

**G.B. PANT INSTITUTE OF HIMALAYAN ENVIRONMENT AND DEVELOPMENT
KOSI- KATARMAL, ALMORA (UTTARAKHAND)**

LIST OF COMPLETED EXTERNAL FUNDED PROJECTS 1988 to 2014 (up-to 28.05.2014)

S. No.	Name of the Project	P.I.	Duration	Funding Agency	Total project outlay	Fund Generated by GBPIHD	Status
1.	DWTM(PSR) Project: Development of Force-lift Hand-pump for use in the Himalayas.	Prof. P.S. R & Dr. A.N. Purohit	1988-1990	Drinking Water Technology Mission Govt. of India	2,65,600.00	2,13,400.00	Completed
2.	DST-RKM-KGS Project: Biological Mechanism in the maintenance of soil fertility under varied land use practice in Kumaon Himalaya.	Dr. R.K. Maikhuri,	1989-1992	DST, New Delhi	2,23,520.00	1,51,400.00	Completed
3.	DST-KGS Project: Biological Mechanisms in the maintenance of soil fertility under varied land use practice in Kumaon Himalaya.	Dr. K.G. Saxena	1990-1995	DST, New Delhi	2,23,520.00	1,45,000.00	Completed
4.	DST-PSR/KGS Project: Introduction of rainwater harvesting technology for sustainable rural development in Kumaon and Garhwal Himalayas.	Prof. P.S. R & Dr. K.G.S	1990-1994	DST, New Delhi	1,80,000.00	1,40,000.00	Completed
5.	DST-RSR Project: Timber line and Snow line vegetation of Kumaon in Central Himalayan Aspects of Composition Diversity and Conservation”	Dr. R.S. Rawal	1992-1995	DST, new Delhi	2,42,000.00	1,65,000.00	Completed
6.	Biotech-I (U.D.) Project: Evaluation propagation and utilization of selected trees for the waste and marginal lands of Central Sub Himalayan Hills.	Dr. U. Dhar	1993-1997	DBT, New Delhi	28,45,000.00	28,42,000.00	Completed
7.	DST-E.S. Project: Symbiotic Nitrogen Fixation and Maintenance of Soil Fertility in the Eastern Himalaya.	Dr. Eklabya Sharma	1993-1995	DST, New Delhi	1,26,400.00	1,15,000.00	Completed
8.	DST-RKM Project: Ecology and Socio economy of Transhumance communities of central Himalaya.	Dr. R.K. Maikhuri	1994-1996	DST, New Delhi	1,14,620.00	50,000.00	Completed
9.	Biotech-II(ANP) Project: Application of Biotechnology in Conservation, Multiplication & Improvement of Himalayan Threatened Plant Species.	Prof. A.N. Purohit	1994-1998	DBT, New Delhi	66,03,670.00	62,06,470.00	Completed
10	DBT-LMS Project: Asian Biotechnology & Biodiversity sub programme of FARM Project.	Dr. L.M.S. Palni	1994-1997	DBT, New Delhi	2,54,500.00	2,39,419.00	Completed
11	DOA-APK Project: . Watershed Development Project for Rainfed Areas.	Dr. A.P.Krishna Sikkim unit	1994-1997	Department of Agriculture Gangtok, Sikkim	1,99,800.00	3,00,000.00	Completed
12	Biotech-III (LMSP) Project: Network programme for mass propagation and improvement of tree species of the Himalayan region.	Dr. L.M.S. Palni	1994-2000	DBT, New Delhi	68,51,000.00	68,51,000.00	Completed

13	DST-SKN Project: Seedling development and subsequent growth in relation to cotyledonal senescence in two alpine rosettes.	Dr. S.K. Nandi	1995-1997	DST, New Delhi	7,23,476.00	5,50,000.00	Completed
14	IEG-KK Project: Valuation of Water for natural resource Accounting in the Kumaun region.	Er. Kireet Kumar	1995-1998	Institute of Economic Growth Univ. New Delhi	1,80,000.00	1,80,000.00	Completed
15	CSIR-RCS Project: Wild Edible Plants of Food Value, Their Nutrient Status and Regeneration in Sikkim Himalaya.	Dr. R.C. Sundriyal	1995-1998	CSIR, New Delhi	9,33,600.00	8,97,104.00	Completed
16	DST-SKB Project: Biochemical aspects of ammonium assimilation in mountain plants.	Dr. S.K. Bhadula	1995-1998	DST, New Delhi	12,50,000.00	10,50,000.00	Completed
17	WWF-India-U.D. Project: Prioritisation of conservation sites in the Timber Line Zone of West Himalaya.”	Dr. U.Dhar	1996-1998	WWF, New Delhi	2,60,200.00	2,48,205.00	Completed
18	HAIGAD-DSR-Phase-II) Project: Farm Programme : Khulgad Watershed	Dr. D.S. Rawat	1997-1999	Department of Agriculture, Almora	2,20,915.00	2,11,500.00	Completed
19	UADP-LMS Project: Using Agricultural Diversity, Exploration, Quantification and use of Agricultural diversity and folk knowledge in a remote landscape of Central Himalaya.	Dr. L.M.S. Palni	1997-1999	IIM. Ahmedabad	2,80,000.00	2,98,320.00	Completed
20	MoE&F (RKM) Project: Inventory Commercial Utilization and conservation of Agro-Biodiversity for sustainable development of buffer zone villages of Nanda Devi Biosphere Reserve.	Dr. R.K. Maikhuri	1997-2002	MoE&F, New Delhi	6,46,960.00	5,60,625.00	Completed
21	Biotech-IV Project: Standardization of hardening systems for transfer and establishment of planting material of selected multipurpose trees for the waste and marginal lands of central sub Himalayan hills.	Dr. U.Dhar	1997-2001	DBT, New Delhi	15,96,000.00	15,52,000.00	Completed
22	DBT-LMS Project: Bio prospecting of biological wealth using biotechnological tools, Sub Programme: Chromosome fingerprinting and DNA bank net of Himalayan endangered species (Field Station)”.	Dr. L.M.S. Palni	1997-2002	DBT, New Delhi	9,81,000.00	9,08,183.00	Completed
23	ICAR-E.S/KKS Project: Productivity, energetic & maintenance of soil fertility in Agroforestry system of Sikkim.	Dr. K.K. Singh	1997-2001	ICAR, New Delhi	9,14,225.00	8,44,560.00	Completed
24	MoE&F (KSR) Project: Land use and changes analysis in Nanda Devi Biosphere Reserve of west Himalaya.	Dr. K.S. Rao	1998-2001	MoE&F New Delhi	11,33,000.00	10,86,000.0	Completed
25	DBT-DoS-LMS Project: Biodiversity Characterization at Landscape Level- District Almora”.	Dr. L.M.S. Palni	1998-2001	DBT, New Delhi	3,09,858.00	2,85,657.00	Completed
26	SAC-LMS (Alaknanda Valley) Project: Environmental hazard Zonation and optimal Resource use in the Alaknanda Valley.”	Dr. L.M.S. Palni	1998-2004	Space Application Center, Ahmedabad.	44,44,900.00	14,80,000.00	Completed

