

**List of On-going Externally Funded Adhoc Research Projects: 2022-23**

S.No.	Title	Name of the P.I. along with contact No.	Amounts (Lakhs)	Funding Agency	Date of Start/ Completion
	<b>Faculty of Agriculture:</b>				
1.	Identification & characterization of phytosulfo kine receptor family of rice vis-à-vis Arabidopsis & elucidating its role in abiotic stress tolerance.	Dr. R.K. Salgotra Professor, SBT	60.00	<b>Department of Bio-Technology (DBT), New Delhi</b>	Jan., 2019- September 2023
2.	Germplasm characterization and trait discovery in wheat using Genomics approaches and its integration for improving climate resilience, productivity and nutrition quality	Dr Ravinder Singh, Assoc.Prof.SBT	50.43	DBT	2020-
3.	Exploration of underutilized Amaranthus species for sustainable livelihood, nutritional security and climate Resilience of North Western Himalayan region.	Dr.B.C. Sharma	80.00	DBT	25-3-2022
4.	Development of microbial consortium for alleviating biotic stresses and growth promotion in agriculture and horticulture crops of North Himalayan region	Dr. Vishal Gupta, (SKUAST, Kashmir)	80.82	DBT	2023
5.	Upscaling the Use Potential of Native Agriculturally Beneficial Microbes through Demonstrations and Capacity Building in Himalayas.	Dr. Vikas Sharma, (SKUAST, Jammu)	100.08	DBT	2022
6.	Technological Interventions and Capacity Building to Promote Entrepreneurship and Enhance Income in Agricultural Sector in Outer Himalayas of Jammu region of Jammu and Kashmir	Dr. Vivak Manohar Arya	125.00	DBT	2022
7.	Preparation, characterization and evaluation of efficacy of Nano-fertilizer, Inter-Institutional Angaru, Tirupati, A.P.	Dr.Vikas Abrol	133.00	<b>DST, New Delhi</b>	March, 2019
8.	North Indian Centre for water technology Research in Agriculture. Inter-Institutional PAU, Punjab	Dr.Vikas Abrol	55.4	DST, New Delhi	1 <sup>st</sup> April, 2019
9.	Modeling the effects of land use change on soil organic carbon dynamics using geospatial technology	Dr Vikas Sharma	5.50	DST, SERB	08.6.2020
10.	Collection & DNA profiling of nutritionally important underutilized vegetables of North western Himalayas	Dr Sanjeev Kumar Div.Vegetable Sci.	47.50	DST	18.1.2022
11	Induced mutagenesis for cold tolerance of chickpea	Dr Sanjiv Kumar, Prof, PBG,	31.06	<b>Deptt. of Atomic energy (DAE) GoI</b>	02.12.2022-01.12.2025 (3 years)

12	Centre of Excellence for Horticulture (MIDH)	Dr. Vikas Tondan ACHR, Udheywalla	784.04	HMNEH (MIDH)	2015
13	International chickpea of <i>Ascochyta</i> blight Nursery	Dr. S. K. Singh	0.30	ICRISAT, Hyderabad, India	Nov., 2017
14	Functional and Genetics Modulation of Glutamate Cysteine Ligase (GCL) in Drug Induced renal Damage Using In Vitro and in vivo toxicity models	Dr. Pawan Kumar Verma	15.89	ICMR, New Delhi	29.12.2021
15	Evaluation of NIF India identified high yielding Farmers' varieties of different crops in Jammu	Dr. Ramphool Puniya	14.99	NIF	9.9.2020- 8.9.2022
16.	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	<b>NABARD R.&amp;D.</b>	18 <sup>th</sup> Dec., 2018
17.	Economic analysis of marketing of vegetables	Dr. Anil Bhat	3.0	NABARD	Feb. 2020
18.	Empowerment of Rural Youth - Pig Farming in Kathua District	Dr. Vijay Kumar, KVK, Kathua	3.56	NABARD	Mar, 2020
19.	Promotion of Kala Zeera in Paddaer Valey of Kistwar district.	Dr. Sushil Gupta Prof. Agroforestry	10.50	NABARD	2021
20.	Mobilization of farmers through development of bee village for collective marketing of organic honey.	Dr. Devinder Sharma, Asstt. Professor, Ento.	9.30	NABARD	2021
21	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
22.	Construction of Ex-Situ Genebank at main campus, Chatha SKUAST Jammu	Dr. Manmohan Sharma	440.00	<b>NABARD, Capex</b>	2021
23.	Establishment of Cold Storage for seed and planting material at SKUAST Jammu campus Chatha	Dr. A. Vaid	131.45	NABARD, Capex	2021
24	Chain link fencing construction of road and drainage network at KVK Samba	Dr. Vinod Gupta, KVK, Samba	117.01	NABARD, Capex	2021
25	Strengthening/ Modernization of University agriculture farm Chatha.	Director Research, Dr. RK Srivastava, Prof. Engg.	811.00	<b>NABARD RIDF</b>	20-4-2022
26	Farm Machinery	Director Research	125.00	<b>NABARD Capex</b>	2022
27	Quality Control & Pesticide Testing Laboratories	Dr. R.K. Gupta	667.90	NABARD RIDF	3.11.2022
28.	Establishment of laboratory cum Guava training centre at SKUAST- Jammu	Dr. Reena, ACRA	307.67	<b>NABARD RIDF</b>	16.02.2023
29	Establishment of Research and development Centre of Basmati Rice at SKUAST-Jammu	Dr. R.K. Salgotra SBT	1106.05	NABARD RIDF	16.02.2023

