

1. List of ongoing and completed ad-hoc projects

S.No.	Title of Project	PI	Department	Funding Agency
1.	Promoting Conservation of Declining Life Support Forest Tree Species in Himachal Pradesh	Dr Yash Pal Sharma	FP, COF	CSIR, IHBT, Palampur
2.	Precision Farming Technologies for enhancing yield and quality of Horticultural Crops	Dr RS Spehia	SS&WM, COF	MIDH, Dept Horticulture, H.P.
3.	Exploring Pharmacologically Important Secondary Metabolites from Endophytes Associated with <i>Viola odorata</i> - An Endemic Plant Species	Dr Richa Salwan	COHF Neri	NMPB, Ministry of Ayush, Gol
4.	Survey, Selection, Phytochemical Evaluation, Cytogenetically Characterization and multiplicative testing of Harar (<i>Terminalia chebula</i> Retz.) in India	Dr Dushyant Kumar	COHF Neri	NMPB, Ministry of Ayush, Gol
5.	Promotion and post-harvest value addition of four important herbs for improvement of livelihood security in cold desert areas of Himachal Pradesh (Jointly with CSIR-IHBT- Palampur an IIT – Kharagpur)	Dr Bandana Dhiman	KVK Tabo	Ministry of Sci and Tech, Gol
6.	Igniting Eco-Intelligence of Media Personal, Rural Youth and College Students for Climate Resilient Mountain Farming and Capacity Building through Science and Technology Communication	Dr Satish Bhardwaj	ENV, COF	NCSTC, Ministry of Sci and Tech
7.	Preparation of Peoples' Biodiversity Register of selected in (PBRs) in 10 Panchayats of Bhatiyat Block, Distt. Chamba of Himachal Pradesh	Dr Kehar Singh Thakur	KVK Chamba	HP State Biodiversity Board, Dept of Sci and Tech
8.	Utilization of soil and plant microbial resources for enhancing the productivity of cropping systems and soil health under jhum and terrace/valley agro systems of Eastern and North-Western Indian Himalayas	Dr Anjali Chauhan	SS&WM, COF	Ministry of Science and Technology, DBT, Gol
9.	Assessment of Impacts of Climate Variability/Change on Apple Crop Productivity and Quality in Himachal Pradesh	Dr SK Bhardwaj	ENV, COF	Dept of Horticulture, H.P
10.	Updation of People's Biodiversity Registers (PBRs) in Himachal Pradesh	Dr Dushyant Sharma	COHF Neri	HP State Biodiversity Board, Dept of Sci and Tech
11.	Development of climate Resilient Fruit based Agro forestry system for the sustaining the livelihood of small holder in Himachal's Himalayas	Dr Prashant Sharma	SAF, COF	RKVY, Dept. of Agriculture, H.P.
12.	ICAR-Consortium Research Platform on Hybrid Crop-Cauliflower (<i>Brassica oleracea</i> var. <i>botrytis</i> L.)	Dr. H.S Kanwar	VEG, COH	ICAR
13.	Sustainable vegetable crop production technology and climate change mitigation through HRD to enhance productivity and livelihood security of small and marginal farmers of Seraj valley of district Mandi.	Dr Rajeev Kumar	COHF Thunag	NABARD
14.	Genomics-led improvement of biotic and abiotic stress tolerance in mustard rape for economic and environmental sustainability	Dr Anil Handa	PATHO, COH	Dept of Biotechnology, MoS&T, GOI
15.	Enhancing nutrient use efficiency, qualitative and quantitative traits of apple with POLY4 customised fertilisation	Dr Pramod Kumar	FRUIT, COH	Sirius Minerals Pvt. Ltd.

