

## List of On-going Externally Funded Adhoc Research Projects /AICRPs/CSS: 2020-21

S.No.	Title	P.I.	Budget (Lacs)	Funding Agency	Date of Start
<b>Department of Bio-Technology (DBT)=12</b>					
1.	Molecular Characterization of <i>Dichelobacter nodosus</i> and development of recombinant vaccine against ovine foot rot.	Dr.Mohd. Altaf Bhat /Dr.Anil Taku	39.07	DBT, New Delhi	June,2017 Mar.2020 <b>PCR Awaited</b>
2.	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 Assoc. Professor	46.89	DBT, New Delhi	Oct.,2017
3.	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 Asstt. Professor	57.03	DBT, New Delhi	Feb.,2018
4.	Endometrial cytology and histo-pathological evaluations in repeat breeding crossbred cows.	Dr.A.K. Pandey, Asstt. Professor	8.00	DBT, New Delhi	11 <sup>th</sup> April, 2018
5.	Isolation and identification of phosphate solubilizing and diazotrophic bacteria in rhizosphere soil of rice in Jammu districts.	Dr.Renu Gupta, Asstt. Prof.	8.00	DBT, New Delhi	16 <sup>th</sup> July,2018
6.	Establishment of goat mammary epithelial/stem cell lines for the production of pharmaceutical interest proteins.	Dr. Neelesh Sharma, Asstt. Professor	50.52	DBT, New Delhi	10 <sup>th</sup> Aug.,2018
7.	Gujjar and Bakarwal women empowerment through improved managerial practices in Livestock rearing and awareness in Aspects of personal health, hygiene and sanitation.	Dr. Jafrin Ara Ahmed, Asstt. Professor	30.00	DBT, New Delhi	July,2018
8.	Commercialization of quality potato seed production through tissue culture technology.	Dr. R.K. Salgotra Professor	50.00	DBT, New Delhi	2018
9.	Socioeconomic upliftment of rural weaker section (SC/ST) by scientific interventions and amelioration of production disease in dairy animals.	Dr. Neelesh Sharma, Asstt. Professor	40.62	DBT, New Delhi	Oct.5,2018
10.	Upliftment of marginal basmati growers through system of rice intensification (SRI) in Jammu region.	Dr.Anuradha Shah Assoc. Professor	37.65	DBT, New Delhi	28.9.2018
11.	Identification & characterization of phyto-sulfonamide receptor family of rice vis-à-vis Arabidopsis & elucidating its role in abiotic stress tolerance.	Dr.Sumita Kumari Asstt. Professor/ Dr. R.K. Salgotra	60.00	DBT, New Delhi	Jan.,2019
12.	Biotechnological interventions for forest conservation and climate resilient livelihood in eco-fragile hills of J& K.	Dr. R.K.Gupta, Professor, Div. of Entomology	13.18	DBT, New Delhi	April,2019
<b>Department of Science and Technology =23</b>					
1.	Demonstration of techniques for improving productivity of rainfed areas in Jammu district	Dr. R.K. Srivastava	59.36	DST, New Delhi	Oct, 2015 -Mar20 <b>PCR awaited</b>
2.	Technological interventions to improve production of dairy and poultry in rainfed areas of Jammu district	Dr. Rajesh Katoch	39.74	DST, New Delhi	June,2016 <b>PCR awaited</b>

3.	Estimation and Evaluation of anti-microbial residues in foods of animal origin in Jammu region and their impact on human health	Dr. N.K. Pankaj	63.00	DST, New Delhi	June,2016 <b>PCR awaited</b>
4.	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. Mohd.. Rashid, VPH	10.2	DST, New Delhi	Oct.,2016
5.	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	58.00	DST, New Delhi	Jan.,2017
6.	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	40.00	SERB, New Delhi	March,2017
7.	Enhancement of Livelihood Security among Livestock rearers through Technological Interventions	Dr.Ravleen Kour, PDF Dr. Rajiv Singh (Mentor)	21.4	Women Scientist Scheme-B,DST	June,2017
8.	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 <b>(Inter-Institutional)</b>	Dr.Vivak M. Arya, Assistant Professor, Div. of Soil Science.	28.82	DST, New Delhi	June,2017
9.	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.) <b>(Inter-Institutional)</b> (Indo-Mexico)	Dr. R. K. Salgotra School of Biotechnology	20.59	DST, New Delhi	Aug.,2017
10.	Identification of candidate genes associated with drought-stress response and tolerance in rice by high-throughput sequencing.	Dr.Mehak Gupta, PDF, SBT, (Mentor) Dr R.K.Salgotra	19.20	DST-SERB	May,2017 <b>PCR awaited</b>
11.	Technological development of functional foods for life style disease prevention and its entrepreneurial promotion among farming community in J&K	Dr. Arvind Kumar Div. Livestock Products Technology	22.98	DST, New Delhi	Oct.,2017
12.	Funds for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions (FIST).	Dr. R. K. Salgotra School of Biotechnology	52.00	DST, New Delhi	Nov.,2017
13.	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. Aeja A. Dar (Mentor) Dr.Sushil Sharma	9.60	DST-SERB PDF Scheme	Oct.,2017
14.	Studies on Iodine deficiency in Livestock & its management.	Dr. Rajeev Singh	29.00	DST, New Delhi	24 <sup>th</sup> April,2018
15.	Funds for Improvement of S&T Infrastructure (FIST)	Dr. Rajeev Singh	73.00	DST, New Delhi	April,2018

