

Name and Designation : Dr. H. Ravisankar, Principal Scientist
Date of Birth : 07.07.1970 **Date of Joining ICAR** : 15.11.1994
Email : hravi.sankar@icar.gov.in
Telephone No (O) : 0883-2449871 **(M):** 9849418571
Educational Qualification : M.Sc., Ph.D (CSE)
Discipline : Computer Applications and IT



Service Particulars

- Scientist (1997-2008, CTRI, Rajahmundry)
- Senior Scientist (2008-14, CTRI, Rajahmundry)
- Principal Scientist (2014 - till date, CTRI, Rajahmundry)

Areas of Expertise for Consultancy Purpose

- Data Mining & Big Data Analytics
- Data Base Management System
- Expert System & Decision Support Systems.

Research Publications (Best Ten)

1. Ravisankar H, Naidu V, Sivaraju K, Johnbabu B. and Rao PVVS. 2014. Expert system for dairy cattle management. *Indian Journal of Animal Sciences* **84**(8): 891-896. (NAAS rating = 6.28)
2. Ravisankar H, Sreedhar U. and Sivaraju K. 2014. Expert system for insect pests of agricultural crops. *Indian Journal of Agricultural Sciences* **84**(5):607-11. (NAAS rating = 6.21)
3. Ravisankar H, Sarala K. and Murthy TGK. 2012. Knowledge based system for Rainfed Natu Tobacco Germplasm (*Nicotiana tabacum*). *Indian Journal of Agricultural Sciences*. **82**(8):54-57. (NAAS rating = 6.21)
4. Ravisankar H, Sivaraju K, Krishnamurthy V. and Raju C A. 2010. Expert system for identification and management of abiotic stresses in tobacco (*Nicotiana tabacum*). *Indian Journal of Agricultural Sciences* **80** (2), 151-154 (NAAS rating = 6.21)
5. Ravisankar H, Sarala K, Krishnamurthy V and Rao RVS. 2009. A software system for tobacco germplasm data. *Plant Genetic Resources Characterization and Utilization* **7**(2): 139-141. (NAAS rating = 6.87)
6. Ravisankar H, Anuradha M, Rao C C S, Rao K N and Krishnamurthy V. 2009. Expert system for the diagnosis of nutrient deficiencies in flue-cured tobacco (*Nicotiana tabacum*). *Indian Journal of Agricultural Sciences* **79** (1), 45-48. (NAAS rating = 6.21)
7. Raju K S, Reddy D D, Ravisankar H, Murthy T G K. and Murthy N S. 2017. Assessment of oxidative changes in tobacco seed oil stored at different conditions. *Journal of Environmental Biology* **38**: 297-303 (NAAS rating =6.78)
8. Rao KLMM, Siva Raju K. and Ravisankar H. 2016. Cultural conditions on the production of extracellular enzymes by Trichoderma isolates from tobacco rhizosphere. *Brazilian Journal of Microbiology* **47** (1), 25-32. (NAAS rating = 8.43)
9. Rao KLMM, Siva Raju K. and Ravisankar H. 2015. Antifungal properties of native Trichoderma isolates against Sclerotium rolfsii and Pythium aphanidermatum infecting tobacco. *Journal of Environmental Biology* **36**: 1349 - 1353 (NAAS rating =6.78)
10. Arati Paul, Riddhidipa Bhowmik, Chowdary V M, Dibyendu Dutta, Sreedhar U. and Ravisankar H. 2017. Trend analysis of time series rainfall data using robust statistics. *Journal of water and climate change* **8**(4) 691-700; (NAAS rating =7.25)

Awards/ Honours/ Recognitions

- Sri K. Devappa Award, ISTS (2000) ● Best Poster Award, ISCA (2005) ● Best Poster Award, ISEE (2013)
- Computational Biologist Award, SESR (2014) ● Associate Fellow, APAS (2015) ● Outstanding Scientist Award - 2015, VIFRA ● Outstanding Scientist Award, IJTA (2016) ● Outstanding Scientist Award, IOSRD (2017)