


Faculty Name	Dr. Govindappa M	
Designation	Associate Professor	
Educational Qualifications	M.Sc, M.Phil, Ph.D	
Experience in Years	Teaching-11 years Research -15 years	
Area of Interest	Endophytes, natural products, biological activity, nanoparticles	
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International/National Journal Publications:

1. M. Govindappa, V. RavishankarRai,S. Lokesh. "Evaluation of some fungicides and bioagents against mycoflora and some diseases of safflower". *Journal of Basic and Applied Mycology*. vol. 2, pp. 7-11. 2004.
2. M. Govindappa, S. Lokesh, V. RavishankarRai. "New stem-splitting symptom in safflower caused by *Macrophominaphaseolina*". *Journal of Phytopathology*. Vol. 153, pp. 160-161. 2004.
3. K.S. Girish, M. Deepa, K. Harish Kumar, S. Nagaraju, M. Govindappa, M. Vedavathi, K. Kemparaju. "Antimicrobial properties of a non-toxic glycoprotein (WSG) from *Withaniasomnifera*(Aswagandha)". *Journal of Basic Microbiology*. Vol. 46, no. 5, pp. 365-374. 2005.
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5. R.B. Vinay, N. Sunayana, M. Govindappa, A.J.Mahadesh Prasad, S.T.Girish, S.Lokesh. "First Report of *Fusariumoxysporum*causing *Fusarium*wilt on *Thujaorientalis*in India". *Australasian Plant Disease Notes*. Vol. 2, pp. 87-88, 2007.
6. S. Lokesh, B.G. Bharath, B.R. Vinay,M.Govindappa. "Importance of plant growth promoting rhizobacteria in enhancing the seed germination and growth of watermelon attacked by fungal pathogens". *ActaAgronomicaHungarica*. Vol. 55, no. 2, pp. 243-249, 2007.
7. B. R. Vinay, S. Lokesh, M. Govindappa, T. Vasanth Kumar. "Dravya- an organic agent for the management of seed-borne fungi of sorghum and its role in the induction of defense enzymes". *Pesticide Biochemistry and Physiology*. Vol. 90, pp. 190-197, 2007.
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9. S. Lokesh, M. Govindappa, B.R.Vinay, "First report on the flower-rot of *Crossandrafundibuliformis*- a commercial flower crop in India". *Journal of General Plant Pathology*. Vol. 74, pp. 338-340, 2008.
10. B.R. Vinay,N. Sunayana, M. Govindappa, S. Lokesh,"Dravya, a inducer of systemic acquired resistance, activates gene expression and disease resistance against bacterial blight of cotton". *Research Journal of Chemistry and Environment*. Pp. 285-298, 2009.

11. M. Govindappa, S. Lokesh, V. RavishankarRai, V. RudraNaik, S.G. Raju SG. "Induction of systemic resistance and management of safflower *Macrophominaphaseolinaroot-rot* by biocontrol agents". *Archives of Phytopathology and Plant Protection*. Vol. 18, pp. 26-40, 2010.
12. C.P. Chandrappa, C.B. Shilpashree, M.R. Karthik, M. Govindappa, T.S. Sadananda. "Antibacterial and antioxidant activities of *Adiantumpedatum*". *Journal of Phytology*. Vol. 3, no.1, pp. 26-32, 2011.
13. M. Govindappa, S. Umesha, S. Lokesh. "*Adathodavasicaleaf* extract induces resistance in rice against bacterial leaf blight disease (*Xanthomonasoryzae*pv. *oryzae*)". *International Journal of Plant Physiology and Biochemistry*. Vol. 3, no. 1, pp. 6-14, 2011.
14. M. Govindappa, V. RavishankarRai, S. Lokesh. "*In vitro* and *In vivo* responses of different treating agents against wilt disease of safflower". *Journal of Cereals and Oilseeds*. Vol. 1, no. 1, pp. 16-25, 2011.
15. T.S. Sadananda, R. Nirupama, K. Chaithra, M. Govindappa, C.P. Chandrappa, B.R. Vinay. "Antimicrobial and antioxidant activities of endophytes from *Tabebuiaargentea* and identification of anticancer agent, Lapachol". *Journal of Medicinal Plants Research*. Vol. 5, no. 16, pp. 3643-3652, 2011.
16. M. Govindappa, T.S. Sadananda, R. Channabasava, B.R. Vinay. "*In vitro* anti-inflammatory, lipoxygenase, xanthine oxidase and acetylcholinesterase inhibitory activity of *Tecomastans*(L.) Juss. ex Kunth". *International Journal of Pharma and Bio-Sciences*. Vol. 2, no. 2, pp. 275-285, 2011.
17. M. Govindappa, T.S. Sadananda, R. Channabasava, M.K. Jeevitha, K.S. Pooja, B.R. Vinay, "Antimicrobial, antioxidant activity and phytochemical screening of *Tecomastans*(L.) Juss. ex Kunth". *Journal of Phytology*. Vol. 3, no. 3. PP. 68-76, 2011.
18. M. Govindappa, S. Naga Sravya, M.N. Poojashri, T.S. Sadananda, C.P. Chandrappa, "Antimicrobial, antioxidant and *in vitro* anti-inflammatory activity of ethanol extract of *Wedeliatrilobata*". *Journal of Pharmacognosy and Phytotherapy*. Vol. 3, no. 3, pp. 41-53, 2011.
19. M. Govindappa, N. Bharath, H.B. Shruthi, T.S. Sadananda, C.P. Chandrappa, P. Sharanappa. "Antimicrobial, antioxidant and *in vitro* anti-inflammatory activity and phytochemical screening of *Crotalaria pallida* Aiton". *African Journal of Pharmacy and Pharmacology*. Vol. 5, no.21, pp. 2359- 2371, 2011.
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22. M. Govindappa, N. Bharath, H.B. Shruthi. "*In vitro* antioxidant activity and phytochemical screening of endophytic extracts of *Crotalaria pallid*". *Free Radicals and Antioxidants*. Vol. 1, no. 3, pp. 40-47, 2011.
23. M. Govindappa, R. Channabasava, D.V. Sowmya, J. Meenakshi, M.R. Shreevidya, A. Lavanya, T.S. Sadananda. 2011. "Phytochemical screening, antimicrobial and *in vitro* anti-inflammatory activity of endophytic extracts from *Loranthussp*". *Pharmacognosy Journal*. Vol. 3, no. 25, pp. 82-90, 2011.

