

On going Externally Funded Adhoc Research Projects (as on 31.03.2018)

S.No.	Title of the Project	Name of the P.I.	Duration
Funding Agency: Department of Biotechnology, GOI			
1.	Isolation, identification and characterization of plant viruses affecting solanaceous crops in different agro climatic zones of Jammu region	Dr. Ranbir Singh,	2015-18
2.	Expression profiling of dof genes for accumulation of seed storage protein and nitrogen profiling in beans (Rajmash)	Dr. Moni Gupta	2015-18
3.	Development of semi-dwarf blast and bacterial blight resistant version of Ranbir Basmati by marker assisted backcross breeding	Dr. R.K. Salgotra	2015-18
4.	Genetic dissection of heat tolerance in wheat using multiple bi-parental RIL mapping populations	Dr. Bikram Singh	2015-18
5.	Economic empowerment of rural goat farmers through scientific intervention in block R.S. Pura of Jammu Division	Dr. J.S. Soodan	2015-18
6.	SSR based Germplasm characterization for resistance to powdery mildew in cucumber (<i>Cucumis sativus</i> L.)	Dr. Susheel Sharma	2015-18
7.	Exploitation of existing bio-diversity for sustainability and farm profitability under rainfed agriculture	Dr. Meenakshi Gupta	2015-18
8.	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
9.	Upliftment of marginal basmati growers through System of Rice Intensification in Jammu region	Dr Anuradha Saha	2016-18
10.	Molecular marker assisted pyramiding of white rust resistance genes AcB1-A4.1 and AcB1-A5.1 in <i>Brassica juncea</i> cultivar RSPR-01 recommended in Jammu and Kashmir	Dr. Manmohan Sharma	2017-19
11.	Synthesis, characterization and evaluation of ciprofloxacin and gentamycin loaded solid lipid chitisan composite Nanoparticles for the treatments of mastitis in dairy animals	Dr. Neelesh Sharma	2018-20
12.	Endometrial cytology and histopathological evaluations in repeat breeding crossbred cows	Dr. A.K. Pandey	2018-20
Funding Agency: Department of Science & Technology, GOI			
13.	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
14.	Demonstration of techniques for improving productivity of rainfed areas in Jammu district	Dr. R.K. Srivastava	2015-18
15.	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
16.	Technological interventions to improve production of dairy and poultry in rainfed areas of Jammu district	Dr. Rajesh Katoch	2016-18
17.	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
18.	Revival of village ponds through scientific intervention	Dr. Vivek M. Arya	2016-18

19.	Diagnosis and interventional strategies for prevention and control of common parasitic zoonoses of livestock and their reares belonging to schedule caste and schedule tribe population for socio-economic upliftment	Dr. Modh. Rashid	2016-18
20.	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
21.	Assessment of impact of thermal stress on dairy animals of Jammu region and designing low-cost input managerial interventions for its amelioration	Dr. Dipanjali Kanwar	2017-18
22.	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 vulgans</i> L.	Dr.Sanjeev kumar	2017-20
23.	Enhancement of Livelihood Security among Livestock rearers through Technological Interventions	Dr.Ravleen Kour	2017-20
24.	Networking project on revival of village ponds through scientific interventions under the theme managing water cycle including, rain water storage for sustain water productivity in plains	Dr.Vivek M.Arya,	2017-20
25.	Identification of casual SNP's in promoter sequence of CO-5 and development of functional gene based markers for Anthracnose resistance in common bean(<i>Phaseolus vulgaris</i> L.)	Dr. R. K. Salgotra	2017-20
26	Identification of candidate genes associated with drought-stress response and tolerance in rice by high-throughput sequencing	Dr.Mehak Gupta	2017-20
27	Technological development of functional foods for life style disease prevention and its entrepreneurial promotion among farming community in J&K	Dr Arvind Kumar	2017-20
28	Funds for Improvement of S&T Infrastructure (FIST)	Dr. R. K. Salgotra	2017-20
29	Transcriptome analysis, gene annotation and mining of golder herb(<i>Allium sativum</i> L.) expressing resistance to destructive purple blotch(<i>Alternaria porri</i>)	Dr.Aejaz A.Dar	2017-20
Funding Agency: Rashtriya Krishi Vikas Yojna (RKVY)			
30.	Development of organic production pacakage for field crops	Dr. Vikas Sharma	2016-18
31.	Standardization of commercial protocol for condensed tannis enriched multi nutrient blocks	Dr. R.K. Sharma	2014-18
32.	Production of quality planting material of commercially important vegetables of Jammu region	Dr. Sanjeev Kumar	2014-18
33.	Commercial sustainable flower production in Jammu province	Dr.Shahid Ahamad, ADR	2017-20
34.	Entrepreneurship development in organic farming for	Dr. N.Panotra	2016-19

