants and their effect on biomass production	University of Mysore	2006 to 2008	0.65
2	Standardization of organic compost, compost tea and plant extracts for the management of downy mildew of sorghum	UGC	2010 to 2013	11.07
3	Diversity of arbuscular mycorrhizal fungi associated with some medicinal plants in western Ghats of Karnataka region and strain	UGC-IOE	2009 to	~10.00

	selection for plant biomass enhancement		2014	
4	Effect of enriched botanical composts on management of early blight of tomato caused by <i>Alternaria solani</i>	DST-SERB	2013 to 2014	05.00
5	Development of low cost phytoremediation to improve indoor air quality in urban settings (Co-Principal Investigator)	VGST-Centres of Innovative Science, Engineering and Education (CISEE), Govt. of Karnataka	2023 to 2025	30.00

Research Guidance

1. Number of Ph. D. Students Successfully Guided - 16

Sl. No.	Name of candidate	Title of the thesis	Year of Award
1	A. L. Veerabhadraswamy	Evaluation of Bio-agents Against Black Bundle Disease of Maize Caused by <i>Cephalosporium acremonium</i> Corda.	2013
2	Sunil Kumar C. P.	Diversity of AM fungi of Mysore Region in Karnataka and its Effects on Growth and Yield Enhancement of <i>Phaseolus vulgaris</i> L.	2013
3	Heminder Singh	Standardization of Organic Botanical Amendments and Plant Extracts for the Management of Downy Mildew of Sorghum	2014
4	Rashmi S.	Diversity of lichens in Southern Karnataka Region and Bio-prospecting for novel compounds	2016
5	Ravikumar M. C.	Evaluation of enriched botanical soil amendments for the management of early blight of tomato caused by <i>Alternaria solani</i>	2017
6	Anil Kumar R.	Effect of enriched botanical compost on the management of wilt disease in tomato caused by <i>Fusarium oxysporum</i> f. sp. <i>Lycopersici</i>	2017
7	Seema H. S.	Arbuscular mycorrhizal fungi associated with some medicinal plants and their role in biomass enhancement	2017
8	Hengameh Parizadeh (International Student)	<i>In vitro</i> studies on biological activities of some lichen extracts	2017
9	Mangala K. G.	Studies on biology, incidence and management of gummy	2018

		stem blight disease of gherkins	
10	Smitha K. C.	Phytochemical, antioxidant and antimicrobial studies of some medicinally important lichens	2019
11	Thejesh Kumar M. P.	Phyto-synthesis of silver nanoparticles, their characterization and evaluation of antimicrobial activities	2022
12	Savitha R. S.	Genetic diversity and management of <i>Didymella bryoniae</i> , causal organism of gummy stem blight of Cucurbits	2023
13	Smitha N.	Studies on biology, incidence and management of bulb rot disease of <i>Allium sativum</i> caused by <i>Fusarium proliferatum</i>	2024
14	Lanchana H. A.	Phytochemical analysis and biological activities of <i>Crotalaria ramosissima</i> leaf extract	2025
15	Shalini M. J.	Comparative Evaluation of Phytoconstituents and Biological Activities of <i>Piper</i> species (Adi Pepper –A Farmer’s Variety) with <i>Piper nigrum</i>	2026 (Submitted)
16	Amara K. V.	Traditional Knowledge Inventory and Pharmacological Studies on Some Ethnomedicinal Plants of Hassan District, Karnataka	2026 (Submitted)

2. Number of Ph. D. Students Presently Working – 08

3. Number of M. Phil. Students Successfully Guided- 07

Sl. No.	Name of candidate	Title of the Dissertation	Year of Award
1	Vidyabharathi B. P.	Detection of Aflatoxin B ₁ producing <i>Aspergillus flavus</i> in Maize and Sorghum	2009
2	Rashmi S.	<i>In vitro</i> Evaluation of Antifungal Activity of Some Invasive Plant Species	2010
3	Smitha K. C.	Infectivity and Efficacy of <i>Glomus fasciculatum</i> and <i>Acaulospora leavis</i> on Growth and Nutritional Factors of <i>Vigna radiate</i> (L.)R. Wilczek.	2011
4	Megha G.	Inhibitory Effect of Native Bioagents Against Rhizome Rot of Ginger Caused by <i>Fusarium solani</i> (Mart.) Sacc.	2012
5	Savitha R. S.	Phytochemical Assay and Fungistatic Activity of Insect Induced Leaf Galls of <i>Terminalia arjuna</i> and <i>Ficus glomerata</i>	2013

6	Banu Priya	Infectivity and Efficacy of <i>Acaulospora foveata</i> on Tomato Plant Under Saline Stress	2014
7	Uma A.	Effect of Salt Stress on <i>Lycopersicon esculentum</i> Mill. Inoculated With <i>Glomus fasciculatum</i>	2014

Research Papers Published in Scopus/ Web of Science Peer Reviewed Journals: 73

Sl. No.	Authors	Title of the paper	Journal name, Vol. no. Page nos. and Year
1	Meghashree A. M. and Rajkumar H. Garampalli	Phytochemical composition, GC-MS profiling, antibacterial and antioxidant activities of <i>Tarenna asiatica</i> Stem Extracts	<i>International Journal of Pharmaceutical Sciences and Drug Research</i> , 18(2):87-96, 2026
2	Shalini M. J., Komala M., Prabhavathi S. N. and Rajkumar H. Garampalli	Proximate Composition, Piperine Quantification, Essential Oil Profile, and Antibacterial Activity of Adi Pepper (a Farmer's Variety) and Piper nigrum: A Comparative Assessment	<i>The Journal of Plant Science Research</i> , 42 (1): 1–15 2026
3	Meghashree A. M. and Rajkumar H. Garampalli	Documentation of traditional medicinal plants knowledge from native inhabitants of Punajur forest reserve area of Chamarajanagara district, Karnataka state, India	<i>Journal of Drug Research in Ayurvedic Sciences</i> , 10 (6): 458-470, 2025
4	Shalini M. J. and Rajkumar H. Garampalli	Comparative Phytochemical Evaluation and Biological Activities of Adi Pepper (A Farmer's Variety) with <i>P. nigrum</i>	<i>International Journal of Pharmaceutical Sciences and Drug Research</i> , 17(4):344-353, 2025
5	K. V. Amara, G. M. Prashanth Kumar, and Rajkumar H. Garampalli	Inventory of traditional medicinal plants and ethnobotanical knowledge from Hassan District, Karnataka, India	<i>Journal of Threatened Taxa</i> , 17(6): 27035–27063, 2025
6	Rashmi Shivanna and Rajkumar H. Garampalli	Chromatographic approaches for the isolation and detection of a new antifungal phenolic compound from lichen <i>Heterodermia leucomelos</i> (L.) Poelt	<i>Journal of Pharmacy & Pharmacognosy Research</i> , 13 (2):597-605, 2025
7	Lanchana H. A., Basavarajappa S. and Rajkumar H. Garampalli	GC-MS profiling and efficacy of <i>Crotalaria ramosissima</i> Roxb. leaf extracts in controlling termite, <i>Odontotermes obesus</i>	<i>Journal of Biological Control</i> , 38(4): 494-503, 2024,
8	K. V. Amara, G. M. Prashanth Kumar,	Inventory of parasitic plants and their traditional uses in Hassan district	<i>Indian Forester</i> , 150(11): 1062-1069, 2024

