



Dr. MAMIDI MAMATHA
Professor
Dept., of Basic and Social Sciences

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PROFILE SUMMARY:

Dr. M. MAMATHA is Professor in Forest Botany at Forest College and Research Institute. She has worked as Assistant Professor in the Dept., of Botany, Telangana University, Nizamabad for 11 years and 10 years in Research Experience. She completed her M.Sc. (Botany) and Ph.D from Osmania University, Hyd. She worked as Research Assistant in the Forest Department in Hyderabad and Research Associate in CSIR Project Dept.of Botany, Osmania University. She worked as a Lecturer in Botany in Dr. B.R. Ambedkar College, Hyderabad. She Published 20 Research papers in National/International Journals and attended 20 National/International Conferences / seminars. She Visited John Hopkins University Montgomery Country Campus Rockville, Mary land – USA and also visited Colombo University, Colombo, Srilanka and presented research papers. She is a life member of Journal Indian Society of Mycology and plant pathology. She served as Administrative positions like NSS programming officer, Director, SC-ST Cell Coordinator, Coordinator for Network of Indian Universities on cultural and biological diversity (NIUCBD), Director of Women Cell, Vice-Principal of University College, Chairperson Board of Studies in Botany, Chairperson Board of Studies in Forestry, Coordinator for Sports and Games and also Served as Dy, Director, Directorate of Academic Audit and science, Coordinator of examination branch in Telangana University. She is the member of Various Committees constituted by the University. She is recognized as Ph.D., supervisor and 5 research scholars are working under her guidance. She has represented as a senior athlete in National and All India Inter Universities in cycling and Athletics.

EDUCATIONAL QUALIFICATIONS:

- Ph.D** **1998**, Mycology and Plant Pathology, Department of Botany, Osmania University, Hyderabad, India.
- M.Sc:** **1991**, Botany from Osmania Science College, Osmania University, Hyderabad, India.
- B.Sc:** **1989**, Botany, Zoology and Chemistry from G.G. College, Nizamabad Osmania University, Hyderabad, India.

WORK EXPERIENCE:

Jan, 2018 to present

Professor, Basic & Social Sciences Dept., Forest College and Research Institute

Feb 2007 to Jan 2018

Assistant Professor, Telangana University, Nizamabad, Telangana

Nov 2002 to Feb 2004

Lecturer, Ambedkar College, Osmania University, Hyderabad

July, 2000 to December, 2002

Research Associate, in CSIR Project, Department of Botany, Osmania University, Hyderabad.

July, 1995 to March, 2000

Research Assistant in the Forest Department in Hyderabad.

Teaching Experience: 11 Years

Administrative Experience:

- Programme officer in NSS unit II Telangana university dichpally Nizamabad from 1st
- October 2010 to 30th June 2011 Director SC.ST Cell Telangana University Dichpally Nizamabad . (9-9-2011 to 26-9-2012)
- ✚ Convener sports and games committee Telangana University Dichpally Nizamabad. (17-8-2011 to 26-9-2012)
- ✚ Co coordinator in Network of Indian universities on cultural and biological diversity (NIUCBD) at Telangana University centre from 6-3-2012 to the till date.
- ✚ Member in board of studies department of Botany Telangana University for one year (1-3-2012 to 1-3-2013)
- ✚ Member in women protection committee in Telangana University.
- ✚ Member in Hostel Management committee Telangana University (14-02-2012 to till date.
- ✚ Director Women Cell Telangana University Dichpally Nizamabad from 26-09-2012 for one year.
- ✚ Programme officer NSS Telangana University Dichpally Nizamabad from 26-09-2012 for till the date.
- ✚ Vice-Principal University College, Main Campus Telangana University Dichpally, Nizamabad 06-08-2013 for One year.
- ✚ Chairperson Board of Studies for 2 years, Dept of Botany period from 21-01-2014.
- ✚ Chairperson Board of Studies for 1 year, Dept of Forestry (UG Course) 26-07-2013.
- ✚ Co-Ordinator, sports and games, Telanagana University, 29-03-2014 for 2 years.
- ✚ Selection Committee member in IBPS in 2013.
- ✚ 22rd National Children's Science Congress -2014, as a Evaluator .
- ✚ 23rd National Children's Science Congress -2015, as a Evaluator

Areas of Interest: Medicinal and Aromatic plants, Plant Pathology, Mycorrhizae, Forest Botany.