16.	Identification of Molecular characterization of honeybee diseases in J&K.	Dr. Devender Sharma	31.16	DST, New Delhi	August,2018
17.	Generation of variation in Saffron for economical traits and against fungal pathogens through in vitro mutagenesis	Dr. Manmohan Sharma, SBT	35.00	DST, New Delhi	August,2018
18.	Preparation, characterization and evaluation of efficacy of Nano-fertilizer , <b>Inter-Institutional Tirupati</b>	Dr.Vikas Abrol	133.00	DST, New Delhi	March, 2019
19.	Agromorphological characterization of <i>in vitro</i> raised saffron corms and screening of variant for resistant against fungal pathogen	Dr.Mamta Sharma Dr. Man Mohan Sharma (Mentor)	27.00	DST, New Delhi	Feb.,2019
20	North Indian Centre for water technology Research in Agriculture. <b>Inter-Institutional PAU, Punjab</b>	Dr.Vikas Abrol	55.4	DST, New Delhi	1 <sup>st</sup> April,2019
21	Prospecting prebiotic potential of Rumen Liquor	Dr.Ankur Rastogi	44.2	Core Research Grant, SERB,DST	April,2019
22	Efficacy evaluation of indigenous practices for galactose .	Dr.R.C.Bhardwaj	3.24	National Innovation, DST, New Delhi	April,2019
23	Modeling the effects of land use change on soil organic carbon dynamics using geospatial technology	Dr Vikas Sharma	5.50	SERB,DST	08.6.2020
<b>Ministry of AYUSH, GOI, FoA, Wadura=1</b>					
1.	Evaluation and Standardization of agro-techniques of important plants of Jammu Sub-tropics	Dr.Meenakshi Gupta, Agro-forestry	2.50	Agro-forestry	2nd May,2019
<b>Ministry of Human Resource Development (MHRD)=1</b>					
1.	All India Survey on Higher Education (AISHE)	Dr. S.E.H. Rizvi	-	MHRD	2011
2.	Unnat Bharat Abhiyan	Dr.R.K.Arora	1.75	MHRD	27 <sup>th</sup> March, 2018
<b>National Bank For Agriculture and Rural Development (NABARD)=4</b>					
1.	Dissemination and production technology for quality seed and seedling production of marigold to double farmer's income in Jammu	Dr. R.K.Pandey	6.25	NABARD	18 <sup>th</sup> Dec.,2018
2.	Economic analysis of marketing of vegetables	Dr. Anil Bhat	3.0	NABARD	Feb.2020
3.	Empowerment of Rural Youth - Pig Farming in Kathua District	Dr Vijay Kumar, KVK, Kathua	3.56	NABARD	Mar,2020
4.	Parasitic Disease Management in Migratory Flock & Dairy Animals	Dr. Rajesh Katoch	10.62	NABARD	Mar,2020
<b>National Food Security Mission(NFSM)=1</b>					
1.	Creation of seed hubs for increasing indigenous production of pulses in India	Dr.B.N.Singh (Nodal officer)	150.00	NFSM Cell	2017
<b>SMAM (Sub-Mission on Agricultural Mechanization) Director(M&amp;T), Ministry of Agriculture and Farmer welfare, Department of Agriculture, Cooperation and Farmer Welfare, Krishi Bhawan , New Delhi =1</b>					
1.	Promotion and Strengthening of Agricultural mechanization through Training, Testing and Demonstration.	Dr.Sushil Sharma	150.00	SMAM	Sept.,2017
<b>Department of Atomic Energy(DAE),Board of Research in Nuclear Sciences (BRNS)=2</b>					
1.	Induction of Anthracnose resistant mutants in locally adopted genotypes of Rajmash ( <i>Phaseolus vulgaris</i> L.)	Dr. Sanjeev Kumar	29.80	DAE-BRNS	Aug.,2017

