

## BIODATA

01. **Name** Dr. R. Anandalakshmi
02. **Educational Qualification** M.Sc. Biochemistry, PhD Botany
03. **Designation** Scientist-F and Head-Forest Genetic Resources Management Division
04. **Core Specialization** Seed Science and Technology & Forest Genetic Resources Management
05. **Research Interest** Seed Science, NTFPs, TBOs, FGR Conservation



### 06. Ongoing projects

- Developing seed testing and seed storage protocols of selected forestry species from diverse forest types (AICRP-10-Seed Technology)
- Conservation and sustainable management of wild edible fruiting species (AICRP-27-Wild edible fruits)
- Establishment of Progeny tested Clonal Seed Orchard (AICRP-4-4-Eucalyptus Improvement)
- Standardization of silvicultural practices for clones of *Calophyllum inophyllum* to increase productivity and popularization in farmlands
- National Program for Conservation and Development of Forest Genetic Resources- NPFGR-CoE IFGTB (National Project Co-ordinator & Nodal officer)

### 07. Publications : 168

International journals	: 29
National journals	: 26
Popular articles	: 8
Bulletin	: 4
Books	: 8
Chapters in books/manuals	: 42
Seminars/Conferences/Workshops etc.	: 47
Pamphlets	: 4

### 08. Consultancies rendered :

- Anandalakshmi, R. and Karthikeyan, A. 2019. Consultancy - Greening of lands with suitable trees at Ananthasagaram Mandal, Nellore District for GREENKO ENERGIES PVT. LTD., Hyderabad.

### 09. Products/ clones developed :

- Developed and released 6 high yielding clones of TBO species, *Calophyllum inophyllum* (CIM1, CIM 2, CIM 3, CIM4, CIM 5 & CIM6).

- Developed a product “IFGTB Seed Cake Mix”, an improvised and ready-to use product to facilitate seed ball technology
- Developed a value added NTFP product “TREE TEA” –an antioxidant rich health product.
- Developed a prototype seed decoater to facilitate seed processing.

## 10. Trainings attended

- Participated in the study visit to Thailand under DST project “Yield improvement and adoption of plantation technologies in bioenergy crops for increasing the potential of bioenergy production” at Kasetsart University from 21<sup>st</sup>-25<sup>th</sup> Sep. 2016
- Underwent international training from 2-12 September 2014 on 'Tree Crop Improvement' as study tour organized and funded by USAID-USFS and MoEF & CC at U.S.A.
- Participated in the HRD-CAMPA funded Training on “Statistical methods in Forestry Research” for ICFRE scientists held at IFGTB, 15th-18th February, 2021, IFGTB
- Attended training on “Advanced Statistical Methods using the Software including R” 19<sup>th</sup>- 23<sup>rd</sup> Feb.2018 at ICFRE.
- "Awareness training Workshop on The Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES)" sponsored by MoEF and organized by IFGTB, Coimbatore from 30th - 31st August 2012.
- Five Days Open Source Quantum GIS Training Program given by KCube Consultancy Services organized at the Institute of Forest Genetics and Tree Breeding, Coimbatore from 18.10.2011 to 22.10.2011.
- One Week Training Workshop on 'Role of Scientists in Biodiversity Conservation' sponsored by DST under the 'National Training Programme for Women Scientists & Technologists working in Government Sector' from 25<sup>th</sup>-29<sup>th</sup> October 2010 at Wildlife Institute, Dehradun
- ICFRE, FRIM, APAFRI, Bioversity International, ITTO sponsored Training Workshop on Conservation and Management of Forest Genetic Resources during 5.7.2010 to 9.7.2010 held at IFGTB, Coimbatore.
- Training on 'Bioremediation and environmental amelioration' at Forest Research Institute, Dehradun from 3rd Aug. to 7th Aug., 2009.
- Programme on 'Effective leadership and creativity for senior scientists' at Administrative Staff College of India, Hyderabad, from 25th June to 29th June, 2007.
- ICAR sponsored Winter School on 'Training on Recent Techniques & Participatory Approaches on Quality Seed Production' at Tamil Nadu Agricultural University, Coimbatore, from 1st Sep. to 30th Sep., 2001.
- Familiarisation Training Programme on Forestry for the Scientists of ICFRE' at State Forest Service College, Coimbatore from 13th Dec.,1999 to 10th March, 2000.
- Training programme on 'Research methodology with special emphasis on statistics' at Indian Agricultural Statistics Research Institute, New Delhi from 5th July to 30th July, 1999.

## 11. Workshops/Seminars/Conferences/trainings organized:

- Organized Training on “Plant Taxonomy and Economic Botany” funded by HRD-CAMPA for technical staffs, during 8th-10th February 2021, at IFGTB.
- Organized I Workshop on Prioritization of FGRs and made a presentation on 7th July 2020 at IFGTB and made a presentation on Prioritization of species for NPFGR
- Organized II Workshop on Prioritization of FGRs and made presentation on 6<sup>th</sup> October 2020 at IFGTB Prioritization of FGRs for Conservation and Development

- Organized a one day Seminar on Forest Genetic Resources Management inviting experts from NBPGR, Hyderabad and Directorate of Oilseeds Research, Hyderabad on 5<sup>th</sup> March 2020 to brief on the FGR concepts
- Organized One Week Training Course for IFS Officers on ‘Forest Genetic Resource Management’ from 09.12.2019 - 13.12.2019 at IFGTB
- Organized a Training for farmers on ‘Seed Handling, Testing and Quality Seedling Production of Forestry species’, during 20<sup>th</sup>-21<sup>st</sup> June, 2019, at IFGTB.
- Organized a Training on “Seed handling and nursery technology for biodiversity conservation and sustainable production” during 14<sup>th</sup> -15<sup>th</sup> December 2017, at IFGTB.
- Organized a Training on “Tree Borne Oilseeds for economic and environmental benefits” during 5<sup>th</sup> - 6<sup>h</sup> March 2018 to farmers, NGOs and nursery entrepreneurs
- Organized training on ‘Seed handling and nursery technology for biodiversity conservation and sustainable production’ at IFGTB during 7<sup>th</sup> -8<sup>th</sup> September 2016
- Organized the National Workshop on Tree Seed Science and Silviculture during 28<sup>th</sup> and 29<sup>th</sup> November 2103.
- Organized the 'Workshop on Preparation of country Report on Forest Genetic Resources (SOW-FGR-FAO)' involving various stakeholders during 7<sup>th</sup> and 8<sup>th</sup> February, 2012 at IFGTB and also conducted the meeting with FAO representative, Mr. Albert Nikiema to finalise the draft country report on FGR.
- Organized Hands on training on ‘Post harvest techniques of Jatropha curcas’ for Tribal Women’s Self Help Group of Vattalukki village, Attapady (AHADs), sponsored by Department of Biotechnology, New Delhi, was held at IFGTB on 23.3.2009.

#### 12. **Recognition:**

- Recognised as Assistant National Focal Point for Forest Genetic Resources of the country

13. **Foreign visits**                      U.S.A., Thailand

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