	N. Shiddamallayya and Rajkumar H. Garampalli		
9	M. C. Ravikumar, G. S. Nandeesh and Rajkumar H. Garampalli	Evaluation of Botanical Extracts against <i>Pyricularia oryzae</i> , A Causal Agent of Blast of Paddy	<i>International Journal of Current Microbiology and Applied Sciences</i> , 13(08): 111-116, 2024
10	Lanchana H. A. and Rajkumar H. Garampalli	Analysis of Phytochemical Constituents, Antibacterial, Antioxidant and GC-MS Profiling of <i>Crotalaria ramosissima</i> Leaf Extracts	<i>International Journal of Pharmaceutical Sciences and Drug Research</i> , 16(3):426-434, 2024
11	N. Smitha and Rajkumar H. Garampalli	Incidence and Severity of Bulb Rot Disease of Garlic in Southern Karnataka Region, India	<i>International Journal of Current Microbiology and Applied Sciences</i> 13(5): 109-118, 2024
12	Smitha N. and Rajkumar H. Garampalli	Morpho-Molecular Characterization of <i>Fusarium proliferatum</i> Causing Garlic Bulb Rot in Southern Karnataka Region, India	<i>Research Journal of Agricultural Sciences</i> , 14: 1581–1586, 2023
13	Amara Kushavara Venkatesh and Rajkumar H. Garampalli	Present scenario and future prospects of traditional healers from Hassan district, Karnataka	<i>Journal of Drug Research in Ayurvedic Sciences</i> , 8:143-9 (2023)
14	Karthik H. N., Pranav Murali Sharma & Rajkumar H. Garampalli	Molecular docking and dynamics simulation study of lobules and pyrones from <i>Alternaria solani</i> and <i>Alternaria lobules</i> with HSP90: an important therapeutic target of cancer	<i>Journal of Biomolecular Structure and Dynamics</i> , 41(24): 14744-14756, DOI:10.1080/07391102.2023.2191141 (2023)
15	Ramesh Sowbhagya Savitha and Rajkumar H. Garampalli	Gummy Stem Blight Disease Caused by <i>Didymella bryoniae</i> on <i>Luffa acutangula</i> and its Molecular Identification – A First Report in Karnataka, India	<i>Research Journal of Agricultural Sciences An International Journal</i> , 13: 1415–1422 (2022)
16	Sushmashree Krishnappa, Shankramma Kalikeri, Rajkumar H. Garampalli , Lingaraju Honnur Gurusiddappa and Charan Kumar Kachintaya	A Brief Review of the Impact of Silver Nanoparticles on Agriculture and Certain Biological Properties: A Case Study	<i>International Journal of Health and Allied Sciences</i> , 11:62-69 (2022)

17	Savitha R. S. and Rajkumar H. Garampalli	First report of stem gummosis and leaf blight disease in <i>Momordica charantia</i> caused by <i>Lasiodiplodia theobromae</i>	<i>Journal of Global Agriculture and Ecology</i> , 14(4): 25-33 (2022)
18	Savitha R. S. and Rajkumar H. Garampalli	Identification and molecular characterization of <i>Stagonosporopsis cucurbitacearum</i> causes gummy stem blight disease on <i>Coccinia grandis</i> – A first report in Karnataka, India	<i>Journal of Advanced Scientific Research</i> , 13 (5): 70-78 (2022)
19	Thejesh Kumar M. P. and Rajkumar H. Garampalli	Phytogenic synthesis of silver nanoparticles using <i>Ipomoea obscura</i> (L.) leaves extract and its fungicidal activity against phytopathogens	<i>Journal of Advanced Scientific Research</i> , 12(2) Suppl 1: 186-193 (2021)
20	Ravikumar M. Chaluvaiah and Rajkumar H. Garampalli	Suppression of <i>Alternaria Solani</i> in Potting Mixture Amended with <i>Crotalaria Trichotoma</i> Based Composts	<i>The Journal of Plant Science Research</i> , 37(1): 61-66 (2021)
21	Thejesh Kumar M. P. and Rajkumar H. Garampalli	Green synthesis and characterization of silver nanoparticles from leaf extract of <i>Vitex quinata</i> and its fungicidal efficacy	<i>Shanlax International Journal of Arts, Science and Humanities</i> , 6(2): 182-189 (2019)
22	Thejesh Kumar M. P. and Rajkumar H. Garampalli	Characterization and fungistatic activity of <i>Eucalyptus lobules</i> leaf extract mediated phytosynthesized silver nanoparticles	<i>International Journal of Scientific Research in Biological Sciences</i> , 6(1): 105-111 (2019)
23	Rashmi S. and Rajkumar H. G.	Diversity of Lichens along Elevational Gradients in Forest Ranges of Chamaraajanagar District, Karnataka State	<i>International Journal of Scientific Research in Biological Sciences</i> , 6(1): 97-104 (2019)
24	Le Thi Thanh, Thejesh Kumar M. P. and Rajkumar H. Garampalli	Green synthesis of gold nanoparticles using <i>Cassia alata</i> leaf extract and evaluation of antimicrobial activities	<i>World Journal of Pharmaceutical Research</i> , 7 (07): 1106-1116 (2018)
25	Mangala, K. Gopalkrishna and Rajkumar, H. Garampalli	Efficacy of fungicides and culture filtrate of native bioagents against <i>Didymella bryoniae</i> causing gummy stem blight disease in gherkin	<i>International Journal of Pure & Applied Bioscience</i> , 6 (1): 1122-1132 (2018)
26	Smitha K. C. and Rajkumar H. Garampalli	<i>In vitro</i> antimicrobial activity of <i>Ramalina pacifica</i> and <i>Rocella montagnei</i> lichens	<i>Asian Journal of Research in Chemistry and Pharmaceutical Sciences</i> . 6(3): 118-127 (2018)

27	Hengameh Parizadeh and Rajkumar H. Garampalli	Physiological and chemical analysis for identification of some lichen extracts	<i>Journal of Pharmacognosy and Phytochemistry</i> , 6(5): 2611-2621 (2017)
28	Rashmi Shivanna, Hengameh Parizadeh and Rajkumar H. Garampalli	<i>In vitro</i> anti-obesity effect of macrolichens <i>Heterodermia leucomelos</i> and <i>Ramalina celastri</i> by pancreatic lipase inhibitory assay	<i>International Journal of Pharmacy and Pharmaceutical Sciences</i> , 9 (5): 137-140 (2017)
29	Hengameh Parizadeh and Rajkumar H. G.	Assessment of Bactericidal Activity of Some Lichen Extracts by Disc Diffusion Assay	<i>International Journal of Drug Development and Research</i> , 9(1): 09-19 (2017)
30	Rajkumar H. Garampalli , Mangala K. Gopalkrishna, Hao-Xi Li and Marin Talbot Brewer	Two Stagonosporopsis species identified as causal agents of gummy stem blight epidemics of gherkin cucumber (<i>Cucumis sativus</i>) in Karnataka, India	<i>European Journal of Plant Pathology</i>, 145:507–512 (2016)
31	Smitha K. C. and Rajkumar H. Garampalli	Evaluation of phytochemicals and <i>in vitro</i> antioxidant activity of <i>Ramalina pacifica</i> and <i>Rocella montagnei</i>	<i>Journal of Pharmacognosy and Phytochemistry</i> , 5(2): 270-274 (2016)
32	Rashmi S. and Rajkumar H. G.	Lichens of Mysore District in Karnataka State – A Contribution to Indian Lichen Inventory	<i>Journal of Mycology and Plant Pathology</i> , 46(3): 250 – 258 (2016)
33	Ravikumar M.C., Heminder Singh, R.H. Garampalli	Comparative evaluation of long-term storage techniques on viability and virulence of <i>Alternaria solani</i>	<i>Journal of Taibah University for Science</i> , 10: 607–613 (2016)
34	Seema H. Siddur and Rajkumar H. Garampalli	Efficacy of three arbuscular mycorrhizal fungi on growth of <i>Centella asiatica</i> L. (Urban)	<i>Asian Journal of Plant Science and Research</i> , 6(3):11-16 (2016)
35	Hengameh P., Rashmi S. and Rajkumar H. G.	<i>In vitro</i> inhibitory activity of some lichen extracts against α – amylase enzyme	<i>European Journal of Biomedical and Pharmaceutical Sciences</i> , 3(5): 315-318 (2016)
36	Rashmi Shivanna and Rajkumar H. Garampalli	Investigation of macrolichens for antifungal potentiality against phytopathogens	<i>Indo American Journal of Pharmaceutical Research</i> , 6(04): 5290-5296 (2016)
37	Hengameh Parizadeh	Evaluation of some lichen extracts for	<i>American Journal of</i>