2.	Development of bacterial blight resistant mutants of locally cultivated Basmati-370 of Jammu region	Dr. Praveen Singh	33.54	BARC, Trombay, Mumbai	21 <sup>st</sup> June,2018
<b>ICAR funded projects under NAIP, Mega Seed Project, NICRA etc. (All long Term)=13</b>					
1.	Seed Production in Agricultural Crops	Dr. Amrish Vaid	10.27	Directorate of Seed Research (ICAR)	2010
2.	National Initiative on Climate Resilient Agriculture (AICRPAM-NICRA)	Dr. Mahender Singh	20.57	CRIDA (ICAR), Hyderabad	2011
3.	National Initiative on Climate Resilient Agriculture, AICRPDA-NICRA-Component-II	Dr. A.P.Singh	98.90	CRIDA (ICAR), Hyderabad	2011
4.	National Initiative on Climate Resilient Agriculture (AICRP)	Sr. Scientist, KVK, Kathua	9.5	CRIDA (ICAR), Hyderabad	2012
5.	Climate change on lac crop performance (NICRA)	Dr. R. K. Gupta Entomology divi.	4.00	IINRG (ICAR) Ranchi	2012
6.	Veterinary Type Culture Collection (VTCC) Network Centre	Dr. Anil Taku	5.00	NCRE (ICAR) Hisar	2012
7.	Soil erosion mitigation and carbon sequestration potential of climate resilient agriculture practices in foothill shivaliks of Jammu province	Dr. Vikas Sharma	41.75	NICRA	2016
8.	Exploring economic opportunities for farmers of Kandi villages through application of proven rainfed technologies	Dr.R.K. Arora	16.77	ICAR	Jan.,2017
9.	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, Div. of Veterinary Parasitology	250.00	ICAR	June,2017
10.	NICRA-Strategic Research, Bhaderwah	Dr. Rohit Sharma, A.P.	1.60	ICAR-CITH RHRS, Bhaderwah	Sept.,2017
11.	NICRA-Strategic Research, Basoli	Dr. Vivek M. Arya, (Centre-Kathua)	1.60	ICAR-CITH	Sept.,2017
12.	Attracting and Retaining Youth in Agriculture (ARYA)	Dr. Amrish Vaid	30.00	ATARI, Ludhiana	2017
13.	Organic Training Centre, Talwara	Dr. R.K.Arora / Dr Banarasi Lal	5.00	ICAR	2017
<b>Indian Meteorological Department=1</b>					
1	Forecasting Agricultural Output using Space, Agrometeorology and Land based observations (FASAL), Jammu	Dr. Mahender Singh, Assoc.Prof.	11.15	IMD (MOES), New Delhi	2011
<b>National Mission on Himalayan Studies (NMHS)=1</b>					
1.	Availability, utilization and digital document of non-timber bio-resource for sustainable rural livelihood and decision support systems of rural households in Northwest Himalayas (Inter-Institutional)	Dr. Rakesh Nanda	49.00	NMHS, Ministry of Forest Environment	24th April,2018
<b>Ministry of Agriculture, Farmer's Welfare, New Delhi</b>					
1.	RKVT-RAFTAAR	Dr. Jyoti Kachroo Prof.ABM	200.33	Ministry of Agriculture, New Delhi	March,2019
<b>ICAR</b>					
1	SC Sub Plan in convey the Paddy for Jammu Province	Dr. Anuradha Saha, Sr. Scientist,	9.50	SCSP	29.5.2020

