

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

S.No.	Title	Name of the P.I. along with contact No.	Amounts (Lakh)	Funding Agency	Date of Start/ Completion
<b>Department of Bio-Technology (DBT)</b>					
1.	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 <b>PCR awaited</b>
2.	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 <b>PCR awaited</b>
3.	Identification & characterization of phytoalkaline kinase receptor family of rice vis-à-vis Arabidopsis & elucidating its role in abiotic stress tolerance.	Dr. R.K. Salgotra Professor, SBT	60.00	DBT, New Delhi	Jan., 2019
4.	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
5.	Germplasm characterization and trait discovery in wheat using Genomics approaches and its integration for improving climate resilience, productivity and nutrition quality	Dr Ravinder Singhj	50.43	DBT	2020
6.	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
7.	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
8.	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
9.	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	2022
10.	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
11	conservation and livelihood development in the Jammu region (PI:	Dr. Prem Kumar, SKUAST,	60.25	DBT	2022

		Jammu)			
12	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
13	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
<b>Department of Science and Technology</b>					
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 Continue
15.	Identification of Molecular characterization of honeybee diseases in J&K.	Dr. Devender Sharma	31.16	DST, New Delhi	August,2018 <b>PCR awaited</b>
16.	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
17.	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 <b>PCR awaited</b>
18.	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
19.	Prospecting prebiotic potential of Rumen Liquor	Dr.Ankur Rastogi	44.2	Core Research Grant, SERB,DST	April,2019 2022 <b>PCR awaited</b>
20.	Efficacy evaluation of indigenous practices for galactose .	Dr.R.K.Bhardwaj	3.24	National Innovation, DST, New Delhi	April,2019 <b>PCR awaited</b>
21.	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
22.	Collection & DNA profiling of nutritionally important underutilized vegetables of North western Himalayas	Dr Sanjeev Kumar	47.50	DBT	18.1.2022
23.	International chickpea of <i>Ascochyta</i> blight Nursery	Dr. S. K. Singh	0.30	ICRISAT, Hyderabad, India	Nov.,2017
<b>ICMR, New Delhi</b>					
24.	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				
<b>Ministry of Human Resource Development (MHRD)</b>					
25	All India Survey on Higher Education (AISHE)	Dr. S.E.H. Rizvi	-	MHRD	2011
	<b>NIF</b>				
26	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 <b>PCR awaited</b>
27	Centre of Excellence for Horticulture (MIDH)	Dr.Vikas Tondan	784.04	HMNEH (MIDH)	2015
<b>National Bank For Agriculture and Rural Development (NABARD) R.&amp;D.</b>					
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 <sup>th</sup> Dec.,2018 <b>PCR awaited</b>
29	Economic analysis of marketing of vegetables	Dr. Anil Bhat	3.0	NABARD	Feb.2020 <b>PCR awaited</b>
30.	Empowerment of Rural Youth - Pig Farming in Kathua District	Dr Vijay Kumar, KVK, Kathua	3.56	NABARD	Mar,2020 <b>PCR awaited</b>
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	13.39	NABARD	Mar,2020
33	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
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.	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
	<b>NABARD, Capex</b>				
37	Strengthening of existing Fisheries Infrastructure in SKUAST Jammu	Dr.Sahar Masood	195.16	NABARD, RIDF	2021
38	Construction of Ex-Situ Genebank at main campus, Chatha SKUAST Jammu	Dr.Manmohan Sharma	440.00	NABARD, RIDF	2021
39	Establishment of Cold Storage for seed and planting material at SKUAST Jammu campus Chatha	Dr.A.Vaid	131.45	NABARD, RIDF	2021
40	Setting up of poultry production unit for augmentation of rural livelihood income	Dr Asma Khan	460.00	NABARD, RIDF	2021

	through promotion of backyard poultry farming.				
41	Chain link fencing construction of road and drainage network at KVK Samba	Dr Vinod Gupta, KVK, Samba	117.01	NABARD, RIDF	2021
<b>National Food Security Mission(NFSM)</b>					
42	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.</b>					
43	Promotion and Strengthening of Agricultural mechanization through Training, Testing and Demonstration.	Dr.Sushil Sharma	150.00	SMAM	Sept.,2017
<b>NAHEP</b>					
44	Strengthening Institutional Capacities for Delivering competent Skilled professionals	Dr. B.C. Sharma	633.18	IDP	16.8.2021
<b>ICAR funded projects under NAIP, Mega Seed Project, NICRA etc. (All long Term)</b>					
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,	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
<b>Indian Meteorological Department, Pune</b>					
54	Forecasting Agricultural Output using Space, Agrometeorology and Land	Dr. Mahender Singh,	11.15	IMD (MOES), New Delhi	2011

	based observations (FASAL), Jammu	Assoc.Prof.			
<b>ICAR, New Delhi</b>					
55	SC Sub Plan in convey the Paddy for Jammu Province	Dr. Anuradha Saha, Sr. Scientist,	9.50	SCSP	29.5.2020
<b>Ministry of Agriculture, Farmer's Welfare, New Delhi</b>					
56	RKVT-RAFTAAR	Dr. Jyoti Kachroo Prof.& Head, AEABM	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
59.	Integrated Agro Advisory Services (Jammu) Chatha	Dr. Mahender Singh	17.41 (100 % funded by IMD)	IMD (Ministry of Earth Sciences), New Delhi	1995
60	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
<b>All India Coordinated Research Project (AICRP, Main Centre's)</b>					
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,IFS	159.92 (75:25 ICAR:State )	PDFSR (ICAR), Modipuram	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

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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
<b>All India Coordinated Research Projects (AICRP, Voluntary Centre's ) (Long Term)</b>					
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	IIWBR (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	CSAUAST, 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	IIWBR(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, Solani, 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
84.	Evaluation of NIMITz in Seed Potato Crop	Dr Brajewar Singh	9.08	NIMITz	5-10-2021
85.	Strengthening/ Modernization of University agriculture farm Chatha.	Dr.Pradeep Wali, Director Research	811.00	NABARD RIDF	20-4-2022

86.	National Commission for women	Dr. Pranav kumar	20.52	National Commission for Women, GoI, New Delhi	11-4-2022
87	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
88	Evaluation of microbial formulations against major pest of Okra	Dr. Vishal Gupta	15.75	IPL Biological Gurugram	13.6.2022
89	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
90	Quality Control & Pesticide Testing Laboratories	Dr. R.K Gupta	667.90	NABARD RIDF	3.11.2022
	<b>Total Amount</b>		<b>7856.43</b>		