	sustainable livelihood security of small & marginal farmers		
35.	Farm mechanization for reducing cost of production and productivity enhancement.	Dr.Satish Sharma,FM	2017-20
36.	Seed Fair to promote climate Resilient varieties in Jammu division.	Dr.B.N.Singh	2017-20
37.	Large scale demonstrations on bio-pesticides for eco-friendly management of high value crops	Dr.S.K.Singh	2017-20
38.	Organic seed production entrepreneurship in cash crops	Dr.Satesh Kumar	2017-20
39.	<i>In situ</i> moisture conservation for higher maize production under rainfed conditions	Dr.Rohit Sharma	2017-20
40.	Live stock management for health and higher productivity.	Dr.Rajeev Singh, ILFC, R.S.Pura	2017-20
41.	Composting Technology for farm waste Management and Nutrient re-cycling	Dr.Balbir Dhotra	2015-19
Funding Agency: National Bank For Agriculture and Rural Development (NABARD)			
42.	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
43.	Scientific intervention for validation and popularization of traps intensive insect pest management in vegetable growing areas of Jammu region	Dr. Devinder Sharma	2016-18
44.	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
45.	Production and demonstration of quality planting material of commercially important medicinal trees for livelihood security	Dr. Punit Choudhary	2016-18
46.	Setting of Spawn production	Dr. Amrish Vaid	2015-18
Funding Agency: National Food Security Mission			
47.	Creation of seed hubs for increasing indigenous production of pulses in India	Dr.B.S.Jamwal,P.I. Dr.Shahid Ahamad, DDR Coordinator	2017-20
Funding Agency: Horticulture Mission for North East Himalayas (HMNEH) (MIDH)			
48.	Centre of Excellence for Horticulture (MIDH)	Dr. V.K. Wali,	2014-18
49.	Setting up of New Tissue Culture Unit (MIDH)	Dr. V.K. Wali,	2014-18
	NHB		
50	Establishment of mother plant nurseries for high pedigree plant material for fruit crops (GEN-NHB)	Dr.V.K.Wali	2012-18
SMAM (Sub-Mission on Agricultural Mechanization) Ministry of Agriculture and Farmer welfare, Department of Agriculture, Cooperation and Farmer Welfare, Krishi Bhawan , New Delhi			
51.	Promotion and Strengthening of Agricultural mechanization through Training, Testing and Demonstration.	Dr.Sushil Sharma	2017-20
Funding Agency: Defence R & D Establishment, Ministry of Defence			
52	Screening of suspected animal samples for the presence of <i>Coxiella burnetii</i> (DRDE)	Dr. S.K. Kotwal	2015-18
Department of Atomic Energy(DAE), Board of Research in Nuclear Sciences (BRNS)=2			
53	Induction of Anthracnose resistant mutants in locally	Dr. Sanjeev Kumar	2017-20