16.	Evaluation of Potassium Nutrition in combination with ICL unique K grades in Low & High density apple orchards	Dr Pramod Kumar	FRUIT, COH	ICL Management and Trading India Pvt. Ltd
17.	Bio-efficacy of herbal preparations against scab disease in Apple	Dr Shalini Verma	PATHO, COH	Value Addition Research & Development- Agriculture, Dept Science and Technology, GOI
18.	Comparative analysis of natural and conventional farming practices in apple in Himachal Pradesh	Dr SC Verma	ENTO, COH	Prakritik Kheti Khushhal Kisan Yojna, Dept Agriculture
19.	Survey, ex-situ selection, introduction and on farm demonstration of wild, underutilized fruits and vegetables for crop diversification under changing climate in Himachal Pradesh	Dr Sanjev K Banyal	COHF Neri	Dept of Science and Technology, Shimla
20.	Skill development programme on canopy management of High Density Plantation in apple to the rural youth of the Seraj Valley of District Mandi	Dr Manish Thakur	COHF Thunag	NABARD
21.	Utilization of wild Himalayan pear/kaith (<i>Pyrus pashia</i>) fruit for the sustainable livelihood of the financially weak section of the society in mid-hill region of Himachal Pradesh	Dr Rajat Singh	COHF Thunag	Science and Engineering Research Board (SERB)
22.	Promotion and conservation of indigenous honeybee, <i>Apis cerana</i> , in the potential pockets of Kinnaur	Dr Budhi Ram Thakur	KVK Kinnaur	NABARD
23.	Skill development in ornamental nursery, pot production /bonsai making for sustainable livelihood to the farmers of Sirmour and Solan districts	Dr Reshma Negi	RHR&TS Mashobra	NABARD
24.	Honey and other hive products production model for sustainable high-hill beekeeping in Himachal Pradesh	Dr Meena Thakur	ENTO, COH	National Bee Board
25.	Value addition of sand pear: waste to worth approach for sustainable livelihood of rural population	Dr Rakesh Sharma	FST, COH	DEST, Shimla
26.	Molecular and agronomic evaluation of in vitro developed tolerant tomato somaclones against devastating disease Fusarium wilt	Dr Rajnish Sharma	BIOTECH, COH	DEST, Shimla
27.	Monitoring and evaluation capacity building of universities	P&Head ABM	MBA, COH	NITI Aayog
28.	Agricultural Start-up Ecosystem and Challenges: A study in North India	Dr Rahul Dhiman	MBA, COH	ICSSR
29.	Establishment of infrastructure facility for Subhash Palekar Natural Farming in important temperate fruit crops of Solan district and its popularization through demonstrations and capacity development	Dr Arti Shukla	KVK Kandaghat	Directorate Horticulture, HP-RKVY-Cafeteria
30.	Standardization of vegetable based cropping sequence under naturally ventilated polyhouse in mid hills of Himachal Pradesh	Dr Anchal Chauhan	VEG, COH	NHB, Gurgaon
31.	Evaluation of the bio-efficacy of 2% I-Methylcyclopropene (Smart fresh ProTab) as harvest treatment for apples under Indian conditions	Dr Satish Kumar	FST, COH	Tropical Agrosystem Pvt. Ltd.

32.	Maintenance of imported plants from USA at UHF PEQ site in the Department of Fruit Science, UHF, Nauni, Solan	Dr JK Chauhan	FRUIT, COH	Department Horticulture, Shimla
33.	Species Specific National Awareness Campaign on Ashwagandha in H.P.	Dr Yourmila Kumari	COHF, Thunag	National Medicinal Plants Board, MoA, GOI
34.	Establishment of DUS Co-ordinating centre for Phalaenopsis	Dr SR Dhiman	FLA, COH	PPV&FRA, Gol
35.	Validation of DUS description for the Dahlia (<i>Dahlia</i> sp)	Dr Priyanka Thakur	RHR&TS Dhaulakuan	PPV&FRA, Gol
36.	Ex-situ conservation and maintenance of selected Endangered, Rare, Threatened and Potential Native Ornamentals of western Himalayan region of Himachal Pradesh	Dr Puja Sharma	FLA, COH	Ministry of Env and Forests, GOI
37.	Evaluation of "Picoxystrobin 7.05% + Propiconazole 11.71% w/w (Picoxystrobin 7.05% + Propiconazole 11.71% w/v SC) Galileo way 20 SC in apple, pear and cherry for crop response in Himachal Pradesh	Dr Neelam Kumari	PATHO, COH	CORTEVA
38.	Sustainable floriculture practices and landscaping in the scenario of Climate Change	Dr Puja Sharma	FLA, Nauni	ICAR, New Delhi, Gol
39.	Development of marketing standards, facilities and channels for dry flowers & value-added Products	Dr Bharti Kashyap	FLA, Nauni	RKVY- Cafeteria, Dept. of Agri. H.P.
40.	Establishment of Hi-tech Nursery Unit to reduce virus free planting material of Citrus	Dr Ajay Banyal	COHF Neri	RKVY- Cafeteria, Dept. of Agri. H.P.
