Dr. CHITRA SHANKER

Email-id:……..

Phone: 040-24591….. (O) …….. (M)

2. Personal biodata:

a) Position/Designation : **Principal Scientist**

b) Joining date in ICAR : **20/02/1995, (DOB: 15/11/1965)**

c) Discipline and Specialization : **Agrl Entomology (Biodiversity and IPM)**

d) Training/advance exposure in the area of work:

e) Contribution to the scientific advancement :

- Integrated pest management of citrus Pyslla and Blackfly and refining of mass rearing technique for Mallada boninensis
- Insect interactions and biodiversity analysis in agroforestry
- Pests of Jatropha curcas and their management
- Functional Biodiversity analysis of rice ecosystems
- Development of diagnostic tool for pests and diseases of rice

3. Future Planning of research :

- Biodiversity of rice pests and natural enemies by conventional and molecular methods
- Field predation assessment by molecular techniques
- Ecological engineering for conservation biological control
- Digital diagnostic tools for pests and natural enemies of rice

4. Publications (best five) :

Chitra Shanker and S. Uthamasamy 2010 Evaluation of some medicinal plants and their mixtures for their bio-efficacy against crop and stored product pests. Volume 43, Issue 2, Pages 140 – 148 (http://www.tandf.co.uk/journals/pdf/freeaccess/gapp2011.pdf)

Chitra Shanker and S.K. Dhyani. 2006. Insect pests of Jatropha curcas L. and the potential for their management, **Current Science**, 91(2): 162 – 163

Chitra Shanker and S. Uthamasamy. 2005. Pest management in greengram (Vigna radiata L.) grown under Agroforestry. Indian Journal of Agroforestry, 7(2) : 49 – 54.

Chitra Shanker and K.R. Solanki, 2000. Botanical pesticides - a historical perspective, **Asian Agri- History**, 4(3): 221 – 232.

Chitra Shanker and K.R. Solanki. 2000. Agroforestry - an eco friendly insect management system, **Outlook on Agriculture** 59 (2): 119 - 124.

Chitra Shanker and K.R. Solanki, 2000. Blister beetle damage in agroforestry. **Agroforestry Today**, 13 (1&2): 22 – 24.

5. Other relevant activities of Scientist :

- Associated with AICRIP – monitoring of pests species and natural enemies
- Associated with development of Rice Knowledge management Portal
- Working on vector dynamics of Tungro disease