

List of ongoing research projects reviewed during 2009

TFRI, Jablpur

Sl. No.	Project title	Name of PI	Total outlay (Rs. in lakhs)	Project period	Date of Start
PLAN PROJECTS					
1.	Studies on forest dwelling Braconids (Hymenoptera: Braconidae) from central India and their role in Biological control of important forest insect pests.	Dr. Mohd. Yousuf	2.75	3 years,	July 2005
2.	Chemical control of insect pests and diseases of <i>Buchanania lanzan</i>	Dr. P. B. Meshram	3.0	3 years	April 2007
3.	Studies on the efficacy of toxins of soil actinomycetes against major forest insect pests.	Dr. N. Roychoudhury	2.95	4 years	June 2006
4.	Evaluation of biopesticidal products for the management of teak defoliator and skeletonizer in forest nursery	Dr. N. Kulkarni	2.90	3 yrs	April 2006
5.	Studies on bacterial and viral diseases of Teak, Gmelina and Albizia and their management	Dr. K.K. Soni	5.00	4 years	May 2008
6.	Studies on wood decaying fungi and its control in stored tropical timber.	Dr.C.K. Tiwari		4 Yrs	April 2008
7.	Application of growth promoting microbes and soil amendments to produce improved seedlings of forest trees.	Dr. R.K. Verma	2.22	3 years,	April 2007
8.	Studies on diseases of important medicinal plants and their biocontrol	Dr. V. S. Dadwal	6.60	3 yrs	Aug. 2008
9.	Genetic variation for <i>in vitro</i> morphogenetic potential of <i>Dalbergia sissoo</i> Roxb. clones and evaluation of their field performance	Dr. Y. Mishra	6.90	5 years	April 2007
10.	Impact of pollutants on the growth of plants.	Dr. R. Sett	2.00	2 years	June 2007
11.	Screening of tropical forest tree species for their potential as carbon sink in Madhya Pradesh and Chhattisgarh	Dr. Avinash Jain	4.50	3 years	June 2007
12.	Evaluation, modification and value addition of starches of Forest origin.	Dr. S.C. Biswas	9.00	3 years	July 2005
13.	Study on plant diversity in Sal-Teak ecotone zone as influenced by ecological and climatic change.	Dr. A. K. Bhowmik	2.20	5 years	Sept. 2005
14.	Documentation of (Traditional knowledge on) ethno- medicinal information from traditional herbal healers (Vaidyas, Ojhas, Guniyas) in Central Madhya Pradesh.	Dr. V. Nath	1.65	3.5 years	July 2005
15.	Evaluation of medicinal plant based agroforestry (silvi-medicinal) system under	Dr. Nanita	5.00	3 years	June 2006

	teak plantations.	Berry			
16.	Evaluation of productivity of maize in <i>Dalbergia sissoo</i> (Shisham) and <i>Zea mays</i> (Maize) Agro forestry system.	Shri Rambir Singh	5.50	3 yrs	June 2008
17.	Evaluation of Management systems and level of community participation under Joint Forest Management (JFM).	Dr. S.D. Sonkar	6.15	4 years	July 2004
18.	Sustainable management of medicinal plants in JFM areas in Madhya Pradesh	Dr. S.D. Sonkar	6.50	5 years	July 2005
19.	Seed Physiology of the tropical forest species with special reference to their maturity and storage	Dr. M. Kundu	10.87	5 years	June 2005
20.	Standardization of nursery techniques of <i>Strychnos nux-vomica</i> and <i>Strychnos potatorum</i>	S.D. Sonkar	Rs. 2.00	4 years	July, 2005
21.	Development of nursery techniques for <i>Terminalia chebula</i> Retx (Harad).	S.D. Sonkar	1.50	3 Yrs	July 2006
22.	Studies on endogenous auxin level and its relationship with adventitious rooting potential in <i>Dalbergia latifolia</i> Roxb.	Dr. Pramod Kumar	9.60	3 Yrs	July 2008
23.	Development of an information system for forest tree species associated insects and their management.	Dr. Sharad Tiwari	7.60	3 yrs	June 2008
	CFRHRD, Chhindwara				
24.	Studies on the seasonal variation in active chemical constituents of Hadjor, <i>Cissus quadrangularis</i> Linn.	Dr. Vishakha Kumbhars	3.50	4 years	July 2006
25.	Standardization of Nursery technology and evaluation of various types of planting stocks of <i>Pterocarpus marsupium</i> . An endangered leguminous tree.	Sh. Vedpal Singh	3.95	4 years	July 2006
26.	Genetic improvement of <i>Buchnanania lanzan</i> .	Sh. N.D.Khobragade	4.35	4 years	July 2007
27.	Standardization of cultivation Protocol for <i>Asparagus racemosus</i> (Satawar)	Sh. Suneesh Buxy	6.90	4 years	June 2007
EXTERNALLY AIDED PROJECTS					
1.	Integrated development of Bamboo for economic upliftment in central India. Sub-project: Insect and diseases of Bamboo occurring in Central India and their management NBM	Dr. K.C. Joshi,	7.70	3 years	Oct. 2007
2.	Lead institution for Achanakmar-Amarkantak Biosphere Reserve Chhattisgarh. MoEF	Dr. K.C.Joshi	12.80	3 years	June 2006
3.	Development of integrated insect pest and disease control system for major	Dr. P. B. Meshram	6.83	3 years	Nov 2006

