

A Brief of Dr. C. Buvaneshwaran

1. Name : Dr. C. Buvaneshwaran

2. Designation: Scientist-E

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4. E-mail: buvanesc@icfre.org

5. Academic Carrier

Certificate/ Degree	Board/University	Year of Completion
B.Sc.(Forestry)	Tamil Nadu Agricultural University, Coimbatore	1993
M. Sc.(Forestry)	Tamil Nadu Agricultural University, Coimbatore	1995
Ph. D. (Forestry)	FRI Deemed University, Dehra Dun	2004

- Recipient of Dr.S.Krishnamoorthy's Medal for the best student in M. Sc. (Forestry)

6. Professional Experiences:

- Evaluated “Ecological impact of coastal afforestation” in Pondicherry with postgraduate fellowship sponsored by Auroville Green Work Resource center.
- Carried out productivity and nutrient cycling studies under teak plantations in Tamil Nadu.
- Consultant in Environmental Impact Assessment studies for various mining projects.
- As Ph.D. Guide: One scholar got Ph.D awarded under my guidance and currently guiding 5 more Ph.D scholars as Supervisor
- Underwent three months training programme on Agroforestry in University of Florida, USA.
- Currently working on
 - Assessing carbon sequestration potential of trees in plantation and agroforestry systems
 - Research on tropical tree species response to elevated CO₂ and temperature
 - Developing clones/tree varieties for Windbreak Agroforestry Systems

7. Significant Achievements:

- **Developed five tree varieties in Casuarina for Windbreaks for protecting Banana crops from wind damages**
- **Developed a farmer-friendly software for assessing wood yield in Casuarina plantations**

8. Publications:

Research Papers: 30; Book chapters: 5; General articles: 5;