Forest Protection & Insect Control Division
SFRTI, Raipur

Presented by
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Mandate

1. Basic and strategic research in forest diseases and pests.
2. Development of economical and environmentally acceptable pest management strategies on seed, nursery, plantation and natural forest.
3. Identification and documentation of cultural and biological control measures helps manage diseases in forest nurseries, plantations, and forest areas
4. Evaluation of the potential insect pest problems relevant to forestry
5. develop sustainable management strategies for controlling Sal Heart Wood Borer infestation in natural Sal forests, ensuring ecological health and timber quality.
6. Identification and management of teak plantations affected by teak defoliators like *Hyblaea puera* and *Eutectona machaeralis*
7. Identification & management of the teak plantation/ Forest patches of Chhattisgarh which are deeply affected by teak defoliators. Hyblae peura & Eutectona machaeralis
8. Insect pests and diseases of fruits/seeds

Mandate	Work	Prominent Scientist	Priority Research for SFRTI
Basic and strategic research in forest diseases and pests.	Development of delivery system for field application of *Canthecona furecellata* as biological control agent against major insect pests. (Jan. 2017 to Mar. 2020) [Extended] TFRI, Jabalpur	Dr. Pawan Kumar Scientist-E kumarp@icfre.org 094180-5591	the development of a delivery syste for *Canthecona furcellata* can focus or research involving field trials, insect rearing, and integration of pest management strategies for sustainal biological control.
	Development of Biopesticide products /formulations from extracts of tree borne oil seeds and different tissues of wild plants for management of insect pests (AICRP) (Dec. 2019 to Mar. 2024)		developing biopesticide formulatio using extracts from Tree leaf Stem, Root tree-borne oil seeds and plant species.
	Studies on the diversity of some beneficial insects in forest ecosystem in Madhya Pradesh. 2017 to July 2020) TFRI, Jabalpur		ecological studies to document and analyze the diversity, roles, and conservation strategies of beneficial insects in the forest ecosystems of Madhya Pradesh."

Mandate	Work	Prominent Scientist	Priority Research for SFRTI
Development of economical and environmentally acceptable pest management strategies on seed, nursery, plantation and natural forest	Studies on changing forest Insect-pests status of high altitude transitional zones and their management in Himachal Pradesh. (HFRI)	Dr. Pawan Kumar kumarp@icfre.org O) 0177-2816108 0177-2816208 (M) 094180-5591	Impact of climate change on forest insect-pests in high-altitude transitional zones and developing sustainable management strategies for these areas.
Identification and documentation of cultural and biological control measures helps manage diseases in forest nurseries, plantations, and forest areas	वनों एवं वन रोपणीयों में लगने वाली कीट व्याधियाॅ एवं उनके निदान पर किये गये कार्यो का सरल भाषा में संकलन: मध्य प्रदेष के संदर्भ में। (SFRI) Jabalpur 2018-2019 .	Dr. Uday Homkar Homker_uday@rediffmail.com 9229844788	Sfri should do research in the control of harmful insect in sal,sagaon tree forests in c.g.

Mandate	PROJECT WORK	PROMINENT SCIENTIST	S.F.R.T.I
Developing suitable species and nursery techniques based on soil profiles ensures optimal growth and ecological sustainability.	Selection of suitable species on the basis of growth performance of established plantations and development of nursery techniques to increase green cover under Green India Mission (GIM) in western Madhya Pradesh.(SFRI) 2020	Dr. Pratiksha Chaturvedi Chaturvedi.Pratiksha@yahoo.in 9826145284	Sfrti should develop the nursery on the basis of high growth performance of the specific tree species
Evaluation of the potential insect pest problems relevant to forestry	Termite control in eucalypt plantations. (1981)	Nair, K.S.S; Varma,	Termite control in eucalypt plantations.

Mandate	Work	Prominent Scientist	Priority Research for SFRTI
develop sustainable management strategies for controlling Sal Heart Wood Borer infestation in natural Sal forests, ensuring ecological health and timber quality.	Management of sal heart wood borer in natural forests. FRI Dehradun	Principal Investigator R.B. Bhandari.	Heartwood Borer Affected Sal Tree's Nourishment
Identification and management of teak plantations affected by teak defoliators like *Hyblaea puera* and *Eutectona machaeralis*	"Biological control of teak leaf skeletonizer, Eutectona machaeralis TFRI,2013	Dr. N. Roychoudhury, Scientist	Identification & management of the teak plantation/ Forest patches of Chhattisgarh which are deeply affected by teak defoliators. Hyblae peura & Eutectona machaeralis
Insect pests and diseases of fruits / seeds	Insect pests and diseases of fruits / seeds of buchanania lanzan and their management	Dr. P. B. Meshram	Insect pests and diseases of *Buchanania lanzan*

Thank You