

List of On-going Externally Funded Adhoc Research Projects at SKUAST Jammu: 2022-23

S.No.	Title	Name of the P.I. along with contact No.	Amounts (Lakh)	Funding Agency	Date of Start/ Completion
Department of Bio-Technology (DBT)					
1.	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
2.	Endometrial cytology and histopathological evaluations in repeat breeding crossbred cows.	Dr.A.K. Pandey, Asstt. Professor	8.00	DBT, New Delhi	11 th April, 2018
3.	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 th July,2018
4.	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 th Aug.,2018
5.	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
6.	Commercialization of quality potato seed production through tissue culture technology.	Dr. R.K. Salgotra Professor	50.00	DBT, New Delhi	Sep. 2018
7.	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
8.	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
9.	Identification & characterization of phyto-sulfo kinase 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
10.	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
11	Collection & DNA profiling of nutritionally important underutilized vegetables of North western Himalayas	Dr Sanjeev Kumar	47.50	DBT	18.1.2022
Department of Science and Technology					

12	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
13.	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.) (Inter-Institutional) (Indo-Mexico)	Dr. R. K. Salgotra School of Biotechnology	20.59	DST, New Delhi	Aug.,2017
14.	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
15.	Studies on Iodine deficiency in Livestock & its management.	Dr. Rajeev Singh	29.00	DST, New Delhi	24 th April,2018
16.	Funds for Improvement of S&T Infrastructure (FIST)	Dr. Rajeev Singh	73.00	DST, New Delhi	April,2018
17.	Identification of Molecular characterization of honeybee diseases in J&K.	Dr. Devender Sharma	31.16	DST, New Delhi	August,2018
18.	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
19.	Preparation, characterization and evaluation of efficacy of Nano-fertilizer , Inter-Institutional Angaru, Tirupati, A.P.	Dr.Vikas Abrol	133.00	DST, New Delhi	March, 2019
20.	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
21.	North Indian Centre for water technology Research in Agriculture. Inter-Institutional PAU, Punjab	Dr.Vikas Abrol	55.4	DST, New Delhi	1 st April,2019
22.	Prospecting prebiotic potential of Rumen Liquor	Dr.Ankur Rastogi	44.2	Core Research Grant, SERB,DST	April,2019
23.	Efficacy evaluation of indigenous practices for galactose .	Dr.R.C.Bhardwaj	3.24	National Innovation, DST, New Delhi	April,2019
24.	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
	ICMR, New Delhi				
25	Functional and Genetics Modulation of Glutamate Cysteine Ligase (GCL) in Drug Induced renal Damage Using In Vitro and in	Dr. Pawan kumar Verma	15.89	ICMR	29.12.2021

	vivo toxicity models				
Ministry of AYUSH, GOI, FoA, Wadura					
26.	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
Ministry of Human Resource Development (MHRD)=1					
27.	All India Survey on Higher Education (AISHE)	Dr. S.E.H. Rizvi	-	MHRD	2011
National Bank For Agriculture and Rural Development (NABARD)					
28	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 th Dec.,2018
29.	Economic analysis of marketing of vegetables	Dr. Anil Bhat	3.0	NABARD	Feb.2020
30.	Empowerment of Rural Youth - Pig Farming in Kathua District	Dr Vijay Kumar, KVK, Kathua	3.56	NABARD	Mar,2020
31.	Parasitic Disease Management in Migratory Flock & Dairy Animals	Dr. Rajesh Katoch	10.62	NABARD	Mar,2020
32.	Training and Demonstration on vegetable and fodder production through hydroponics system in Jammu region of J&K	Dr Gurdev Chand, Plant Physiology 9419164417	13.39	NABARD	Mar,2020
33	Transfer of Technology for management of Alternate bearing through Hormonal Intervention in Mango varieties of Jammu region	Dr.BK Sinha Division of Plant Physiology 9419394006	10.54	NABARD	Mar,2020
34	Promotion of Kala zeera Paddaer Valey of Kistwar district.	Dr.Sushil Gupta Prof.Agroforestry	10.50	NABARD	2021
35	Mobilization of farmers through development of bee village for collective marketing of organic honey.	Dr. Devinder Sharma, Asstt. Professor, Ento. 9419117305	9.30	NABARD	2021
36	Production and Popularization of quality planting material of improved cultivars of Pecan nut to enhance the nut crop status in Pir Panjar range of Jammu division.	Dr . Muzaffar Mir, KVK, Poonch	16.65	NABARD	2021
	NABARD, RIDF Capex				
37	Strengthening of existing Fisheries Infrastructure in SKUAST Jammu	Dr.Sahar Masood 9419195303	195.1 6	NABARD, RIDF	2021
38	Construction of Ex-Situ Genebank at main campus, Chatha SKUAST Jammu	Dr.Manmohan Sharma	440.0 0	NABARD, RIDF	2021
39	Establishment of Cold Storage for seed and planting material at SKUAST Jammu campus Chatha	Dr.A.Vaid 9419151649	131.4 5	NABARD, RIDF	2021
40	Setting up of poultry production unit for augmentation of rural livelihood income through promotion of backyard poultry	Dr Asma Khan 9682176708	460.0 0	NABARD, RIDF	2021

