

BIODATA

1. **Name :** Dr. A. Shanthi



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

3. **Designation:** Scientist-D

4. **Core Specialization:** Plant Biotechnology

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

6. **Ongoing projects:**

- Isolation and characterization of Cinnamoyl coA reductase gene in *Casuarina equisetifolia*.

7. **Publications:**

- Shanthi, A and Rekha R.Warrier. 2018. Role of endogenous hormones in gender determination in *Casuarina equisetifolia*. *Indian Forester*, 144 (1): 30-35.
- Vikashini Balasubramanian, Shanthi Arunachalam and Modhumita Dasgupta. 2018. Identification and expression profiling of genes governing lignin biosynthesis in *Casuarina equisetifolia*. *Gene*: 676, 37-46. (Impact factor 2.5)
- Shanthi, A and Gokula Priya. 2015. ISSR Marker analysis of *Acacia auriculiformis* in first generation orchard populations. *International Journal of Science and Research*, 4 (4): 57-59.
- Shanthi, A., Suguna, P., Modhumita Das Gupta, Rekha Warrier and Geetha, M. 2011. Gender identification in *Casuarina equisetifolia*. *Elixir Appl. Botany* 41, 5912-5913.

8. **Consultancies rendered:** Nil

9. **Trainings:**

- Participated in Specialized training programme on Nanotechnology held at IWST, Bangalore from 18th Jan to 20th Jan 2011.
- Attended ten weeks induction training for Scientists and Research officers of ICFRE conducted by FRI University, Dehradun from 21st March to 27th May 2011
- Attended 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.