

Publications

A) National journals

1. **Ammani, K.**, Venkateswarlu, K and Rao, A. S. 1985. Development of Vesicular arbuscular Mycorrhizal fungi on an upland rice variety. **Current Sciences** 54(21):1120-1122. (**IMPACT FACTOR: 0.833**).
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4. **Ammani, K.**, Rossaiah, G., Rao, A. S., Saryanarayana, A. and Seenaiyah, P. 1989. Increased mycorrhizal colonization in gamma ray induced green gram micromutants. **Current Science** 58(11): 630-631.
5. **Ammani, K.**, Rao, S. S and Venkateswarlu, K. 1990. Mycorrhizal associations on three species of Pennisetum. **Journal of Indian Botanical Society** 69: 381-385.
6. **Ammani, K.**, and Rao, A. S. 1991. Development of Vesicular Arbuscular Mycorrhizal fungi as influenced by potassium nitrate application In D. J. Bagyaraj and A. Manjunath (eds.) "Mycorrhizal symbiosis and plant growth" University of Agricultural sciences, Bangalore.
7. Ammani, K., Venkateswarlu, K. and Rao, A. S. 1994. Vesicular-arbuscular mycorrhizal in Grasses: Their occurrence, identity and development. **Phytomorphology** ,44 (3 & 4): 159-168. (GIF IMPACT FACTOR: 14.1).
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9. Marry Sandeepa and **AMMANI. K.** 2008. Survey of Arbuscular Mycorrhizae in plants of Nandyal and Anantapur Environments. **In Recent trends in Life sciences**

10. Swapna. V.L., Sudha. K. and **AMMANI. K.** 2009 Association of AM fungi in medicinal plants in coal mines of Mancheriala.) **Mycorrhiza** News. April issue
11. Ammani.K 2008. Field studies of AM fungi in cereals and millets In **Recent trends in Life Sciences**.
12. Mary sandeepa and **Ammani.K** 2009. Effect of Glomus mosseae on selected plant species. In **ANU Journal of Natural Sciences**1 (1) 5-6.
13. Sujatha lakshmi & **Ammani.K.**2009. Microbiological analysis of Milk and milk products. **ANU journal of Natural Sciences** vol.1 (2)
14. Viswakanakam,Y & **Ammani.K** 2009. Mangrove fl.ora of hitherto unknown vasishta-vyanateyam estuarine complex of east Godavari district in Andhra Pradesh, India. In **Seshaiyana**. Vol.117 (3) 1-2.
15. Swapna NL & **Ammani.k**, Prasanth kumar & PrasadSHKR. Effects of Piper leaf extracts towards microbicidal activity against human pathogens on Emerging trends in **Biomedical Research** 418-424.
16. Sudha.K. and **AMMANI. K.** 2010. Arbuscular Mycorrhizal fungi in medicinal plants. In Thrissur district in Kerala **Mycorrhiza news** vol.21,4.,Jan2010,13-17.
17. Sunil babu. K & **Ammani.K** 2010. Medicinal plants of Acharya nagarjuna University campus and its immediate surrounding environment. **Journal of Non-Timber Forest products**.vol.17 (2)209-221.
18. Anil Kumar.V, **Ammani.k.** & Bussi Siddhardha. *In vitro* antimicrobial activity of leaf extracts of certain mangrove plants collected from Godavari estuarine of konaseema delta, India. **Indian Journal of Medicinal & Aromatic Plants**, vol.1 No.2, Sept2011, 1-5. (**SJR Impact Factor: 0.221**).
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20. Sujatha & **Ammani.K** 2013 Growth in Vignamungo as influenced by Glomus fasciculatum , Pseudomonas fluorescens Os 25 and Trichoderma viride. **Mycorrhiza news** Vol.25 (1) April 2013.
21. Srinivasa Reddy Ch, **Ammani K**, Rose Mary T. *In vitro* evaluation of fibrionolytic and antioxidant activities of Maba buxifolia (Rottb.) Juss. Stem. **Journal of Pharmacognosy and Phytochemistry**, 2015, 3 (5): 148-151.

22. Srinivasa Reddy Ch, **Ammani K**, Rose Mary T. GC-MS Studies of Maba buxifolia [Rottb] Juss. Stem. **Journal of Global Biosciences**, 4, 1, 1193-1197.ISSN2320-1355.Impact factor1.11
23. Srinivasa Reddy Ch, **Ammani K**, Rose Mary T. Phytochemical analysis of Maba buxifolia (Rottb) Juss.Stem. **Indian Journal of Applied Research**, 2015, 5 (3).ISSN No.2249-555. Impact factor3.6
24. Stutee Gupta, Ammani K & Saranam Singh . “Active learning technique for Botany education in campus environment using open source web GIS application” in proceedings on “Open source GIS: opportunities and challenges (OSGIS-2015) in dept. of civil engineering IIT (BHU), Varanasi. From October 8th-10th, 2015.
25. Srinivasa Reddy, Ch., **Ammani, K.**, Rose Mary, T.,Nikhil Rajesh,D., Aravind , G. and Chandra Bala Sekaran. Phytochemical and GC-MS analysis of Commiphora caudate (Wt. & Arn.) Eng. Bark. **Indian Journal of Advances in Plant Research (IJAPR)**, Vol. 1(5): 24-29.
26. Devender R,Ramakrishna.H Srinivasa Reddy Ch, **Ammani k**. 2015 Palynodiversity of mangroves in gilakaladindi from Krishna district, A.P. **Phytomorphology. Vol.65 (3&4)**

