


## Biodata

1	<b>Name</b>	Dr. John Prasanth Jacob	
2	<b>Educational Qualification</b>	M.Sc., Ph. D	
3	<b>Designation</b>	Scientist-F	
5	<b>Core Specialization</b>	Entomology	
6	<b>Research Interest</b>	<ul style="list-style-type: none"><li>❖ Biochemical basis of host plant resistance in trees against insect pests.</li><li>❖ IPM Package for forest insect pests</li><li>❖ Chemical ecology in insect-plant interactions</li></ul>	
7	<b>Ongoing projects</b>	<ul style="list-style-type: none"><li>➤ Insect pests of out-planted saplings of ToF (Trees Outside Forests) species and their management. (National Forestry Research Plan).</li><li>➤ Insect pest complexes on medicinal plants and the influence of pest damage on their active principles (National Medicinal Plants Board)</li></ul>	
8	<b>Completed Projects</b>	<ul style="list-style-type: none"><li>• Influence of <i>Eucalyptus</i> species on the natural enemies incidence on the gall wasp <i>Leptocybe invasa</i>. (National Forestry Research Plan).</li><li>• Management of pre and post harvest pests and diseases on seeds of fast growing native tree species. (National Forestry Research Plan).</li><li>• Development of appropriate integrated management methods for the <i>Eucalyptus</i> Gall wasp problem in nurseries. (National Forestry Research Plan).</li><li>• Performance of selected clones of <i>Casuarina equisetifolia</i> for insect pests and diseases tolerance and their response to biofarming practices. (National Forestry Research Plan).</li><li>• Characterisation and evaluation of allelochemical profiles of some economically important, insect pest resistant tree species. (National Forestry Research Plan).</li><li>• Selection of insect pest/disease resistant phenotypes of Teak, Casuarina and Eucalyptus. (World Bank Forestry Research Extension and Education Project Component)</li></ul>	
9	<b>Publication</b>		
	<i>Books</i>	4	
	<i>Chapters in Books</i>	5	
	<i>Research papers</i>		
	<i>National</i>	35	
	<i>International</i>	3	
	<i>Reviews</i>	2	
	<i>Popular articles</i>	-	
10	<b>Consultancies rendered</b>	-	
11	<b>Patents</b>	1	
12	<b>Trainings</b>	<ul style="list-style-type: none"><li>➤ Computer training on Web Designing and Multimedia.</li><li>➤ Methodologies in Host plant Resistance to insects.</li><li>➤ International Training on Biological Control of Eucalyptus Gall Wasps</li></ul>	
13	<b>Foreign visits</b>	Jerusalem, Israel	
14	<b>Email</b>	<a href="mailto:jacob@icfre.org">jacob@icfre.org</a> ; <a href="mailto:prasanth14@gmail.com">prasanth14@gmail.com</a>	
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## Resources

Lab

Entomology Lab with

Insect Repository

Out Reach

Extension

Publication