

EXTERNALLY FUNDED ADHOC RESEARCH PROJECTS (as on 31.03.2017)

S.No.	Title of the Project	Name of the P.I.	Duration
Funding Agency: Department of Biotechnology, GOI			
1.	Development of single nucleotide polymorphisms (SNPs) for Brassica juncea	Dr. Ravinder Singh	2013-17
2.	Socioeconomic up-liftment of rural women through development of value added meat products	Dr. Sunil Kumar	2013-17
3.	Erucic acid profiling and introgression of low erucic acid trait in desirable cultivars of Brassica juncea L. (DBT)	Dr. Gyanendra Kumar Rai	2014-17
4.	Isolation, identification and characterization of plant viruses affecting solanaceous crops in different agro climatic zones of Jammu region	Dr. Ranbir Singh,	2015-18
5.	Expression profiling of dof genes for accumulation of seed storage protein and nitrogen profiling in beans (Rajmash)	Dr. Moni Gupta	2015-18
6.	Exploration of respiratory meta-genome of small ruminants and establishment of referral diagnostic facility	Dr. Anil Taku	2015-18
7.	Development of semi-dwarf blast and bacterial blight resistant version of Ranbir Basmati by marker assisted backcross breeding	Dr. R.K. Salgotra	2015-18
8.	Genetic dissection of heat tolerance in wheat using multiple bi-parental RIL mapping populations	Dr. Bikram Singh	2015-18
9.	Economic empowerment of rural goat farmers through scientific intervention in block R.S. Pura of Jammu Division	Dr. J.S. Soodan	2015-18
10.	SSR based Germplasm characterization for resistance to powdery mildew in cucumber (Cucumis sativus L.)	Dr. Susheel Sharma	2015-18
11.	Exploitation of existing bio-diversity for sustainability and farm profitability under rainfed agriculture	Dr. Meenakshi Gupta	2015-18
12.	Community based mass production for bio-agents in J&K: Popularization of low cost technology for agri entrepreneurship through farm based bio-control units	Dr. R.K. Gupta	2015-18
13.	Upliftment of marginal basmati growers through System of Rice Intensification in Jammu region	Dr Anuradha Saha	2016-18
14.	Hydroponically grown fodder for sustainable livestock production and farm profit	Dr. R.K.Sharma	2017-19
Funding Agency: Department of Science & Technology, GOI			
15.	Design and development of a tractor operated soil compaction measurement device	Dr. Hemant Dadhich	2013-17
16.	Development and Evaluation of Automatic Timer Based Variable Speed Device for Sprinkler System	Dr. Sushmita M. Dadhich	2013-17
17.	Entrepreneurship opportunities for socio-economic upliftment of rural farmers through QPM hybrid seed production techniques	Dr. Vikas Sharma	2013-17
18.	Molecular marker assisted selection of powdery mildew resistance genes into the elite cultivars of pea	Dr. Susheel Sharma	2014-17

	(Pisum sativum L.)- SERB		
19.	Farmers' participatory collection, characterization and conservation of endangered genetic diversity of ginger (<i>Zingiber officinale</i> Rosc.) in Shivaliks	Dr. Susheel Sharma	2014-17
20.	Molecular marker assisted introgression and validation of blast resistance genes in the rice cultivar K 343 recommendation for the hill zone of Jammu and Kashmir	Dr. Manmohan Sharma	2014-18
21.	Demonstration of techniques for improving productivity of rainfed areas in Jammu district	Dr. R.K. Srivastava	2015-18
22.	Genome wide analysis of small c-terminally encoded peptide (CEP) multigene family and elucidating its role in abiotic stress tolerance in rice (<i>Oryza sativa</i> L.)	Dr. Sumita Kumari	2015-18
23.	Technological interventions to improve production of dairy and poultry in rainfed areas of Jammu district	Dr. Rajesh Katoch	2016-18
24.	Estimation and Evaluation of anti-microbial residues in foods of animal origin in Jammu region and their impact on human health	Dr. Mudasir Sultana	2016-18
25.	Revival of village ponds through scientific intervention	Dr. Vivek M. Arya	2016-18
26.	Diagnosis and interventional strategies for prevention and control of common parasitic zoonoses of livestock and their rears belonging to schedule caste and schedule tribe population for socio-economic upliftment	Dr. Modh. Rashid	2016-18
27.	Rural Women Technology Park in Deoli Village, Bishnah Block, Jammu District, J&K State (Technological interventions in clean meat, milk, fish production and socio economic empowerment of rural women through training's on value added livestock products)"	Dr Arvind Kumar	2016-18
28.	Assessment of impact of thermal stress on dairy animals of Jammu region and designing low-cost input management interventions for its amelioration	Dr. Dipanjali Kanwar	2017-18
29.	Synthesis of new gene pool following introgression of disease resistance and drought tolerance genes from secondary (<i>Phaseolus coccineus</i> L.) and tertiary (<i>Phaseolus acutifolius</i> L.) gene pools into cultivated <i>Phaseolus vulgaris</i> L.	Dr. Sanjeev kumar	2017-18
Funding Agency: Rashtriya Krishi Vikas Yojna (RKVY)			
30.	Establishment of testing centre for testing of farm implements and machinery	Dr. Susheel Sharma	2013-17
31.	Detection of Acaricide resistance in ticks	Dr. Rajesh Katoch	2014-17
32.	Nutritional enhancement of livestock through Urea Molasses Malnutrient Block and roughage block supplementation	Dr. Rajeev Singh	2014-17
33.	Production of quality planting material of commercially important vegetables of Jammu region	Dr. Sanjeev Kumar	2014-17
34.	Assessment of soil fertility and its spatial variability for nutrient management using GIS in various	Dr. K.R. Sharma	2014-18

