

BIODATA



01. Name : **Dr. A. Shanthi**

02. Educational Qualification: **M.Sc (Botany), Ph.D (Botany)**

03. Designation: **Scientist-C**

04. Core Specialization: **Plant Biotechnology**

05. Research Interest: **Molecular Markers & Genomics**

06. Ongoing projects:

- ✚ **Molecular characterization and mating system analysis using dominant & codominant markers.**

07. Publications:

- ✚ **Shanthi**, Suguna P, Modhumita Das Gupta, Rekha Warriar and Geetha, M. 2011. Gender identification in *Casuarina equisetifolia* .*Elixir Appl. Botany* 41, 5912-5913.
- ✚ M. Ramakrishnan, **A. Shanthi**, S.A. Cesar, Melvin A, Daniel and S. Ignacimuthu. 2011. Genetic pairwise distance matrix analysis in the clones of *Casuarina equisetifolia* using RAPD Markers. *Elixir Bio Tech.* 38, 4143-4149.
- ✚ Rasmi RR, Arjunan D, **A. Shanthi S**, Paulraj S. 2011. Analysis of genetic relationship in superior individuals of *Casuarina equisetifolia* L. using ISSR markers. *Int.J. Integ, Biol.*, 11(2): 73-77.
- ✚ **Shanthi A**, Suguna P, Geetha M., Bachpai V.K.W. 2012. Wood Proximate and DNA marker analyses in *Casuarina equisetifolia*. In *Advances in casuarina research in India, Proceedings of 2nd National seminar on Casuarinas.* (Eds). R.S.C.Jayaraj *et al.* Shri. Garuda graphics. Coimbatore. PP. 227-233.
- ✚ P. Suguna, **A. Shanthi**, R. Rekha and M. Geetha. 2012. Study of Different Isozymes in *Casuarina equisetifolia*. In *Advances in casuarina research in India, Proceedings of 2nd National seminar on Casuarinas.* (Eds). R.S.C.Jayaraj *et al.* Shri. Garuda graphics. Coimbatore. PP. 235-238.
- ✚ Daniel Arjunan and **Shanthi, A.** 2010. Isolation of genomic DNA from *Casuarina equisetifolia* L. without liquid nitrogen suitable for RAPD analyses. *International Journal of Integrative Biology (IJIB)* Vol. 10. No.2. 82-85.
- ✚ **Shanthi.** 2010. *Grevillea robusta* Cunn. In. *Manual of Economically important Forestry species in South India* (Eds). N. Krishnakumar *et al.* Shri. Garuda graphics. Coimbatore. PP. 263-270.

- ✚ **Shanthi.** 2010. *Grewia tilifolia* Vahl.. In. Manual of Economically important Forestry species in South India (Eds). N. Krishnakumar *et al.* Shri. Garuda graphics. Coimbatore. PP. 271-274
- ✚ **Shanthi, A** and S.S.R. Bennet.2008. Genetic Analysis and correlation study of fruit characters in Tamarind (*Tamarindus indica* L.). *Journal of Non-Timber Forest Products* 15(4) 265-270.
- ✚ **Shanthi, A.**, Tamilarasi, R. and Lalitha, S. 2007. Variability study on pod, seed and seedling characters of *Tamarindus indica* Linn. *Journal of Non-Timber Forest Products* 14(4) 319-322.
- ✚ **Shanthi, A.**, Bennet., S.S.R. and A. Stephen Harris (2002). Isoenzyme variation in *Tamarindus indica* L. *Advances in Legume Research in India*, (ed). R.R. Rao and L.B. Chaudhary, Bishen Singh Mahendra Pal Singh, Dehra Dun. Pp: 367-373.
- ✚ Nagarajan. B., Gireesan, K., Venkatasubramanian, N., **Shanthi, A.**, Rajesh Sharm and K. Mandal. 1996. An early evaluation of gene action in teak. *My Forest*. Vol.32, pp.136-139.

08. **Consultancies rendered: Nil**

09. **Trainings:**

- ✚ Participated in “Specialized Training programme on Nanotechnology” held at Institute of Wood Science and Technology, Bangalore from 18.01.11 to 20.01.11.
- ✚ Attended ten weeks induction training for Scientists and Research Officers of ICFRE conducted by Forest Research Institute University at Dehradun from 21.03.11 to 27.05.11.
- ✚ Attended training on “Specialized Training on Genetic Engineering” held from 11th to 22nd March 2013 at IFGTB, Coimbatore.

10. **Foreign visits:**

- ✚ Four months training on Isozyme marker studies in Forestry at Oxford, Oxford Forestry Institute, U.K during 1997.

11. **Email:** shanthia@icfre.org

12. **Address:** Plant Biotechnology & CytoGenetics Division
Institute of Forest Genetics and Tree Breeding, Coimbatore.