



Dr. M. Anuradha

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i/c

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**Employment
Record**

* Scientist, ICAR-IGFRI, Jhansi, 1995-98

* Scientist, ICAR-CTRI, Rajahmundry, 1998-2004

* Senior Scientist, ICAR-CTRI, Rajahmundry, 2004-2010

* Principal Scientist, ICAR-CTRI, Rajahmundry, 2010-2015

* Head, ICAR-CTRI Research Station, Kandukur, 2015-2020

* Principal Scientist and Head i/c, ICAR-CTRI Research Station, Kandukur, 2020-till date

Area of Interest

Nutritional and physiological aspects of crop plants

Publications

1. **Anuradha, M.** and Narayanan, A. (1991). Promotion of root elongation by phosphorus deficiency. ***Plant and Soil*** 136: 273-275.
2. **Anuradha, M.** and Narayanan, A. (1997). Root elongation of plants grown in phosphorus deficient soil and vermiculite.
3. ***Indian Journal of Plant Physiology*** 2: 65-67.
4. **Anuradha, M.,** Nageswararao, K. and Prabhakara Babu, D. (2003). Nitrogen utilization, leaf pigment biosynthesis and breakdown in light and dark cast varieties of FCV tobacco. ***Tobacco Research*** 29 (2): 155-160.
5. **Anuradha, M.** and Nageswararao, K. (2007). Nitrogen dose dependent metabolic shift from nitrate reduction to starch accumulation in flue cured tobacco varieties. ***Journal of Plant Biology*** 34 (1): 1-4.
6. **Anuradha, M.,** Nageswara Rao, K., Sivaraju, K., Deo Singh, K., Krishnamurthy, V. and Prabhakara Babu, D. (2007). Influence of deficiency and toxicity of essential plant nutrients on some physiological and biochemical changes in flue cured tobacco (*Nicotiana tabacum* L.). ***Tobacco Research*** 33 (2): 71-78.
7. **Anuradha, M.,** Nageswara Rao, K., Sivaraju, K. and Krishnamurthy, V. (2009). Effect of boron stress on growth, soluble protein and enzyme activities in flue-cured tobacco (*Nicotiana tabacum* L.). ***Indian Journal of Plant Physiology*** 14 (3): 315-318.
8. **Anuradha, M.,** Nageswara Rao, K., Chandrasekhararao, C. and Krishnamurthy, V. (2010). Relationship between Lamina chloride and leaf burn in flue-cured tobacco. ***Journal of Indian Society of Coastal Agricultural Research*** 28 (1): 51-54.
9. **Anuradha, M.,** Nageswara Rao, K., Sivaraju, K. and Krishnamurthy, V. (2010). Effect of Shade in Relation to Applied Nitrogen on Growth, Yield and Quality of Flue-Cured Tobacco (*Nicotiana tabacum* L.). ***Journal of Plant Biology*** 37 (2): 209-213.

10. **Anuradha, M.,** Krishnamurthy, V., Chandrasekhararao, C. and Nageswararao, K. (2010). Effect of chloride in irrigation water on quality of flue-cured tobacco. *Tobacco Research* 36 (1&2): 55-58.
11. **Anuradha, M.,** Sivaraju, K. and Krishnamurthy, V. (2013). Effect of water logging on gas exchange parameters, oxidative enzymes, yield and quality of flue-cured tobacco (*Nicotiana tabacum L.*). *Indian Journal of Plant Physiology* 18 (1): 67-70.

Awards/Honors

- **Fellow of Indian Society of Tobacco Science** by Indian Society of Tobacco Science CTRI, Rajahmundry at XV National symposium on Tobacco held during 19-20 July, 2019
- **Tobacco Board Award** for outstanding contributions in tobacco development by Indian Society of Tobacco Science CTRI, Rajahmundry at XV National symposium on Tobacco held during 19-20 July, 2019
- **Distinguished Scientist Award 2018** for outstanding contribution in the field of Plant Physiology by Venus International Foundation, Chennai.
- **Outstanding Scientist Award-2017** by International journal of Tropical Agriculture and Serial Publications Pvt. Ltd. New Delhi, India
- **ISTS award** for outstanding contribution in tobacco research for the triennium 2002-2005 and 2006-2009 by Indian Society of Tobacco Science CTRI, Rajahmundry
- **First prize for Poster Presentation** by Indian Society of Plant Physiology, IARI, New Delhi ISPP (1994)
- **Best Paper Presentation Award, ISTS (2011)** Indian Society of Tobacco Science CTRI, Rajahmundry
- **3rd prize for Poster Presentation** by Association of Agricultural Librarians and Documentalists of India (2014)
- Accredited as **Research guide** for PG students Venkatara- mannagudem, A. P.
- **Best Poster award** for Krishi Vigyan Kendra Kandukur by ICAR-ATRAI Zone X, during Annual Zonal Workshop of KVKs of Zone-10 (Andhra Pradesh, teangana, puducherry) at Hyderabad during 24-26 May, 2019