

Forest Ecology and Climate Change Division

Title	: Mapping, Monitoring and Management of <i>Lantana camara</i> through utilization for improving livelihood of people in forest fringe villages of India (CAMPA-Lantana)
Principal Investigator	: Dr. A. Rajasekaran
Co-Investigators	: Mr.Muhammad Ali Noushad Dr.S.P.Subramani Dr A.Vijayaraghavan Mr.A.Mayavel
Funding Agency	: CAMPA & MoEF & CC
Duration	: Sep 2023 - Aug 2028
Objectives	: <p>Component: A: Mapping of Lantana invasion</p> <ol style="list-style-type: none"> 1. Standardization of Geospatial technology for mapping of <i>Lantana camara</i> in selected forest areas <p>Component: B: Removal and restoration of Lantana invaded areas and monitoring of eradicated sites</p> <ol style="list-style-type: none"> 1. To coordinate /facilitate the exchange of existing knowledge on managing Lantana and other selected Invasive Alien Plant Species and encourage key stakeholders participation 2. To carry out experimental removal and develop various restoration models for the prioritized Landscapes/ critical habitats 3. Long term monitoring of the holistic impacts of removal of Lantana in selected forests <p>Component: C: Demonstration of value added products from Lantana and Analyzing the value chains and business models</p> <ol style="list-style-type: none"> 1. To organize Workshop / Training for stakeholders on utilization of lantana and its composites for value-added products at IWST. 2. To organize outreach program through training and demonstration on product development (IWST). 3. To demonstrate technology of lantana briquettes through interactive meets with stakeholders, video, social media platform etc (IWST)

		<ol style="list-style-type: none"> 4. To demonstrate technology of lantana compost preparation and insect repellent through interactive meets with stakeholders, video, social media platform etc (IFGTB) 5. Skill development on value added products from Lantana camara (FRI) 6. Design the suitable tools for the pelletisation and their applications as solid fuels/bioenergy and demonstration of the units and training to local/self-help groups (IIP) 7. Analyzing the value chains and business models for the existing uses of Lantana and to estimate the threshold levels of each business model for its economic/financial viability for the given business/technology cycle (IIFM) 8. Assessing the social-ecological sustainability of economically feasible models and Promoting knowledge synthesis and exchange for sustainable Lantana management solutions by creating a science-policy-practice hub (IIFM).
Total Budget	:	₹ 75.73 lakhs