	and Rajkumar H. Garampalli	β -glucosidase inhibitory as a possible source of herbal anti-diabetic drugs	<i>Biochemistry</i> , 6(2): 46-50 (2016)
38	Heminder Singh, Farhan Zameer, Shaukath Ara Khanum and Rajkumar H. Garampalli	Durantol – a phytosterol antifungal contributor from <i>Duranta repens</i> Linn. For organic Management of Sorghum Downy Mildew	<i>European Journal of Plant Pathology</i> , 146:671–682 (2016)
39	Anil Kumar Ramaiah and Rajkumar H. Garampalli	<i>In vitro</i> antifungal activity of some plant extracts against <i>Fusarium oxysporum</i> f. sp. <i>Lycopersici</i>	<i>Asian Journal of Plant Science and Research</i> , 5(1):22-27 (2015)
40	Rashmi S. and Rajkumar H. G.	First report of foliicolous lichen biota in South Karnataka-India	<i>International Journal of Current Microbiology and Applied Sciences</i> , 4(6): 250-256 (2015)
41	Rashmi Shivanna, Hengameh Parizadeh and Rajkumar H. Garampalli	Screening of lichen extracts for <i>in vitro</i> antidiabetic activity using alpha amylase inhibitory assay	<i>International Journal of Biological & Pharmaceutical Research</i> , 6(5): 364-367 (2015)
42	Rashmi S. and Rajkumar H. G.	Evaluation of antifungal activity of lichen extracts against phytopathogenic fungi <i>Macrophomina phaseolina</i> (Tassi) Goid	<i>International Journal of Current Research</i> , 7(7): 17718-17721 (2015)
43	Rashmi S. and Rajkumar H.G.	Enumeration and New records of Lichens in Kodagu district- A Micro Hotspot in Western Ghats of Karnataka, India	<i>International Research Journal of Environment Sciences</i> , 4(12) : 17-25 (2015)
44	Rashmi Shivanna and Rajkumar H Garampalli	Evaluation of fungistatic potential of lichen extracts against <i>Fusarium solani</i> (Mart.) Sacc. Causing Rhizome rot disease in Ginger	<i>Journal of Applied Pharmaceutical Science</i> , 5(10):67-72 (2015)
45	H. S. Seema and Rajkumar H. Garampalli	Effect of Arbuscular Mycorrhizal fungi on growth and biomass enhancement in <i>Piper longum</i> L. (Piperaceae)	<i>International Journal of Current Microbiology Applied Sciences</i> , 4(1):11-18 (2015)
46	K.C. Smitha, C.P. Sunilkumar and Rajkumar H. Garampalli	Infectivity and Efficacy of <i>Glomus fasciculatum</i> and <i>Acaulospora leavis</i> on the Growth and Nutritional Factors of <i>Vigna lobule</i> (L.) R. Wilczek	<i>World Journal of Agricultural Sciences</i> , 10 (5): 247-252, (2014)
47	Rashmi S. And	Preliminary phytochemical screening	<i>Journal of</i>

	Rajkumar H. G.	of different solvent extracts of lichens from Kodagu district, Karnataka	<i>Pharmacognosy and Phytochemistry</i> , 3(4): 209-212, (2014)
48	Rashmi Shivanna and Rajkumar H. Garampalli	Efficacy of lichen extracts as biocontrol agents against <i>Fusarium oxysporum</i> f. Sp. Capsici	<i>Advances in Applied Science Research</i> , 5(5): 273-277 (2014)
49	Anil Kumar R. And RajKumar H. Garampalli	Antagonistic effect of rhizospheric <i>Aspergillus</i> species against <i>Fusarium oxysporum</i> f. Sp. <i>Lycopersici</i>	<i>International Journal of Chemical and Analytical Science</i> , 5(1):39-42 (2014)
50	A. L. Veerabhadraswamy and R.H. Garampalli	Evaluation of four <i>Trichoderma</i> spp. For the biological control of Black bundle disease (<i>Cephalosporium acremonium</i>) in maize	<i>Elixir Applied Botany</i> , 66 : 20759-20763 (2014)
51	Anil Kumar R. and RajKumar H. Garampalli	Screening of indigenous potential antagonistic <i>Trichoderma</i> species from tomato rhizospheric soil against <i>Fusarium oxysporum</i> f. sp. <i>Lycoperscisi</i>	<i>Journal of Agriculture and Veterinary Science</i> , 4(3): 42-47 (2013)
52	Manjunatha H.P, Heminder Singh, Jyoti Bala Chauhan, Farhan Zameer and Rajkumar H. Garampalli	Induction of Resistance against Sorghum Downy Mildew by Seed Treatment with <i>Duranta repens</i> Extracts	<i>Journal of Agriculture and Veterinary Science</i> , 3(6) : 37-44 (2013)
53	M.C. Ravikumar and Rajkumar H. Garampalli	Antifungal activity of plants extracts against <i>Alternaria solani</i> , the causal agent of early blight of tomato	<i>Archives of Phytopathology and Plant Protection</i> , 46(16): 1897-1903 (2013)
54	Heminder Singh and Rajkumar H. Garampalli	A novel technique for greenhouse evaluation of plant extracts for management of downy mildew of sorghum	<i>Archives of Phytopathology and Plant Protection</i> , 46(16): 1984-1992 (2013)
55	Heminder Singh, M.C Ravikumar and H. Rajkumar Garampalli	Enhancement of downy mildew of sorghum by some organic soil amendments: a caution to organic farmers	<i>Archives of Phytopathology and Plant Protection</i> , 46(9): 1030-1035 (2013)
56	Heminder Singh and Rajkumar H. Garampalli	An efficient technique to obtain conidial lobules of <i>Peronosclerospora sorghi</i> causing downy mildew of sorghum	<i>Archives of Phytopathology and Plant Protection</i> , 46(6): 656-662 (2013)
57	Heminder Singh and Rajkumar H.	Evaluation of uncomposted botanical-based soil amendments for organic	<i>Archives of Phytopathology and</i>

	Garampalli	management of downy mildew of Sorghum	<i>Plant Protection</i> , 46(5): 599-606 (2013)
58	C.P. Sunil kumar and Rajkumar H. Garampalli	Diversity of arbuscular mycorrhizal fungi in irrigated and non-irrigated fields of southern Karnataka, India.	<i>Journal of Environmental Biology</i> , 34 : 159-164 (2013)
59	Veerabhadraswamy A. L. And Rajkumar H. G.	Isolation and molecular detection of <i>Cephalosporium acremonium</i> : The Causative agent of black bundle disease in maize	<i>International Journal of Current Research</i> , 5(2) :47-52 (2013)
60	Heminder Singh and Rajkumar H. Garampalli	Comparative evaluation of composts and dried powdered biomass of botanicals for organic management of downy mildew of sorghum.	<i>Archives of Phytopathology and Plant Protection</i> , 45(20): 2454-2464 (2012)
61	Heminder Singh and Rajkumar H. Garampalli	Screening of plant extracts for organic management of downy mildew of sorghum.	<i>Archives of Phytopl. And Plant Protection</i> , 45 (14): 1732-1740 (2012)
62	Heminder Singh and Rajkumar H.Garampalli	A special method to confirm non-feasibility of secondary spread of downy mildew systemic infection between sorghum seedlings of similar age.	<i>International Journal of Plant Research</i> . 2(3) : 90-93 (2012)
63	Sunil kumar C.P., Seema H.S and Rajkumar H. Garampalli	Occurrence and distribution of arbuscular mycorrhizal fungi in agricultural fields of Mysore.	<i>World Journal of Science and Technology</i> , 2 (2) : 1-7 (2012)
64	Rajkumar H.G. and Seema H.S. and Sunil Kumar C. P.	Diversity of arbuscular mycorrhizal fungi associated with some medicinal plants in Western Ghats of Karnataka region, India.	<i>World Journal of Science and Technology</i> , 2 (1) : 13-20 (2012)
65	Rajkumar H. Garampalli and C. P. Sunilkumar	Status of AM fungi associated with some medicinal plants of Mysore.	<i>Mycorrhizal News</i> . 23(3) : 5-8 (2011)
66	S. Rashmi and H. G. Rajkumar	Preliminary phytochemical analysis and <i>in vitro</i> evaluation of antifungal activity of five invasive plant species against <i>Macrophomina phaseolina</i> (Tassi) Goid.	<i>International Journal of Plant Research</i> . 1(1): 11-15 (2011)
67	Veerabhadraswamy A.L and Rajkumar H.G	Host-pathogen interaction between <i>Cephalosporium acremonium</i> Corda and maize (<i>Zea mays</i>) seedling	<i>Journal of Mycology and Plant Pathology</i> . 41(3): 445-450 (2011)
68		Effect of Arbuscular Mycorrhizal	<i>Science Research</i>

	Veerabhadraswamy A L and Rajkumar H Garampalli	Fungi in the Management of Black Bundle Disease of Maize caused by <i>Cephalosporium acremonium</i>	<i>Reporter</i> 1(2): 96 – 100 (2011)
69	C. P. Sunilkumar and Rajkumar H. Garampalli	Diversity of arbuscular mycorrhizal fungi in agricultural fields of Hassan district.	<i>World Journal of Agricultural Science</i> , 6 (6): 728-734, (2010)
70	Garampalli Rajkumar H , Deene S and Reddy C N.	Infectivity and efficacy of <i>Glomus aggregatum</i> and growth response of <i>Cajanus cajan</i> (L.) Millsp. In flyash amended sterile soil.	<i>Journal of Environmental Biology</i> , 26(4): 705-708, (2005)
71	C. Narayana Reddy, B. K. Bharati, H. G. Rajkumar and D. N. Sunanda	Infectivity and efficacy of four native vesicular-arbuscular mycorrhiza fungi on sugar cane (cv. CO 419).	<i>Mycorrhiza News</i> , 16(2): 9-12, (2004)
72	Deene S., Garampalli R. , and Reddy, C. N.	Influence of dual inoculation with vesicular arbuscular mycorrhizal fungus (<i>Glomus aggregatum</i>) and <i>Fusarium udum</i> on plant vigour and wilt disease incidence of pigeon pea.	<i>Phytomorphology</i> , 54 (1&2): 1-7, (2004)
73	Rajkumar H Garampalli and C Narayana Reddy	A simple technique for clearing adherent debris of VAM fungal spores for identification.	<i>Mycorrhiza News</i> , 14(3): 14-15, (2002)

Articles/Chapters published in Books

Sl. No.	Authors	Title with page nos.	Book Title, Year, Editors & Publishers	ISSN/ ISBN No.
1	Reddy C. N and Garampalli H. R.	Effect of fly ash on VAM formation and growth response of pulse crops infested with <i>Glomus aggregatum</i> in sterile soil	Frontiers in Microbial Biotechnology and Plant Pathology, Eds. Manoharachary, C., Purohit, D. K., Ram Reddy, S., Singara Charya, M. A. and Girishan, S. Publisher: Scientific Publishers (India)	ISBN- 817233291 2 (2002)
2	Rajkumar H. Garampalli , Heminder Singh and M.C. Ravikumar	Role of Organic Amendments in Plant Disease Management: An Overview	Major Constrains and Verdict of Crop Productivity Editor: Dr. U.N. Bhale Publisher: Astral International (P) Limited, New Delhi	ISBN 978935124 3694 (Vol. 1) (2015)

Conferences/Symposium, Workshops organized:

Sl. No.	Title of the Conference/ Seminar/ Workshops	Organized by	Year
1	Workshop on 'Fungal Biology and Taxonomy'	Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore	March 25-30, 2013
2	Workshop on 'Strengthening forward – backward linkages for Sustained Supply of Quality Medicinal Plants to Industry through Profitable Cultivation'	Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore in collaboration with Medicinal Plants Authority (KaMPA), Bengaluru, NMPB- RCFC Southern Region, Kerala Forest Research Institute, Peechi, Kerala sponsored by National Medicinal Plants Board, Ministry of AYUSH, Govt. of India, New Delhi	October 1, 2018
3	One Day Workshop 3 rd Divisional Level Consultative Workshop of Mysore Division to Review and Synergize the Activities of Stakeholders in the Medicinal Plants Sector in Karnataka	Jointly organized by Karnataka Medicinal Plants Authority, Karnataka Biodiversity Board, National Medicinal Plants Board and Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore, Karnataka, India	June 24, 2022
4	Two Days National Seminar on 'Advances in Plant Sciences'	Jointly organized by Department of Studies in Botany University of Mysore, Manasagangotri, Mysore – 570 006 and Malaviya Mission Teacher Training Centre University of Mysore, Mysore, Sponsored by Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	29-30 November, 2024
5	One Day Workshop on 'Medicinal Plant Monograph Development'	Jointly organized by Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore and Government Ayurveda Research Center, Mysuru	December 3, 2024
6	Seven Days Faculty Improvement Program on 'Experimental Plant Taxonomy, Fungal and Algal Biology'	Jointly organized by Department of Studies in Botany University of Mysore, Manasagangotri, Mysore – 570 006 and Malaviya Mission Teacher Training Centre University of Mysore, Mysore, Sponsored by Rashtriya Uchchatar Shiksha Abhiyan (RUSA)	16-22 December, 2024
7	One Day National Workshop on Ni-Kshay 'Yakshma Samvada'	Organized by Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore In Association with Government Ayurveda Research Center, Mysuru	March 4, 2025

8	National Seminar on New Trends in Botany & XV All India Conference on Cytology and Genetics On the Theme ‘Classical and Contemporary Issues in Botany and Cellular Biology’	Jointly Organized by Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore - 570 006 & The Society of Cytologists and Geneticists, India at Institute of Excellence Auditorium, Vijnana Bhavan, University of Mysore, Manasagangotri, Mysore – 570006	11-12 September, 2025
9	National Ayurveda Day-2025 on the theme ‘Ayurveda for People and Planet’	Organized by Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore - 570 006 under the auspices of Botanical Society	23 September, 2025

Papers presented in Conferences/ Seminars/ Symposia, etc.

Sl. No.	Title of the Paper Presented	Title of Conference/ Seminar	Organized by	Year
1	Occurrence and distribution of vesicular arbuscular mycorrhizal fungi associated with weed plants of Gulbarga area	National Symposium on Microbial and Plant Diversity	Department of Botany (UGC-SAP), Osmania University, Hyderabad	March 13-14, 1999
2	Infectivity and efficacy of <i>Glomus aggregatum</i> and growth response of <i>Cajanus cajan</i> (L.) Millsp. In flyash amended soil	42 nd Annual Conference of Association of Microbiologists of India	Department of Microbiology, Gulbarga University, Gulbarga	November 9-11, 2001
3	Endophytic fungi induced systemic resistance in brinjal against Phomopsis blight disease caused by <i>Phomopsis vexans</i> and its biochemical analysis	Southern Zone Symposium on “Changing plant disease scenario in relation to climate change	Indian Institute of Spices Research Calicut – 673 012, Kerala	October, 22-23, 2010
4	Comparative evaluation of composts and dried powdered biomass of botanicals for organic management of downy mildew of sorghum	UGC Sponsored Seminar on Medicinal Plants	The Islamia College of Science and Commerce, Srinagar, Jammu and Kashmir	March 14-15, 2012
5	Diversity of arbuscular mycorrhizal fungi	MHRD-UGC Sponsored, IOE	Department of Studies in Earth Sciences,	May 30-31,

	associated with some medicinal plants in Western Ghats of Karnataka region, India	Geospatial and Ecological Mapping of Biodiversity Tools & Techniques	University of Mysore, Mysore, Karnataka	2012
6	Diversity of <i>Stagonosporopsis</i> species causing gummy stem blight of gherkin in Karnataka region, India	APS Annual Meeting	American Phytopathological Society, Pasadena, California, U.S.A.	August 1–5, 2015
7	Potential efficacy of the metabolites from some macrolichens against two <i>Fusarium</i> species	103 rd Indian Science Congress	The Indian Science Congress Association, Kolkata and University of Mysore, Mysore	January 3-7, 2016
8	<i>In vitro</i> antihyperglycemic property of some lichen extract	103 rd Indian Science Congress	The Indian Science Congress Association, Kolkata and University of Mysore, Mysore	January 3-7, 2016
9	Antifungal activity of phyto-synthesis silver nanoparticles using <i>Vitex trifolia</i> Linn. Leaf extract	Reaching the Unreached through Science and Technology: Recent Advances in Physical, Chemical, Mathematical and Biological Sciences for Energy, Health and Environment.	Mangalore University-Faculty of Science and Technology and The Indian Science Congress Association, Bangalore Chapter	September 8-9, 2017
10	Antifungal activity of phyto-synthesized silver nanoparticles using <i>Eucalyptus lobules</i> leaf extract	Biodiversity and Bio-Prospecting for Sustainable Development-2018	Institute of Excellence and University for Potential for Excellence, University of Mysore, Mysuru, Karnataka	February 23-24, 2018
11	Antibacterial activity of photosynthesized silver nanoparticles using <i>Eucalyptus lobules</i> leaf extract	National Seminar on Recent Advances in Traditional Uses of Medicinal Plants	Department of Botany, Laxmi Venkatesh Desai College, Raichur, Karnataka	March 30-31, 2018
12	Parmeliaceae: Largest family of lichens distributed in southernmost Karnataka	Indian Plant Science Congress 2019	SRM Institute of Science and Technology, Kattankulathur, Chennai, Tamil Nadu	January 23-25, 2019

13	Green synthesis and characterization of silver nanoparticles from leaf extract of <i>Vitex quinata</i> and its fungicidal efficacy	World Summit on Resource Management and Sustainable Development	University of Mysore, Mysore, Karnataka in collaboration with Maharani's Arts College for Women, Mysore, James Cook University, Singapore and International Council for Development Research, Mysore	February 22-24, 2019
14	Diagnosis and control of bulb rot disease of garlic caused by <i>Fusarium proliferatum</i> in southern Karnataka region by utilizing bio-agents	Agricultural Transformation and Rural Development in India: Issues, Challenges and Way Forward	ICSSR Sponsored Two Day National Conference organized by Centre for Study of Social Exclusion and Inclusive Policy and Department of Studies in Anthropology, University of Mysore	March, 9-10, 2023
15	Screening of <i>Crotalaria ramosissima</i> phyto-constituents and its efficacy in anti-termite activity	Agricultural Transformation and Rural Development in India: Issues, Challenges and Way Forward	ICSSR Sponsored Two Day National Conference organized by Centre for Study of Social Exclusion and Inclusive Policy and Department of Studies in Anthropology, University of Mysore	March, 9-10, 2023
16	Management of termites from <i>Crotalaria ramosissima</i> Roxb. Leaf extract	National Conference on 'Environment, Health and Sustainable Development'	Department of Studies in Environmental Science, University of Mysore	June 5, 2023
17	Disease severity of garlic bulb rot caused by <i>Fusarium proliferatum</i> in Southern Karnataka region	National Conference on 'Environment, Health and Sustainable Development'	Department of Studies in Environmental Science, University of Mysore	June 5, 2023
18	Green synthesis of Silver Nanoparticles from Bark Extract of <i>Careya arborea</i> and its Antibacterial Activity	International Conference on 'Recent Advances in Bio-Nano Composites for Enhancing Human Health'	Gulbarga University, Kalaburagi, Karnataka State, India	8-9 January, 2024
19	Phytochemical profiling	National Seminar on	Jointly Organized by	11-12

	of <i>Habenaria roxburghii</i> Nicolson: GC-MS, Antimicrobial and Antioxidant activity	New Trends in Botany & XV All India Conference on Cytology and Genetics On the Theme 'Classical and Contemporary Issues in Botany and Cellular Biology'	Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore - 570 006 & The Society of Cytologists and Geneticists, India at Institute of Excellence Auditorium, Vijnana Bhavan, University of Mysore, Manasagangotri, Mysore – 570006	September, 2025
20	A Novel Suspension Buffer-Based Protocol for High-Quality DNA Isolation in Genus <i>Piper</i> to overcome leaf mucilage interference	National Seminar on New Trends in Botany & XV All India Conference on Cytology and Genetics On the Theme 'Classical and Contemporary Issues in Botany and Cellular Biology'	Jointly Organized by Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore - 570 006 & The Society of Cytologists and Geneticists, India at Institute of Excellence Auditorium, Vijnana Bhavan, University of Mysore, Manasagangotri, Mysore – 570006	11-12 September, 2025

Invited Talks at National/International Conference / Seminar, Workshops, etc.

Sl. No.	Title of the Talk	Title of Conference/ Seminar	Organized by	Year
1	Diversity of AM fungi	UGC Sponsored-Networking Resource Centre in Biological Sciences – Biodiversity and Conservation	School of Biological Sciences, Madurai Kamaraj University, Palkalainagar, Madurai	November 21-December 11, 2009
2	ISMPP-South Zone Conference	Fungal Diversity and Fungal Crop Diseases	DOS in Botany, University of Mysore, Mysore	May 12-13, 2011
3	Comparative evaluation of composts and dried powdered biomass of botanicals for organic management of downy mildew of sorghum	UGC Sponsored Seminar on Medicinal Plants: Current status and Future Prospects	The Islamia College of Science & Commerce, Srinagar, J&K	March 14-15, 2012

4	Plant breeding, Plant Physiology, Evolution, and Plant Anatomy	Capacity Building Programme for KRP's in Biology and ICT in Teaching of Science at Senior Secondary Level	Central Institute of Educational Research, (NCERT), Sri Aurobindo Marg, New Delhi	March 6-10, 2017
5	Medicinal Values of lichens: <i>In vitro</i> anti-hyperglycemic properties of two lichen extracts	National Interaction Meeting of Practitioners and Researchers of Traditional Systems of Medicine	Kerala Forest Research Institute, Peechi, Thrissur, Kerala	October 12-13, 2017
6	Arbuscular Mycorrhiza: The Dynamics of Plant-Fungal Interactions	Emerging Trends in Plant Science	Post-Graduate Department of Botany, JSS College of Arts, Commerce and Science, Mysuru	March 9, 2020
7	Bio-prospecting lichens for human welfare	International Conference on Multidisciplinary Approaches in Lichenology (Hybrid mode)	CSIR-National Botanical Research Institute, Lucknow, Uttar Pradesh, India.	28-30 September 2022
8	Bandipur National Park – Genesis, Development, Floral diversity and their Medicinal Uses	Division Level Capacity Building Program cum consultative workshop for officers and frontline forest staff on conservation and sustainable management of medicinal plant resources	Karnataka State Medicinal Plants Authority in collaboration with Karnataka Biodiversity Board and Bandipura Tiger Reserve Division Bandipura Guest House, Karnataka	September 22, 2022
9	Medicinal Plants and their sustainable utilization	One Day Training and Exposure Visit on Medicinal Plant Wealth, Cultivation and Utilization	National Medicinal Plants Board, RCFC (Southern Region), Kerala Forest Research Institute, Peechi, KFRI Sub Centre, Nilambur	October 20, 2022
10	Importance of Arbuscular Mycorrhizae in Human Welfare and Food Security	15 th Refresher Course in Life Sciences (Online) held from 08.02.2023 to 21.02.2023	UGC-Human Resource Development Centre University of Mysore, Manasagangotri, Mysuru-570006	February 9, 2023
11	Traditional Medicinal Knowledge: A treasure house of modern medicines	One Day State Level Seminar on "Bridging Wisdom and Wellness: Traditional Medicine in	Department of Botany (UG & PG) in Association with IQAC, Bharathi	December 28, 2023