24. M. Govindappa, S. Naga Sravya, M.N. Poojashri, Gustavo Santoyo, T.S. Sadananda, C.P. Chandrappa, P. Sharanappa, N.V. Anil Kumar. "Antimicrobial, antioxidant and *in vitro* anti-inflammatory activity of water extract of *Wedeliatrilobata*". *Journal of Medicinal Plant Research*. vol. 5, no. 24, pp. 5718-5729, 2011.
25. D.P. Shruthi, K.E. Sunitha, E. Haritha Kumari, M. Govindappa, K.G. Siddalingeshwara. "Phytochemical screening, antioxidant and anti-inflammatory activity of different extracts from leaf, stem and bark of *Tectonagrandis*". *International Journal of Research in Pharmacology and Pharmacotherapeutics*. Vol. 1, no. 2, pp. 140-146, 2012.
26. Gustavo Santoyo, Ma del Carmen Orozco-Modqueda, M. Govindappa. "Mechanisms of biocontrol and plant growth-promoting activity in soil bacterial species of *Bacillus* and *Pseudomonas*: a review". *Biocontrol Science and Technology*. Vol. 22, no. 8, pp. 855-872, 2012.
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35. Channabasava, M. Govindappa, T.S. Sadananda. "*In vitro* anti-diabetic activity of parasitic plant, *Dendrophthoe falcate* (L.f) Ettingsh". *Natural Product: An Indian Journal*. Vol. 9, no. 8, pp. 311-318, 2013.
36. S. Ranganatha, S.D. Shruthi, M. Govindappa, Y.L. Ramachandra. "*In silico* studies of NF- κ B protein as anti-cancer and anti-inflammatory target". *Journal of Computational Methods in Molecular Design*. Vol. 3, no. 3, pp. 26-33, 2013.

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38. T.S. Sadananda, M. Govindappa, Y.L. Ramachandra. "Evaluation of cytotoxic activities of endophytic fungal lectin from *Viscum album* using *in vitro* model systems". *International Journal of Comprehensive Pharmacy*. Vol. 8, no. 5, pp. 1-9, 2013.
39. Ipseeta Jena, Sadiqa, M. Govindappa. "Tissue inhibitors of Metalloproteinases (TIMPs) from *Aspergillus flavus*-a new dimension for the treatment of rheumatoid arthritis". *International Journal of Innovative Research and Development*. Vol. 2, no. 9, pp. 159-165, 2013.
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the endophytic fungi *Alternaria* sp. from *Viscum album* using MADLI-TOF-MS and their antibacterial activity". *Drug Invention Today*. vol. 6, no. 5, pp. 105-112, 2014.

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- A. Kulkarni, M. Govindappa, Channabasava, C.P. Chandrappa, Y.L. Ramachandra, P.S. Koka, "Phytochemical analysis of *Cassia fistula* and its *in vitro* antimicrobial, antioxidant and anti-inflammatory activities". *Advancement in Medicinal Plant Research*. Vol. 3, no. 1, pp. 8-17, 2015.
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