27	MoE&F (SSS) Project: Studies on the structure composition and Changes of vegetation in Nanda Devi Biosphere Reserve of West Himalaya.	Dr. S.S. Samant	1998-2001	MoE&F New Delhi	7,50,480.00	7,46,125.00	Completed
28	ISRO-APK(Sikkim) Project: Geo-Environmental Assessment of Landslide Hazards in Parts of Sikkim Himalaya for mountain Risk Engineering Evaluations using remote sensing and GIS Techniques.	Dr. A.P. Krishna	1999-2003	Department of Space, Bangalore	8,91,320.00	7,90,000.00	Completed
29	CSIR-SCR (Skm. Unit) Project: Hydro-Ecological Linkages of Carbon Dynamics in Relation to Land Use/Cover Changes in a Himalayan Watershed.	Dr. S.C. Rai	1999-2002	CSIR, New Delhi	9,80,600.00	9,27,962.00	Completed
30	MoE&F Lead-BR (RSR) Project: Nanda Devi, Manas, Dibru-Saikhowa and Dehang-Debang Biosphere Reserve”.	Dr. R.S. Rawal	1999-2011	MoE & F New Delhi	12,65,600.00	13,24,724.00	Completed
31	MoE&F(KBR) Project: Kanchanjanga Biosphere Reserve-Landscape changes reserve status and human dimensions”.	Dr. R.C. Sundriyal	1999-2003	MoE&F New Delhi	8,69,416.00	8,60,000.00	Completed
32	DST-KK-I Project: Hydrometry & Estimation of sediment load of Gangotri Glacier in Garhwal Himalaya.	Er. K. Kumar	1999-2005	DST, New Delhi	23,98,000.00	18,50,000.00	Completed
33	DST-HCR Project: Himalayan yew: Current status, regeneration, eco-physiology and Conversation strategies”	Dr. H.C. Rikhari	1999-2001	DST, New Delhi	3,86,984.00	3,86,984.00	Completed
34	MoE&F (SCRV) Project: Impact of Anthropogenic activities on Bio resources in cold deserts of Lahaul Valley in north Western Himalaya.	Dr. S.C.Ram	2000-2004	MoE&F, New Delhi	5,36,988.00	5,13,956.00	Completed
35	MoE&F (U.S) Project: Inventory of tree diversity and collection and propagation of high value taxa in namdapha proposed biosphere reserve, Arunachal Pradesh.	Dr. Uma Shankar	2000-2004	MoE&F, New Delhi	3,40,280.00	2,95,019.00	Completed
36	Biotech-IX (Skm.) Project: Genepool preservation and mass propagation of Sikkim Himalayan Rhododendrons using biotechnological tools.	Dr. E. Sharma	2000-2004	DBT, new Delhi	32,20,000.00	31,45,715.00	Completed
37	NBSAP-UD Project: National Biodiversity Strategy and action Plans.	Dr. U.Dhar	2000-2001	NBSAP, New Delhi	3,00,000.00	2,24,475.00	Completed
38	DBT-DOS-S.S Project: Biodiversity Characterization in Munsyari with special emphasis to bio-prospecting. (Phase-II)	Dr. Subrat Sharma	2000-2001	DBT, New Delhi	2,50,000.00	2,30,818.00	Completed
39	Biotech-VIII (N.E) Project: Augmenting food and Economic Security of Tribal communities Particularly women in Arunachal Pradesh through Simple Low cost Technological Interventions.	Dr. R.C. Sundriyal	2000-2003	DBT, New Delhi	11,00,000.00	5,25,005.00	Completed
40	MoE&F (NDMD) Project: Lead/Coordinating Institution for Nanda Devi, Manas, Dibru-Saikhowa, Dehang-	Dr. S.S. Samant	2000-2004	MoE&F New Delhi	13,77,996.00	13,35,510.00	Completed

	Debang and kangchendzonga BRs.						
41	MAP-DASD (RSR) Project: Development of Medicinal and Aromatic Plants.	Dr. R.S. Rawal	2000-2007	Ministry of Agriculture & Co-operation Calicut, Kerala	30,00,000.00	28,29,000.00	Completed
42	DOS-DBT (N.E.) Project: Biodiversity Characterization at Landscape Level Using RS&GIS	Dr. R.C.Sundriya I	2000-2002	DBT, New Delhi	1,66,000.00	1,66,000.00	Completed
43	Biotech-X (HKB) Project: Socio-economic upliftment of rural community of Himalaya particularly women and biodiversity conservation through cultivation of medicinal plants using low cost and simple techniques.	Dr. H.K. Badola	2000-2003	DBT, New Delhi	9,44,000.00	8,49,000.00	Completed
44	Biotech-VII (RKM) Project: Promoting cultivation of Medicinal Plants through Biotechnological inputs in the Nanda Devi Biosphere Reserve Buffer Zone Villages and in adjacency Niti Valley of Garhwal Himalaya for socio economic development of the Bhotiya.	Dr. R.K. Maikhuri	2000-2004	DBT, New Delhi	14,58,000.00	14,57,000.00	Completed
45	ICAR-NATP-KSR Project: Sustainable management of plant biodiversity in the mission mode under the National Agricultural technology project.	Dr. K.S. Rao	2000-2003	ICAR, New Delhi	13,07,800.00	12,86,527.00	Completed
46	ICSSR (PKS) Project: People, Gender and indigenous knowledge in the use and conservation of resources in the Central Himalayan region of India.	Dr. P.K. Samal	2000-2002	ICSSR, New Delhi	2,17,350.00	2,07,000.00	Completed
47	Shiwalik (DKA) Project: Development of Comprehensive Shiwalik Watershed Development Strategy.	Dr. D.K. Agarwal	2001-2002	Ministry of Agriculture, New Delhi	9,50,000.00	7,67,125.00	Completed
48	NBSAP-UD Project: National Biodiversity Strategy and Action Plan.	Dr. U.Dhar	2001-2002	NBSAP, New Delhi	3,00,000.00	2,99,400.00	Completed
49	CSIR (AP) Project: Selection of Plant growth promoting microbes for potential use in mountains.	Dr. Anita Pandey	2001-2005	CSIR, New Delhi	16,88,000.00	10,29,800.00	Completed
50	ICAR- NATP (RCS) Project: Impact of contour hedgerow farming system technology on land capability restoration in upland Agriculture system and capacity building for technology dissemination in N.E. India.	Dr. R.C. Sundriyal	2001-2004	ICAR, NAIP New Delhi	22,63,978.00	19,88,535.00	Completed
51	WWF-RCS Consultancy project: Participatory Biodiversity project in Arunachal Pradesh.	Dr. R.C. Sundriyal	2001-2002	WWF-India, WBSO Culcutta	2,20,000.00	2,20,000.00	Completed
52	IUCN-HIMAL (RSR) Project: Biodiversity Conservation Strategy for the Himalayan Region.	Dr. R.S. Rawal	2001-2004	IUCN, Dehradun	3,59,000.00	3,59,000.00	Completed
53	DST-KKS-Sikkim unit Project: Demonstration and capacity building of mountain farmers and rural women	Dr. S.C. Rai / Dr.	2001-2004	DST, New Delhi	8,75,000.00	8,62,300.00	Completed

	on farm based simple technologies in Sikkim.	K.K.Singh					
54	Biotech-XI (A.P.) Project: Microbes in Himalayan soils: Biodiversity and potential applications.	Dr. Anita Pandey	2001-2004	DBT, New Delhi	27,02,000.00	24,78,624.00	Completed
55	DST-M.S. Project: Impact of multipurpose contour hedgerows inter-cropping on productivity and soil fertility in shifting agricultural (Jhum) fields in the North East India.	Dr. Manju Sunderiyal,	2001-2004	DST, New Delhi	8,82,000.00	8,00,000.00	Completed
56	DOLR-GCSN Project: Demonstration of Silvi-pasture model for wasteland restoration in western Himalaya.	Dr. G.C.S. Negi	2001-2007	Department of Land Resources, New Delhi	10,00,000.00	4,77,000.00	Completed
57	DST-Tifac- Skm. Project: Demonstration of Agricultural production Potential in Sikkim Himalaya.	Dr. S.C. Rai	2001-2010	DST, New Delhi	15,44,500.00	15,07,785.00	Completed
58	DOLR-KK Project: Performance and adaptability analysis of sloping watershed Environmental Engineering Technology (SWEET) in the hills of Kumaon Himalayas.	Er. Kireet Kumar	2001-2007	Department of Land Resources, New Delhi	29,85,000.00	27,99,290.00	Completed
59	Biotech-XII (DSR) Project: Establishment of biotechnology park o for capacity building and economic upliftment with particular reference to women of Indian Himalayan Region.	Dr. D.S. Rawat	2001-2004	DBT, New Delhi	1,31,59,000.00	1,14,45,000.00	Completed
60	Biotech-XIII (LMSP) Project: Characterization and improvement of tea through biotechnological tools.	Dr. L.M.S. Palni	2001-2007	DBT, New Delhi	72,40,000.00	64,79,000.00	Completed
61	DBT-DOS-IIRS-SS Project: Field level Characterization of Biodiversity and forest type mapping using remote sensing and GIS in Nandapha National Park.	Dr. Uma Shankar	2002-2003	DBT, New Delhi	4,20,000.00	2,35,000.00	Completed
62	CSIR- S.M. Project: Assessment Conservation and Utilization of Arnebia benthamii wall: A critically endangered medicinal plant of high altitude Himalaya.	Dr. Sumit Majkhola	2002-2004	CSIR, New Delhi	1,56,000.00	1,32,050.00	Completed
63	CSIR-SCA Project: Assessment of plant diversity and human dependence for the conservation of alpine meadows in Nanda Devi Biosphere Reserve, west Himalaya.	Dr. S.C. Arya	2002-2004	CSIR, New Delhi	20,4,147.00	2,04,147.00	Completed
64	DST-U.D. Project: Dynamics of structural or functional features of biodiversity in response to disturbance gradient in forests of Kumaun Himalaya.	Dr. U.Dhar	2002-2005	DST, New Delhi	16,20,000.00	10,80,000.00	Completed
65	CSIR(RKM) G.U. Project: Commercial Utilization for sustainable rural development and conservation of some potential Wild Edible Oil Plants of Garhwal of Uttaranchal.	Dr. R.K. Maikhuri	2002-2005	CSIR, New Delhi	6,98,500.00	6,36,000.00	Completed
66	Medicinal Plant (UD) Project: Assessment of existing stock and scaling up productivity of selected high value Himalayan medicinal plants through biological & biotech approaches.	Dr. U.Dhar	2002-2006	Ministry of Health & Family Welfare New Delhi.	21,00,000.00	20,50,000.00	Completed