41.	Centre of Advance Studies in Horticulture Vegetables (CAFT)	Dr Happy Dev	VEG, COH	ICAR
42.	Network Project on Harvest and post harvest processing and value addition of natural resins and gums	Dr B Dutt	FP, COF	ICAR
43.	Establishment of Clonal Bank (Nursery) and Development of DUS Specific characterization of Poplar germplasm	Dr Shikha Thakur	TIGR, COF	PPV&FRA
44.	Establishment of Clonal Bank (Nursery) and DUS Specific characterization of Willow (<i>Salix</i>) species germplasm	Dr Jai Pal Sharma	TIGR, COF	PPV&FRA
45.	Gramin Krishi Mausam Sewa (AMFU-SOLAN & SEOBAG)	Head ENV	ENV, COF and RHRTS Bajaura	IMD, Gol
46.	Restructured National Bamboo Mission	Dr DR Bhardwaj	SAF, COF	Dept Agriculture H.P., National Bamboo Mission
47.	Studies on the effect of the Nano-Urea and Nano DAP on growth, Yield and Quality of Apple	Dr Sudhir Verma	SS&WM, COF	IFFCO
48.	Cost of cultivation of different fruit crops viz, Pear, Cheery, Plum Kiwi, Pomegranate, Guava and sweet oranges in Himachal Pradesh	Dr Subhash Sharma	Social Science, COF	Dept of Horticulture, H.P
49.	Assessment of orchard pruning wood waste to wealth potential of Himachal Pradesh	Dr Pratima Vaidya	ENV, COF	HIMCOSTE, Shimla, H.P.
50.	Efficacy of Soil and Foliar application of Boron sources on improvement of apple	Dr Pradeep	SS&WM,	US Borax, RIO TINTO

	productivity	Kumar	COF	
51.	Evaluation of Fermented Organic Manure on Apple	Dr Rajesh Kaushal	SS&WM, COF	Indian Oil Corp. Ltd.
52.	Promotion of Climate Resilient Horticultural and Forestry Technologies in Eco Village Baleta of District Hamirpur	Dr Dushyant Sharma	COHF Neri	Eco Village Development Project, DST, H.P.
53.	Impact of Risk Management Strategies on Livelihood of Hill farmers: A Case of Pradhan Mantri Fasal Bima Yojna (PMFBY) in Kangra, Hamirpur, Bilaspur, Una and Mandi districts of Himachal Pradesh	Dr Shilpa	COHF Neri	ICSSR, New Delhi
54.	Efficacy studies of Phosphate Rich Organic Manure (PROM) on important fruit and vegetable crop of Himachal Pradesh	Dr Upender Singh	SS&WM, COF	Ministry of Chemical and Fertilizer, Dept of Fertilizers, New Delhi
55.	Forecasting Agriculture Output using space Agrometeorology and Land based observations FASAL	Dr Satish Bhardwaj	ENV, COF	IMD, MoES
56.	Establishment of Gene Bank, Characteristics of Sea buckthorn (<i>Hippophae rhomboids</i> Linn.) in Cold Desert in Himachal Pradesh	Dr HP Sankhyan	TIGR, COF	PPV&FRA, New Delhi
57.	Precision farming development centre	Dr Ghanshyam Aggarwal	SS&WM, COF	MIDH, MoA&FW, Gol
58.	Production of good planting stock of Harar, Bahera, Aonla and Reetha for carrying out planting and transfer of technology to stakeholders	Dean COF, Nauri	COF	JICA-PIHPFEM&L, H.P. Forest Dept.
59.	Consultancy for plantation for Stability of Cutting and Filled up Slopes (Bhanupali to Beri via Bilaspur Railway Line	Dr DR Bhardwaj	SAF, COF	Rail Vikas Nigam Limited Chandigarh
60.	SNA to Child agency under Agroforestry component of RKVY Cafeteria- Allocation of funds for Agroforestry component of RKVY Cafeteria (2024-25)	Dr Vipin Guleria	RHR&TS Jachh	Dept of Agriculture, H.P. - RKVY
61.	SNA to Child agency under National Bamboo Mission (NBM)- Allocation of funds for National Bamboo Mission (NBM)- 2024-25	Dr Vipin Guleria	RHR&TS Jachh	Dept of Agriculture, H.P. - RKVY
62.	Adapting pastoralism to climate change in Indian Himalayan Region	Dr Shilpa (Neri)	COHF Neri	ICIMOD, Nepal
63.	Development of environmental monitoring laboratory for regular assessment of agroecosystem health in Himachal Pradesh	Dr Hukam Chand Sharma	ENV, COF	RKVY, Dept. of Agriculture, H.P.