Research Guidance: 5 Ph.D., Scholars are working.

Publications: International 10, National 04.

RESEARCH EXPERIENCE

1. July, 2000 to December, 2002 – worked as Research Associate in CSIR Project under Prof. C.Manohara Chary, Department of Botany, Osmania University, Hyderabad. Title: Estimation of Fungi toxic and post inflectional compounds of some medicinal and Aromatic plants.

2. July, 1995 to March, 2000 – worked as Research Assistant in the Forest Department in Hyderabad. Title: Eucalyptus Clonal technology grafting of Non-timber Forest Plants, maintenance of test plots maintenance of medicinal plant gardens.

PAPERS PRESENTED

National 10 and International 11

SEMINARS/CONFERENCES/

WORKSHOPS PARTICIPATED AND PRESENTED

National 10 and International 11 Workshops 4

Countries Visited for Seminars and Conferences

1. International Conference on Medicinal Plants and herbal products organised by John Hopkins University Montgomery Country campus Rockville Maryland USA 06-09-2012 to 08-09-2012. Presented paper on "Medicinal values of *Ailanthus excelsa* ROXB. Extract of stem bark"
2. 3rd International conference on Medicinal plants and Herbal products organised by Colombo University Colombo, Sri Lanka 19th to 21st Dec 2011. Presented a paper on "*Ailanthus excels ROXB* is a plant of heaven and its propagation". **Extra**

Curricular

Activities

Sports

1. (Athletics and Cycling) representation for Inter Universities and Senior Nationals.
2. In rural sports all India Bronze Medal.

PUBLICATIONS

M. Mamatha A. Nagamani, C. Manohara Chary, B.Badhraiah – A New host record in *Bipolaris specifera* (Bainier) Siubram. J.Mycol. Pl. Pathol 3291) 115-116 2002.

- ❖ **Dr.M.Mamatha** and B.Venkateshwar rao - Standardization of hormone concentrations in rooting of stem cutting of *Alianthus excels* Roxb.IJMCR ISSN:2321-3124(302- 303) Vol.2 (March/April 2014)

- ❖ **Dr.M.Mamatha** ,Womens role in early Buddhism Parinathi ISBN:9788192732350

(240-253) 2014. Commendation Certificate in Annual Conference Indian

Phytophthological Society Chennai, organized by Phytophathological Society India.

- ❖ **Mamatha.M**, V. Jalander and B. Venkateshwar Rao (2014). Vegetative

propagation
of *Eucalyptus* species through polyglobule. **Recent Res. in Sci. and Tech. 6(2):**

10-

11. (ISSN: 2076-5061)

- ❖ **Mamatha.M,** and B. Venkateshwar Rao (2014). Standardization of hormone concentrations in rooting of stem cuttings of *Ailanthus excels* Roxb. *Int. J. of Multidisciplinary and Current research.* 2(21):302-302.
- ❖ **Mamatha, M. (2014).** Natural Regeneration of Degraded Forests, Sample plot study at RFRC, Mulugu *Int. J. Pure App. Biosci.* 2 (3): 243-245.
- ❖ **Mamatha, M. and B. Venkateshwar Rao (2014).** Study on Continuous Harvesting of *Eucalyptus Tereticornis* in Clonal Multiplication area for Rooting of Leafy Cuttings. *Int. J. Pure App. Biosci.* 2 (3): 255-257 (2014)
- ❖ **Mamatha, M. and B. Venkateshwar Rao (2014).** Study on Coppicing Ability of *Eucalyptus Tereticornis* in Clonal Multiplication Areas. *Indian Journal of Applied Research,* 4(6):
- ❖ **Jalander, V. and M. Mamatha (2015).** Rhizosphere mycoflora of some leguminous crop plants. *Int. J. Pure & Appl. Biosci.* 3 (3):262-266 (ISSN: 2320-7051).
- ❖ **Jalander, V. and M. Mamatha (2015).** Occurrence and assessment of vesicular arbuscular mycorrhizal (VAM) fungi in some medicinal plants of apocyanaceae family. *Journal of Global Biosciences.* 4(5): 2239-2243 (ISSN: 2320 1355).
- ❖ **Dr.A.A.HaleemKhan,Dr.V.Jalander,Dr.M.Mamatha, Prof.B.VidyaVardini (2015)**An Ethnobotanical study of Medicinal flora from *Euphorbiaceae*. Proceedings at International Science Congress 25th -26th July 2015.Pages 272-281.International E-Publications
- ❖ Prashanthi.S,V.Jalander and **M.Mamatha** (2015) The vasicular Arbuscular mycorrhizal Associations with two medicinal plants in Telangana University campus,Nizamabad(T.S.)India.ISSN.No.IJCRBP-2016-01-14::Reg., Vol.3.Issue -1.
- ❖ **Jalander.V,M.Mamatha,(2017)** Screening of some weeds against aed borne fungi of Pigeon pea *Cajanus cajan* (L.)MILLSP.].Volume -6,Issue-12,ISSN No.2277-8179. International Joournal of Scientific Research.