67	DST-IDB Project: Assessment of status and development of propagation packages of selected medicinal plants of the Himalaya.	Dr. I.D. Bhatt	2002-2005	DST, New Delhi	10,32,000.00	3,50,000.00	Completed
68	WBNU(APK) Sikkim Project: Community Forest Managements in Sikkim as part of the Environmental law capacity Building.	Dr. A.P. Krishna	2002-2003	National University of Juridical Sciences Kolkata	1,25,950.00	1,25,000.00	Completed
69	SWAJAL-KK-I Project: Uttaranchal Rural water supply & Environmental sanitation (SWAJAL).	Er. Kireet Kumar	2002-2003	P.M.U. Dehradun	28,52,440.00	27,76,802.00	Completed
70	SWAJAL-KK-II Project: Catchments area protection work (SWAJAL).	Er. Kireet Kumar	2002-2009	P.M.U. Dehradun	20,15,600.00	19,24,569.00	Completed
71	ENVIS-II Project: Setting up of Nodes under EMCB-ENVIS Sub-component	Dr. K.S. Rao	2002-2004	MoE&F, New Delhi	5,95,000.00	5,38,930.00	Completed
72	DST-KK-II Project: Quantification of Tectonic Deformation Field in Kumaun Himalaya: A basic Framework for Landslide hazard Modelling using sub-cm Precision GPS Surveys.	Er. Kireet Kumar	2002-2007	DST, New Delhi	38,47,620.00	37,56,000.00	Completed
73	DASP-GCSN Project: Ecological/Economic Efficiency of Certain Interventions under DASP, Uttarakhand.	Dr. G.C.S Negi	2003-2004	DPCU, Almora	74,750.00	74,750.00	Completed
74	WMD-U.D. Project: Environment & Social Guidelines & Social Implementation and Monitoring manuals.	Dr. U.Dhar	2003-2004	WMD Dehradun	8,00,000.00	7,54,486.00	Completed
75	DST-RKM (G.U.) Project: Identification of elite genotypes of Hippophae rhamnoides for multiplication and large scale domestication in the higher Himalayan region of Uttaranchal/	Dr. R.K. Maikhuri	2003-2006	DST, New Delhi	15,70,512.00	15,67,372.00	Completed
76	DST-U-Probe (U.D.) Project: Meteorological Data Collection, Monitoring, Processing and Analysis to Evaluate Climate Variability in the State of Uttaranchal.	Dr. U. Dhar	2003-2009	DST, new Delhi	22,50,000.00	22,50,000.00	Completed
77	MoWR (GCSN) Project: Geohydrological studies for augmentation of spring discharge in Western Himalaya.	Dr. G.C.S. Negi	2003-2013	MoWR, New Delhi	8,98,000.00	7,19,000.00	Completed
78	Biotech-XIV (SKN) Project: Genetic profiling and pilot production of the identified elite species and quantification of the active biomolecules.	Dr. S.K. Nandi	2003-2006	DBT New Delhi	21,47,000.00	18,63,000.00	Completed
79	CSIR- M.J. Project: Assessment and Propagation of Saussurea obvallata (DC) Edgewood-an endangered medicinal herb of the Himalaya.	Dr. Meena Joshi	2003-2005	CSIR, New Delhi	1,53,687.00	1,53,687.00	Completed
80	ISRO-GBP-SS Project: Global Climate change studies in high altitude Himalayan ecosystem.	Dr. Subrat Sharam	2003-2008	NRSA, Dehradun	24,16,216.00	18,97,000.00	Completed
81	DST-V.J./RKM (G.U.) Project: Environmental Impact of recession of Himalayan Glaciers-A case study of Dokriani Bamak Glacier.	Dr. V. Joshi/Dr. R.K. Maikhuri	2003-2008	DST, new Delhi	28,13,000.00	27,60,000.00	Completed

82	DST-N.B. Project: In vitro-Multiplication & hardening of tea clones sealing up for commercial production.	Dr. Niladri Bag	2003-2006	DST, New Delhi	10,98,000.00	5,00,000.00	Completed
83	DST-JCK (H.P.) Project: Changing behaviour of ambient air quality and surface ozone in hill spots-A case study of Kullu Manali Tourist Complex, North western Himalaya.	Dr. J.C. Kuniyal	2003-2006	DST, New Delhi	21,34,800.00	21,00,000.00	Completed
84	DBT-Apple-UD Project: Biotechnological interventions for propagation and improvement of apple rootstock.	Dr. U.Dhar	2003-2007	DBT New Delhi	17,32,000.00	16,80,000.00	Completed
85	NHPC-I (DKA) Project: Formulation of Restoration & Landscaping plan for Dhauliganga Stage-I.	Dr. D.K. Agarwal	2004-2005	NHPC, Dharchula-Pithoragarh (U.K.)	97,750.00	97,750.00	Completed
86	CSIR-(B.P) Project: Investigating the effects of colonizing properties of Myrica esculents in forests of Kumoun, west Himalaya.	Ms. Bhawana Pandey	2004-2005	CSIR, New Delhi	2,44,944.00	2,44,944.00	Completed
87	CSIR-S.C. Rai (N.E.) Project: Nutrient use optimization by improving soil Biological progresses using available resources in a marginal upland Jum farming system of the North East India.	Dr. S.C. Rai	2004-2007	CSIR, New Delhi	2,32,000.00	2,32,000.00	Completed
88	CSIR- (A.K. Dutta) Project: Establishment of callus, suspension and hairy root cultures of Podophyllum hexandrum and P. peltatum under laboratory conditions and scale up cultures for podophyllotoxin production.	Dr. Anil Kumar Dutta	2004-2007	CSIR, New Delhi	19,720.00	15,430.00	Completed
89	NHPC-II (DKA) Project Formulation of comprehensive Environmental Impact assessment and Environment management plan by adding two seasons data in already existing EIA and EMP document submitted in respect of lakhwar Vyasi.	Dr. D.K. Agarwal	2004-2006	NHPC Lakhwar Vyasi Dehradun	11,85,650.00	11,53,500.00	Completed
90	DST-M.J. Project: Conservation & sustainable utilization of Saussurea obvallata (DC) Edgew. for the upliftment of rural inhabitants of high altitudes in U.K.	Ms. Mitali Joshi, W.Y.S	2004-2006	DST, New Delhi	3,75,000.00	3,50,000.00	Completed
91	DST-GPS (Skm.) Project: Influence of geological features on landslides with particular reference to tectonic deformation rates obtained from GPS surveys Kumaoun Himalaya.	Er. Kireet Kumar	2004-2006	DST, New Delhi	15,000.00	15,000.00	Completed
92	DST- M. Nadeem Project: In vitro approaches towards commercial cultivation of Podophyllum spp.	Dr. M. Nadeem	2004-2007	DST, New Delhi	11,52,550.00	10,75,000.00	Completed
93	DST- D.B. Project: Capacity building and economic upliftment of hill women through integrated livestock fish crop farming.	Dr. Deepa Bisht	2004-2007	DST, New Delhi	10,13,000.00	10,11,819.00	Completed
94	MoE&F-EE (RSR) Project: Promoting Biodiversity Awareness through Involvement of Green Corps in the Himalaya-Focus on Uttarakhand".	Dr. R.S. Rawal	2004-2006	MoE&F New Delhi	13,63,000.00	6,81,500.00	Completed

