

Bio data

Name	Sharada M. S.
Qualification	M. Sc., M. Phil., Ph. D.
Designation	Professor
Email. ID	msshara.botany@gmail.com
Phone number	9449810954, 0821-2419766,0821-2416413
Title of M. Phil Dissertation	Seed borne bacteria of paddy in different cultivars
Title of Ph. D thesis	Histological illustration of the intraction between Pennisetum glaucum and Sclerospora graminicola
Area of specialization	Plant Pathology , Host -Pathogen interaction, plant Biodiversity, Plant Breeding, Evolutionary Biology
Number of Ph. D candidates Completed	04
Present Ph.D candidates working	FIVE + ONE
Head of the Deapartment	2019-20 to till now
Academic work:	BOE 2012-2013 & 2019-2020
Co-ordinator	2012-2014
MEMBER:	Board of Studies (BOS) and Board of Examination(BOE)

Membership to professional

Organization/ Association	Indian Phytopathological Society (IPS), Association of Microbiologists of India(AMI) Mysore Chapter Current sciences. Indian science congress Association (Life member)
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PUBLICATIONS

- Mahesh, H.M., Murali, M., Anup Chandra Pal, M., Melvin Prasad and **Sharada, M.S.** 2017.Salicylic acid seed priming instigates defense mechanism by inducing PR-proteins in *Solanum melongena* L. upon infection with *Verticillium dahliae* Kleb. Plant Physiology and Biochemistry. Plant Physiology and Biochemistry 117 (2017) 12-23.
- Mahesh, H. M., **Sharada, M. S.**, Angel Catherine and Divya, C. R Histopathological Studies of *Fusarium moniliforme* Causing Root Rot of *Sorghum bicolor* L. IMPERIAL JOURNAL OF INTERDICIPLINARY RESEARCH. 2 (9) 2016. 1243-1251

- Divya C. R ., **Sharada M. S.** and Ashwini V. Isolation and Identification of Endophytic fungi in *Trigonella foenum graecum* L.. and their antibacterial activity. 2016. Imperial Journal of Interdisciplinary Research. 2 (9) 516-521
- Sharada M.S.**, Mahendra C., Shilpashree K.S and Mahesh H.M. 2016 Role of Mannitol on *Abelmoschus esculentus* L.. (okra) against Alternaria leaf spot disease. Indian Journal of Plant Sciences 5(2) 46-55
- Shilpashree K. S., **Sharada M. S.** and Janasin Sangeetha 2016. Cellular diseases progression study of *Aspergillus flavus* and *Fusarium solani* interaction with *Cicer arietinum* L.
- Mahesh H M and **Sharada M S.** 2014. Role of Salicylic acid in Induction of resistance in Brinjal against *Verticillium dahliae* Kleb. International Journal of Recent Scientific Research. 5(10). 1865-1870
- Divya C R and **Sharada M S** . Screening of *Piper nigrum* L. varieties/ cultivars against quick wilt caused by phytophthora capsici leon under green house condition. . International Journal of Recent Scientific Research. 72(1) 39-45.
- Hullatti k k and. **Sharada M. S** 2011. Studies on Diuretic activity of plants from Menispermaceae family. Derpharmacia sinica. 2 (1) 129-134.
- Hullatti k k and **Sharada. M. S.** 2010. Comparative Phytochemical investigation of the sources of Ayurvedic drug plants: A chromatographic finger printing Analysis. Indian journal of Pharmaceutical Sciences. 72(1) 39-45.
- Hullatti k k and. **Sharada M. S.** 2007. Antimicrobial activity of Cissampelos pereilla Cyclea peltata and stephania japonica Methonolic root extracts. Adv. Pharmacol. Toxicol. 8(3) JSSN-0937-236.
- Hullatti k k and. **Sharada M. S.** 2007. Morpho- anatomical studies of roots of three species of Menispermaceae. J. Tropical Med plants.
- Hullatti k k and. **Sharada M. S.** 2007. Comparative antipyretic activity of Patha: An Ayurvedic drug. Pharmacognosy Magazine. 3(11) 173-176.
- Divya C R and **Sharada M S** . Screening of *Piper nigrum* L. varieties/ cultivars against quick wilt caused by phytophthora capsici leon under green house condition. . International Journal of Recent Scientific Research. 72(1) 39-45.
- Hullatti k k and. **Sharada M. S** 2011. Studies on Diuretic activity of plants from Menispermaceae family. Derpharmacia sinica. 2 (1) 129-134.
- Hullatti k k and **Sharada. M. S.** 2010. Comparative Phytochemical investigation of the sources of Ayurvedic drug plants: A chromatographic finger printing Analysis. Indian journal of Pharmaceutical Sciences. 72(1) 39-45.