	economically important forest tree species M.P. SFD				
4.	Studies on taxonomy of Braconid parasitoids (Hymenoptera: Braconidae) from central India CSIR	Dr. Mohd. Yousuf	6.76	3 years	June 2007
5.	Studies on the natural enemies of teak pests, <i>Hyblaea puera</i> and <i>Eutectona machaeralis</i> , and their role in suppressing the population of insects in Madhya Pradesh. M.P. Council of Science & Tech. Bhopal	Dr. N. Roy Choudhury	5.20	2 years	Jan. 2008
6.	Isolation, identification and evaluation of insecticidal phytochemicals from <i>Annona squamosa</i> L. (Annonaceae) against <i>Hyblaea puera</i> Cram and <i>Eutectona machaeralis</i> Walker, two major pests of teak (<i>Tectona grandis</i> Linn.). CSIR	Dr. N. Kulkarni	5.92	3 years	June 2007
7.	Development of model for the management of white grubs in teak nursery, under the Concept of Integrated pest Management F.D.C.M. Maharashtra	Dr. N. Kulkarni	1.50	2 years	April 2007
8.	Screening of indigenous species of <i>Trichogramma</i> Westwood & <i>Trichogrammatoidea</i> Girault (Hymenoptera: Trichogrammatidae) from central India and their utilization against important forest insect pests. DST	Dr. Mohd. Yousuf	10.26	3 years,	Aug. 2005
9.	Varietal improvement of <i>Rauwolfia serpentina</i> and <i>Tinospora cordifolia</i> through germplasm selection evaluation and breeding. NMPB	Dr. Y. Mishra	7.00	4 years	April 2006
10.	Evaluation and prediction of oil bearing capacity of Sandal (<i>Santalum album</i> L.) germplasm using physio-morpho-molecular marker DS Group, Noida, U.P.	Dr. S.A. Ansari	18.10	3 years	April 2007
11.	Molecular characterization of <i>ex situ</i> conserved germplasm and identification of molecular markers associated with wood quality traits in <i>Tectona grandis</i> L.f DBT, New Delhi	Dr. S.A. Ansari	20.01	3 years	Aug. 2007
12.	Studies on <i>in vitro</i> regeneration of plantlets and their genetic (molecular) fidelity in <i>Saraca indica</i> Linn., a vulnerable medicinal tree CSIR	Dr. Fatima Shirin	7.74	3 years	Dec. 2006
13.	Bamboo species suitability for different degraded non forest areas in M.P. NBM	P.N. Mishra	3.60	3 years	June 2008
14.	Identification of suitable tree species and other vegetation for biodrainage in Bargi	Dr. Avinash	31.89	5 years	Sept. 2005