	adopted genotypes of Rajmash(<i>Phaseolus vulgaris</i> L.)		
54	Development of bacterial blight resistant mutants of locally cultivated Basmati-370 of Jammu region	Dr. Praveen Singh	2017-20
Funding Agency: Directorate of Agriculture			
55	Centre of Excellence in Vegetables	Dr.R.K.Gupta,Vegetable Science	2017-19
56	Development of molecular laboratory for analysis of purity of germplasm of basmati rice and other seeds	Dr. R. K. Salgotra	
Funding Agency: ICAR funded projects under NAIP, Mega Seed Project, NICRA etc.			
57	Seed Production in Agricultural Crops	Dr. Pradeep Wali	2010 onwards
58	National Initiative on Climate Resilient Agriculture (AICRPAM-NICRA)	Dr. Mahender Singh	2011 onwards
59	National Initiative on Climate Resilient Agriculture, AICRPDA-NICRA-Component-II	Dr. A.P.Singh	2011 onwards
60	National Initiative on Climate Resilient Agriculture (AICRP)	Dr. Amrish Vaid	2012 onwards
61	Climate change on lac crop performance (NICRA)	Dr. R. K. Gupta	2012 onwards
62	Veterinary Type Culture Collection (VTCC) Network Centre	Dr. Anil Taku	2012 onwards
63	Soil erosion mitigation and carbon sequestration potential of climate resilient agriculture practices in foothill shivaliks of Jammu province	Dr.Vikas Sharma	2016 onwards
64	Exploring economic opportunities for farmers of kandi villages through application of proven rainfed technologies	Dr.R.K. Arora	2017 onwards
65	Development of sensitive and specific diagnostic assay for the detection of warble fly infestation in goats and eradication of disease from Jammu and Kashmir.	Dr.Anish Yadav,	2017-19
66	NICRA-Strategic Research, Bharderwah	Dr.Rohit Sharma,	2017-19
67	NICRA-Strategic Research, Basoli	Dr. Vivek M. Arya, (Centre-Kathua)	2017-19
68	Attracting and Retaining Youth in Agriculture (ARYA)	Dr. Amrish Vaid	2017-19
69	Organic Training Centre, Talwara	Dr.R.K.Arora/ Dr Banarasi Lal	2017-19
70	Forecasting Agricultural Output using Space, Agrometeorology and Land based observations (FASAL), Jammu	Dr. Mahender Singh	2011 onwards
71	International chickpea of <i>Ascochyta</i> blight Nursery	Dr. S. K. Singh	2018-20
Funding Agency: (ICAR) Networking/AICRP (Voluntary Centers)			
72	Network Project on Outreach of Technologies for Temperate fruit crops	Dr. Mahital Jamwal	2009 onwards
73	Conservation of Lac Insect Genetic Resources	Dr. R.K. Gupta	2014 onwards
74	Outreach Programme on Zoonotic Disease	Dr. M.A.Mallik	2015 onwards
75	Integrated Agro Advisory Services (Jammu)	Dr. Mahender Singh	1995 onwards
76	Agro Advisory Services (Rajouri) mid to high intermediate zone of J&K (Gramin Krishi Mausam Sewa)	Dr Rohit Sharma (TO)	2007 onwards

77	Livelihood opportunities through agro-technological interventions of tribal communities of Budhal Block	Dr. Arvind Ishwar	2014 onwards
Funding Agency: All India Coordinated Research Project- VOLUNTARY CENTRES (Long Term) (ICAR)			
78	All India Co-ordinated Research Project on Vegetables	Dr R. K. Samnotra	2005 onwards
79	All India Co-ordinated Project on Wheat and Barley, Rajouri	I/C RARS, Rajouri	1998 onwards
80	All India Co-ordinated Rice Improvement Project, Rajouri	I/C RARS, Rajouri	2005 onwards
81	All India Co-ordinated Research Project on Linseed	Dr. D.P. Abrol	2009 onwards
82	Coordinating Centre under AICRP on Agroforestry	Dr. S.K. Gupta,	2015 onwards
83	All India Co-ordinated Maize Improvement Project, Maize	I/C RARS, Rajouri	2005 onwards
84	All India Co-ordinated Maize Improvement Project, Maize	Dr Praveen Singh	2012 onwards
85	All India Co-ordinated Project on Wheat and Barley, Rajouri	Dr.Tuhina Dey	2009 onwards
86	All India Coordinated Research Project on Nematodes	Dr.Rajan Salalia	2016 onwards
87	All India Co-ordinated Research Project on Mushroom, Chatha	Dr. Sachin Gupta	2015 onwards
AICRP (Main Centres)=10			
88	All India Co-ordinated Rice Improvement Project, Chatha	Dr. Anil Gupta	2002
89	All India Co-ordinated Project on Wheat and Barley, Chatha	Dr. Tuhina Dey	2002
90	All India Co-ordinated Research Project on Dryland Research	Dr. A P Singh	1972
91	All India Co-ordinated Research Project on Integrated Farming System, Chatha	Dr. N.P. Thakur	1982
92	All India Co-ordinated Research Project on Water Management, Chatha	Dr. A.K. Raina	1984
93	All India Co-ordinated Research Project on Chickpea	Dr. B.S. Jamwal	1995
94	All India Co-ordinated Research Project on Agrometeorology, Chatha	Dr. Mahender Singh	2009
95	All India Co-ordinated Research Project on Rapeseed and Mustard, Chatha	Dr. S.K. Gupta	1998
96	All India Co-ordinated Research Project on Weed Management	Dr.B.R.Bazaya	2015-16
97	All India Co-ordinated Research Project on Honeybee and Pollinators	Dr. Devender Sharma	2014-15
Ministry of Human Resource Development (MHRD), Department of Higher Education=1			
98	Unnat Bharat Abhiyan	Dr.R.K.Arora	2018
International Food Policy research Institute(IFPRI)=1			
99	Mapping the adoption of improved varieties of major crops and management practices in Jammu	Dr.Sudhakar Dwivedi	2018