	districts of Jammu Division		
35.	Establishment of Nut Centre in intermediate agro-climate zone of Jammu Province to augment requirement of quality planting material	Dr. Rajesh Kumar	2014-17
36.	Standardization of commercial protocol for condensed tannis enriched multi nutrient blocks	Dr. A.K. Pathak	2014-17
37.	Development of organic production pacakage for field crops	Dr. Vikas Sharma	2016-18
38.	Demonstration of agro-techniques and mass production of planting material of kala zeera in Paddar Valley	Dr.Sushil Kr.Gupta	2016-18
39.	Entrepreneurship development in organic farming for sustainable livelihood security of small & marginal farmers	Dr. Narendra Panotra, OFRC	2016-18
40.	Composting technology for farm waste management and nutrient recycling	Dr.Pradeep Wali, ADR,DoR, Mega Seeds	2016-18
Funding Agency: Applications of Micro-organisms in Agriculture and allied Sectors (AMAAS)			
41.	Exploration of Plant Growth Promoting Rhizo-bacteria antagonistic and plant pathogenic microbial resources from high altitude agro-climatic/cropping systems of Jammu and Kashmir State for sustainable agriculture...	Dr. Vishal Gupta	2014-17
42.	Degradation and effective utilization of agrowastes through technologies evolving mushroom or macro-fungi...	Dr. Sachin Gupta	2014-17
Funding Agency: National Bank For Agriculture and Rural Development (NABARD)			
43.	Production & demonstration of quality planting material of commercially important cut and loose flowers in Jammu region under FITF	Dr. R.K.Pandey	2014-17
44.	Commercial production of vegetable seedlings for livelihood security: An entrepreneurship venture	Dr.Manoj Kumar	2014-17
45.	Interventional strategies for prevention and control of common parasitic zoonoses of sheep, goats and nomadic women for socio-economic upliftment of nomads	Dr. Modh. Rashid	2015-17
46.	Promotion of vermi-composting and vermi-wash as a Venture for the up-liftment of socio-economic status of the rural youth district Jammu and Samba	Dr. Pardeep Kumar Rai,	2016-18
47.	Scientific intervention for validation and popularization of traps intensive insect pest management in vegetable growing areas of Jammu region	Dr. Devinder Sharma	2016-18
48.	Training and demonstration of Leaf Color Chart (LCC) based fertilizer N management to farmers under Climate Smart Agriculture Practices (CSAP)	Dr. Vivak M. Arya,	2016-18
49.	Production and demonstration of quality planting material of commercially important medicinal trees for livelihood security	Dr. Punit Choudhary	2016-18
50.	On-farm training and demonstration of biochar for carbon sequestration and climate change mitigation in kandi belt of Jammu	Dr. Peeyush Sharma	2016-18
51.	Setting of Spawn production	Dr. Amrish Vaid	2015-18
Funding Agency: National Food Security Mission			
52.	Quality seed production for higher productivity of	Dr. Brij Nandan	2015-17

