

Operational Projects - 2021:-

Externally Funded Projects Operational in SKUAST-K (2021-22) Scheme-wise

S. No	Name of the Project	Principal Investigator	Year of start/ Duration	Total Budget/ (in lakhs)
1. Projects sponsored by Government of J&K				
A. Rashtiya Krishi Vigyan Kendra RKVY				
1.	Enhancing Livelihood Security of Farmers Through Introduction & Popularization of Kalazeera (<i>Bunium Persicum</i> Boiss. Fedts) – A Novel Spice	Dr. Asif Mohammad Iqbal Qureshi, Asstt. Prof. SRS, Pampore	2021-22	5.00
2.	Improving Livelihood Security of Resource Poor Maize Farmers by Babycorn Intervention in Kashmir (<i>Zea mays</i> L.)	Dr. Sabina Naseer, Asstt. Prof. DARS, Budgam	2021-22	5.00
3.	Seed Replacement of Brown Sarson (<i>Brassica rapa</i> Var. Brown Sarson) Varieties Through Novel Seed Hub Creation for Doubling Farmer's Income and Enhanced Social Security in Kashmir.	Dr. Shabir Hussain Wani, Asstt. Prof. MRCFC, Khudwani	2021-22	5.00
B. National Bank for Agriculture and Rural Development (NABARD)				
4.	Performance of earth tube heat exchanger and ground air collector for space heating under cold arid conditions of Ladakh	Dr. Deldan Namgyal Asstt. Professor HMAARI, Leh	2017-18/ Yearly	11.06
5.	Dissemination of Vermi Compost technology in Ladakh region	Dr. Jigmet Yangchan Asstt. Professor HMAARI, Leh	2017-18/ Yearly	9.00
6.	Creation of Seed Hub in Maize by Strengthening of local seed systems for enhancing farmers income	Dr. Z A Dar, Prof. DARS, Budgam	2018-19 2 years	7.00

7.	Popularization of Improved Saffron Technologies developed by SKUAST-Kashmir for doubling the farmers income	Dr. Mudasir Hafiz Khan, Asstt. Professor (GPB), SRS,	2018-19 2 years	7.56
8.	Production of quality planting material of high expert grafted walnut plants under low cost controlled conditions for sustainable horticulture sector in Distt Kupwara	Dr. Imtiyaz Lone, Prof. Fruit Science C/o KVK Kupwara	2018-19 2 years	10.08
9.	Mass multiplication of clonal rootstocks for large scale distribution among orchardists for the development of high density apple orchardists	Dr. Ishtiyaz Ahmad Khan, KVK, Anantnag	2018-19 2 years	9.07
10.	Indoor saffron cultivation- A novel technology for vertical expansion of Saffron	Dr. Niyaz Ahmad Dar, Asstt. Prof ARSSSS,	2021-22 02 year	6.84
11.	<i>Technological interventions fisher producer organization: A step to enhance fishers livelihood in Kashmir Himalayas</i>	Dr. Rizwana Malik, Assistant Professor, Faculty of Fisheries,	2021-22 02 year	8.45
C. Jhelum Tawi Flood Recovery J&K				
12.	Survey, collection and multiplication of superior cricket bat willow (<i>Salix alba</i> var. <i>caerulea</i>) Germplasm for livelihood security of farmers and economic sustainability of cricket bat industry of Kashmir	Dr. T H Masoodi, Dean Faculty of Forestry	2020-21 2 years	38.23
D. Department of Science & Technology, G of J & K				
13.	Attitude of college students towards online mode of learning in Kashmir	Dr. Imran Khan, Assoc. Prof. Div. of Agri. Statistics,	2021-22 06 months	1.90
14.	Increasing fish consumption and fish marketing potential in J & K through consumer behavior analysis awareness and technological interventions	Dr. Faisal Rashid, Asstt.Prof., Faculty of Fisheries	2021-22 01 year	2.00
15.	Threat categorization and conservation prioritization of forest floristic diversity in Sindh Forest Division of Kashmir	Dr. Asif Ali Gattoo Asstt. Prof. Faculty of Forestry	2021-22 01 years	2.00

	Himallayas			
16.	Circadian bias in immune responses: immune endocrine interplay in cattle	Dr. Zahoor Ahmad, Pampori, Professor, Div. of Vety Physiology, FVSc. & AH, Shuhama	2021-22 2 years	9.64
17.	Effect of dandelion/ haandh (taraxacum officinate) supplementation during puerperium period on reproductive performance and milk yield in crossbred dairy cattle	Dr. Dilruba Hasin, Assoc. Prof. Div. of Vety Physiology, FVSc. & AH, Shuhama	2021-22 2 years	7.70
18.	Development of diagnostic and therapeutic protocols for advanced pregnancy related recumbancy in cows of North Kashmir	Dr. Shahzada Mudasir Rashid, Asstt. Prof. