

Faculty Profile



Dr. Rashmi, S.

M.Sc., M.Phil., Ph.D

ASSISTANT PROFESSOR
PG DEPARTMENT OF BOTANY

Qualification

Programme	Specialization	Institution/University
M.Sc.	Botany	University of Mysore
M.Phil.	Botany	University of Mysore
Ph.D.	Botany	University of Mysore

Articles in journals

Sl. No	Title	Name of Journal	Date of Publication	Volume No/Issue No/Page No
1	<i>Invitro</i> anti-obesity effect of macro lichens <i>Heterodermia leucomelos</i> and <i>Ramalina celastri</i> by pancreatic lipase inhibitory assay.	<i>International Journal of Pharmacy and Pharmaceutical Sciences,</i>	2017	9 (5) :137-140
2	Lichens of Mysore District in Karnataka State – A Contribution to Indian Lichen Inventory.	<i>Journal of Mycology and Plant Pathology</i>	2016	46(3) : 250 – 258
3	Investigation of macrolichens for antifungal potentiality against phytopathogens.	<i>Indo American Journal of Pharmaceutical</i>	2016	6(4) : 5290-5296

		<i>Research</i>		
4	<i>In vitro</i> inhibitory activity of some lichen extracts against α - amylase enzyme.	<i>European Journal of Biomedical and Pharmaceutical Sciences</i>	2016	3(6): 315-318
5	Enumeration and new records of lichens in Kodagu district- a micro hotspot in Western Ghats of Karnataka.	<i>International Research Journal of Environmental Sciences</i>	2015	4(12): 17-25
6	Evaluation of antifungal activity of lichen extracts against phytopathogenic fungi <i>Macrophomina phaseolina</i> (Tassi) Goid.	<i>International Journal of Current Research</i>	2015	7(7): 17718-17721
7	First report of foliicolous lichen biota in South Karnataka-India.	<i>International Journal of Current Microbiology and Applied Sciences</i>	2015	4(6): 250-256
8	Screening of lichen extracts for <i>in vitro</i> antidiabetic activity using alpha amylase inhibitory assay.	<i>International journal of Pharmaceutical and Biological sciences</i>	2015	6(5): 364-367
9	Evaluation of fungistatic potential of lichen extracts against <i>Fusarium solani</i> (Mart.) Sacc. causing Rhizome rot disease in Ginger.	<i>Journal of Applied Pharmaceuticals</i>	2015	5(10): 67-72
10	Preliminary phytochemical screening of different solvent extracts of lichens from Kodagu district, Karnataka.	<i>Journal of Pharmacognosy and Phytochemistry</i>	2014	3(4): 209-212
11	Efficacy of lichen extracts as biocontrol agents against <i>Fusarium oxysporum</i> sp. <i>capsici</i> .	<i>Advances in Applied Science Research</i>	2014	5(5): 273-277
12	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>	2011	1(1): 11-15

Seminars/Conferences/Symposium/Workshops

Sl. No	Name of the Conference /Seminar /Symposium/ Workshop	Type of Program	Title of the Article	Role	Venue/ place	Date
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1	Current Developments and Next Generation Lichenology	National Conference	Assessment of lichen diversity in Malay Mahadeshwara Wildlife Sanctuary of Karnataka	Poster Presentation	National Botanical Research Institute, Lucknow	27 and 28- 01- 2018
2	Green technology for health and environment: Implementations and Policies	International conference	A study on diversity and ecology of lichens in Chamundi hills in Mysuru district, Karnataka	Oral Presentation	GKVK, Bangalore	15 and 16 -12- 2016
3	103 rd Indian Science Congress	Conference	Potential efficacy of the antifungal metabolites from Macrolichens of Karnataka against phytopathogenic fungi	Poster Presentation	University of Mysore, Mysuru	3 to 7- 01- 2016
4	103 rd Indian Science Congress	Conference	<i>In vitro</i> anti-hyperglycemic property of some lichen extracts	Poster Presentation	University of Mysore, Mysuru	3 to 7- 01- 2016
5	Cryptogams	National conference	Pancreatic lipase inhibitory effect of <i>Ramalina celastri</i> (Sprengel) Krog & Swinscow	Poster Presentation	National Botanical Research Institute, Lucknow	28 and 29- 09- 2015
6	Biosciences: State- Of- The- Art Advancements	International conference	Diversity of Leaf-colonizing lichens in Madikeri district of Karnataka	Oral Presentation	Lakesong Resort, Kumarakom, Kerala	11 and 12- 09- 2014
7	Biodiversity, Bioresources and Biotechnology.	International conference	Diversity and distribution of Lichens in Biligiriranga hills, Chamarajanagar District of Karnataka	Oral Presentation	Hotel Quorum, Mysuru	30 and 31- 01- 2014
8	Innovations in	National	Phytochemical	Poster	Departme	3 and 4-

	Science and Technology for inclusive Development	Symposium	analysis and Antifungal activity of some Lichens against phytopathogenic fungi <i>Macrophomina phaseolina</i>	Presentation	nt of Studies in Zoology, University of Mysore	01-2014
9	Biodiversity and Sustainable Energy Development	International Conference	Diversity of lichens in Mysore district of Karnataka.	Poster Presentation	Hotel Novatel, Hyderabad	14 and 15- 09- 2011
10	Fungal diversity and Emerging crop diseases	South Zone Conference	Antifungal activity of some weedy plant species against <i>Macrophomina phaseolina</i> (Tassi) Goid	Poster Presentation	Department of Studies in Botany, University of Mysore	12 and 13- 05- 2011
11	Recent trends in Herbal Drug Research	National Seminar	-	Participated	JSS college of Pharmacy, Mysuru	17- 10- 2018
12	Advances in Biological Research	Symposium	-	Participated	CSIR-CFTRI, Mysuru	13-07- 2018
13	Intellectual Property Rights	Seminar	-	Attended	JSS-CACS, Mysore	11- 04- 2018
14	Biodiversity and Bio-prospecting for sustainable development	National Conference	-	Participated	Vijnana Bhavan, University of Mysore, Mysore	23 and 24- 02- 2018
15	Scientific advancements for sustainable development	National Conference	-	Participated	SDM College, Mysore	22 and 23- 02- 2018
16	Vignana mattu tantragnana sammelana (Science and Technology	Conference	-	Participated	JSS-CACS, Mysore	24 and 25- 11- 2018

	conference)					
17	Genetics today	Plenary talks	-	Participated	DoS in Genetics and Genomics, University of Mysore	10- 10- 2015
18	Cancer Biology	National conference	-	Participated	DoS in Biochemistry, University of Mysore	29 and 30- 2013
19	Microbial Energy	Symposium	-	Participated	DoS in Microbiology, University of Mysore	15-09- 2010
20	Plant Biodiversity and Bioprospecting	National Conference	-	Participated	DoS in Botany, University of Mysore	11 and 12- 03- 2010
21	Capacity Building	Workshop	-	Participated	JSS-CACS Ooty road, Mysore	24- 03- 2018
22	Quality of Higher education, Importance of research and ICT-enabled teaching	Workshop	-	Participated	JSS-CACS Ooty road, Mysore	30- 11- 2017
23	Techniques in Molecular biology	Workshop	-	Participated	DoS in Botany, University of Mysore	26 to 28- 03- 2008
24	Application of SPSS in Research Data Analysis	Workshop	-	Participated	SBRR Mahajana First Grade College, Mysore	4- 03- 2014
25	Shodhganga": A Digital repository of Indian e-Thesis and e-	Workshop	-	Participated	Mysore University Library	15- 02- 2014

	Dissertations					
26	Exploring Scifinder (Chemical Abstracts) for Scientific research in Academia	Workshop	-	Participated	Mysore University Library	04- 03- 2014
27	Fungal Biology and Taxonomy	Workshop	-	Participated	DoS in Botany, University of Mysore	25 to 30- 2013
28	Modern trends in research methodology”	Workshop	-	Participated	SBRM Mahajana first grade college, Mysore	20- 12- 2011
29	Advance training in Proteomics and Genomics	Workshop	-	Participated	Pooja Bhagavat memorial Mahajana Post Graduate centre, Mysore.	16- 09- 2011
30	Use of Anti-Plagiarism Software and J-Gate Plus Discovery Tool	Workshop	-	Participated	Mysore University Library	10- 12- 2014
31	Suvarna Manasa-2011	Workshop	-	Participated	University of Mysore	15 to 24- 02- 2011

Own MPhil/PhD Thesis

Sl. No.	Title	Guide Name	Institution	Month Year	Status
1	In vitro evaluation of antifungal activity of some invasive plant species	Dr. Rajkumar H. Garampalli	University of Mysore	April 2011	M. Phil Awarded
2	Diversity of Lichens in Southern Karnataka region and Bio-prospecting for novel compounds	Dr. Rajkumar H. Garampalli	University of Mysore	December 2016	Ph. D Awarded

MPhil/PhD Guided/Adjudicated

Sl.No.	Title	Name of the Student	Institution	Role	Month Year
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