


BIO DATA

1.	Name of Scientist:	A.MAYAVEL		
2.	Designation:	SCIENTIST		
3.	Date of Birth:	09.02.1977		
4.	Institute/Place of Posting:	ICFRE-Institute of Forest Genetics and Tree Breeding. Coimbatore-641002		
5.	Contact Details :	(O)	0422-2484162	
		(M)	9443424458	
6.	Email ID:	mayavela@icfre.org		
7.	Date of Joining at ICFRE:	09-02-2005		
8.	Pay Level and Date of continuous appointment to the present post/grade:	Level -13/ 01-01-2023		
9.	Discipline / Specialization:	Tree Breeding/ Precision Silviculture		
10.	Education Qualification (Post Graduation or above): M Sc. Horticulture			
11.	<p>Important research contributions (Best Five):</p> <ol style="list-style-type: none"> 1. Developed high productive clones of Tamarind, Gmelina, Acacia and Eucalyptus hybrids. 2. Conserved of rare phenotype variants of red and sweet tamarind and developed of tamarind hybrids for improving qualitative traits. 3. Standardized of precision silviculture technique for improving productivity pulpwood and timber trees in trees outside forest. 4. Screened neem genetic resources for higher fruit yield and Azadirachtin content. 5. Associated mass tamarind planting with people's participation in avenues, community lands, watershed areas and tank beds of Tamil Nadu. 6. Demonstrated tree cultivation technologies for improving wood productivity to the farmers, tree growers, NGOs and industries. . 			
12.	<p>Important Research Papers/Publications (Best Five):</p> <ol style="list-style-type: none"> 1. Mayavel, A.*, Bagathsingh, C., Chitra, P. and Dharani, M. and Nagarajan B. 2022. Optimization of Grafting Season on Cleft Grafting for Deploying Commercial Propagation of Tamarind (<i>Tamarindus indica</i>) in Tamil Nadu. <i>International Journal of Environment, Agriculture and Biotechnology</i>, 7(1)-2022,pp .198-202 2. Esakkiammal, S., Sugitha, T., Chitra, P., Nicodemus, A., Nagarajan, B., Mayavel, A.* 			

	<p>2021. Evaluation of red tamarind (<i>Tamarindus indica</i> var. <i>rhodocarpa</i>) pulp extract on phytohistological studies under fluorescent microscope. <i>Plant. Cell. Biotechnol. Mol. Biol.</i> 22(53&54):37-46.</p> <p>3. Mayavel, A.*, Esakkiammal, S., Chitra, P., Nicodemus, A. and Kamalakannan, R. 2021. Genetic analysis for growth and wood fiber Properties in second generation clones of <i>Acacia auriculiformis</i> A.Cunn. Ex Benth.. <i>Electronic Journal of Plant Breeding.</i> 12(2):490-498.</p> <p>4. Maheshwari, P., Mayavel, A., Modhumitha, G. D., Nagarajan, B., Rajasugunasekar, D., Sivakumar, V. and Yasodha, R. 2021. Genome wide SNP identification in Eucalyptus and its application for linkage mapping and adventitious rooting related QTL analysis. <i>Indian. For.</i>147(11): 1088-1102.</p> <p>5. Mayavel, A., Soosairaj, J., Sreenivasan, K. and Nicodemus, A., 2020. Effect of Different Concentration of Indole-3- Butyric Acid and Cutting Size on Rooting in Gmelina (<i>Gmelina arborea</i> Roxb.). <i>Journal of Krishi Vigyan</i>, 9(1): 63-67</p>
13.	<p>Awards:</p> <ol style="list-style-type: none"> 1. Best Researcher Award in Tree Breeding issued by the Society of Nature and Applied Sciences at First International Conference on Emerging Trends and New Vistas in Applied Sciences (ETNVAS 2022) was held at SVMCH & RC, Puducherry, on 12th February, 2021. 2. Best Oral Presentation Award under the theme Agriculture and Allied Sciences for the paper Breeding System and Potential Pollinators of <i>Tamarindus indica</i>, L. presented at First International Conference on Emerging Trends and New Vistas in Applied Sciences (ETNVAS 2022) was held at SVMCH & RC, Puducherry, on 12th February, 2021 3. Best Oral Presentation Award under the theme Neutraceutical and Therapeutic Horticulture for the paper Phytochemical Screening of Red Tamarind clones in Tamil Nadu. 4. Best Poster Award under the theme Neutraceutical and Therapeutic Horticulture for the poster entitled Evaluation of Phytochemical Properties in the leaves of Gmelina arborea: A potential medicinal tree.