Hullatti k k and. **Sharada M. S.** 2007. Antimicrobial activity of *Cissampelos pereilla* *Cyclea peltata* and *stephania japonica* Methonolic root extracts. *Adv. Pharmacol. Taxicol.* 8(3) JSSN-0937-236.

Hullatti k k and. **Sharada M. S.** 2007. Morpho- anatomical studies of roots of three species of *Menispermaceae*. *J. Tropical Med plants.*

Hullatti k k and. **Sharada M. S.** 2007. Comparative antipyretic activity of *Patha*: An Ayurvedic drug. *Pharmacognosy Magazine.* 3(11) 173-176.

Seminars/ Conferences/ Workshops

SL. No	TITLE	ORGANISED BY	YEAR/ MONTH	ONLY PARTICIPATED	PARTICIPATED AND PRESENTED PAPER
1.	REGIONAL WORKSHOP ON TECHNIQUES IN MOLECULAR BIOLOGY "From DNA to Genes Isolation and Detection- a Practical approach"	Dos in Botany University Of Mysore and Rajiv Gandhi Chair In Contemporary Studies (MHRD, Govt Of India) Cochin University Of Science And Technology Cochin	March 26- 28 2008		participated
2.	National conference on PLANT BIODEVERSITY and BIOPROSPECTING	Dos in Botany Manasagangotri University Of Mysore	16-17th April 2009		Participated
3.	ISMP south Zone conference on fungal Diversity and Emerging crop disease	Dos in Botany Manasagangotri University Of Mysore	12 and 13th May 2011		Participated
4.	Plant diseases: New perspectives and Innovative management strategies	Dept of agricultural science, Dharwad and Indian Phytopathological society(south zone)	11-12 Decemb er 2014	Abstract	Participated
5.	NABS-National Seminar on Biological Products for Crop, Animal and Human Health-Problems and Prospects	Dos in Biotechnology Manasagangotri University Of Mysore	22 ND AND 23 RD August	Abstract	Participated

6.	Indian Science Congress Association	Dos in Botany Manasagangotri University Of Mysore	3rd-7th January 2016		Participated
7.	Indian Science Congress Association	Dos in Botany Manasagangotri University Of Mysore	3rd-7th January 2016		Audio Visual committee
8.	Science and Technology: Future Challenges and Solutions (STFCS-2016)	Auditorium, Vigyan Bhavan, Manasagangotri, University of Mysore, Mysore- 570 006, Karnataka,	Aug 8 - 9, 2016	Poster Presentation	Participated
9.	XL INDIAN SOCIAL SCIENCE CONGRESS,	Dos in Botany Manasagangotri University Of Mysore	19-23 Decemb er 2016	Rapporteur	Participated

Professional carrier

Designation	Date of joining(From)	To	University
Professor	2019	Till Date	Mysore university
Associate Professor	2005	2016	Mysore university
Senior lecturer	2003	2005	Mysore university
Lecturer	1996	2003	Mysore university

Examination work

- Worked as invigilator.
- Examiner practical examination.
- For two semester, paper has been evaluated
- Question paper set for two semesters university of Mysore
- Also worked as External Examiners and External Evaluator for Bangalore University and Gulbarga University.
- Question Paper set for Bangalore University.

List of Candidates Completed Ph. D.

Sl. No	Name of the Candidates	Title	Year of award
1	Kiran Kumar Hullatti	Pharmacognostic Evaluation of PATHA: An	2008

		Ayurvedic drug	
2	Mahesh H. M	Role of Salicylic acid in Induction and Analysis of Pathogenesis Related Proteins in Brinjal (<i>Solanum melongena</i>) against <i>Verticillium dahliae</i>	2019
3	Divya C. R	Role of Rhizospheric soil fungi in Inducing resistance against <i>Phytophthora capsici</i> L.causing Quick Wilt of <i>Piper nigrum</i> L.	2019
4	Shilpashree K. S	Host pathogen interaction in susceptible and resistant genotypes of turmeric (<i>Curcuma longa</i> L.) against <i>Alternaria alternata</i> K. Leaf blight	2021

List of Candidates Pursuing Ph. D.