Prashanthi Sandepogu,Dr.M.Mamatha,(2017) Arbuscular Mycorrhizal (AM) Association of Herbal Flora of Telangana University,Nizamabad (T.S) India.ISSN (Online) 2319 – 7064.International Joournal of Scientific

Jalander.V,**M.Mamatha,(2017)** Antimycotic Activity of Important Medicinal Plants

against Wilt pathogen of Pigeon pea and leaf spot of Tamoto.ISSN: 2347 – 4688,Vol.5,No.(3) 2017,Pg.336-341.Current Agriculture Research Journal.

SEMINARS AND CONFERENCES ATTENDED :-

1. Annual Conference Indian Phytopathological society, Chennai from 21st – 22nd Jan.,2001, Poster Paper entitled effect of *Pseudomonas* on the growth of niger (*Guizotia obysinica* Cass).
2. National Symposium on Frontiers on plant Sciences, Hyderabad by Osmania University, Hyderabad from 10th -11th March 2001 Abstract No.48 Poster Presentation entitled Impact on the leaf area yield of niger.
3. Frontiers in Fungal Bio Technology and Plant Pathogen Relations. International Conference by UGC-SAP Osmania University, Hyderabad from 16th-18th Jan.,1999 Abstract No. 74 on effect of VAM ,PGPR on the growth of niger.
4. Symposium of Frontiers of Microbial Biotechnology by Kakatiya University

- ,Warangal 11th-13th Nov., 1994 Abstract No.32- Biology Control of root of *Trichoderma veridi*.
5. Symposium on Mycotoxins by UGC-DRC from 28th Feb., to 1st March 1993, participated .
 6. 24th all India botanical Conference and National Symposium on Botany in New Millennium by UGC – SAP –II and CSIR from 19th – 21st Nov., 2001 on Effect of VAM-PGPR on growth of niger (*Guizotia abyssinica Cass*), oral presentation.
 7. Vascular Arbuscular Mycorrhizal Fungi and their impact on Agro Forestry by UGC-Department of Botany from 14th -15th Dec.,1991. Participated in the workshop.
 8. Frontier on Plant Sciences by UGC-SAAP-II-Department of Botany, Osmania University from 10th-11th March 2001. Participated in National Symposium.
 9. National Symposium on Plant Pathogens diversity in relation to Plant Health by Department of Botany, Osmania University,UGC-SAAP-II from 16th-18th Jan., 2003. Participated in National Symposium.
 10. 2nd Asian Congress of Mycology and plant pathology, Microbial diversity for Asian prosperity by Indian Mycology and plant pathology, Society from 19th-22nd December 2007 Participated in 2nd Asian Congress.
 11. 1st International Seminar on Medicinal Plants and Herbal Products by Department of Botany Sri Venkateswara University, Tirupathi, A.P., from 7th -9th March 2007. Paper presentation on Estimation of Phenolics, Flvonoids in the Health & diseased Plant materials of *Murraya Koenigii*.
 12. A.P.Science Congress 2008 by Osmania University, Hyderabad from 14th -18th November 2008, on vegetative Propagation of forest species through Polyglobule .
 13. Advances in Biotechnology for Plant Protection by University of Mysore 17th-19th Nov.,2008, on Effect on AM fungi on Niger.
 14. 2nd International Seminar on Medicinal Plants and Herbal Products by Department of Botany,Sri Venkateswara University,Tirupathi,A.P., from 27th-29th Dec.,2009, on Effect of *Pseudomonas aeruginosa* and *Glomus mossae* on the growth promotion of *Simarouba gluca*.DC.
 15. 3rd International Seminar on Medicinal Plants and Herbal Products by Colombo University,Srilanka , from 19th -21st Dec., 2011, on *Ailanthus Excelsa* Roxb is a plant of heaven and its propagation.
 16. National Conference on New Frontiers in Medicinal Plants Research (NCMP-2015) on Feb 26th -27th 2015, at Osmania University College for Womens,Koti,Hyderabad,Telangana on Rhizosphere Mycoflora of some important Medicinal Plants.
 17. ISPP south zonal seminar on Allenges and opportunities Crop Physiology-emerging challenges for sustainable Agriulture organized by department of crop physiology . S.V.,agricultural college &RARS, Tirupathi 3RD MARCH 2015,on methods to Process Isolation of VAM /Am Vascular plants and Rhizosphere soil in