	pulses through farmer's participatory programme in Shiwalik foot hills of Jammu region (NFSM)		
53.	Creation of seed hubs for increasing indigenous production of pulses in India	Dr.B.S.Jamwal (Nodal Officer)	2017-19
Funding Agency: Horticulture Mission for North East Himalayas (HMNEH) (MIDH)			
54.	Centre of Excellence for Horticulture (MIDH)	Dr. V.K. Wali,	2014-19
55.	Setting up of New Tissue Culture Unit (MIDH)	Dr. V.K. Wali,	2014-19
56.	Establishment of Biological control laboratory (MIDH)	Dr. V.K. Razdan	2014-17
57.	Disease Forecasting Unit (MIDH)	Dr. V.K. Razdan	2014-17
58.	Establishment of root stock and bud wood bank at SKUAST-J and their large scale multiplication (HMNEH)	Dr. Arti Sharma	2014-17
59.	Domestication of naturally occurring and wild relatives of some fruits for specific horticultural trait (s) (HMNEH)	Dr. Amit Jasrotia	2014-17
60.	Dissemination of refined production technology of rare exotic vegetable crops in Jammu region (HMNEH)	Dr. R.K. Samnotra	2014-17
61.	High density orcharding of mango and guava in Jammu sub-tropics (HMNEH)	Dr. Akash Sharma	2014-17
62.	Technology refinement and dissemination of ginger and turmeric in Jammu region (HMNEH)	Dr. Sandeep Chopra	2014-17
63.	Development of Aonla based cropping system for Jammu sub-tropics (HMNEH)	Dr. Deep Ji Bhat	2014-17
64.	Refinement and improvement of soil quality and water productivity enhancement technology in rainfed orchard of Jammu region (HMNEH)	Dr. Vivek M Arya	2014-17
65.	Training and demonstration on rejuvenation of old/unproductive orchards in Jammu subtropical (HMNEH)	Dr. Prashant Bakshi	2014-17
66.	National Bamboo Mission (MIDH)	Dr. Sushil K Gupta	2014-17
67.	Screening of elite Germplasm of Kagzi lime (Citrus aurantifolia Swingle) and their mass multiplication in subtropical areas of Jammu (MIDH)	Dr. Rakesh Kumar	2014-17
Funding Agency: National Mission for Sustainable Agriculture			
68.	Establishment of micro irrigation systems under On farm water management component (NMSA)	Dr. Susheel Sharma	2014-17
69.	Soil sampling /analysis under Soil Health card (NMSA)	Dr.K.R. Sharma	2016-18
Funding Agency: UMEED....Govt. of J&K			
70.	Creation & capacity building of women self help group members from UMEED as paravets (Pashu Sakhi) of Jammu Division of J&K State....	Dr. M.S. Bhadwal	2015-17
Funding Agency: Defence R & D Establishment, Ministry of Defence			
71.	Screening of suspected animal samples for the presence of Coxiella burnetii (DRDE)	Dr. S.K. Kotwal	2015-17
Funding Agency: Directorate of Agriculture			
72.	Centre of Excellence in Vegetables	Dr.R.K.Gupta, Head,Vegetable Science.	2017-19
73.	Climate Resilient Sustainable Agriculture Project-Bhalwal	Dr.Anil Sharma,ACRA,Dhiansar	2017-19