95	DST-RKM (Time) G.U. Project: Demonstration & dissemination of appropriate and cost-effective hill specific technology for sustainable rural development of Garhwal region of Uttarakhand.	Dr. R.K. Maikhuri	2004-2007	DST, New Delhi	23,00,000.00	22,99,951.00	Completed
96	Biotech-XVI (SKN) Project: Network programme for the establishment of demonstration of Bamboo Plantations in Uttarakhand.	Dr. S.K. Nandi	2004-2007	DBT New Delhi	12,46,000.00	10,05,131.00	Completed
97	DST-V.J (SkM) Project: Active tectonics of the Darjeeling Sikkim Himalayas Using GPS based Geodesy. GPS Measurements in the Indo-Burmese are region.	Dr. Varun Joshi	2004-2007	DST, New Delhi	25,37,500.00	7,50,000.00	Completed
98	DST- M.S. Miral Project: Geomorphology and Estimation of Sediment load of Milan Glacier, Kumaon Himalaya.	Dr. M.S. Miral	2004-2008	DST, New Delhi	11,69,451.00	11,69,451.00	Completed
99	NHPC-SSS Project: Preparation of a management plan for Medicinal plants in the catchment area of Parbati H.E. Project Stage-III.	Dr. S.S. Samant. H.P. Unit	2005-2008	NHPC, Bhuntar- Kullu	74,750.00	74,750.00	Completed
10	LDA-RCS/GCSN Project: Participatory Management of Bhimtal Lake Catchment (LDA).	Dr. R.C.S/Dr. G.C.S. Negi	2005-2009	LDA, Nainital	2,00,00,000.00	1,09,82,242.00	Completed
10	CSIR- Y.S.R. Project: Assessment of species composition and fodder quality of Indigenous agro forestry trees in cold desert and sub temperate regions of Himachal Pradesh North western Himalaya.	Dr. Yashwant Singh Rawat	2005-2006	CSIR, New Delhi	1,31,572.00	1,31,572.00	Completed
10	DST-GCSN Project: Ecology of reduced tillage and mulching in the central Himalaya.	Dr. G.C.S Negi	2005-2009	DST, New Delhi	6,47,807.00	5,30,000.00	Completed
10	DST-KK-III Project: Geohydrological studies and quantification sediment load of the Thelu Glacier (Gangotri Glacier system) in Uttaranchal Himalaya.	Er. Kireet Kumar	2005-2009	DST, new Delhi	21,91,945.00	18,87,500.00	Completed
10	DST (M.S.) Project: Augmenting economic security of rural people using indigenous bamboo resource in the Indian Central Himalaya.	Dr. Manju Sundriyal	2005-2007	DST, New Delhi	7,36,978.00	7,00,000.00	Completed
10	WPAI-SSS (H.P.) Project: Studied on floristic diversity of the Hamta-Jagatsukh Catchments in Himachal Pradesh.	Dr. S.S. Samant	2005-2007	World Pheasant Association-india, New Delhi	2,35,750.00	2,35,700.00	Completed
10	ICSSR-O.S.S (H.P) Project: Land use changes and its Environmental impacts in Cold Desert Environment.	Sh. Oinam Santaram Singh	2005-2008	ICSSR, New Delhi	1,68,000.00	1,68,000.00	Completed
10	DST (R.J.) G.U. Project: Behavioural Biology of Asian Elephant in and around the Rajaji National Park , India with special reference of impact of Railway Track on their seasonal traditional migration.	Dr. Ritesh Joshi	2005-2008	DST, New Delhi	11,88,000.00	11,75,000.00	Completed

10	MoE&F-RSR Project: Studies on species and community responses to habitat alterations in timber line zone of proposed Uttarakhand Biosphere Reserve-Management implications.	Dr. R.S. Rawal	2000-2009	MoE&F New Delhi	5,81,051.00	538271.00	Completed
10	DST- B.Sinha Project: Traditional pest management practice among the indigenous tribes practicing shifting cultivation in north east India, documentation & validation.	Dr. Bikramjit Sinha	2005-2007	DST, New Delhi	6,87,900.00	6,50,000.00	Completed
11	DST-PKS (NE) Project: Institutionalising technology backstopping & capacity enhancement for sustainable agricultural development and encouraging entrepreneurship development based on simple rural technologies within the tribal areas of North East India.	Dr. P.K. Samal	2005-2011	DST, New Delhi	16,11,150.00	15,50,000.00	Completed
11	DST-KK-IV Project: Installation and operation of Permanent GPS stations for quantification of tectonic deformation to assessment of stability of Himalayan urban Centers.	Er. Kireet Kumar	2005-2011	DST, New Delhi	88,40,575.00	77,61,000.00	Completed
11	UJVNL-DKA Project: EIA/EMP studies of Nand Prayag Langasu & Tamak Lata HEP.	Dr. D.K. Agarwal & Dr. G.C.S. Negi	2005-2009	UJVNL Dehradun	35,70,450.00	34,46,504.00	Completed
11	SAC-KKS-Skm. unit Project: Snow & Glacier Studies in Sikkim Himalaya.	Dr. K.K. Singh	2006-2010	Space Application Center, Ahmedabad.	21,20,000.00	22,00,000.00	Completed
11	SAC-KK (Phase-I) Project: Snow & Glacier Studies in Kumaon Himalaya	Er. Kireet Kumar	2006-2009	Space Application Center, Ahmedabad.	22,80,000.00	22,60,000.00	Completed
11	ISRO-GBP(JCK-H.P.) Project: Aerosols study during winter season In Kullu Manali Complexm North Western Himalaya.	Dr. J.C. Kuniyal	2006-2008	Department of Space, Kerala	1,60,800.00	1,60,800.00	Completed
11	SPML-U.D. Project: EIA/EMP Studies for Hydroelectric project River Rupin (Stage III,IV,V)	Dr. U.Dhar & Dr. G.C.S. Negi	2006-2008	SPML, New Delhi	21,79,000.00	14,39,207.00	Completed
11	U-Cost-A.P. Project: Field Evaluation of Microbial Inoculants Developed for use in Mountains.	Dr. Anita Pandey	2006-2011	Uttarakhand State Council for Science & Technology, Dehradun	11,16,400.00	10,21,247.00	Completed
11	U-Cost-SKN Project: Development of Callus and hairy root cultures as strategy for production of active compounds from two Himalayan alpine Medicinal Plants.	Dr. S.K. Nandi	2006-2010	Uttarakhand State Council for Science & Technology, Dehradun	14,87,100.00	12,90,100.00	Completed
11	U-Cost (IDB) Project: Population status assessment and screening of active constituents of selected medicinal plants.	Dr. I.D. Bhatt	2006-2010	Uttarakhand State Council for Science & Technology,	8,50,000.00	8,49,700.00	Completed