64.	Role of <i>Phanera vahli</i> leaves/ <i>Bauhinia Vahli</i> (Taur) in Sustainable Livelihood of the Financially Weaker Sections in Kangra, Himachal	Dr Vijay Rana	COHF Neri	ICSSR, New Delhi
65.	Empowering Himalayan Communities for Disaster Risk Management in Himachal Pradesh	Dr Kashish Walia	COHF Neri	HPSDMA
66.	Development of fodder bank (Silvipastoral model) for sustainable livelihood opportunities in the community land of Kotla-Panjola panchayat in District Sirmour of Himachal Pradesh-India	Dr Praveen Kumar	SAF, COF	Seed Division, DST, Gol
67.	Evaluation of porous pipe for irrigation in vegetable crop cultivation	Dr Ghamshyam	SS&WM, COF	M/s Irrigate Porous Pvt. Ltd.

		Agrawal		
68.	Promoting Aromatic Plants for quality essential oil production	Dr Ravi Bhardwaj	FP, COF	RKVY- Cafeteria, Dept. of Agri. H.P.
69.	Pine needle briquetting as an activity for forest fire management vis-à-vis, environment conservation and natural resource management in Himachal Pradesh sub component- "Renovation of seed science building in Majhgaon farm at Dr YSP UHF Nauni (Solan)	Dr RK Aggarwal	ENV, COF	Pr. CCF-cum-Chief project director, IDP Solan, Forest Department
70.	Mass production of bio-fertilizers / PGPR; Promotion of technology for sustainable horticultural and vegetable crops and for entrepreneurship	Dr Anjali Chauhan	SS&WM, COF	RKVY-DPR, Dept of Agri., H.P.
71.	Establishment of Field gene Bank of Temperate Fruits	Dr Neena Chauhan	RHR&TS Mashobra	PPV&FRA
72.	Centrally Sponsored Scheme (MIDH)	Dr Narender K Bharat	SST, COH	Directorate of Arecanut and Spices Development, Kerala, Gol
73.	Validation of DUS testing guidelines for Lilium (Lilium sp, Oriental, Asiatic, LA Hybrids and OT Hybrids	Dr Sita Ram Dhiman	FLA, COH	PPV&FRA
74.	Enhancing farm income through climate resilient subhash palekar natural farming system in horticultural eco-system	Dr Subhash C Verma	ENTO, COH	Dept of Agriculture
75.	Development of Subhash Palekar Natural Farming (SPNF) Model in Apple	Dr Usha Sharma	Mashobra	PK3Y
76.	Establishment of common incubation facility for processing of Mushroom, Vegetables, fruits, spices and herbs	Director Research	Directorate of Research	State Nodal Agency for IC, Ministry of Food Processing Industries, Gol
77.	National Mission for sustaining the Himalayan Ecosystem: (task Force on Himalayan Agriculture)	Dr Vikas Kumar Sharma	COHF Neri	NMSHE-ICAR
78.	Development of multiplex-PCR based method for detection of important soil borne fungal pathogens of sandalwood and their management	Dr Monica Sharma	COHF Neri	Dept of Biotechnology, MoS&T, GOI
79.	Furthering Entrepreneurship capacity of Natural Farming based FPCs through Institutional Technological Interventions	DEXT	Directorate of Extension Education	PK3Y, HP Gov. and NABARD
80.	Development of DUS test guidelines for Kiwifruit (Actinidia Spp.)	Dr Vishal Singh Rana	FRUIT, COH	PPV&FRA
81.	Furthering Entrepreneurship capacity of Natural Farming based FPCs through Institutional Technological Interventions	Dr Bharti Kashyap	FLA, COH	PPV&FRA
82.	Improvement in socio-economic status of the low-hill farmers through popularization of round the year cultivation of high value vegetable crops	Dr Reenu Kapoor	RHR&TS, Jachh	HIMCOSTE
83.	Preparation of People's biodiversity register of different panchayats in Sirmaur	Dr DP Sharma	FRUIT, COH	HPSBB, DEST

	district, Himachal Pradesh			
84.	Iron & Zinc Bio fortification of Cereals and Vegetable for enhancing Micronutrient Bioavailability in soil–plant system	Dr D K Mehta	VEG, COH	Dept of Biotechnology, MoS&T, GOI
85.	Introduction, conservation and utilization of important plant species in CPRs for making dry flower and value added products to generate livelihood of women on sustainable basis	Dr Bharti Kashyap	FLA, COH	GB Pant National Institute of Himalayan Environment, UK
86.	Creation of Hi-Tech Infrastructure for Mass Multiplication of Kiwi Fruit	Dr DP Sharma	FRUIT, COH	RKVY, Dept of Agri., H.P.
