

### Newly Initiated ICFRE funded projects IWST-2010

| Pro. File S. No. | Name of Project   | PI              | Thrust Area  | Current Status  |
|------------------|---|-----------------|--|---|
| 01               | Comparative study of clones of Eucalypts and Acacia hybrid for handicraft sector. (2010-2013)   | Dr. S.K. Sharma | Wood Products (Value Addition and Utilization)           | Project initiated in April 2010. The physical and financial progress is satisfactory according to AAP.  |
| 02               | Developing mathematical models for understanding infestation patterns of herbivorous insect pests (2010-2012)                               | Y.B. Srinivasa  | Forest Protection (Insects pests, diseases and control ) | Project initiated in April 2010. PI has sought permission to drop the 4 <sup>th</sup> objective 'Through mathematical models, provide better understanding of insect-plant interactions involving teak heartwood borer' on health grounds. The same is being put up before RPC 2011 for approval. |
| 03               | Effect of treatment with micronized copper preservative on the strength, treatability and durability of selected wood species. (2010- 2013) | Dr. S.R. Shukla | Wood Products (Value Addition and Utilization)           | Project initiated in April 2010. Physical and financial progress are being achieved. The financial progress will be made good by March 2011 .   |
| 04               | Enhancing dimensional stability and durability of wood for flooring application by eco-friendly thermal processing (2010-2013)              | Dr. S.R. Shukla | Wood Products (Value Addition and Utilization)           | Physical progress is satisfactory. However, there is shortfall in financial progress which will be made good by March 2011.   |
| 05               | Evaluation of the performance of Steam Volatile Creosote (SVC) as a Wood preservative. (2010-2015)  | Dr.S. Mohan     | Wood Products (Value Addition and Utilization)           | Project initiated in April 2010. The physical and financial progress is satisfactory according to AAP.  |
| 06               | Growth & yield studies on forest plantations of teak in Karnataka for their sustainable management (2010-2015)                              | Dr.V.P. Tewari  | Forest Management (Forest Biometrics)                    | Project initiated in April 2010. The physical and financial progress is satisfactory according to AAP.  |

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| 07 | Identification System of Trees and Shrubs (Endemic, Rare and Endangered) of Andhra Pradesh. (2010-2014)   | Sudhir Kumar       | Ecosystem Conservation and Management (Biodiversity)                          | Project deferred as the PI has been transferred.  |
| 08 | Optimization of seed germination methods and Clonal Multiplication Area management of <i>Ailanthus excelsa</i> Roxb. (2010-2013)                                      | E. Venkat Reddy    | Forest Productivity (Silviculture)  | Project initiated in April 2010. The physical and financial progress are being achieved. The PI has been asked to make good the shortfalls by March 2011. |
| 09 | Population genetics and phylogeography of <i>Pterocarpus santalinus</i> L.f., and its <i>ex situ</i> conservation through biotechnological interventions. (2010-2013) | Dr.S. Pattanaik    | Genetic Improvement (Conservation of Forest Genetic Resources)                | Project initiated in April 2010. The physical and financial progress is satisfactory according to AAP.  |
| 10 | Quantitative estimation of sandal oil from different locations by colour reaction. (2010-2013)  | S.H. Jain          | Wood Products (Wood Chemistry)  | Project initiated in April 2010. Physical achievements is satisfactory. The PI has been asked to make good the financial achievements by March 2011.      |
| 11 | Screening and evaluation of selected members of Rutaceae from Southern India for anti-malarial activity. (2010-2013)  | B.S. Chandrashekar | Non-wood Forest Products (Chemistry of NWFPs, Value Addition and Utilization) | Project initiated in April 2010. The physical and financial progress is satisfactory according to AAP.  |
| 12 | Screening of certain plant extractives for developing eco-friendly wood preservatives. (2010-2015)  | Mrs.D. Venmalar    | Non-wood Forest Products (Chemistry of NWFPs, Value Addition and Utilization) | Project initiated in April 2010. The physical and financial progress is satisfactory according to AAP.  |

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| 13 | Screening of indigenous plant extractives for developing ecofriendly marine wood preservatives. (2010-2013)  | M.V. Rao         | Non-wood Forest Products (Chemistry of NWFPs, Value Addition and Utilization) | Project initiated in April 2010. The physical and financial progress is satisfactory according to AAP.   |
| 14 | Screening of oil of <i>Pongamia pinnata</i> Linn., <i>Jatropha curcus</i> Linn. and <i>Simarouba glauca</i> D.C. for developing eco-friendly wood preservatives. (2010-2015) | Mrs. D. Venmalar | Non-wood Forest Products (Chemistry of NWFPs, Value Addition and Utilization) | Project initiated in April 2010. The physical and financial progress is satisfactory according to AAP.   |
| 15 | Study on Impact of “ <i>Podu Cultivation</i> ” on Phytodiversity and Soil Factors in the Eastern Ghats of Andhra Pradesh. (2010-2012)  | D.J. Prasad      | Ecosystem Conservation and Management (Ecology and Environment)               | Project initiated in April 2010. The physical and financial progress are being achieved. The PI has been asked to make good the physical and financial progress by March 2011. |
| 16 | Utilization of <i>Bambusa bambos</i> (L.) and <i>Dendrocalamus strictus</i> (Roxb.) as an alternative of wooden dunnage pallets. (2010-2013)                                 | Dr. S. K. Sharma | Wood Products (Value Addition and Utilization)                                | Project initiated in April 2010. The physical and financial progress is satisfactory according to AAP.   |