



01. **Name** Dr. A. Karthikeyan
02. **Educational Qualification** M.Sc., M.Phil., Ph.D.
03. **Designation** Scientist E
04. **Core Specialization** Forest Pathology & Bio fertilizers
05. **Research Interest**
- Isolation, identification and control measures of the major diseases of Eucalyptus and Casuarinas.
 - Isolation and application of PGPRs for the growth improvement in Eucalyptus and Casuarinas
 - Isolation and mass multiplication of N fixers Frankia and Rhizobium
 - Screening techniques for identification of disease resistant clones in Eucalypts and Casuarinas
 - Bio remediation for problem soils
06. **Ongoing projects**
- Response of mycorrhizae and to elevated CO₂ in commercially important tree species.
 - Reclamation of laterite lands using beneficial microbes in Kasargode District.
07. **Publications** **82**
- Books** 4
- Chapters in Books** 17
- Research papers**
- | | |
|------------------|----|
| National | 13 |
| International | 14 |
| Popular articles | 10 |
| Seminars | 24 |
08. **Consultancies rendered** Kudremukh Iron ore company Ltd., Kudremukh, Singareni Collieries Company, Ltd. Kothagudem, A.P.
09. **Trainings**
- 1. Research methodology with special emphasis on statistics** organized by Indian Agricultural Statistics Research Institute, New Delhi - 5.1.1999 to 3.2.1999
 - 2. Basic forestry training course** organized by State Forest Service College, Dehradun – 3.5.1999 to 27.7.1999
 - 3. National training course on Biology and Bio technology of Ectomycorrhiza** organized by Himachal Pradesh University Shimla- 9.10.1999 to 14.10.1999
 - 4. Techniques in Microbiology** organized by Tamil Nadu

Agricultural University, Coimbatore- 3.12.2001 to 23.12.2001

5. **Molecular Taxonomy of Fungi** organized by Thapar University, Patiala – 19.3.2007 to 24.3.2007

6. **Soil Microbiology with emphasis on Anaerobes** organized by Tamil Nadu Agricultural University, Coimbatore -9.2.2008 to 29.2.2008

7. **Scientific project formulation, implementation and evaluation** organized by Administrative staff college of India, Hyderabad- 21.4.2008 to 2.5.2008.

8. **Plant germplasm conservation** organized by National Bureau of plant genetic resources – 13.4.2009 to 17.4. 2009.

9. **Isolation, Identification and Preservation of Fungi** organized by Forest Research Institute, Dehra Dun. – 18.1.2010 to 23.1.2010

10. **Molecular pathology and Microbiology** organized NBAIM, Mau Feb 5 to 14 2013.

P.R. China, Malaysia, Vietnam.

10. **Foreign visits**

11. **Email**

karthika@icfre.org; karthikarumugam13@gmail.com

12. **Address**

B-5, IFGTB Quarters

Forest Campus

R.S. Puram

Coimbatore – 641002.