30.	Walnut Processing and packaging Centre at Doda	Dr. Anju Bhat PHT	372.90	NABARD RIDF	16.02.2023
31.	Establishment of pasteurization plant for Mushroom cultivation at SKUAST-Jammu	Dr. Sachin Gupta Plant Pathology	245.76	NABARD RIDF	16.02.2023
32.	Strengthening of Bio-Control Laboratory at SKUAST-Jammu	Dr. Vishal Gupta Plant Pathology	306.00	NABARD RIDF	16.02.2023
33	Creation of seed hubs for increasing indigenous production of pulses in India	Dr.B.N.Singh (Nodal officer)	150.00	National Food Security Mission NFSM,ICAR	2017
34	Promotion and Strengthening of Agricultural mechanization through Training, Testing and Demonstration.	Dr.Sushil Sharma	150.00	SMAM (Sub-Mission on Agricultural Mechanization) Director (M&T), Ministry of Agriculture and Farmer welfare	Sept.,2017-Mar,2023
35	Strengthening Institutional Capacities for Delivering competent Skilled professionals	Dr. B.C. Sharma	633.18	<b>NAHEP</b>	16.8.2021
36	Seed Production in Agricultural Crops	Dr. Amrish Vaid, I/c Mega Seed	10. 27		2010
37	National Initiative on Climate Resilient Agriculture (AICRPAM-NICRA)	Dr. Mahender Singh	20.57	ICAR funded projects under NAIP, Mega Seed Project, NICRA etc. (All long Term)	2011
38	National Initiative on Climate Resilient Agriculture, AICRPDA-NICRA-Component-II	Dr. A.P.Singh	98.90	CRIDA (ICAR), Hyderabad	2011
39	National Initiative on Climate Resilient Agriculture (AICRP-NICRA)	Dr Mahender Singh, Sr. Scientist,	9.5	CRIDA (ICAR), Hyderabad	2012
40	Climate change on lac crop performance (NICRA)	Dr. R. K. Gupta Entomology division.	4.00	IINRG (ICAR) Ranchi	2012
41	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
42	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
43	Attracting and Retaining Youth in Agriculture (ARYA)	KVK, Kathua	30.00	ATARI, Ludhiana	2017

44	Forecasting Agricultural Output using Space, Agrometeorology and Land based observations (FASAL), Jammu	Dr. Mahender Singh, Assoc.Prof.	11.15	Indian Meteorological Department, Pune (IMD) (MOES), New Delhi	2011
45	Upliftment of Schedule Caste Paddy farmers in Jammu. SC sub plan	Dr. Anuradha Saha, Sr. Scientist,	6.60	<b>Indian Institute of Rice Research , Hyderabad</b>	29.5.2022-23 One year
46	RKVT-RAFTAAR	Dr. Jyoti Kachroo Prof.& Head, AEABM	200.33	Ministry of Agriculture, New Delhi	March,2019
47	Conservation of Lac Insect Genetic Resources	Dr. R.K. Gupta Ento.divi.	53.93	ICAR, New Delhi	June,2014
48	Outreach Programme on Zoonotic Disease	Dr. M.A. Malik Prof.	55.00	IVRI (ICAR), IzatNagar, Bareilly.	Feb.,2015
49	Integrated Agro Advisory Services (Jammu) Chatha	Dr. Mahender Singh,Prof.	17.41 (100 % funded by IMD)	IMD (Ministry of Earth Sciences), New Delhi	1995
50	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
51	All India Co-ordinated Rice Improvement Project, Chatha	Dr. Anuradha Saha, CS	87.07 (75:25 ICAR: State)	<b>AICRP (Main Centre's) IIRR, (ICAR) Hyderabad</b>	1998
52	All India Co-ordinated Project on Wheat and Barley, Chatha	Dr. M.K. Pandey, CS	39.90 (75:25 ICAR: State)	IIWBR (ICAR) Karnal	2002
53	All India Co-ordinated Research Project on Dryland Research	Dr. A P Singh, CS	127.47 (75:25 ICAR: State)	ACRIPDA, (ICAR) Hyderabad	1972
54	All India Coordinated Research Project on Integrated Farming System, Chatha	Dr. Anil Kumar, CS,IFS	159.92 (75:25 ICAR: State)	PDFSR (ICAR), Modipurram	1982
55	All India Co-ordinated Research Project on Water Management, Chatha	Dr. A.K. Sharma, CS	109.49 (75:25 ICAR: State)	DWM (ICAR) Bhuneswar	1984
56	All India Co-ordinated Research Project on Chickpea, PRSS, Samba.	Dr. Sanjeev Kumar, CS	56.20 (100 %	IIPR (ICAR) Kanpur	1995

