

Curriculum vitae

Name : Dr. Pushpa Kashiray.Kavatagi

Designation : Assistant professor of Botany

E-mail : pushpak.k2@gmail.com

Language : Kannada, English and Hindi

Educational qualifications:

Degree	College	Year	Result	Main subject
B.Sc	Basaveshwar science college Bagalkot	Apr-2006	65%	Chemistry, Botany and Zoology
M.Sc	Karnatak University, Dharwad	May-2008	64.12%	Botany
M.phil	Karnatak University, Dharwad	Sep 2009-10	81%	Microbiology
Ph.D	Karnatak University, Dharwad	Oct 2011-14	A ⁺	Botany
Research experience	1. M.phil Scholar, P.G. Department of studies in Botany, Karnatak University Dharwad. 2. Ph.D Research Scholar specialization in microbiology, P.G. Department of studies in Botany, Karnatak University Dharwad. Research Guide: Prof .Dr. H.C.Lakshman Thesis title: “ Arbuscular Mycorrhizal Fungi Studies on Some Varieties of <i>Solanum lycopersicum</i> L. ”			
Teaching experience	1. Guest Faculty in Department of Botany, Shri Veer Pulakeshi Arts, Commerce and Science Badami. 2. Teaching Assistant in Department of Botany , Karnatak Science College Dharwad.			
Fellowship	UGC New Delhi for providing financial assistance under the scheme RFSMS fellowship.			

Date of appointment : 18-04-2022
Department : Department of Botany ,Vijayanagar
College Hosapete- 583201

Research Publications

- Pushpa,K.K and Lakshman, H.C (2009).Screening of potential arbuscular mycorrhizal fungal isolates for *Costus speciosus*, a medicinal plant in unsterile soil. *Nature environment and pollution technology*, Vol: 8 (4) :673-676.
- Pushpa.K.K and Lakshman, H.C (2014). Screening of Arbuscular Mycorrhizal Fungi For Their Symbiotic Efficiency On *Solanum Lycopersicum* L . Research Scholar Vol IV No.1:4-11.
- Pushpa.K.K and Lakshman, H.C (2014). Studies of Interaction between AMF Nitrogen Fixer and Plant Growth Promoting Rhizobacteria on Two Varieties of *Solanum Lycopersicum* L .Research Journal of Agricultural Sciences 5(2):175-180.
- Pushpa.K.K and Lakshman, H.C (2014). Screening of efficient AM fungus to improve plant growth yield and biomass production of Tomato (*Solanum Lycopersicum* L). Science Research Report, 4(1):08-13.
- Pushpa.K.K and Lakshman, H.C (2013). Forest are Treasure of Resources their Damages and Method to Mitigation. Research Arena Vol 1:75-77.
- Pushpa.K.K and Lakshman, H.C (2015). Plant Diseases Caused by Viruses and Mycoplasma and their Control Measures. Recent Treand in Microbiology, Mycology and Plant Pathology Daya publishing House, New Delhi. Pp:313-324.
- Pushpa.K.K and Lakshman, H.C (2012). Effect of arbuscular mycorrhizal fungi for their symbiotic efficiency on two varieties of *Solanum lycopersicum* L. *International Journal of Pharma and Bio sciences*. 3(3) (B)1007-1017.
- Pushpa.K.K and Lakshman, H.C (2011).Biochemical Assessment on Three Medicinal Plants with Inoculation of Arbuscular Mycorrhiza and Growth Regulators. *Academic Journal of Plant Science* 4(3):84-93.

- Pushpa.K.K and Lakshman, H.C (2011). Impact of arbuscular mycorrhizal fungi ,
pressmud and Indol acetic acid in *Lycopersicon esculentum* L.*Int.J.
Environmental Sciences*. Vol:1(1):117-123.
- Pushpa,K.K and Lakshman, H.C (2010). Arbuscular Mycorrhizal Fungi and Plant
Growth Promoting Micro-organisms as disease control agents. In: Glimpses of
Arbuscular Mycorrhiza fungal research. Lamdert Academic Publisher,
Germany. pp: 49-56.
- Pushpa,K.K and Lakshman, H.C (2010). Response of *Phyllanthus reticulate* Poir.,
medicinal plants raised through stem cutting native AM fungi. *International
journal of plant science*. Vol. 5(1): 236-237.
- Pushpa K Kavatagi and Avitha K. Marihal., Investigation of Siderophore in
Mycorrhizal and Non-Mycorrhizal roots on two experimental plants.,
International Journal for Innovative research in multidisciplinary field., 2022.,
Volume - 8, page no., 31-38.,ISSN: 2455-0620

National and International Conference Attended

“Mycorrhiza for All: An Under-Earth Revolution”7th International Conference On
Mycorrhiza held on 7th to 11th Jan 2013, TERI New Delhi. **(Poster presentation)**

National conference of recent trends in Plant Sciences held on 18th and 19th March
2014 at Parvathibai Chougule College Goa. **(Oral presentation)**

UGC sponsored National level seminar on Biodiversity and its conservation 28th and
29th august 2009 organized by Dept of Botany K.N.D., C.S.I., B.M.H.E center Kittle
Science college Dharwad-01. **(Oral presentation).**

Kuvempu University XXXII All India Botanical conference and International
symposium on Diversity of plants and microbes present scenario. **(Poster
presentation).**

International conference on Environmental Management for Sustainable Development held on 20 and 21th Dec 2013 at Karnatak Science College Dharwad. Regional Science Association, Kolkata, India, Department of Geography, Karnatak science college, Dharwad, Karnatak,India. **(Oral presentation)**

National conference on Biodiversity and biotechnology for sustainable development organized by P.G.Department of studies in Botany , Karnatak University, Dharwad,Karnatak,India-580 003. **(Oral presentation).**

U.G.C. sponsored State Level Conference on “Conservation of Biodiversity” organized by K.L. E.Society’s Basavaprabhu Kore Arts, Science and Commerce College, Chikodi.

National Symposium on “Integrated Disease Management Strategies in Related To Climate Change in South India” organized by Department of plant pathology, college of Agriculture, University of Agricultural Science, Dharwad.

Three day’s special lecture series in Botany” sponsored by Karnatak Science and Technology Academy, Bangalore organized by P.G. Department of studies in Botany , Karnatak University, Dharwad,Karnatak,India-580 003.

One day workshop on “Techniques in Mycorrhizal Studies “ Sponsored by vision group of science and technology(VGST-CISE), Govt. of Karnataka. Attended one day workshope on Mycorrhizal techniques on 10th March 2012 at JSS College Dharwad.

State level Seminar on Biodiversity and Conservation held on 19th Jan 2012 held at SVP arts, comerace ans scienc college Badami.

Two day National Conference on “Eco-Restoration of Derelict Mined Lands”.K.L.E. Society’s Jagadguru Tontadarya College Gadag- Betgeri-582101.

International conference on science, engineering and technological held on 13 and 14th Aug 2022 held at Bangkok, Thailand. Scientific Research Association Unicaf

University, Zambia Institute of Educational Technology, Eurasian University & Research Culture Society. **(Oral presentation).**

One week National e-workshop on Innovation and Intellectual Property Rights, Innovative Technology Enabling centre (In TEC), CSIR- Institute of minerals and materials Technology, held on 12-17th June 2023 at Bhubaneswar-751013.

Career objective:

The main objective is to become a successful Botanist by making rich contribution to the scientific world. I desire a growth based on performance, accomplishment achievements.

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