

List of ongoing research projects reviewed during 2009

HFRI, Shimla

Sl. No	Project title	Name of PI	Total outlay (Rs. in lakhs)	Project period	Date of Start
PLAN PROJECTS					
1.	Diagnostic Studies of Indigenous and Institutionalized Participatory Forest Management (PFM) in Himachal Pradesh to Assess the Most Suited Approach and its Impact on Forest Conservation.	Sh. Manoj Bhaik	1.25	4 years	April 2005
2.	Allozyme variation in natural populations of Deodar (<i>Cedrus deodara</i>)	Dr. Rajesh Sharma	7.85	3 years	April 2005
3.	Introduction and Performance Trials of <i>Gmelina arborea</i> for Agroforestry in Lower Hills of Himachal Pradesh and Jammu & Kashmir.	Dr. V.P. Panwar	8.45	5 years	April 2007
4.	Evaluation of soil fertility status and nutrient return from important indigenous agroforestry systems in H.P.	Dr. V.P. Panwar	4.00	5 years	April 2006
5.	Standardization of Nursery Techniques of Five Prominent Indigenous Species (<i>Capparis spinosa</i> , <i>Collutea nepalensis</i> , <i>Caragana gerardiana</i> , <i>Ribes orientale</i> , <i>Crataegus songarica</i>) besides <i>Elaegnus angustifolia</i> , <i>Hippophae rhamnoides</i> & <i>Rosa webbiana</i> of cold deserts	Dr. K.S. Kapoor	13.10	8 years	April 2002
6.	Study on the Impact of Ban on Green Felling in Deodar, Kail, Fir and Spruce Forests of Uttarakhand and Himachal Pradesh A collaborative project with FRI, Dehra Dun).	Sh. RP Singh Asstt. Silviculturist (G) Co-PI: Dr. K.S. Kapoor	25.96	3 years	April 2008
7.	Ecological assessment of floristic diversity in Kalatop Khajjiar wild life sanctuary of district Chamba, Himachal Pradesh	Dr. R. K. Verma	5.65	3 years	April 2008
8.	An Ecological Assessment of Floristic Diversity in Hemis High Altitude National Park, Ladakh, Jammu and Kashmir.	Dr. Vaneet Jishtu	8.70	5 yrs	April 2006
9.	Survey, Biology and Control of Insect-pests of Important Medicinal Plants in Himachal Pradesh.	Dr. Rajneet Singh	4.10	5 years	April 2005
10.	Management of Insect Borer Complex in Chir-Pine.	Dr. Rajneet Singh	4.40	5 years	April 2006
11.	Management of Indian Gypsy Moth (<i>Lymantria obfuscata</i>) in HP	Dr. S. Chakrabarti	17.40	5 years	April 2008
12.	Survey and Bioecology of potential insect-pests	Dr. Pawan	4.57	2 years	April

	and pathogens of cone and seeds of <i>Pinus gerardiana</i> Wall.	Kumar			2008
13.	Assessment of nutritional status of most preferred wild edible plants of Kinnaur District, Himachal Pradesh	Dr. A. Rajasekaran	11.40	3 years	April 2008
14.	Planting Stock Improvement Programme in <i>Cedrus deodara</i>	Dr. Rajesh Sharma	24.00	5 years	April 2003
15.	Productivity enhancement through selection of superior clones of <i>Dalbergia sissoo</i> . (Planting Stock Improvement Programme)	Dr. Rajesh Sharma	10.57	5 years	April 2007
16.	Population genetic analysis and characterization of <i>Cedrus deodara</i> germplasm through DNA based markers	Dr. H.S. Ginwal Co-PI: Dr. Rajesh Sharma	5.25	3 years	April 2008
17.	Determination of morphological and physiological quality parameters of nursery stock of Deodar (<i>Cedrus deodara</i>) and Ban Oak (<i>Quercus leucotrichophora</i>)	Dr Sandeep Sharma	19.80	5 years	April 2007
18.	Development of Techniques for raising Deodar (<i>Cedrus deodara</i>) Plantations through Tall Plants	Dr Sandeep Sharma	3.00	3 years	April 2008
19.	Standardization of Methodology for Seed Collection, Seed Handling, Storage and Breaking Seed Dormancy in <i>Juniperus polycarpus</i> C. Koch and <i>Fraxinus xanthoxyloides</i> (Wall. ex G. Don) DC.	Sh. P. S. Negi	2.50	5 Years	April 2006
20.	Identification of superior chemotypes and <i>ex-situ</i> conservation of <i>Podophyllum hexandrum</i> Royle form Himachal Pradesh and Jammu & Kashmir (Nubra Valley)"	Jagdish Singh	29.30	5 years	April 2009
21.	Assessment of Optimum harvest limits of <i>Picrorhiza kurroa</i> & <i>Valeriana jatamansi</i> in Himachal Pradesh	Dr A. Rajasekaran	26.62	5 years	April 2009

EXTERNALLY AIDED PROJECTS

1	Ecological assessment of forest areas falling under Kol Dam Hydroelectric Project, Himachal Pradesh HPSFD	Dr R. K. Verma	10.00	4 years	April 2005
2.	Studies on plant diversity in Rakchham - Chitkul Wildlife Sanctuary of district Kinnaur, Himachal Pradesh GBP Institute Himayan Env. and Dev, Almorah	Dr R. K. Verma	5.47	3 years	April 2006
3.	Network project on "Population Assessment, and Identification of Superior Genetic Stock of <i>Picrorhiza kurroa</i> Royle ex. Benth and	Sh. Mohinder Pal, Sh. Jagdish	43.50	3 years	Dec. 2008

	<i>Valeriana jatamansi</i> Jones by Screening Different Populations from Northwest Himalayas (Himachal Pradesh and Uttarakhand). NMPB, New Delhi	Singh, Dr Sandeep Sharma, Dr. K.S. Kapoor			
4.	Ecological assessment, collection, multiplication and establishment of clonal banks of the superior genotypes of economically important Hill Bamboos (<i>Arundinaria spp.</i>) in Himachal Pradesh. Ministry of Agriculture, National Bamboo Mission, New Delhi	Dr. K.S. Kapoor	20.28	3 Years	April 2009
5.	Taxonomy, Biodiversity, Habitat Association of Noctuid moths (Lepidoptera:Noctuidae) in various Conifer Forests of Himachal Pradesh. MoEF	Dr. Pawan	15.70	3 Years	Sept. 2008
6.	Setting up 100 hectare demonstration plot in Himachal Pradesh and production of elite planting material of <i>Dendrocalamus hamiltonii</i> DBT	Dr. Rajesh Sharma	29.40	3 years	July 2005
7.	Suitability of <i>Jatropha curcas</i> L. seed sources in low and mid Himalayan regions of Himachal Pradesh DBT	Dr. Sandeep Sharma	28.02	5 years	Feb. 2005
8.	Production of Quality Planting Material of <i>Aconitum heterophyllum</i> Wall. Ex Royle & <i>Angelica glauca</i> Edgew & Extension of their Cultivation Technology To Local Communities NMPB	Dr Sandeep Sharma	9.50	3 years	April 2006
9.	Field Evaluation of Superior Accession of <i>Jatropha curcas</i> L. under Micromission Programme in Himachal Pradesh. DBT	Dr. Sandeep Sharma	22.50	3 Years	2008

Abstract:		
i.	Plan Projects -	21
ii.	Externally Aided projects -	09
	Total -	30