	farming.				
41	Chain link fencing construction of road and drainage network at KVK Samba	Dr Vinod Gupta, KVK, Samba 9419139407	117.0 1	NABARD, RIDF	2021
National Food Security Mission(NFSM)					
42	Creation of seed hubs for increasing indigenous production of pulses in India	Dr.B.N.Singh (Nodal officer)	150.00	NFSM Cell	2017
SMAM (Sub-Mission on Agricultural Mechanization) Director(M&T), Ministry of Agriculture and Farmer welfare, Department of Agriculture, Cooperation and Farmer Welfare, Krishi Bhawan , New Delhi =1					
43	Promotion and Strengthening of Agricultural mechanization through Training, Testing and Demonstration.	Dr.Sushil Sharma	150.00	SMAM	Sept.,2017
Department of Atomic Energy(DAE),Board of Research in Nuclear Sciences (BRNS)					
44	Development of bacterial blight resistant mutants of locally cultivated Basmati-370 of Jammu region	Dr. Praveen Singh	33.54	BARC, Trombey, Mumbai	21 st June,2018
ICAR funded projects under NAIP, Mega Seed Project, NICRA etc. (All long Term)					
45	Seed Production in Agricultural Crops	I/c Mega Seed	10. 27	Directorate of Seed Research (ICAR)	2010
46	National Initiative on Climate Resilient Agriculture (AICRPAM-NICRA)	Dr. Mahender Singh	20.57	CRIDA (ICAR), Hyderabad	2011
47	National Initiative on Climate Resilient Agriculture, AICRPDA-NICRA-Component-II	Dr. A.P.Singh	98.90	CRIDA (ICAR), Hyderabad	2011
48	National Initiative on Climate Resilient Agriculture (AICRP-NICRA)	Dr Mahender Singh, Sr. Scientist, KVK, Kathua	9.5	CRIDA (ICAR), Hyderabad	2012
49	Climate change on lac crop performance (NICRA)	Dr. R. K. Gupta Entomology division.	4.00	IINRG (ICAR) Ranchi	2012
50	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
51	Exploring economic opportunities for farmers of Kandi villages through application of proven rainfed technologies (FFP)	Dr.Pradeep Wali, DoR	16.77	ICAR	Jan.,2017-22
52	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
53	Attracting and Retaining Youth in Agriculture (ARYA)	Dr. Amrish Vaid	30.00	ATARI, Ludhiana	2017
Indian Meteorological Department, Pune					
54	Forecasting Agricultural Output using	Dr. Mahender	11.15	IMD (MOES),	2011

	Space, Agrometerology and Land based observations (FASAL), Jammu	Singh, Assoc.Prof.		New Delhi	
ICAR, New Delhi					
55	SC Sub Plan in convey the Paddy for Jammu Province	Dr. Anuradha Saha, Sr. Scientist,	9.50	SCSP	29.5.2020
Ministry of Agriculture, Farmer's Welfare, New Delhi					
56	RKVT-RAFTAAR	Dr. Jyoti Kachroo Prof.ABM	200.33	Ministry of Agriculture, New Delhi	March,2019
57	Conservation of Lac Insect Genetic Resources	Dr. R.K. Gupta Ento.divi.	53.93	ICAR, New Delhi	June,2014
58	Outreach Programme on Zoonotic Disease	Dr. M.A. Malik	55.00	IVRI (ICAR), IzatNagar, Bareilly.	Feb.,2015
63.	Integrated Agro Advisory Services (Jammu) Chatha	Dr. Mahender Singh	17.41 (100 % funded by IMD)	IMD (Ministry of Earth Sciences), New Delhi	1995
59	Agro Advisory Services (Rajouri) 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
60	Net work project on Animal Genetic Resource (Poonchi Chicken)	Dr. Dharendra Kumar	28.00	ICAR-NBAGR, Karnal	Dec.,2017
All India Coordinated Research Project (AICRP, Main Centre's)=10					
61.	All India Co-ordinated Rice Improvement Project, Chatha	Dr. R.S. Sudan	87.07 (75:25 ICAR: State)	IIRR, (ICAR) Hyderabad	1998
62.	All India Co-ordinated Project on Wheat and Barley, Chatha	Dr. M.K. Pandey	39.90 (75:25 ICAR: State)	IWBR (ICAR) Karnal	2002
63.	All India Co-ordinated Research Project on Dryland Research	Dr. A P Singh	127.47 (75:25 ICAR: State)	ACRIPDA, (ICAR) Hyderabad	1972
64.	All India Coordinated Research Project on Integrated Farming System, Chatha	Dr. Anil Kumar, CS	159.92 (75:25 ICAR:State)	PDFSR (ICAR), Modipurram	1982
65.	All India Co-ordinated Research Project on Water Management, Chatha	Dr. A.K. Sharma	109.49 (75:25 ICAR:State)	DWM (ICAR) Bhuneswar	1984
66.	All India Co-ordinated Research Project on Chickpea, PRSS, Samba.	Dr. Sanjeev Kumar	56.20 (100 % ICAR)	IIPR (ICAR) Kanpur	1995

