



01. Name	Rekha R. Warriar
02. Educational Qualification	Ph.D.
03. Designation	Scientist E
04. Core Specialization	Biochemistry
05. Research Interests	Biochemistry: Biochemical constituents of plants, both primary and secondary, their synthesis, their contribution to key metabolic processes, their biosynthesis and regulation, changes during biotic and abiotic stresses. Seed physiology - physiological/biochemical process(es) of desiccation tolerance, dormancy, seed aging, imbibition, and seed germination.
06. Ongoing projects	<ol style="list-style-type: none">1. Genetic diversity assessment for management of Eucalyptus seed orchards2. Development of descriptors and DUS testing guidelines for indigenous forest tree species and establishment of Field Gene Bank3. Germplasm assemblage of genetic resources of <i>Melia dubia</i> in India4. Evaluation of genetic resources of <i>Melia dubia</i> in Tamil Nadu and Kerala for productivity enhancement in tree farming5. Evaluation of performance of shola species of the Nilgiris under projected climate change conditions6. Value addition of <i>Acacia</i> resources of the Nilgiris for employment generation and livelihood support7. Establishment of a South Zonal Germplasm Bank of <i>Melia dubia</i>8. <i>In vitro</i> production of secondary metabolites from tree species of Dasamoola through hairy root cultures9. Standardization of protocol medium for bamboos in tissue culture lab
07. Publications	International Journals: 13 National Journals: 08 Scientific Magazines: 01 International Seminars / Workshops: 04 National Seminars / Workshops: 17 Books Edited or Written: 16 Chapters in Books: 25 Reports (Project completion / Technical): 10
08. Consultancies rendered	<ul style="list-style-type: none">• Identified as a subject expert by the Kerala Forest Department for the preparation of the State Action Plan on Climate Change for Kerala for the Forestry Sector in consultation with the Kerala Forest Department and other agencies.• Evaluation of Captive Plantations of Tamil Nadu Papers and Newsprints Ltd. raised from 2004 to 2010 spread throughout Tamil Nadu in 4750 ha.• Evaluation of the National Afforestation Programme

implemented by Palakkad and Nilambur FDAs (Forest Development Agency), Kerala covering 11 and 13 VSS (Vana Samrakshana Samithis).

09. Trainings

- Training on Research Methodology with special emphasis on Statistics
- Training on the applications of DNA markers, Association mapping and QTL mapping
- Training on biosafety aspects of transgenics.
- Trainings on leadership skills, creativity and negotiation skills
- Training on Climate Change and Carbon Mitigation
- Open source QGIS training
- Specialised training Programme on Genetic Engineering
- Training on Multimedia and Web Designing

10. Foreign visits

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11. Email

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12. Address

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Institute of Forest Genetics and Tree Breeding, Coimbatore