				Dehradun			
12	DST-SSS (H.P.) Project: Study on the assessment and conservation Prioritization of plant diversity along and altitudinal gradient in Himachal Pradesh. North Western Himalaya.	Dr. S.S. Samant	2006-2010	DST, New Delhi	21,81,963.00	20,00,000.00	Completed
12	NHM-DASD (RSR) Project: Centrally Sponsored Scheme- National horticulture Mission.	Dr. R.S. Rawal	2007-2009	Ministry of Agriculture Calicut, Kerala	2,10,000.00	2,10,000.00	Completed
12	DST-U-Probe (H.P.) Project: Expending outreach through participation of Youth in Real time/field observations to benefit education (PROB&TRC) Kullu &GBPIHED Almora	Dr. R.S. Rawal & Dr. S.S. Samant	2007-2009	DST, New Delhi	26,58,000.00	26,00,000.00	Completed
12	DST-P.T. Project: Development of carrier based formulation of plant growth promoting rhizobacteria suitable for use in Mountain.	Sh. Pankaj Trivedi, Y.Sci.	2007-2009	DST, New Delhi	11,75,000.00	4,25,000.00	Completed
12	MPB-RKM (G.U.) Project: A study on Prioritization and categorization of ailments specific medicinal plants and their contribution in traditional health care systems of tribal and non tribal communities of high altitude region of Alaknanda catchment of Uttaranchal.	Dr. R.K. Maikhuri	2007-2010	National Medicinal Plant Board, New Delhi	27,50,000.00	26,85,274.00	Completed
12	DST-(D.B.) Project: Capacity Development and Economic upliftment of Rural Woman through pond based Integrated farming system approach.	Dr. Deepa Bisht, W.Y.S.	2007-2010	DST, New Delhi	15,33,000.00	15,06,425.00	Completed
12	DST- P.Ghosh (G.U) Project: Soil nitrogen dynamics in relation to quality and decomposability of plant litter traditionally used as manure in the Central Himalaya.	Dr. Paromita Ghosh	2007-2011	DST, New Delhi	20,13,000.00	10,50,000.00	Completed
12	DST-RKA Project: On-farm conservation and molecular characterization of different landraces of rice in Kumaoun region of the Indian Central Himalaya.	Dr. R.K. Agnihotri	2007-2010	DST, New Delhi	12,24,000.00	3,75,000.00	Completed
12	DST-RKM (Time) Project: Demonstration value addition and upgradation of traditional wild edible products for sustainable livelihood in Kedarnath Valley of U.K.	Dr. R.K. Maikhuri	2008-2011	DST, New Delhi	13,84,456.00	13,83,649.00	Completed
12	SAC-DMSP-V.J. (Skm.) Project: Development of Early Warning model for Landslide using Remote Sensing and GIS: Case Study from Sikkim.	Dr. Varun Joshi/Er. K.Kumar	2008-2012	Space Application Center, Ahmedabad.	16,10,000.00	12,01,000.00	Completed
13	MoE&F-Lead Garden (RSR) Project: Development of Lead Garden at GBPIHED Kosi-Katarmal, Almora.	Dr. R.S. Rawal	2008-2013	MoE&F New Delhi	40,41,000.00	39,16,000.00	Completed
13	GOI-UNDP-CCF-I-PKS (N.E.) Project: Biodiversity Conservation through Community base Natural Resource Management.	Dr. P.K. samal	2008-2011	MoE&F New Delhi	4,00,000.00	2,80,000.00	Completed
13	GOI-UNDP-CCF-II-PKS (N.E.) Project: Biodiversity Conservation through Community base Natural	Dr. P.K. Samal	2008-2013	MoE&F New Delhi	2,90,00,000.00	2,34,06,328.00	Completed

	Resource Management.						
13	Task Force-S.S Project: Institutional Support to the Task Force for Hill States & Hill Areas.	Dr. Subrat Sharma	2009-2013	Planning Commission New Delhi	10,00,000.00	5,74,080.00	Completed
13	MoE&F Botanical Garden (H.P.) Project: Improvement of infrastructural facilities in the Botanical Garden for conservation of rare endangered and threatened plants in the Arboratum at Mohal Kullu.	Dr. S.S. Samant	2009-2013	Ministry of Environment & Forest, New Delhi	9,08,000.00	9,08,000.00	Completed
13	CSIR- M.S. Project: Augmenting Bamboo Productivity and regeneration through improvising harvesting practice and propagation in the State of Uttarakhand.	Dr. Manju Sundriyal	2008-2010	CSIR, New Delhi	3,55,611.00	3,55,611.00	Completed
13	CSIR-KKS (Skm.) Project: In-Vitro propagation and conservation of some rare and endangered Rhododendron species of Sikkim Himalaya.	Dr. K.K.Singh	2009-2013	CSIR, New Delhi	17,03,955.00	7,16,780.00	Completed
13	DST (W.Y.S.) M.P. Project: Conservation farming for Soil fertility soil moisture & crop yield improvement in the mountain rainfed agro-ecosystem.	Dr. Madhuri Pant	2009-2012	DST, New Delhi	10,86,010.00	7,60,000.00	Completed
13	DST (W.Y.S.) S.M.Dhyani Project: Strengthening fodder resources and Developing a pilot model for reducing drudgery of rural women in Kedarnath Valley.	Dr. Shalini Mishra	2009-2013	DST, New Delhi	14,15,750.00	13,50,000.00	Completed
13	DST-Rinu.K Project: Phosphate solubilising fungi in Himalayan soil Diversity and applications.	Sh. Renu.K	2009-2013	DST, New Delhi	13,53,000.00	13,50,000.00	Completed
14	DST-SCA (N.E.) Project: Assessment of Plant diversity and depending in East siang district of Arunachal Pradesh.	Dr. S.C. Arya	2009-2013	DST, New Delhi	10,49,800.00	3,88,200.00	Completed
14	DST- S.Joshi Project: Participatory water management Plan for mid altitude Himalayan villages using optimized water harvesting systems.	Dr. Sneh Joshi	2009-2013	DST, New Delhi	14,75,071.00	14,50,000.00	Completed
14	DST-JCK (HP) Project: Ambient Air pollution and its sources in the background sites of different hill spots in the north western Himalaya.	Dr. J.C. Kuniyal	2009-2013	DST, New Delhi	48,34,800.00	48,00,000.00	Completed
14	HRDI-RKM-I (old) Project: Kedar Ghati Main Koot, Kutki Nursery Ka Vikas.	Dr. R.K. Maikhuri	2009-2012	Herbal Research & Development Institute (HRDI) Mandal, Gopeshwar	3,55,164.00	3,55,164.00	Completed
14	CSIR- Sandeep Rawat Project: Genetic and phytochemical diversity in Hedychium spicatum and Roscoea procera in West Himalaya.	Sh. Sandeep Rawat	2011-2013	CSIR, New Delhi	4,29,200.00	429200.00	Completed
14	CSIR- Balwant Rawat Project: Change in vegetation diversity and plant response in Nanda Devi Biosphere Reserve over the last two Decades.	Sh. Balwant Rawat	2011-2013	CSIR, New Delhi	4,09,533.00	4,09,533.00	Completed
14	NBA-RSR (Cop-11) Project: Showcasing richness, representative ness, uniqueness and the life support values of Himalayan Biodiversity.	Dr. R.S. Rawal	2012-2013	National Biodiversity Authority, Chennai Tamil Nadu.	8,00,000.00	8,00,000.00	Completed

14	NBA-Landscap Yatra RSR (Cop-11) Project: Landscape Yatra Way tool kit and resources during cop-11.	Dr. R.S. Rawal	2012-2013	National Biodiversity Authority, Chennai Tamil Nadu.	7,00,000.00	7,00,000.00	Completed
14	DST- V.J. Project: Role of Micorrhizae on gas exchange characteristics, particularly photosynthesis, and on water relation in three Central Himalayan Oak species.	Dr. Vineeta jagtap	2010-2013	DST, New Delhi	17,81,226.00	17,06,000.00	Completed

**G.B. PANT INSTITUTE OF HIMALAYAN ENVIRONMENT AND DEVELOPMENT
KOSI- KATARMAL, ALMORA (UTTARAKHAND)**

LIST OF ONGOING EXTERNAL FUNDED PROJECTS 1988 to 2014 (up-to 28.05.2014)