87.	Development of AI based pest and Disease identification app for issuing advisories to outreach the farmers of Himachal Pradesh.	Dr Bhupesh Kumar Gupta	PATHO, COH	NHB, Gurgaon
88.	Development of infectious clone point of care diagnostics and Transcriptome profiling for apple (<i>Malus x domestica</i>) exhibiting mosaic virus in Northwestern Himalayan region of India	Dr Anil Handa	PATHO, COH	ADG(NASF) ICAR, KAB-I, New Delhi
89.	Standardization and establishment of one bigha- Sustainable Farming Model under Natural Farming practices	Dr Pramod Kumar	FRUIT, COH	RKVY - DPR, Dept of Agri., H.P.
90.	Use of underexploited medicinal mushrooms for horticultural diversification and entrepreneurship development	Dr Dharmesh Gupta	PATHO, COH	RKVY - DPR, Dept of Agri., H.P.
91.	Chief Minister's Startup/ Innovation project/ New Industries Scheme	Dr Manisha Kaushal	FST, COH	
92.	Evaluation of the Bio-efficacy of 2% I-Methylcyclopropene Tablet as post harvest treatment for apples under Indian conditions	Dr Rakesh Sharma	FST, COH	Long Fresh Biotechnology Pvt. Ltd. Nagpur
93.	Studies on the microbial diversity and species richness of gut microbes associated with bumble bees	Dr Ruchi Sharma	ENTO, COH	
94.	Evaluation of biological efficiency of 1-MCP (Fitomag preparation) during post-harvest storage of apples	Dr Satish Kumar	FST, COH	Fitomag India Agro Services Pvt. Ltd. (FIASPL), New Delhi
95.	Incubation centre for facilitating school to work transition in Agriculture Sector (Samagra Shiksha)	Dr Inder Dev Dir. Ext.	Directorate of Extension Education	State Project Director, Shimla, H.P. Gov
96.	Physicochemical characterization of Plectranthus Honey-comparative analysis with honey of Punjab & Haryana	Dr Kiran Rana	ENTO, COH	HIMCOSTE - Shimla
97.	Geographical Indication Registration for Sirmour Ginger	Dr Happy Dev	VEG, COH	HIMCOSTE - Shimla
98.	Rhizospheric consortium-based approach for management of wilt and damping off in white sandalwood in Shivalik and Dhauladhar ranges of Himcahal Pradesh	Dr Monica Sharma	COHF Neri	DBT, Gol
99.	Micropropagation for Commercial Scale production of quality walnut planting material in Himachal Pradesh	Dr Pankaj Kumar	BIOTECH, COH	RKVY - DPR, Dept of Agri., H.P.
100.	Creation of irrigation facility at Krishi Vigyan Kendra, Lahaul and Spiti at Tabo	Dr R S Spehia	KVK Lahaul Spiti-II	RKVY - DPR, Dept of Agri., H.P.

101.	Establishment of Sustainable Apple Farming Demonstration unit with natural farming and micro irrigation systems integration at KVK Shimla; a model for regenerative agriculture	Dr Usha Sharma	KVK Shimla	RKVY - DPR, Dept of Agri., H.P.
102.	Value addition of underutilized wild mango fruit for the development of carbonated fruit beverages	Dr Abhishek Thakur	COHF Neri	RKVY - DPR, Dept of Agri., H.P.
103.	Seed production of marigold and flowering annuals for farmer's livelihood security	Dr Priyanka Thakur	RHR&TS Dhaulakuan	RKVY - DPR, Dept of Agri., H.P.
104.	Utilization of natural produce for sustainable livelihood through technological interventions	Dr Anil Kumar Verma	FST, COH, Nauni	RKVY - DPR, Dept of Agri., H.P.