		Modern Era"	College, KM Doddi, Mandya District	
12	Indigenous Traditional/Tribal Medicinal Knowledge: A treasure house for modern medicines	Two Days Seminar on 'Development and Role of Anthropology in Transforming Modern India'	RUSA Sponsored Faculty Improvement Programme organised by Department of Studies in Anthropology, University of Mysore, Manasagangotri, Mysore – 570 006	28-29 December, 2024
13	Indigenous Traditional Medicinal Knowledge: Lead to modern medicines	8 th Faculty Improvement Programme (Offline) held from 17.12 .2024 to 17.01.2025.	Malaviya Mission Teacher Training Centre, University of Mysore, Manasagangotri, Mysuru-570006	January 1, 2025
14	Arbuscular Mycorrhizae and Their Importance	17 th Refresher Course in Life Sciences (Online) held from 03.01 .2025 to 18.01.2025.	Malaviya Mission Teacher Training Centre, University of Mysore, Manasagangotri, Mysuru-570006	January 7, 2025
15	Role of Arbuscular Mycorrhizal Fungi in Plant Evolution and Plant Health	Interdisciplinary Refresher Course in Biological Sciences (Online)	Malaviya Mission Teacher Training Centre, Karnatak University, Dharwad- 580 003	March 22, 2025
16	How to Write a Research Proposal?	Ten Day Research Methodology Programme on 'Integrative Research Methods: Techniques for Comprehensive Social Science Analysis' from 01.04.2025 to 10.04.2025 sponsored by ICSSR, New Delhi	Department of Management, Karnataka State Akkamahadevi Women University, Vijayaapura – 586 108.	April 2, 2025
17	Importance of Literature Review in Research	Ten Day Research Methodology Programme on 'Integrative Research Methods: Techniques for Comprehensive Social Science Analysis' from 01.04.2025 to 10.04.2025 sponsored by ICSSR, New Delhi	Department of Management, Karnataka State Akkamahadevi Women University, Vijayaapura – 586 108.	April 2, 2025

Ph.D. Thesis Adjudicated

1. 'Exploring plant growth promoting bacteria from mangrove ecosystem and formulation of novel bacterial consortia as mangrove growth promoters' submitted by Mr. S. Gopinath to Bharathidasan University, Tiruchirapalli for the award of Doctor of Philosophy in Microbiology, under the guidance of Dr. M. Sundararaman, Department of Marine Biotechnology, National Facility for Marine Cyanobacteria, School of marine Sciences, Bharathidasan University, Tiruchirapalli, Tamil Nadu State, India.
2. 'Ethnobotany and Traditional Practitioners: A Study in Bijapur District' submitted by Mrs. Arati Laddimath to Gulbarga University, Kalaburagi for the award of Doctor of Philosophy in Botany, under the guidance of Prof. Srinath Rao, Department of Botany, Gulbarga University, Kalaburagi, Karnataka State, India.
3. '*In vitro* multiplication and elicitor mediated enhancement of potent anticancer drug comptothecin in *Nothapodytes foetida* (Wight) Sleumer' submitted by Smt. Kaveri Sharanayya to Gulbarga University, Kalaburagi for the award of Doctor of Philosophy in Botany, under the guidance of Prof. Srinath Rao, Department of Botany, Gulbarga University, Kalaburagi, Karnataka State, India.
4. 'Studies on Microalgae for the Production of Novel Metabolites' submitted by Smt. Megha Ramachandra Shinge to Karnatak University, Dharwad for the award of Doctor of Philosophy in Biotechnology, under the guidance of Dr. C. T. Shivasharan, Department of Biotechnology and Microbiology, Karnatak University, Dharwad, Karnataka State, India.
5. 'Biosynthesis of Silver nanoparticles from Marine Actinomycetes and Analysis of their Anticancer Activities' submitted by Miss. Pallavi S. S. to Karnatak University, Dharwad for the award of Doctor of Philosophy in Botany, under the guidance of Dr. Sreenivasa Nayaka, Department of Botany, Karnatak University, Dharwad, Karnataka State, India.
6. 'Studies on active ingredients and pharmacological activities of *Zanonia indica* L.' submitted by Smt. Madhura S. to Kuvempu University, Shankaraghatta, Shimoga for the award of Doctor of Philosophy in Botany, under the guidance of Dr. Shrishail C. H., Department of Applied Botany, Kuvempu University, Shanakaraghatta, Shimoga, Karnataka State, India.
7. 'Biological control of leaf spot disease on *Cassia angustifolia* Vahl. By *Trichoderma* species' submitted by Mr. Tagaram Nagamani to Osmania University, Hyderabad for the award of Doctor of Philosophy in Botany under the guidance of Prof. B. Narasimha Reddy (Retd.), Department of Botany, Osmania University, Hyderabad, Telangana State, India.
8. 'Studies on anti-obesity metabolites from *Dioscorea* species' submitted by Shri. Patil Ruturaj Sudhakar to Shivaji University, Kolhapur, for the award of Doctor of Philosophy in

Biotechnology under the guidance of Dr. Mansingraj S. Nimbalkar, Department of Botany, Shivaji University, Kolhapur, Maharashtra State, India.

9. 'Phytochemical Analysis and In Vitro Inhibition of Calcium Oxalate Crystallization by Some Selected Medicinal Plants, submitted by Mr. Bhosale Gangadhar Marotrao to Swami Ramanad Teerth Marathwada University, Nanded for the award of Doctor of Philosophy in Botany under the guidance of Dr. Sumanth G., Department of Botany, Indira Gandhi Sr. College, Cidco Nanded, Maharashtra State, India.
10. 'Isolation and purification of polyphenols of bee propolis and its pharmacological properties: An *in-vitro* and *in-vivo* evaluation' submitted by Miss. Sumedha Mishra to Bangalore University, Bengaluru for the award of Doctor of Philosophy in Botany, under the guidance of Prof. V. Sivaram (Retd.), Department of Botany, Bangalore University, Bengaluru, Karnataka State, India.
11. 'Collection and characterization of *Balanites Delile* from South India' submitted by Guggulada Govardhana Yadav to Karnatak University, Dharwad for the award of Doctor of Philosophy in Botany, under the guidance of Prof. H. Niranjana Murthy, Department of Botany, Karnatak University, Dharwad, Karnataka State, India.
12. '*In vitro* multiplication and enhancement of secondary metabolites in *Tribulus terrestris* L. – An important medicinal plant' submitted by Patil Umadevi Prabhugouda to Gulbarga University, Kalaburagi for the award of Degree of Doctor of Philosophy in Botany, under the guidance of Prof. Srinath Rao, Department of Studies and Research in Botany, Gulbarga University, Kalaburagi, Karnataka State, India.
13. 'Biofabrication of silver nanoparticles using flower buds extracts of selected members of Lamiaceae and evaluation of their mycotoxic potency on diseases of sorghum' submitted by Sri. Shashiraj K. N. to Karnatak University, Dharwad for the award of Doctor of Philosophy in Botany, under the guidance of Dr. Sreenivasa Nayaka, Department of Botany, Karnatak University, Dharwad, Karnataka State, India.
14. 'Screening of Potential Natural Bioactive Compounds from Some Plant Extracts and their Effects on Malaria Transmitting Mosquitoes' submitted by Miss. Sowmyashree K. to Mangalore University, Mangalore for the award of Doctor of Philosophy in Applied Botany, under the guidance of Prof. Raju Krishna Challannavar, Department of Applied Botany, Mangalore University, Mangalore, Karnataka State, India.
15. 'Assessing ecotoxicity of pesticide in fresh water microalgae' submitted by K. B. Nirmal Nevedhana to Thiruvalluvar University, Vallore for the award of Degree of Doctor of

Philosophy in Botany, under the guidance of Dr. M. Ayyappan, Department of Botany, Thiruvalluvar University, Vallore Tamil Nadu State, India.