Nizamabad

Dist., in Telangana.

18. Research Development and Consultancy Cell at University College of Science, Osmania University, HYDERABAD- ONE DAY ORIENTATION PROGRAMME ON 'RESEARCH AND CONSULTANCY' 23rd SEPTEMBER 2015.
19. National Conference on Emerging Research Trends in Plant Sciences in 21st century organised by the Department of Botany, Kakatiya University, Warangal, Telangana State, during 12th -13th February 2015.
20. 6th Indian youth science congress from January 19-21 held at Acharya Nagarjunana University, Guntur. Andhra Pradesh, on Effect of Mycorrhizal Fungi and PGPR on the Yield and Oil Content of Niger (*Ghizotian abyssinica Cass.*)
21. National conference on bioinformatics drug discovery and microbial technology from 22nd -24th December held at platinum Jubilee Auditorium, PGRRCDE, Osmania University, Hyderabad, on Occurrence of Vasicular Arbusicular mycorrhizal fungi in some medicinal plants of Apocyanaceae.
22. State Level Seminar on Current Trends and Prospects at Interface of Chemistry and Botany Organised by the Department of Chemistry & Botany A.V. College, Gagan Mahal, Hyderabad, Participated.

SPORTS

Athletics & Cycling

Name of the Sponsor	Name of the Organizer	Event	Year	Nature of the Participation
Andhra Pradesh Sports Authority	Bihar State Sports Council	4x400 relay	1985-1986	All India Bronze Medal
Osmania University	University of the Kottayam, Kerala	Inter University Cross Country Race	23.11.1989	Participation as Compotator
Osmania University	Agriculture University of Hissor	Inter University Cross Country Race	22.10.1986	Participation as Compotator
Andhra Pradesh Sports Authority	XI Women National Championship at Chandigarh	800 Met. Run	19 to 23 November 1986	Participation as Compotator
Andhra Pradesh Sports Authority	Cycling Federation of India at Pune	20 th Cross Country Championship	13.02.1987	Participation as Compotator
Andhra Pradesh Sports Authority	Cycling Federation of India at Madras	20 kms Race	6 to 10 August 1986	Participation as Compotator
Andhra Pradesh Sports Authority	Cycling Federation of India at Secunderabad	20 Kms Race	27 to 31 October, 1987	Participation as Compotator
College Champion in Athletics in 1990-1991 as a Student of M.Sc. Final Botany in University College of Science, Osmania University.				

Membership Academic and Professional Organisations:

Life member, Indian science congress, Calcutta.

Life member, Journal of mycology and plant pathology.

Personal Data:

- Marital status : Married
- Languages known : English, Hindi, Telugu
- Interests : Listening to folk songs, reading Biographies
- Computer skills : Expertise in Various kinds of Software Applications
- Strengths : Integrity, Discipline, Approachability
- **Professor/Department** : Professor of Forest Botany, Basics & Social Science

F.C.R.I., Mulugu, Siddipet, Telangana State.

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