			ICAR)		
57	All India Co-ordinated Research Project on Agrometeorology, Chatha	Dr. Mahender Singh, CS	144.71 (75:25 ICAR:State)	DRMR ,(ICAR) Bharatpur	2009
58	All India Co-ordinated Research Project on Rapeseed and Mustard, Chatha	Dr. S.K. Rai, CS	98.28 (75:25 (ICAR: State)	CRIDA (ICAR), Hyderabad	1998
59.	All India Co-ordinated Research Project on Weed Management	Dr. B.R. Bazaya CS	122.05 (75:25 ICAR:State)	DWSR (ICAR) Jabalpur	2015
60	All India Co-ordinated Research Project on Honeybee and Pollinators	Dr. Devender Sharma, Assoc.Prof.	31.30 (75:25 (ICAR: State)	IARI (ICAR) New Delhi	2015
61.	All India Co-ordinated Research Project on Vegetables	Dr Anil Bhushan, Prof.VSF	1.0	<b>AICRP, (Voluntary Centre, Long Term)</b> IIVR, Varanasi	2005
62.	All India Co-ordinated Project on Wheat and Barley, Rajouri	I/C RARS, Rajouri	0.20	IWBR (ICAR),Karnal	1998
63.	All India Co-ordinated Rice Improvement Project, Rajouri	I/C RARS, Rajouri	0.20	IIRR, (ICAR) Hyderabad	2005
64.	All India Co-ordinated Research Project on Linseed	Dr Uma Shankar	0.39	CSAUAST, Kanpur. AICRP Linseed	2009
65.	Coordinating Centre under AICRP on Agroforestry	Head, Div. of Agroforestry	1.00	ICAR, CARI, Jhansi	2015
66.	All India Co-ordinated Maize Improvement Project, Maize	I/C RARS, Rajouri	0.60	IIMR (ICAR) New Delhi	2005
67.	All India Co-ordinated Maize Improvement Project, Maize, Poonch	Dr Praveen Singh MBRSS,Poonch	-	IIMR (ICAR) New Delhi	2012
68.	All India Co-ordinated Project on Wheat and Barley. Chatha	Dr.M.K. Pandey	0.12	IWBR(ICAR) Karnal	2009
69.	All India Coordinated Research Project on Nematodes	Dr.Rajan Salalia	0.50	IARI, New Delhi	2016
70.	All India Co-ordinated Research Project on Mushroom, Chatha	Dr. Sachin Gupta	1.30	Directorate of Mushroom, Solan, H.P.	2015
71.	All India Coordinated Project on Pigeonpea (Agronomy)	Dr.Parmendra Singh, ACRA	0.60	IIPR (ICAR) Kanpur	Sept.,2018
72.	AICRP on Biological Control	Dr.Reena, ACRA Dhiansar	-	ICAR-NBAIR, Bengaluru	Jan.,2019
73.	All India Coordinated Project on Pearl millet	Dr.Vikas Gupta, ACRA, Dhiansar	-	Jodhpur	2020

