

Dr. S. Saravanan

1. Designation	Scientist - E
2. Date of birth	16/05/1971
3. Institute/Place of Posting	Tropical Forest Research Institute, Jabalpur
4. Contact Details	(O) -0761-2744-115 (M) 9442143520
5. Date of joining at ICFRE	02/03/1998
6. Pay level and Date of continuous appointment to the present post/grade	Pay level-13 01/01/2015



7. Discipline/Specialization	Forestry, Agroforestry
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8. Education Qualification (Graduation or above)	Ph.D. (Forestry).
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9. Important research contributions

- Studied the growth pattern of farm grown Teak plantations in Tamil Nadu.
- Demonstrated various types of agroforestry models and popularized fast growing trees suitable for different agroclimatic zones.
- Studied the market dynamics of important NTFPs in Tamil Nadu.
- Evaluated shortlisted Eucalyptus clones for physiological and nutritional parameters.
- Studied the effect of elevated CO₂ levels on biochemical and alkaloids changes in 10 important medicinal plants.
- Estimated carbon sequestration potential of important plantation species in Tamil Nadu.
- Established various agroforestry models in the demo village.

10. Important Research Papers/Publications

- Saravanan, S. (2017). Cultivation of *Melia dubia* Cav. – A fast growing native tree species and constraints faced by the farmers in western region of Tamil Nadu. Indian Journal of Agroforestry, 19 (2): 56-60.
- Saravanan, S. (2017). Growth Performance and Economic analysis of *Melia dubia* based Agroforestry Systems in Different Agroclimatic Zones of Tamil Nadu, India. International Journal of Forest Research, 21 (1): 18-26.
- Saravanan, S. and S. Karthi (2017). HPLC analysis for methanolic extract of *Justicia adhatoda* under elevated CO₂. World Journal of Pharmacy and Pharmaceutical Sciences, 6 (12): 490-501.
- Ragavan, P., Alok Saxena, R.S.C. Jayaraj, P.M. Mohan, K. Ravichandran, S. Saravanan and A. Vijayaraghavan (2016). A review of the mangrove floristics of India. Taiwania, 61(3): 224–242.
- Ragavan, P., Alok Saxena, P. M. Mohan, K. Ravichandran, R. S. C. Jayaraj and S. Saravanan (2015). Diversity, distribution and vegetative structure of mangroves of the Andaman and Nicobar Islands, India. J Coast Conservation, (19):417–443.