

## Biodata

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## Education

1996 Master of Science in Botany, Bharathiar University, Coimbatore (Ist Rank with Gold Medal)

1998 Master of Philosophy in Biotechnology, Bharathiar University, Coimbatore(Highly Commended)

2006 Doctor of Philosophy in Biotechnology, Bharathiar University, Coimbatore(Highly Commended)

## Research Interests

Characterization of Forest Genetic Resources through, Morphological, Biochemical and Molecular Methods and finding Genetic Variation

Germplasm Selection for its Value Added Products and its application for various industries and Evaluation

## Selected Publications

- **D. Thangamani**, S. Lalitha, S.P, Subramani, K. Palanisamy, and J.Angayarkanni, 2018. Paper published on "Novel Juglone from *Caesalpinia sappan* - A traditional medicinal tree genetic resource need for conservation and management" in International conference on science and humanities for grooming the future; In proceedings of conference an interdisciplinary approach (ICSHI-2018) organized by Human Genetics and Molecular Biology, Biochemistry and Botany, Bharathiar University, Coimbatore held on 6-8<sup>th</sup> February 2018.
- **D. Thangamani**, S Lalitha. 2018. Characterization of Forest Genetic Resources through Biochemical and Molecular methods. In Training Manual for IFS Officers on- Forest Genetic Resource Management Published by Institute of Forest Genetics and Tree Breeding, Coimbatore PP 221-227. ISBN 978-93-8387-18-3
- Gairola,S.C., Palanisamy ,K., **Thangamani,D.**, and Subramani, S.P. 2018 . Country Progress Report on the Implementation of the Global Plan of Action on the Conservation, Sustainable Use and Development of Forest Genetic Resources" prepared and submitted to FAO, Italy, Rome through online on 31.1.2018.
- K. Palanisamy, **D. Thangamani** and K. Pannerselvam. 2018. Conservation of Forest Genetic Resources and Traditional knowledge of genetic resources in India, In: International conference and book concert for Human Resources Development on Biodiversity and Socio-

Economics. The Present and Future of Biodiversity Issues, 1-2<sup>nd</sup> November 2018, p 51-76, held at Kangwon National University, China

- **Thangamani, D.**, Sasidharan, K.R., Lalitha, S., Subramani, S.P., Palanisamy, K. and Girija, S. 2017. “Impact of Climate Change on Indian Rosewood (*Dalbergia latifolia*) Characterized Leaf and Bark Extract and its Antidiabetic Effect” In XLI Indian Social Science Congress proceedings, 18-22 December held at Periyar University, Salem, P.36, 2017.
- **Thangamani, D.**, Lalitha, S., Subramani, S.P., Palanisamy, K., Sasidharan K.R. and Angayarkanni, J. 2017. Characterization of *Dalbergia latifolia* wood extract and assessment for its cytotoxic effect on breast cancer cells. Paper published In: Proceedings of International Conference on Bioscience and Bioinformatics, 14 -16 December, 2017 at Bharathiar University, Coimbatore, P 48-49, 2017.
- **D. Thangamani**, R. Selvakumar and V. Elakkiya. 2016. Nanotechnology in Forest Sector, in the book on Conservation and Management of Forest Genetic Resource, published by Institute of Forest Genetics and Tree Breeding, Coimbatore, 225-234p, 2016. ISBN 978-93-82387-13-8.
- **D. Thangamani**, K. Palanisamy, S. Lalitha, R. S. Prashanth and R. Priya. 2017. “Genetic worth, diversity interference and management of Teak Clonal Seed Orchard” Under the theme Forests for prosperity and posteriority - Genetics and Biotechnology in conservation and management. paper presented and published in XIX Common Wealth Forestry Conference 3-7 April 2017p. 49. Dehradun.
- **Thangamani, D.** 2017. “Molecular Characterization of Forest Genetic Resources” in HRD Training Manual on Germplasm Conservation and Documentation for scientific supporting staffs, Published by Institute of Forest Genetics and Tree Breeding, Coimbatore, 89-96p, 2017.