S. No.	Name of the Project	P.I.	Duration	Funding Agency	Total project outlay	Fund Generated by GBPIHED	Status
1.	ENVIS Center (SS) Project: Himalayan Ecology and development”	Dr. Subrat Sharma	1992 onward	MoE&F New Delhi	10,88,959.00 (yearly)	10,88,959.00	Ongoing
2.	MoE&F-CDBR-SSS Project: Studies on Diversity and Conservation Status of Plants in the Proposed cold desert Biosphere Reserve of Trans and North West Himalaya.”	Dr. S.S. Samant	2005-2014	MoE&F New Delhi	10,49,701.00	10,12,690.00	Ongoing
3.	ISRO-GBP-JCK-I (H.P.) Project: Aerosols Climatology over the northwestern Indian Himalayan region, Himachal Pradesh.	Dr. J.C. Kuniyal	2005-2014	Physical Research Laboratory Dept. of Space, Ahmedabad	82,13,635.00	80,33,000.00	Ongoing
4.	NMPB-IDB Project: Evaluation and propagation of two vitality strengthening astavarga plants of west Himalaya.	Dr. I.D. Bhatt	2006-2014	National Medicinal Plant Board, New Delhi	28,74,000.00	28,67,107.00	Ongoing
5.	ISRO-GBP-JCK-II (E.O.) Project: Suitable lab space & Establish Environmental observatory, Gaseous air pollution in the background site of sprawling urban environment of Himachal Pradesh.	Dr. J.C. Kuniyal	2008-2014	Physical Research Laboratory Dept. of Space, Ahmedabad.	67,24,000.00	65,99,000.00	Ongoing

6.	NAIP-ICAR (BPK) Project: Enhancement of Livelihoods security through sustainable farming systems and related farm enterprises in North West Himalaya.	Dr. B.P. Kothyari	2007-2014	ICAR-NAIP, New Delhi	1,69,57,340.00	1,26,56,864.00	Ongoing
7.	DST-ILTP (LMSP) Project: Development of Ecosystem Integrity Profile Using Methods for Ecological Risk Assessment in Mountain.	Dr. L.M.S. Palni	2008-2014	DST, New Delhi	32,60,400.00	15,79,857.00	Ongoing
8.	MoE&F (GCS) Project: Environmental and Social Impacts of Hydropower Projects in Ganga River Basin (Dharasu & Gangotri) in Uttarakhand.	Dr. G.C. S. Negi	2009-2014	MoE&F New Delhi	15,81,300.00	12,01,100.00	Ongoing
9.	MoE&F (SS) Project: Exploration Diversity and mapping of vegetation in the Urban Forests of Kumaon Himalayan towns using remote sensing &GIS.	Dr. Subrat Sharma	2008-2014	MoE&F New Delhi	19,90,170.00	12,60,300.00	Ongoing
10	SMPB-IDB Project: Ecological Survey of Medicinal plant conservation area in Uttarakhand.	Dr. I.D. Bhatt	2012-2014	State Medicinal Plant Board, Dehradun	2,63,520.00	1,05,408.00	Ongoing
11	MoE&F NNRMS-RS/GIS Project: Inventorisation and Monitoring of Biosphere Reserves in India using RS and GIS Technology.	Dr. L.M.S. Palni	2010-2014	Ministry of Environment & Forest, New Delhi	2,14,34,000.00	1,40,81,788.00	Ongoing
12	NHPC-SSS Project: Assessment study on socio-economic development of local area.	Dr. S.S. Samant	2010-2014	NHPC Ltd. Kullu	7,15,908.00	5,54,317.00	Ongoing
13	HRDI-IDB Project: सूर्यकुँज प्रकृति विश्लेषण एवं अध्ययन केन्द्र कोसी-कटारमल अल्मेडा में औषधीय पादपों के समग्र विकास हेतु आदर्श पौधशाला का निर्माण।	Dr. I.D. Bhatt	2009-2014	Herbal Research & Development Institute (HRDI) Mandal, Gopeshwar	15,17,776.00	15,17,776.00	Ongoing
14	DBT-IDB Project: Creating a Genomics platform for Apple research in India.	Dr. I.D. Bhatt	2010-2015	DBT, New Delhi	51,04,000.00	21,15,000.00	Ongoing
15	SAC-KK (Phase-II) Project: Monitoring of Snow and Glaciers of Himalayan Region.	Er. Kireet Kumar	2011-2015	Department of Space Application Centre Ahmedabad.	31,15,000.00	29,25,000.00	Ongoing
16	SAC-SS Project: Alpine ecosystem dynamics and impact of climate change in Indian Himalaya.	Dr. Subrat Sharma	2013-2016	Department of Space Application Centre Ahmedabad	23,59,000.00	9,50,000.00	Ongoing
17	SBT-IDB Project: Assessment of ecological and phytochemical features and development of propagation	Dr. I.D. Bhatt	2011-2014	State Biotechnology	4,50,000.00	3,67,693.00	Ongoing

	packages for production of elite planting material of selected Himalayan Berberis a potential source for Berberine alkaloid.			Bhawan, Haldi			
18	MoE&F-SSS (Cold Desert Biosphere) H.P. Project: Ecological evaluation, mapping and conservation prioritization of floristic diversity of the Spiti Valley in the Cold Desert Biosphere Reserve.	Dr. S.S. Samant	2011-2014	Ministry of Environment & Forest, New Delhi	18,70,320.00	11,53,260.00	Ongoing
19	CSIR (D.B.) Project: CSIR Pool Scheme.	Dr. Deepa Bisht	2011-2014	CSIR, New Delhi	11,14,565.00	11,12,760.00	Ongoing
20	DST-R.J. Project: Runoff Modelling and Simulation of sediment load of Gangotri Glacier Systems.	Dr. Rajesh Joshi	2011-2014	DST, New Delhi	21,00,800.00	19,00,000.00	Ongoing
21	MoE&S-GPS (KK) Project: Operation of permanent and Campaign mode GPS stations for quantification of tectonic deformation field in Himalayan terrain.	Er. Kireet Kumar	2012-2016	Ministry of Earth Science, Prithvi Vigyan Mantralay New Delhi	52,30,276.00	27,47,276.00	Ongoing
22	U-Cost (S.Poul) Project: Twisted chir pine in Uttarakhand: Molecular marker for early detection of twisted trait at the nursery stage.	Dr. S. Paul	2012-2014	Uttarakhand State Council for Science & Technology, Dehradun	4,79,400.00	4,24,000.00	Ongoing
23	CARI-ICAR (KCS) Project: CARI-ICAR Network programme.	Dr. K.C. Sekar	2012-2014	Central Arid zone Research Instt. Jodhpur.	5,00,000.00	5,00,000.00	Ongoing
24	NMPB-V. Agnihotri Project: Development of optimum drying conditions for selected Medicinal Plants of Indian Himalayan Region.	Dr. V. Agnihotri	2012-2015	National Medicinal Plant Board (AYUSH) New Delhi	22,23,000.00	17,00,000.00	Ongoing
25	NICRA-ICAR (RKM) Project: Community driven climate resilient hill farming of North West Himalaya.	Dr. R.K. Maikhuri	2012-2015	National Initiative on Climate Resilient Agriculture, Hyderabad	14,29,000.00	9,89,072.00	Ongoing
26	HRDI-RKM-II (G.U.) New Project: Nursery Development of Inula racemosa and Valeriana wallichii under National Mission on Medicinal Plants.	Dr. R.K. Maikhuri	2012-2014	Herbal Research & Development Institute (HRDI) Mandal, Gopeshwar	20,00,000.00	20,00,000.00	Ongoing
27	CSIR- KCS Project: Status Assessment of endemic, Threatened and high value medicinal plants of cold desert areas in Indian Himalayan region.	Dr. K.C. Sekar	2012-2014	CSIR, New Delhi	7,65,310.00	7,65,310.00	Ongoing
28	TAH-CEAP (PKS) Project: Wildlife Management	Dr. P.K.	2012-2016	Public Works	15,29,500.00	7,64,750.00	Ongoing