<b>Rashtriya Krishi VikasYojna (RKVY)=9</b>					
1	Livestock management for health and higher productivity	Dr. R.K. Sharma	2.00	RKVY	2017
2	Live stock management for health and higher productivity.	Dr. S.K. Gupta/ Dr. Rajeev Singh, ILFC, R.S.Pura	1.00 2.00		2017-20
3	Large scale demonstrations on bio-pesticides for eco-friendly management of high value crops	Dr.Anil Bhushan/ Dr.S.K.Singh	3.00	RKVY	2017
4	Organic seed production entrepreneurship in cash crops	Dr. Satish Kumar	3.00	RKVY	2017
5	<i>In situ</i> moisture conservation for higher maize production under rainfed conditions	Dr. Rohit Sharma	1.32	RKVY	2017
6	Commercial vegetable seed and seedlings production for remunerative farming	Dr.Sanjeev Kumar	1.00	RKVY	2017
7	Commercial sustainable flower production in Jammu province through dissemination of crop production & protection technologies	Dr.Shahid Ahamad, CS	1.50	RKVY	2017
8	Seed Fair to promote climate Resilient varieties in Jammu division.	Dr. Brij Nandan/ Dr Vikas Sharma	1.50	RKVY	2017
9	Establishment of farm machinery testing centre at SKUAST-J	Dr. Sushil Sharma	0.82	RKVY	2013-2020
<b>AICRP- ICAR, Networking Projects (Long Term)=8</b>					
1.	Conservation of Lac Insect Genetic Resources	Dr. R.K. Gupta Ento.divi.	53.93	ICAR, New Delhi	June,2014
2.	Outreach Programme on Zoonotic Disease	Dr. M.A. Malik	55.00	IVRI (ICAR), IzatNagar, Bareilly.	Feb.,2015
3.	Integrated Agro Advisory Services ( <b>Jammu</b> ) Chatha	Dr. Mahender Singh	17.41 (100 % funded by IMD)	IMD (Ministry of Earth Sciences), New Delhi	1995
4.	Agro Advisory Services ( <b>Rajouri</b> ) mid to high intermediate zone of J&K (Gramin Krishi Mausam Sewa)	Dr. Rohit Sharma T.O.	15.52 (100 % funded by IMD)	IMD (Ministry of Earth Sciences), New Delhi	2007
5.	Livelihood opportunities through agro-technological interventions of tribal communities of <b>Rajouri, Poonch, Reasi</b>	Dr. Arvind Ishwar	36.52	ICAR, New Delhi	2019
6.	Biotic Stress management in wheat triple Rust	Dr. Tuhina Dey	11.00	IWBR (ICAR) Karnal	2013
7.	Net work project on Animal Genetic Resource (Poonchi Chicken)	Dr. Dharendra Kumar	28.00	ICAR-NBAGR, Karnal	Dec.,2017
8.	Network project on outreach of technologies for temperate fruit crops	Dr.Manoj Kotwal	5.00	CITH (ICAR), Srinagar	2009
<b>AICRP (Main Centre's)=10</b>					

1.	All India Co-ordinated Rice Improvement Project, Chatha	Dr. V.B.singh	87.07 (75:25 ICAR: State)	IIRR, (ICAR) Hyderabad	1998
2.	All India Co-ordinated Project on Wheat and Barley, Chatha	Dr. Tuhina Dey	39.90 (75:25 ICAR: State)	IIWBR (ICAR) Karnal	2002
3.	All India Co-ordinated Research Project on Dryland Research	Dr. A P Singh	127.47 (75:25 ICAR: State)	ACRIPDA,(ICA R)Hyderabad	1972
4.	All India Coordinated Research Project on Integrated Farming System, Chatha	Dr. Dileep Kachroo, CS	159.92 (75:25 ICAR:State)	PDFSR (ICAR), Modipurram	1982
5.	All India Co-ordinated Research Project on Water Management, Chatha	Dr. A.K. Raina	109.49 (75:25 ICAR:State)	DWM (ICAR) Bhuneswar	1984
6.	All India Co-ordinated Research Project on Chickpea	Dr. Sanjeev Kumar	56.20 (100 % ICAR)	IIPR (ICAR) Kanpur	1995
7.	All India Co-ordinated Research Project on Agrometeorology, Chatha	Dr. Mahender Singh	144.71 (75:25 ICAR:State)	DRMR ,(ICAR) Bharatpur	2009
8.	All India Co-ordinated Research Project on Rapeseed and Mustard, Chatha	Dr. S.K. Rai	98.28 (75:25 ICAR:State)	CRIDA (ICAR), Hyderabad	1998
9.	All India Co-ordinated Research Project on Weed Management	Dr. B.R. Bazaya	122.05 (75:25 ICAR:State)	DWSR (ICAR) Jabalpur	2015
10.	All India Co-ordinated Research Project on Honeybee and Pollinators	Dr. Devender Sharma	31.30 (75:25 ICAR: State)	IARI (ICAR) New Delhi	2015
<b>AICRP (Voluntary Centre's) (Long Term)=13</b>					
1.	All India Co-ordinated Research Project on Vegetables	Dr R. K. Gupta	1.0	IIVR, Varanasi	2005
2.	All India Co-ordinated Project on Wheat and Barley, Rajouri	I/C RARS, Rajouri	0.20	IIWBR (ICAR),Karnal	1998
3.	All India Co-ordinated Rice Improvement Project, Rajouri	I/C RARS, Rajouri	0.20	IIRR, (ICAR) Hyderabad	2005
4.	All India Co-ordinated Research Project on Linseed	Dr. D.P. Abrol/ Dr Uma Shankar	0.39	CSAUAST, Kanpur. AICRP Linseed	2009
5.	Coordinating Centre under AICRP on Agroforestry	Head, Div. of Agroforestry	1.00	ICAR, CARI, Jhansi	2015
6.	All India Co-ordinated Maize Improvement Project, Maize	I/C RARS, Rajouri	0.60	IIMR (ICAR) New Delhi	2005
7.	All India Co-ordinated Maize Improvement Project, Maize	Dr Praveen Singh		IIMR (ICAR) New Delhi	2012
8.	All India Co-ordinated Project on Wheat and Barley.	Dr. Tuhina Dey	0.12	IIWBR(ICAR) Karnal	2009
9.	All India Coordinated Research Project on Nematodes	Dr.Rajan Salalia	0.50	IARI, New Delhi	2016
10.	All India Co-ordinated Research Project on Mushroom, Chatha	Dr. Sachin Gupta	1.30	Directorate of Mushroom, Solan, H.P.	2015