Sl. No	Name of the Candidates	Title	Year of Registration
1	Shivanand Jammihal	Illustration of effect of mulch and biomolecules on tomato (<i>Solanum lycopersicum</i>) yield and fruit quality	WOF PR0195/2014-15
2	Shreeshail B. Hadapad	Incidence and severity of Blight disease of Hot pepper caused by <i>Phytophthora capsici</i> in Karnataka and studies on its genetic inheritance	17-05-2014
3	Ravishankar H.G	Incidence and severity of Bacterial diseases of tomato (<i>Solanum lycopersicum</i>) and studies on inheritance of plant disease	03-12-2014
4	Khadijeh Alsadat Tahamtan (Foreign national)	The effect of Salicylic acid application in Drought stress on Germination, seed early growth and yield of Fenugreek seeds.	03-05-2016

List of candidates completed M.Phil

Sl. No	Name of the Candidates	Title	Year of completion
1	Shilpashree K. S		2009-10
2	Mahesh H M	Role of salicylic acid in induction of resistance	2010-11

		in brinjal against <i>Verticillium dhaliae</i> kleb.	
3	Mahendra C	Role of Mannitol on <i>Abelmoschus esculentus</i> L. (okra) against <i>Alternaria</i> leaf spot disease	2011-12
4	Shivaprasad	Studies on antifungal activity From Leaf Extracts of <i>Clerodendrum inermae</i> and <i>dature erecta</i> L. On the seedlings of maize and Sorghum	2011-12
5	Sangeetha	Histopathological studies on chickpea varieties against common fungal Pathogens	2012-13
6	Nazia Banu	Induction of Resistance by using Elicitors against Wilt diseases of brinjal (<i>Solanum melongena</i>)	2013-14

List of Research papers published by Dr. M. S. Sharada

Sl. No	Name of the Authors	Title	Year
1	M. S. Sharada., Sudheer A Shetty., H. S. Shetty and G. K. Karanth	Seed borne bacteris of paddy and the influence of selected strains on the seedlings of health	1990
2	M. S. Sharada., Sudheer A Shetty., and H. S. Shetty	Impact of seed borne bacteria of paddy and their effect on seed and seedlings	1990
3	M. S. Sharada., Sudheer A Shetty., H. S. Shetty and G. K. Karanth	The seed borne bacteria of paddy and their effect on seed and seedlings	1992
4	M. S. Sharada., Sudheer A Shetty.,and H. S. Shetty	Infection Processs of <i>sclerospora graminicola</i> on pennisitum glaucum lines resistant and susceptible to dowry mildew.	1995

List of Research papers published under the guidance of Dr. M. S. Sharada

Sl. No	Name of the Authors	Title	Year
1	Mahesh, H. M., Sharada, M. S. , Angel Catherine and Divya, C. R	Histopathological Studies of <i>Fusarium moniliforme</i> Causing Root Rot of Sorghum bicolor L.	2016
2	Divya, C. R and	Isolation and Identification of Endophytic	2016

	Sharada, M. S	fungi in <i>Trigonella foenum graceum</i> l. and their antibacterial activity.	
3	Sharada M.S., Mahendra C., Shilpashree K.S and Mahesh H.M.	Role of Mannitol on <i>Abelmoschus esculentus</i> l. (okra) against <i>Alternaria</i> leaf spot disease	2016
4	Shilpashree K. S., Sharada M. S. and Janasin Sangeetha	Cellular Diseases Progression study Of <i>Aspergillus flavus</i> And <i>Fusarium solani</i> Interaction With <i>Cicer Arietinum</i> L	2016
5	Mahesh H M and Sharada M S.	Role of Salicylic acid in Induction Of Resistance in Brinjal against <i>Verticillium dahliae</i> Kleb.	2014
6	Divya C R and M . S. Sharada	Screening of <i>Piper nigrum</i> l. varieties/ cultivars against quick wilt caused by <i>Phytophthora capsici</i> leon under green house condition	2014
7.	Hullatti k k and. Sharada M. S	Studies on Diuretic activity of plants from Menispermaceae family. <i>Derpharmacia sinica</i>	2011
8	Hullatti k k and. Sharada M. S	Comparative Phytochemical investigation of the sources of Ayurvedic drug plants: A chromatographic finger printing Analysis	2010
9	Hullatti k k and. Sharada M. S	Antimicrobial activity of <i>Cissampelos pereilla</i> <i>Cyclea peltata</i> and <i>Stephania japonica</i> Methonolic root extracts	2007
10	Hullatti k k and. Sharada M. S	Morpho- anatomical studies of roots of three species of Menispermaceae.	2007
11	Hullatti k k and. Sharada M. S	Comparative antipyretic activity of Patha: An Ayurvedic drug. Pharmacognosy Magazine	2007

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