	command area (Jabalpur M.P.) MoWR	Jain			
15.	Standardization of sustainable harvesting practices of <i>Terminalia Arjuna</i> bark MP MFP Fed. Bhopal	Dr. A.K. Pandey	1.50	3 years	Nov. 2005
16.	Standardization of non-destructive harvesting practices of Arjuna (<i>Terminalia arjuna</i>), Maida (<i>Litsea chinensis</i>) bark and Salai (<i>Boswellia sarrata</i>) oleoresin CGMFD	Dr. A.K.Pandey	1.80	3 years	Nov. 2005
17.	Standardization of non-destructive harvesting practices of Aonla (<i>Phyllanthus emblica</i>), Baheda (<i>Termania bellerica</i>) and Baividang (<i>Embelia ribes</i>) fruits.	Dr. A.K.Pandey	1.80	3 years	Nov. 2005
18.	Establishment of multilocational trials of <i>Jatropha curcas</i> under the Network Programme of (DBT), GoI, DBT	Dr. A.K. Pandey	23.02	3 yrs	Oct.08
19.	Nutritive values and value addition of some bamboo species of central India NBM	Dr. A.K.Pandey	5.80	3 years	Aug. 2007
20.	Studies on developing alternative methods of sustainable harvesting of medicinal plants. NMPB	Dr. A. K. Pandey	17.38	3 yrs	July 2008
21.	National Network on Integrated Development of <i>Jatropha</i> and Karanj. NOVOD	Dr. A.K. Pandey	35.40	7 years	Sept. 2004
22.	Processing techniques of NWFP's of Chhattisgarh- <i>Madhuca latifolia</i> , <i>Shorea robusta</i> , <i>Schleichera oleosa</i> , <i>Pongamia pinnata</i> , <i>Buchanania lanzan</i> spreng (Chironjee). CGMFD, Raipur	Mrs Neelu Singh	1.00	3 years	Nov, 2005
23.	Quality assessment of NWFP's from different Chhattisgarh regions species: <i>Asparagus racemosus</i> , <i>Buchanania lanzan</i> spreng, <i>Andrographis paniculata</i> , <i>Emblica officinalis</i> and <i>Embelia ribes</i> . CGMFP	Mrs Neelu Singh	1.00	3 years	Nov. 2005
24.	Non destructive harvesting practices for selective MFPs, Species - <i>Buchanania lanzan</i> (Chironjee) CGMFP	Mrs Neelu Singh	1.00	3 years	Nov. 2005
25.	To study utilization pattern of plants in ethno- medicinal uses prevalent in tribal pockets of Satpura plateau in Madhya Pradesh. (MP State Biodiversity Board, Bhopal)	Dr. V. Nath	12.00	4 years	July 2006
26.	Identification of species and ethno botanical survey. (CG, MFD, Raipur)	Dr. V. Nath	7.55	3 years	Jan. 2006
27.	Project: - Integrated Development of economic Upliftment in Central India. Sub-project: - "Sustainable	Shri. Rajat S Pal	11.10	3 years.	Oct. 2007.

	Development of new Bamboo Agro forestry techniques of increased income generation in the Central Indian States” NBM				
28.	Sustainable yield assessment / harvesting of Non Wood Forest Produce (NWFP) in People’s Protected Areas (PPAs) of Chhattisgarh	S.D. Sonkar	5.00	3 years	Oct. 2005
29.	Nursery technologies of mass multiplication of superior seedlings - Maida, Baividang, Sarpgandha, Chironjee Arjun, Aonla, Bael in Chhattisgarh CGMFP Fed.	S.D. Sonkar	0.50	3 years	Oct. 2005
	CFRHRD,Chindwara				
30.	Field trial on Agro Forestry model in farmers field with medicinal trees and herbs in Satpura Plateau of Madhya Pradesh. Funding agency:NMPB	Shri Suneesh Buxy	10.00	3 Years	Jan. 2006
31.	Developing methodology and parameters for selecting of CPTs of NTFPs species MSFD	Shri N.D. Khobragade	3.63	2 yrs	June 2008

Abstract

Plan Projects -	27
Externally Aided Projects	31
-	
Total -	58