74.	Evaluation of microbial formulations against major pest of Okra	Dr. Vishal Gupta	15.75	IPL Biological Gurugram	13.6.2022
75.	Bio- efficacy evaluation of botanical leads against lepidopteran and sucking pest of Brinjal under field conditions	Dr. R.K Gupta	2.97	National Innovation Foundation	13.6.2022
76.	Centre of Excellence (Vegetable)	Dr.Sanjiv Kumar, Assoc.Prof. VSF	6.00	Deptt.of Agriculture, Jammu	<b>2016</b>
77.	Maintaining ecosystem services in fragile forests of Northwest Himalayas conservation and restoration of insect biodiversity for livelihood security for livelihood security- reg.	Dr. Kamlesh Bali	30.99	DBT	14.2.2023
			<b>8786.54</b>		
	<b>Faculty of Basic Science</b>				
78.	All India Survey on Higher Education (AISHE)	Dr. S.E.H. Rizvi	-	Ministry of Human Resource Development (MHRD)	2011
79.	Training and Demonstration on vegetable and fodder production through hydroponics system in Jammu region of J&K	Dr Gurdev Chand, Plant Physiology	13.39	NABARD	Mar,2020
80.	Transfer of Technology for management of Alternate bearing through Hormonal Intervention in Mango varieties of Jammu region	Dr.B.K. Sinha Division of Plant Physiology	10.54	NABARD	Mar,2020
81.	Evaluation of NIMITz in Seed Potato Crop	DrBrajewar Singh,Assoc. Prof. FBS	9.08	NIMITz	5-10-2021
82.	Evaluation of our new nematicide MIMITZ 480 EC (Fluensulfone 480 EC) against Root Knot nematodes ( <i>Meloidogyne</i> spp) on Capsicum under open field Drench	Dr. Brajeshwar Singh ,Divi. Microbiology, FBC	9.08	NIMITZ	5.10. 2021
			<b>42.09</b>		
	<b>Faculty of Veterinary Sciences, RS Pura, Jammu</b>				
83.	Exploring the Himalayan plants with immune modulant and galactagogue properties in connection to animal health to optimize cattle productivity	Dr. Neelesh Sharma	112.00	DBT	24-3-2022
84.	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
85.	Studies on the seed production and grow out culture of endangered Golden mahseer Tor putitora in sub-tropical areas of Jammu and Kashmir	Dr. Raj Kumar, SKUAST, Jammu)	64.97	DBT	2022
86.	Ornamental fish breeding and culture for livelihood development in the Jammu region	Dr. Prem Kumar,	52.54	DBT	2022

87	Efficacy evaluation of indigenous practices for galactose .	Dr.R.K.Bhardwaj	3.24	DST, National Innovation, New Delhi	April,2019 PCR awaited
88	Parasitic Disease Management in Migratory Flock & Dairy Animals	Dr. Rajesh Katoch	10.62	NABARD	Mar,2020
89	Strengthening of existing Fisheries Infrastructure in SKUAST Jammu	Dr.Sahar Masood Prof.Fisheries	195.16	NABARD, Capex	2021
90	Setting up of poultry production unit for augmentation of rural livelihood income through promotion of backyard poultry farming.	Dr Asma Khan	460.00	NABARD, Capex	2021
91	Establishment of Sustainable Aquaculture Innovation Centre (SAIC) at SKUAST-Jammu	Dr. Akhil Gupta, Fisheries	575.00	NABARD RIDF	16.02.2023
92	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
93	National Commission for women	Dr.Pranav Kumar	20.52	National Commission for Women, GoI, New Delhi	11-4-2022
94	Socio economic empowerment and capacity building of rural SC/St Communities through technological intervention in Fish Farming.	DR Akhil Gupta Prof. Fisheries	51.76	DST	4.12.2020 3.12.2023 3 years.
95	Augmenting livelihood opportunities for Schedule cast community of Bishnah block of Jammu distt. through Agro technological intervention.	Dr Punit Choudhary, KVK, jammu	290.00	Agroculture Education division,ICAR New Delhi	2020
96	Promotion of organic sources of nutrition for improving soil health of agricultural production systems in the foot hill shivaliks of Jammu.	Dr Sweta Manhas Bali (Mentor Dr Vikas Sharma)	21.58	DST (Wise Kiran division)	21.9.2021 20.9.2024 3 years
97	Development of Nanoporous photonic chip Naked eye detection of pesticide traves	Dr.Harsimran Singh, SBT	2.00	<b>DST, J&amp;K State Science Technology &amp; Innovation Council</b>	20.02.2023
98	Smart Technologies for small scale fish farming community.	Dr. Akhil Gupta	2.00	DST, J&k State Science Technology & Innovation Council	20.02.2023
99	Establishment and popularization of densified functional feed block technology to develop entrepreneurs and small scale	Dr. Anand kumar Pathak	1.60	DST,J&k State Science Technology &	20.02.2023

	self sustainable business for unemployed youth at panchayat level of District Jammu			Innovation Council	
100	Technology for reducing the gas yield gaps in rice for jammu region	Dr Anuradha Sahs	1.00	DST,J&k State Science Technology & Innovation	27.02.2023
101	Exhibiting technology on Densified Complete Feed Block technology.	Dr R.K. Sharma Div. Animal Nutrition,FVSc.	0.25	DST,J&k State Science Technology & Innovation	27.02.2023
102	UP scalling of leaf colour chart (LCC) usage for real time nitrogen management for enhancing farmer profit in Jammu & Samba distt of J&K.	Dr Vival M. Arya	1.75	DST,J&k State Science Technology & Innovation	27.02.2023
			<b>2199.84</b>		
	<b>Grant Total Amount (A+B+C)</b>		<b>110,31.47</b>		

FoA= 77 projects : Rs. 8786.54 lakhs

FBS= 05 projects: Rs. 42.09 lakhs

FVSc = 20 projects: Rs.2199.84 lakhs