	plan/Biodiversity conservation plan for Trans Arunachal Highway.	Samal		Department Govt. of Arunachal Pradesh.			g
29	HPPCL-SSS Project: Conducting a study on the impact of Sainj Himachal Pradesh.	Dr. S.S. Samant	2012-2015	Himachal Pradesh Power Corporation Ltd. Bhunter	24,41,692.00	17,45,712.00	Ongoing
30	DST-SERB-GCSN Project: Indicators of climate change in the context of Himalayan ecosystem along an altitudinal gradient.	Dr. G.C.S. Negi	2012-2015	Science & Engineering Research Board, DST New Delhi.	31,76,000.00	12,50,000.00	Ongoing
31	DST-SERB-RKM (G.U.) Project: Threat assessment and conservation of Himalayan silver birch: A Keytone species in Timberline zone of Central Himalayan Uttarakhand.	Dr. R.K. Maikhuri	2012-2015	Science & Engineering Research Board, DST New Delhi	30,33,200.00	16,00,000.00	Ongoing
32	DST-SERB-SKN Project: Eco-physiological and microbiological studies in relation to climate change along an environmental gradient in Himalayan ecosystems.	Dr. S.K. Nandi	2012-2015	Science & Engineering Research Board, DST New Delhi	32,52,000.00	12,00,000.00	Ongoing
33	MoE&F-AES (SSS) Project: All India Coordinated Research Project on Sacred Grove Ecosystem Service Assessment: Assessment of Ecosystem Services in sacred groves of Himachal Pradesh, North Western Himalaya.	Dr. S.S. Samant	2012-2017	Ministry of Environment & Forest, New Delhi	33,08,880.00	12,04,750.00	Ongoing
34	DBT(SKN) Network Project: Preventing extinction and improving conservation status of threatened plants through application of biotechnological of tools.	Dr. S.K. Nandi, Dr. S.S. Samant. Dr. K.K. Singh	2012-2017	DBT, New Delhi	1,13,55,000.00	46,61,200.00	Ongoing
35	DST-SERB-RKS (H.P.) Project: Study of heavy metals transfer from contaminated soil to food chain and their risk to human health in Himachal Pradesh.	Dr. Rajesh Kumar Sharma	2012-2015	Science & Engineering Research Board, DST New Delhi	10,00,000.00	5,70,000.00	Ongoing
36	U-Cost (S. Purohit) Project: Studies on propogation and genetic diversity in Zanthoxylum armatum”	Sh. Sumit Purohit	2013-2015	Uttarakhand State Council for Science & Technology, Dehradun	2,40,900.00	2,04,900.00	Ongoing
37	FRLHT (RCS) Project: Mainstreaming conservation and	Dr. R.C.	2012-14	FRLHT,I-AIM,	2,00,000.00	2,00,000.00	Ongoing

	Sustainable Use of Medicinal Plant Diversity in Three Indian States".	Sundriyal		Bangalore			g
38	CSIR-P.Sati project: Determination of antimicrobial properties of Medicinal value of gintgo biloba L, growing in Indian Himalayan region.	Miss. Priyanka Sati	2013-2015	CSIR, New Delhi	4,72,000.00	2,36,000.00	Ongoing
39	MoE&F (S.Airi) Project: A pilot study on the effects of forest fire and removal of leaf litter on the herbaceous vegetation, soil physico-chemical characteristics and hydrology in a sample reserved chair pine foest of Uttarakhand.	Dr. Subodh Airi/H.Q	2013-2016	MoE&F , New Delhi	43,31,250.00	17,60,000.00	Ongoing
40	DST- Rashmi Raghuwanshi (H.P. unit):- Responses of some high altitude crops to enhanced UV-B radiation and nutrient fertilization.	Dr. Rashmi Raghuvanshi , W.Y.S H.P. unit	2013-2016	DST, New Delhi	19,10,000.00	9,27,000.00	Ongoing
41	ICSSR-RKM (G.U.) Project:- Gaps between Environmental policies & Human Actions: A study of the impacts of Natural Disaster in Garhwal Himalayas on the women of Rudra Prayag District and their coping strategies.	Dr. R.K. Maikhur, Garhwal unit	2014-2016	ICSSR, New Delhi	48,64,912.00	11,40,037.00	Ongoing
42	DST-SERB-KK Project: Geodynamic and hydro chemical studies of Gangotri Glacier system Garhwal Himalaya_	Er. Kireet Kumar/H.Q	2013-2016	DST-SERB, New Delhi	42,30,000.00	20,00,000.00	Ongoing
43	DST-SERB-LSR (G.U.) Project: Assessment & quantitation of defoliation by insect herbivary and its impact on regeneration and population dynamics of Betula utilis D. Don- A key stone species of timber line zone in central Himalaya.	Dr. L.S. Rawat, G.U.	2013-2016	DST-SERB, New Delhi	20,25,000.00	7,00,000.00	Ongoing
44	DST-SERB-JCK (H.P. unit) project: Black Carbon and other Aerosols loading and their impact on melting of the Parvati Glacier in the North western Himalaya.	Dr. J.C. Kuniyal, H.P. unit	2013-2016	DST-SERB, New Delhi	78,55,000.00	65,00,000.00	Ongoing
45	DST-SERB(V.S.N) G.U. project: Assessment of spatiotemporal change in polygonum polystachyum and its impact on biodiversity of Alpine ecosystem, Central himalaya.	Dr. Vikram Singh Negi, Y.S. G.Unit	2014-2017	DST-SERB, New Delhi	21,70,000.00	7,00,000.00	Ongoing
46	DST-SERB-A.K. Jugran Project: Assessment of molecular and biochemical diversity for conservation and effective utilization of Roscoea spp. In West Himalaya.	Dr. Arun Kumar Jugran, H.Q	2014-2017	DST-SERB, New Delhi	22,00,000.00	6,00,000.00	Ongoing
47	U-COST- S. Purohit project: Studies on propogation and genetic diversity in Zanthorylum armatum.	Dr. Sumit Purohit, Young Sci. H.Q	2013-2015	Uttarakhand State Council for Science & Technology, Dehradun	4,81,800.00	2,58,900.00	Ongoing

**G.B. PANT INSTITUTE OF HIMALAYAN ENVIRONMENT AND DEVELOPMENT
KOSI- KATARMAL, ALMORA (UTTARAKHAND)**

LIST OF COMPLETED FORIGEN CONTRIBUTION PROJECTS 1988 to 2014 (up-to 28.05.2014)

S. No.	Name of the Project	P.I.	Duration	Funding Agency	Total project outlay	Fund Generated by GBPIHED	Status
1	<u>Indo-Canadian (PKS) Project:</u> An Empirical study of development of tribal communities from eco cultural perspectives: a study in the Central Himalayan region of India	Dr. P.K. Samal	1994-1996	Indo Canadian Institute New Delhi	19,34,000.00	18,84,942.00	Completed
2	<u>ICIMOD-Salt (N.E.) Phase-I Project:</u> ATFSCFS-SALT	Dr. R.C.Sundriyal	1998-2001	ICIMOD, Nepal	16,29,153.00	15,84,379.00	Completed
3	<u>ICIMOD-KSR Project:</u> Rehabilitation of Degraded land in Mountain Ecosystems Indian Central Himalaya.	Dr. K.S. Rao	1994-1996	ICIMOD, Nepal	1,20,000.00	99,500.00	Completed
4	<u>ICIMOD-BPK Project:</u> Rehabilitation of Degraded land in Mountain Ecosystems Indian Central	Dr. B.P. Kothyari	1994-1996	ICIMOD, Nepal	5,16,645.36	4,08,991.05	Completed