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1. **Ammani, K.**, and Rao, A. S. 1996. Effect of two arbuscular mycorrhizal fungi, Acaulospora spinosa & A. scrobiculata on two upland rice varieties. **Microbiological Research.151 (3)235-237. (IMPACT FACTOR: 2.14).**
2. **Ammani, K** (2002). Triple Inoculation of VAM fungus and two nitrogen fixing bacteria on two cereals.**Asian J of Microbiol.Biotech.Env.Sc.** vol.4 No.1 2002,99-105
3. Swapna. V. L ., Sunil Babu. K & **K. AMMANI (2008)** Survey of AM fungi on medicinal plants in and around acharya nagarjuna university. **Asian Jr. of Microbiol. Biotech. Env.Sc.** Vol. 10 No. (4) 801-802.
4. S Asian Jr. of Microbiol. Biotech unil Babu,K. and **Ammani,K.**(2008). Antimicrobial activity of Acacia leucephloea **Asian Jr. of Microbiol. BiotechEnv.Sc.**vol.10 No.4939-941.
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12. Sunil babu,K., **Ammani.K**, Varaprasad B 2010. Fungicidal properties of some Medicinal plants against Colletotrichum capsici2071. **International journal of Contemporary Research and Review**. Vol,1 Issue 6.
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26. Sujatha & **Ammani.k** 2013. Chitinase production by isolates of fluorescent pseudomonas. **International journal of recent Scientific Research** vol.4 issue 9 1374-1377, September 2013. (**Impact Factor: 1.136**).
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29. Vundru Anil Kumar, **Ammani.K.,** Busi Siddhardha, Uppalapati Sridhar, Gudapati Arvind kumar. 2013. Differential Biological activities of solvent extract of *Cerops decandra*(Griff) and their phytochemical investigations . **Journal of Pharmacy Research(JOPR).** 1-7. (**IMPACT FACTOR: 2.66**).
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31. Sarath Chandra Bose, Nirmala mary & **Ammani.k.** 2013. Screening of antimicrobial activity of *Cymbopogon caesius* and *Cymbopogon coloratus* essential oils. **International Journal of Biopharma Research.**2013. 02 (01) 55-57.
32. Sarath Chandra Bose.N & **Ammani. K.** 2013. Chemical composition and its antibacterial activity fo essential oil from *Cymbopogan jwarancusa*. **Int. J. Biopharma Research.**97-99.
33. Madhu latha D , **Ammani** & Jitendra Kumar. 2013. Development and validation of RP-HPLC method for quantitative analysis of Tolbutamide in pure and pharmaceutical formulations. **International Journal of Chemical Sciences:** 11 (4), 2013, 1607-1614.
34. Sujatha & **Ammani.k.** 2014. Phosphate solubilization by isolates of fluorescent pseudomonads. **International Journal of Advances in Pharmacy, Biology and Chemistry:** vol.3 (1) Jan-March 2014, 24-28. (**SJIF Impact Factor: 4.976**).

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- 46.Khulood Khalaf Jabbar, **Ammani.K**, Ganesh Dama & Balasubramanian Satyamurthy 2016. Evaluation of antimicrobial activity of commercial antibiotics against selective clinical isolates European journal of Pharmaceutical and Medical Research. 2016, 3(5), 484-494. Impact factor: 3.628.
- 47.Neeraja Y , **Ammani K**, Lumbini devi & Alekhya.2016. Renewable energy resource management – production of oil from algae. In European journal of Pharmaceutical and Medical Research .2016,3 ,10

B) Chapters in Books

- 1 **Ammani.k:** A chapter (8) on Yeast - In Recent trends in Microbiology- Madhu publishers.Editors. BBS Kapoor & Anil Arora . pages101-110 ISBN81-86644-23-7.. 2012
- 2 **Ammani.k, Lydia Swapna Nandam &Harikrishna Ramprasad S:** A chapter(6th) on “GC_MS studies and invitro and invivo Biological activities of solvent extracts of Mokkathotapappada leaves of Piper betel.Cv.Kapooriu, a Local cultivar pages 88-114. – In – Biodiversity, Biotechnology& Environmental conservation .Editors: Pawan Kumar Bharathi & Govind Bhandari. ISBN 93-5056-750-4 Discovery Publishing House New Delhi. 2015.
- 3 **Ammani.K** . A chapter on Arbuscular mycorrhizae – A potential biofertilizer. In Research Frontiers in Sciences. Pp176-187.

Distance education Books

- 1 Introduction to Microorganisms
2. Microbiological methods

3. Microbial genetics and Molecular biology
4. Environmental and Agricultural Microbiology

C) Books

C). Ammani.k., Srinivasa Reddy.Ch., & Hari ramaKrishna Prasad.,S: Flora of Gunadala hill Krishna district, A.P., India. Taxonomic studies of indigenous Plants on highlands -2014

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EDITORS FOR THE BOOKS

Associate editor for the book "Research Frontiers in Sciences"