67.	All India Co-ordinated Research Project on Agrometeorology, Chatha	Dr. Mahender Singh	144.71 (75:25 ICAR:State)	DRMR ,(ICAR) Bharatpur	2009
68.	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
69.	All India Co-ordinated Research Project on Weed Management	Dr. B.R. Bazaya	122.05 (75:25 ICAR:State)	DWSR (ICAR) Jabalpur	2015
70.	All India Co-ordinated Research Project on Honeybee and Pollinators	Dr. Devender Sharma	31.30 (75:25 (ICAR: State	IARI (ICAR) New Delhi	2015
All India Coordinated Research Project (AICRP, Voluntary Centre's) (Long Term)=13					
71.	All India Co-ordinated Research Project on Vegetables	Dr R. K. Samnotra	1.0	IIVR, Varanasi	2005
72.	All India Co-ordinated Project on Wheat and Barley, Rajouri	I/C RARS, Rajouri	0.20	IWBR (ICAR),Karnal	1998
73.	All India Co-ordinated Rice Improvement Project, Rajouri	I/C RARS, Rajouri	0.20	IIRR, (ICAR) Hyderabad	2005
74.	All India Co-ordinated Research Project on Linseed	Dr Uma Shankar	0.39	CSAUST, Kanpur. AICRP Linseed	2009
75.	Coordinating Centre under AICRP on Agroforestry	Head, Div. of Agroforestry	1.00	ICAR, CARI, Jhansi	2015
76.	All India Co-ordinated Maize Improvement Project, Maize	I/C RARS, Rajouri	0.60	IIMR (ICAR) New Delhi	2005
77.	All India Co-ordinated Maize Improvement Project, Maize	Dr Praveen Singh		IIMR (ICAR) New Delhi	2012
78.	All India Co-ordinated Project on Wheat and Barley.	Dr.M.K. Pandey	0.12	IWBR(ICAR) Karnal	2009
79.	All India Coordinated Research Project on Nematodes	Dr.Rajan Salalia	0.50	IARI, New Delhi	2016
80.	All India Co-ordinated Research Project on Mushroom, Chatha	Dr. Sachin Gupta	1.30	Directorate of Mushroom, Solan, H.P.	2015
81.	All India Coordinated Project on Pigeonpea (Agronomy)	Dr.Parmendra Singh, ACRA	0.60	IIPR (ICAR) Kanpur	Sept.,2018
82.	AICRP on Biological Control	Dr.Reena, ACRA Dhiansar	-	ICAR-NBAIR, Bengaluru	Jan.,2019
83.	All India Coordinated Project on Pearl millet	Dr.Vikas Gupta, ACRA, Dhiansar	-	Jodhpur	2020
Horticulture Mission for North East Himalayas (HMNEH) (MIDH)					

84.	Centre of Excellence for Horticulture (MIDH)	Dr.Vikas Tondan	784.04	HMNEH (MIDH)	2015
Centre Sponsored Scheme					
85	Bomboo mission	Dr L M Gupta	47.5	Director Agriculture Jammu	2021
86	NePGA	DR Manish Sharma		JK Govt-CSS	2018 Sanctioned but no funds
87.	Development ,Testing and Demonstration of farm machinery and equipment suitable for Jammu region of J&K state	Dr. Shushil Sharma Head of Enginnering Jammu	61.00	Deptt. of Agriculture Jammu CSS (SMAM)	27-7-2021 Sanctioned
88.	Establishment of Seed Testing Lab.	Dr A.Vaid	185.00	Deptt. of Agriculture Jammu CSS (SPMP)	27-7-2021 Sanctioned
89.	Evaluation of NIMITz in Seed Potato Crop	Dr Brajewar Singh	9.08	NIMITz	5-10-2021 Sanctioned
90.	ICRISAT, Hyderabad International chickpea of <i>Ascochyta</i> blight Nursery	Dr. S. K. Singh	0.30	ICRISAT, Hyderabad, India	Nov.,2017
91	Exploring the Himalayan plants with immunomodulant and galactagogue properties in connection to animal health to optimize cattle productivity	Dr. Neelesh Sharma	112.00	DBT	24-3-2022 Sanctioned
92	Socio – economic upliftment of poor farmers through animal husbandry using scientific interventions in jammu province	Dr. N.P Pankaj	87.15	DBT	25-3-2022 Sanctioned
93	Exploration of underutilized Amranthus species for sustainable livelihood , nutritional security and climate Resilience of North Western Himalayan region.	BC Sharma	80.00	DBT	25-3-2022 Sanctioned
94	Strengthening / Modernization of University agriculture farm Chatha	Director Research	811.00	DBT	20-4-2022 Sanctioned
95	National Commission for women	Dr. Pranav kumar	20.52	National Commission for Women, GoI, New Delhi	11-4-2022 Sanctioned
	Total =95				