	Himalaya.						
5	Macarthur UNESCO-RKM G.U. project: Designing development and testing sustainable natural resource management models through peoples participation in critical villages in Nanda Devi Biosphere reserve for achieving the objective of conservation of biological resources in the Himalayas.	Dr. R.K. Maikhuri	1995-1999	Macarthur Unesco	25,35,000.00	19,78,594.64	Completed
6	ICIMOD-U.D. Project: Biodiversity studies using remote sensing in the Indian Himalaya.	Dr. U. Dhar	1996-1998	ICIMOD, Nepal	6,25,345.00	5,47,693.00	Completed
7	ICIMOD-LMS Project: Status and Potential of Enterprise Development in Natural Fibre Based Products in the Central Himalayan Region of India.	Dr. L.M.S. Palni	1996-1997	ICIMOD, Nepal	2,18,000.00	2,17,834.00	Completed
8	Eco-Tourism (E. S.) Sikkim unit project: Biodiversity & Eco-tourism Sikkim.	Dr. E.Sharma Sikkim unit	1996-1998	Mountain Institute USA	48,35,000.00	47,15,523.00	Completed
9	MRE-DKA Project: Integrated Training for the Mountain Risk Engineering in the Himalaya India.	Dr. D.K. Agarwal	1997-98	ICIMOD, Nepal	4,25,645.00	3,89,825.00	Completed
10	ICIMOD-PRADYP (Phase-I) Project: Support for Implementing the inception the phase of the people and Resource Dynamics.	Dr. B.P. Kothyari	1997-1999	ICIMOD, Nepal	55,54,321.00	55,48,809.00	Completed
11	ICIMOD-DSR Project: Application of GIS and RS technologies for mountain agriculture management and planning.	Dr. D.S. Rawat	1999-2001	ICIMOD, Nepal	2,31,100.00	1,55,274.00	Completed
12	ICIMOD (RCS) N.E. Project: Identifying issues and options for improving livelihoods of marginalised farmers in shifting cultivation areas of Northeast, India.	Dr. R.C. Sunderiyal	2000-2003	ICIMOD, Nepal	2,32,250.00	1,78,713.00	Completed
13	ICIMOD-PARDYP-BPK Project: People and Resource Dynamics in Mountain Watersheds of the Hindkush Himalayan (PARDYP).	Dr. B.P. Kothyari	2001-2007	ICIMOD, Nepal	1,27,74,824.00	1,11,82,211.91	Completed
14	MacArthur (Unesco-RCS) N.E. Project: People centered land use development in shifting (Jhum) affected Buffer Zone of Namdapha National park in Arunachal Pradesh.	Dr. R.C. Sunderiyal	2001-2003	Macarthur Unesco	15,00,000.00	14,10,434.00	Completed
15	O-Cha-Tea (N.B.) Project: The Second O-Cha (tea) Pioneer Academic Research Grant Program.	Dr. Niladhri Bag	2002-2003	World Green Tea Association Japan	3,37,910.00	10,00,000.00	Completed
16	TSBF-KSR Project: Tropical Soil Biology and Fertility Programme.	Dr. K.S. Rao	2003-2007	TSBF Nairobi	16,60,000.00	15,06,774.00	Completed
17	TSBF-GEF (RKM) G.U. Project: Conservation & sustainable Management of below ground Biodiversity.	Dr. R.K. Maikhuri	2003-2013	JNU, New Delhi	58,10,000.00	57,45,735.00	Completed

18	IIN-INDIA (SSS/RSR) Project: Population assessment and maintenance of germplasm of selected multipurpose trees and rare endangered medicinal plants in the Arboretum Kosi- Katarmal, Almora.	Dr. S.S.Samant & Dr. R.S. Rawal	2003-2004	IIN-India	2,00,000.00	2,00,000.00	Completed
19	UNESCO-III (RKM) Project: Assessment and promotion of eco-tourism in the bufferzone areas of Nanda Devi Biosphere Reserve.	Dr. R.K. Maikhuri	2004-2007	Macarthur Unesco	3,05,323.00	3,05,323.00	Completed
20	SIDA(NAF/DKA) Project: Proposal for planning grants for developing project an analysis of contemporary issues related to carrying capacity of pastoralism in higher Himalaya.	Dr. N.A. Farooque & Dr. D.K.Agarwal	2004-2006	SIDA, Sweden	1,58,613.00	1,58,613.00	Completed
21	MacArthur- Unesco (PKS) N.E. Project: Cultural Landscapes: The basis for linking Biodiversity conservation with sustainable development of Arunachal Pradesh.	Dr. P.K. Samal	2008-2010	Macarthur Unesco	14,20,845.00	13,68,952.00	Completed
22	APN-KK (Old) Project: Asia Pacific Network for Global Change Research.	Er. Kireet Kumar	2008-2010	Institute for Development & Innovation Nepal	5,78,484.00	5,78,484.00	Completed
23	ICIMOD-KKS (BCTL) Project: Assessment of Biodiversity values and ecosystems services in the protected areas of Sikkim Himalaya.	Dr. K.K. Singh	2009-2011	ICIMOD, Nepal	9,84,060.00	9,45,000.03	Completed
24	SIDA-NAF (G.U.) project: Participatory Assessment of Sustainable Scenarios for Himalayan Pastoralism.	Dr. N.A. Farooque	2007-2012	Swedish, Swedan	18,20,450.00	16,97,060.00	Completed
25	ICIMOD-Kailash (RSR) Project: Development of a Trans boundary Framework for Conservation and Sustainable Development in the Greater Mt. Kailash Region of Nepal, India & China.	Dr. R.S. Rawal	2010-2013	ICIMOD, Nepal	65,10,158.46	65,10,158.46	Completed
26	ICIMOD-RSR (Supplementary-IInd) Project: Development of a Trans boundary Framework for Conservation and Sustainable Development in the Greater Mt. Kailash Region of Nepal, India & China "on account of Automatic Weather Station Equipment".	Dr. R.S. Rawal	2010-2012	ICIMOD, Nepal	9,01,155.16	9,01,155.16	Completed
27	ICIMOD-RSR (Supplementary-IIIrd) Project: Studies on Tourism and Traditional Knowledge.	Dr. R.S. Rawal	2011-2012	ICIMOD, Nepal	16,64,226.00	16,64,226.00	Completed
28	ICIMOD-NNP-MNP(RSR/PKS) N.E. Project: Development of base line information and Identification of potential corridors for Namdapa	Dr. R.S. Rawal/Dr. P.K. Samal	2009-2012	ICIMOD, Nepal	15,79,640.00	15,79,640.00	completed

National Park& Mounting National Park N.E. region.						
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**G.B. PANT INSTITUTE OF HIMALAYAN ENVIRONMENT AND DEVELOPMENT
KOSI- KATARMAL, ALMORA (UTTARAKHAND)**

LIST OF ONGOING FORIGEN CONTRIBUTION PROJECTS 1988 to 2014 (up-to 28.05.2014)

S. No.	Name of the Project	P.I.	Duration	Funding Agency	Total project outlay	Fund Generated by GBPIHED	Status
1	<u>PDF-B-GEF Pollinator (RSR) Project</u> : Conservation and Management of Pollination for Sustainable Agriculture through Ecosystem Approach.	Dr. R.S. Rawal	2009-2015	Food and Agriculture Organization of the United Nations Rome, Italy,	89,03,501.86	89,03,501.86	Ongoing
2	<u>APN-KK (New) Project</u> : Impacts of Global Changes on the Dynamics of Snow, Glaciers &	Er. Kireet Kumar	2008-2014	Institute for Development &	31,74,000.00	3,46,291.50	Ongoing

	runoff over the Himalayan Mountains and their consequences & downstream regions.			Innovation Nepal			
3	EARTHWATCH-GCSN Project: Assessment and quantification of forest ecosystem services with special emphasis on pollination in the Indian Himalayan agro-ecosystem.	Dr. GCS Negi	2012-2015	Earthwatch Institute India Trust Chirag Enclave New Delhi	25,51,250.00	22,01,250.00	Ongoing
4	ICIMOD-KSLCI (RSR) Project: Implement Key Activities of Five year Plan under KSLCI.	Dr. R.S. Rawal	2012-2013	ICIMOD, Nepal	11,20,824.22	11,20,824.22	Ongoing
5	ICIMOD-SAWI-S.TARAFDAR (G.U.) Project: Abu Dhabi Dialogue Knowledge forum small grants programme Garhwal unit.	Dr. S. Tarafdar	2012-2014	ICIMOD, Nepal	21,71,741.25	15,87,317.20	Ongoing
6	ICIMOD-KSLCDI (HKB) Sikkim unit project :- Khangchendzonga Landscape Conservation & Development Initiative	Dr. RSR/HKB	2014-2015	ICIMOD, Nepal	41,54,725.00	16,61,891.97	Ongoing
7	ICIMOD-Kailash Main (RSR) Project: Kailash Sacred Landscape Conservation and Development Initiative (Programme Implementation)	Dr. R.S. Rawal	2012-2016	ICIMOD, Nepal	1,81,95,172.48	1,81,95,172.48	Ongoing