11.	All India Coordinated Project on Pigeonpea (Agronomy)	Dr.Parmendra Singh, ACRA	0.60	IIPR (ICAR) Kanpur	Sept.,2018
12.	AICRP on Biological Control	Dr.Reena, ACRA Dhiansar	-	ICAR-NBAIR, Bengaluru	Jan.,2019
13.	All India Coordinated Project on pearl millet	Dr.Vikas Gupta, ACRA, Dhiansar	-	Jodhpur	2020
<b>Horticulture Mission for North East Himalayas (HMNEH) (MIDH)=2</b>					
1.	Centre of Excellence for Horticulture (MIDH)	Dr.V.K.Wali	784.04	HMNEH (MIDH)	2015
	<b>Centre of Excellence in Vegetables</b>				
1	Centre of Excellence in Vegetables	Dr. R.K.Gupta	6.0		2017
	<b>ICAR, Extra mural (Education)</b>				
1	Assessment of teaching competencies needed by Agriculture teachers for increasing competency of faculty in SAU's	Dr.J.S.Manhas	5.25	ICAR, Education Division, New Delhi	1 <sup>st</sup> April,2019
1	Economics of IFS under diverse agro-climatic situations in J&K state.	Dr.Pawan.Kr. Sharma	10.33	ICSSR, New Delhi	22.11.2019
	<b>JK- STF-under Plan</b>				
1	Development of molecular laboratory for analysis of purity of germplasm of basmati rice and other seeds.	Dr. R. K. Salgotra	196.00	J&K STATE GOVT. UNDER <b>Special Task Force</b>	2013-18
<b>International Projects: 3</b>					
1.	<b>ICRISAT, Hyderabad=1</b> International chickpea of <i>Ascochyta</i> blight Nursery	Dr. S. K. Singh	0.30	ICRISAT, Hyderabad, India	Nov.,2017
2.	Use of plant health clinic data to explore localized forewarning & surveillance of selected pests and diseases.	Dr.Vishal Gupta,	3.50	CAB UK (Centre for Agriculture and Bio-sciences)	12th Nov.,2018
3.	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> )	Dr. R. K. Salgotra School of Biotechnology	20.59	DST, New Delhi <b>(Indo-Mexico)</b> .	Aug.,2017
<b>Inter-Institutional Projects:5</b>					
	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. <b>(With PAU, Punjab)</b>	Dr.Vivak M.Arya, Assistant Professor, Div. of Soil Science, FOA	28.82	DST, New Delhi	June,2017
	Synthesis, characterization and evaluation of ciprofloxacin and gentamycin loaded solid lipid chitisan composite Nanoparticles for the treatments of mastitis in dairy animals. <b>(With Centre of Biotechnology, University of Allahabad, U.P.)</b>	Dr. Neelesh Sharma	57.03	DBT, New Delhi	Feb.,2018
	Preparation, characterization and evaluation of	Dr.Vikas Abrol	133.00	DST, New	March, 2019

	efficacy of Nano-fertilizer , <b>(Inter-Institutional Tirupati, A.P.)</b>			Delhi	
	North Indian Centre for water technology Research in Agriculture. <b>(Inter-Institutional PAU, Punjab)</b>	Dr.Vikas Abrol	55.40	DST, New Delhi	March, 2019
	Availability, utilization and digital document of non-timber bio-resource for sustainable rural livelihood and decision support systems of rural households in Northwest Himalayas <b>(Inter-Institutional )</b>	Dr. Rakesh Nanda	49.00	NMHS, Ministry of Forest Environment	24th April,2018

**Total Number of Projects: 111**