16. 'Study on bryophyte diversity in Kannur district of Kerala' submitted by Neethu P. to Kannur University, Kannur for the award of Degree of Doctor of Philosophy in Botany, under the guidance of Dr. Sreeja P., Department of P.G. Studies and Research in Botany, Sir Syed College, Taliparamba, Kannur, Kerala State, India.
17. 'Comprehensive Evaluation of *Cassia mimosoides* L. for Antidiabetic Efficacy: Bioactive Compound Identification, Formulation Design and Pharmacological Studies' submitted by Muhammed Jasim A. to Academy of Scientific and Innovative Research (AcSIR), CSIR-Human Resource Development Centre, Ghaziabad for the award of Degree of Doctor of Philosophy in Science, under the guidance of Dr. Dr. A. Kumaran, Principal Scientist (Supervisor) and Dr. Jayamurthy P., Principal Scientist (Co-supervisor), CSIR-National Institute for Interdisciplinary Science and Technology (NIIST), Thiruvananthapuram, Kerala State, India.
18. 'Study of Traditional Healing Practices and Folk Medicines of Sonamukhi Block, Bankura District, West Bengal, India and Assessing the Antioxidant Properties of Selected Medicinal Plants' submitted by Aratrika Bhadra to CHRIST (Deemed to be University), Bengaluru for the award of Degree of Doctor of Philosophy in Botany under the guidance of Dr. Manjunath B. T., Professor, Department of Life Sciences, School of Sciences, CHRIST (Deemed to be University), Bengaluru, Karnataka, India.
19. 'Ethnobotanical and Pharmacological Studies of Some Plant Species in Chitradurga District, Karnataka, India' submitted by Mahesha N. to Kuvempu University, Shankaraghatta for the award of Degree of Doctor of Philosophy in Botany under the guidance of Dr. Shrishail, Assistant Professor, Department of P.G. Studies and Research in Applied Botany, Kuvempu University, Jnana Sahyadri, Shankaraghatta, Shivamogga District, Karnataka, INDIA
20. 'Ethnobotanical Studies of Bagalkot District, Karnataka' submitted by Mr. Vijaymahantesh S. Gobbi to Karnatak University, Dharwad for the award of Doctor of Philosophy in Botany, under the guidance of Dr. K. Koresh, Department of Botany, Karnatak College, Dharwad, Karnataka State, India.
21. 'Floristic Diversity of Koppal District, Karnataka' submitted by Mrs. M. Siddeshwari to Karnatak University, Dharwad for the award of Doctor of Philosophy in Botany, under the guidance of Dr. K. Koresh, Department of Botany, Karnatak College, Dharwad, Karnataka State, India.

D. Sc. Thesis Adjudicated

1. 'Studies on AM fungi and their role on four agro-forestry tree seedlings' submitted to Rani Chennamma University by Dr. H. C. Lakshman, Belagavi for the award of Doctor of Science.

Administrative Activities

Sl. No	Chairman/Member	Committee/Authority
1	Chairman	Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore from 19-03-2024 to 18-03-2026
2	Chairman	Department of Studies in Anthropology, University of Mysore, Manasagangotri, Mysore from 30-06-2026 to till date
3	Chairman	Board of Studies in Botany (PG and UG), Chamarajanagara University, Chamarajanagara, Karnataka State, from 2024 till date
4	Chairman	Department of Studies in Botany, VSK University, Ballari, 7/2019 – 12/2019
5	Chairman	Board of Studies in Botany (PG and UG), VSK University, Ballari 7/2019 – 12/2019
6	Chairman	Board of Examiners in Botany (PG) VSK University, Ballari 7/2019 – 12/2019
7	Chairman	PG Admission Committee, Department of Studies in Botany, VSK University, Ballari-2019
8	Chairman	Board of Examiners in Botany, University of Mysore, Mysore, Karnataka 2016-2017, 2019-2021, 2025 to till date
9	Member	Faculty of Science and Technology, University of Mysore, Mysore, 2014-2016, 2019-till date
10	Member	Faculty of Science and Technology, Karnatak University, Dharwad 2019-2020
11	Member	Board of Studies in Botany (PG), University of Mysore, Mysore
		Board of Studies in Genetics and Genomics (PG), University of Mysore, Mysore
		Board of Studies in Bioscience (PG), University of Mysore, Mysore
		Board of Studies in Anthropology (PG), University of Mysore, Mysore
		Board of Studies in Botany (PG), Tumkur University, Tumakuru, Karnataka 2013-14

		Board of Studies in Botany (PG), Kuvempu University, Shankaraghatta, Shimoga, Karnataka
		Board of Studies in Botany (PG), Yuvaraj's College (Autonomous), University of Mysore, Mysore
		Board of Studies in Botany (PG), Bengaluru North University, Tamaka, Kolar
		Board of Studies in Botany (UG), Bengaluru University, Jnana Bharathi, Bengaluru
		Board of Studies in Botany (PG), JSS College of Arts, Science and Commerce (Autonomous), Mysore
		Board of Studies in Applied Botany (PG), Kuvempu University, Jnanashyadri, Shankarghatta, Shimoga
		Board of Studies in Botany, Sri Padmavati Mahila University, Tirupati, Andhra Pradesh
		Board of Studies in Botany, University of Madras, Guindy Campus, Chennai, Tamil Nadu
12	Member	PG Admission Committee, DOS in Botany, University of Mysore, Mysore, Karnataka 2016- till date
13	Member	Board of Examiners in Environmental Science, University of Mysore, Mysore
		Board of Examiners in Botany, Rani Chennama University, Belagavi, Karnataka
		Board of Examiners in Botany, Gulbarga University, Kalaburagi, Karnataka
		Board of Examiners in Botany, P.G. Department of Botany, Yuvaraja's College (Autonomous), Mysore, Karnataka
		Board of Examiners in Botany, Tumkur University, Tumkur, Karnataka
		Board of Examiners in Botany, Bengaluru City University, Bengaluru, Karnataka
		Board of Examiners in Botany, Kuvempu University, Shankaraghatta, Shimoga
		Board of Examiners in Botany, Department of Botany (PG), Baharathi College (Autonomous), KM Doddi, Mandya Dist. Karnataka
14	Chairman	Doctoral Committee, Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore – 570 006, Karnataka (for 16 students)

15	Convenor	Doctoral Committee, Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore – 570 006, Karnataka (for 3 students)
16	Course Coordinator	M. Sc. Botany (CBCS) 2016-17 and 2021 to 2024
17	Course Coordinator	Ph.D. Course Work in Botany (CBCS) 2016-17 and 2021 to till date
18	Mentor	UGC-MOOCs SWAYAM courses, Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore – 570 006, Karnataka
19	IQAC Coordinator (Department Level)	Department of Studies in Botany, University of Mysore, Mysore 2020 to till date
	Faculty Advisor	Gautham Hostel, University of Mysore, Manasagangotri, Mysore for the academic year 2013-2014.