Funding Agency: ICAR Extramural Projects			
74.	Unraveling occurrences pattern, molecular details of etiology and cost effective preventive measures of bovine mastitis and its impact milk quality and dairy food safety	Dr.Neelesh Sharma	2016-19
Funding Agency: IMD			
75.	Forecasting Agricultural Output using Space, Agrometerology and Land based observations (FASAL), Jammu	Dr. Mahender Singh	2011 onwards
Funding Agency: ICAR funded projects under NAIP, Mega Seed Project, NICRA etc.			
76.	Seed Production in Agricultural Crops	Dr. Pradeep Wali Mega Seed	2010 onwards
77.	National Initiative on Climate Resilient Agriculture (AICRPAM-NICRA)	Dr. Mahender Singh	2011 onwards
78.	National Initiative on Climate Resilient Agriculture, AICRPDA-NICRA-Component-II	Dr. A.P.Singh	2011 onwards
79.	National Initiative on Climate Resilient Agriculture (AICRP)	Dr. Amrish Vaid	2012 onwards
80.	Climate change on lac crop performance (NICRA)	Dr. R. K. Gupta	2012 onwards
81.	Veterinary Type Culture Collection (VTCC) Network Centre	Dr. Anil Taku	2012 onwards
82.	Soil erosion mitigation and carbon sequestration potential of climate resilient agriculture practices in foothill shivaliks of Jammu province	Dr.Vikas Sharma	2016 onwards
83.	Exploring economic opportunities for farmers of kandi villages through application of proven rainfed technologies	Dr.R.K. Arora	2017 onwards
Funding Agency: National Horticulture Board ,Gurgaon			
84.	Establishment of mother plant nurseries for high pedigree plant material for fruit crops	Dr. V. K. Wali	2012 onwards
Funding Agency: All India Coordinated Research Project Networking/AICRP (ICAR)			
85.	Network Project on Outreach of Technologies for Temperate fruit crops	Dr. Mahital Jamwal, I/c RHRSS,Bhaderwah	2009 onwards
86.	Networking project on Poonchi Sheep	Dr. R.K. Tagger	2014 onwards
87.	Conservation of Lac Insect Genetic Resources	Dr. R.K. Gupta	2014 onwards
88.	Outreach Programme on Zoonotic Disease	Dr. S.K. Kotwal	2015 onwards
89.	Integrated Agro Advisory Services (Jammu)	Dr. Mahender Singh	1995 onwards
90.	Agro Advisory Services (Rajouri) mid to high intermediate zone of J&K (Gramin Krishi Mausam Sewa)	Dr Rohit Sharma (TO)	2007 onwards
91.	Livelihood opportunities through agro-technological interventions of tribal communities of Budhal Block	Dr. Arvind Ishwar	2014 onwards
92.	Biotic Stress management in wheat triple Rust	Dr. Tuhina Dey	2013 onwards
Funding Agency: All India Coordinated Research Project VOLUNTARY CENTRES (Long Term) (ICAR)			
93.	All India Network Research Project on Onion and Garlic	Dr. Satish Kumar	2010 onwards

94.	All India Co-ordinated Research Project on Vegetables	Dr R. K. Samnotra	2005 onwards
95.	All India Co-ordinated Project on Wheat and Barley, Rajouri	I/C RARS, Rajouri	1998 onwards
96.	All India Co-ordinated Rice Improvement Project, Rajouri	I/C RARS, Rajouri	2005 onwards
97.	All India Co-ordinated Research Project on Linseed	Dr. D.P. Abrol	2009 onwards
98.	Coordinating Centre under AICRP on Agroforestry	Dr. S.K. Gupta,	2015 onwards
99.	All India Co-ordinated Maize Improvement Project, Maize	I/C RARS, Rajouri	2005 onwards
100.	All India Co-ordinated Maize Improvement Project, Maize	Dr Praveen Singh, Poonch	2012 onwards
101.	All India Co-ordinated Project on Wheat and Barley, Rajouri	Dr. Tuhina Dey	2009 onwards
102.	All India Coordinated Research Project on Nematodes	Dr. Rajan Salalia	2016 onwards
103.	All India Co-ordinated Research Project on Mushroom Chatha	Dr. Sachin Gupta	2015 onwards

All India Coordinated Research Projects (ICAR)		
S.No.	Title of the project	Directorate/Division
1	All India Co-ordinated Rice Improvement Project, Chatha	Division of Plant Breeding & Genetics
2	All India Co-ordinated Project on Wheat and Barley, Chatha	Division of Plant Breeding & Genetics
3	All India Co-ordinated Research Project on Dryland Research	Directorate of Research (DLRSS, Dhiansar)
4	All India Co-ordinated Research Project on Integrated Farming System, Chatha	Division of Agronomy
5	All India Co-ordinated Research Project on Water Management, Chatha	Division of Soil Science & Agril. Chemistry
6	All India Co-ordinated Research Project on Chickpea	Directorate of Research (PRSS, Samba)
7	All India Co-ordinated Research Project on Agrometeorology, Chatha	Division of Agronomy
8	All India Co-ordinated Research Project on Rapeseed and Mustard, Chatha	Division of Plant Breeding & Genetics
9	All India Co-ordinated Research Project on Maize, Udhampur	Directorate of Research (MRC, Udhampur)
10	All India Co-ordinated Research Project on Weed Management	Division of Agronomy
11	All India Co-ordinated Research Project on Honeybee and Pollinators	Division of Entomology

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