

NFRP

New Project (ICFRE Funded) Initiated 2013-14

Project Sl. No.	Name of Project	PI	Thrust Area	Current Status
1	Cytogenetic analysis of selected native tree species (IFGTB-RP - 137/2013-2016)	Dr. R. Yasodha	Genetic Improvement (Biotechnology)	Recently initiated
2	Germplasm assemblage and Improvement of <i>Leucaena leucocephala</i> (Lam.) de Wit for industrial biomass productivity. (IFGTB-RP - 139/2013 -2018)	A. Durai	Genetic Improvement – Tree Improvement	Communicated various stakeholder working in leucaena at national and international level for collection of germplasm. About 20 seed lots have been collected from various organization
3	Assessment of soil organic carbon under different land uses in Tamil Nadu. (IFGTB-RP- 140/2013-2016)	Dr. A.C. Surya Prabha	Forests and Climate change	<ul style="list-style-type: none"> • The project was initiated in the month of July, 2013 with an aim to find out the most suitable land use for enhanced storage of soil organic carbon and also to identify the best management practices for enhancing carbon status of soil. • Extensive survey was undertaken in Virudhunagar district covering the Southern Agro-climatic zone of Tamil Nadu. Soil samples (48 nos.) belonging to Padarnthapuli series were collected from various land uses viz., Agriculture, Agro-forestry and Plantation for estimation of carbon stock. • Soil samples were collected from three plots and at four depths viz., 0-30, 30-50, 50-80 and 80-100 cm from Virudhunagar, Sivakasi and

				<p>Srivilliputhur Taluks.</p> <ul style="list-style-type: none">• Soil clods were also collected and preserved for the determination of bulk density. Bulk density was determined by clod method.• The per cent of coarse fragments (>2 mm size) was calculated for each layer based on visual observation of the area occupied by coarse fragments.• Soil organic carbon in the samples was estimated by chromic acid wet oxidation method of Walkley and Black (1934).
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