Professional Activities

Sl. No.	Chairman/Member	Committee/Authority
1	Organizing Committee Member	National Conference on Plant Biodiversity and Bioprospecting - 16 th & 17 th March 2009
2	Organizing Committee Member	National Conference on Plant Diversity and Plant Health - 11 th & 12 th March 2010
3	Organizing Committee Member	ISMPP-South Zone Conference on Fungal Diversity and Emerging Crop Diseases - 12 th & 13 th May 2011
4	Course Coordinator	Workshop on Fungal Biology and Taxonomy - 25 th to 30 th March, 2013
5	Organizing Committee Member	103 rd Indian Science Congress, held at UOM
6	Co-convenor	40 th Indian Social Science Congress held at UOM
7	Organising Chairman	Two Days National Seminar on 'Advances in Plant Sciences', 29-30 November, 2024
8	Convenor	One Day Workshop on 'Medicinal Plant Monograph Development' December 3, 2024
9	Organising Chairman	Seven Days Faculty Improvement Program on 'Experimental Plant Taxonomy, Fungal and Algal Biology' 16-22 December, 2024
10	Convenor	One Day National Workshop on Ni-Kshay 'Yakshma Samvada' Organized by Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore In Association with Government Ayurveda Research Center, Mysuru held on March 4, 2025.

11	Organising Chairman	Two Day National Symposium on ‘Global Menace of Emerging Plant Pathogens, Strengthening Diagnostics and Eco-friendly Management’ jointly organized by Department of Studies in Botany, University of Mysore and Indian Society of Plant Pathologist, Punjab Agricultural University, Ludhiana, Punjab held on March 7-8, 2025.
12	Organising Secretary	National Seminar on New Trends in Botany & XV All India Conference on Cytology and Genetics On the Theme ‘Classical and Contemporary Issues in Botany and Cellular Biology’ Jointly Organized by Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore - 570 006 & The Society of Cytologists and Geneticists, India at Institute of Excellence Auditorium, Vijnana Bhavan, University of Mysore, Manasagangotri, Mysore – 570006 held on 11-12 September, 2025
13	Organising Chairman	National Ayurveda Day- 2025 on the theme ‘Ayurveda for People and Planet’ Organized by Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore - 570 006 under the auspices of Botanical Society on 23 September, 2025

Conferences Attended:

Sl. No.	Title of Conference/ Seminar	Organized by	Year
1	National Seminar on Molecular Plant Pathology and Biotechnology for Sustaining Crop Production	Department of Studies in Applied Botany, University of Mysore, Mysore and Indian Phytopathological Society	November 28-29, 2007
2	38 th National Seminar on Crystallography	Department of Studies in Geology, University of Mysore, Mysore	February 11-13, 2009
3	UGC Sponsored National Conference on Emerging Trends in Medicinal Plants Research	Maharani’s College for Women, Bangalore	October 8-9, 2009
4	Dr. Norman E. Borlaug Commemoration National Conference on Plant Diversity and Plant Health	Department of Studies in Botany, University of Mysore, Mysore	March 11-12, 2010
5	TQM and HRD Facilitators’ Conference	Department of Learning and Development, College for Leadership and Human Resource Development, Mangalore held at Senate Bhavan, Bangalore University, Bangalore	May 2, 2010
6	Suvannrma Manasa-2011, Golden	Department of Studies in Botany,	February 15-

	Jubilee Celebration, UOM	University of Mysore, Mysore	24, 2011
7	ISMPP South Zone Conference on Fungal Diversity and Emerging Crop Diseases	Department of Studies in Botany, University of Mysore, Mysore and Indian Society of Mycology and Plant Pathology	May 12-13, 2011
8	National Conference on Cancer Biology	Department of Studies in Biochemistry, University of Mysore, Mysore	November 29-30, 2013
9	10 th Kannada Science Conference	Karnataka Science Congress	September 15-17, 2014
10	Annual Meeting of Georgia Association of Plant Pathologists	Georgia Association of Plant Pathologists, Savannah, GA	March 9-11, 2015
11	Annual University of Georgia Plant Center Spring Symposium	The Plant Center at the University of Georgia, Athens, GA	May 6, 2015
12	Genetics Today	Department of Studies in Genetics and Genomics, University of Mysore, Mysore	October 10, 2015
13	103 rd Indian Science Congress	University of Mysore, Mysore	January 3-7, 2016
14	XL Indian Social Science Congress	University of Mysore, Mysore	December 19-23, 2016
15	UGC Sponsored National Seminar on Ornamental Plants- Scope, Opportunities and Challenges	Maharani's Science College for Women, Mysore	March 21-22, 2017
16	National Symposium on Trends in Microbiology	Department of Studies in Microbiology, University of Mysore, Mysore	May 12, 2017
17	UGC Sponsored National Seminar on Plant Bio-fuel as a Sustainable Energy Conservation	UG and PG Department of Botany, Bharathi College, Bharathinagara, Mandya	August 8, 2017
18	NMPB Sponsored National Interaction Meeting of Practitioners and Researchers of Traditional System of Medicine	Kerala Forest Research Institute, Peechi, Thrissur, Kerala	October 12-13, 2017
19	Exposure cum Training on Biodiversity Conservation with Special Reference to Medicinal Plants	Kerala Forest Research Institute, Peechi, Thrissur, Kerala	November 18-19, 2017

20	UGC Sponsored National Seminar on Biofarming for Sustainable Agriculture	Maharani's Science College for Women, Mysore	March 13-14, 2018
21	National Workshop on Agrobiodiversity Conservation for Sustainable Socio-ecological Development	Centre for Ecological Economics and Natural Resources, Institute of Social and Economic Change, Bengaluru and Department of Applied Botany, Mangalore University, Mangalore	September 24, 2018
22	Frontier Lecturers on Seri-Biotechnology	Department of Studies in Sericulture Science, University of Mysore, Mysore	March 21-22, 2019
23	National Conference on Science and Technology: Rural Development	Indian Science Congress Association, Bangalore Chapter, Institute of Excellence and Center for Material Science and Technology, University of Mysore, Mysore	October 17-18, 2019
24	National Webinar on Canopy Architecture Management in Perennial Commercial Horticulture Crops	College of Horticulture (University of Horticultural Sciences, Bhagalkot), Bidar, Karnataka	19-20 July, 2021
25	International Conference on Multidisciplinary Approaches in Lichenology (Hybrid mode)	CSIR-National Botanical Research Institute, Lucknow, Uttar Pradesh, India.	28-30 September, 2022
26	ICSSR Sponsored Two Day National Conference on 'Agriculture Transformation and Rural Development in India: Issues, Challenges and Way Forward	Jointly organized by Centre for Study of Social Exclusion and Inclusive Policy and Department of Studies in Anthropology, University of Mysore, Manasagangotri, Mysore – 570 006	9-10 March, 2023
27	One Day National Conference on 'Environment, Health and Sustainable Development'	Department of Studies in Environmental Sciences, University of Mysore, Manasagangotri, Mysore-570 006	5 June, 2023
28	International Conference on 'Recent Advances in Bio-Nano Composites for Enhancing Human Health'	Gulbarga University, Kalaburagi, Karnataka State, India	8-9 January, 2024
29	National Seminar 'Advances in Plant Science'	Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore – 570 006.	29-30 November, 2024

30	National Seminar on New Trends in Botany & XV All India Conference on Cytology and Genetics On the Theme 'Classical and Contemporary Issues in Botany and Cellular Biology'	Jointly Organized by Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore - 570 006 & The Society of Cytologists and Geneticists, India at Institute of Excellence Auditorium, Vijnana Bhavan, University of Mysore, Manasagangotri, Mysore – 570006	11-12 September, 2025
31	National Seminar 'Recent Advances in Plant Science'	Department of Studies in Botany, University of Mysore, Manasagangotri, Mysore – 570 006.	4-5 December, 2025

Membership to professional Organization/Associations

Sl. No.	Name of the Association/Organizations	Life Member/Ordinary Member
1	Indian Society of Mycology and Plant Pathology	Life Member
2	Indian Science Congress Association	Life Member
3	Indian Lichenological Society	Life Member
4	National Environmental Science Academy	Life Member
5	Mycological Society of India	Life Member
6	Society of Cytologists and Geneticists, India	Life Member

Other information

- Recognized Guide in Botany of the University of Mysore.
- Recognized Guide in Microbiology of the University of Mysore.

(Rajkumar H. Garampalli)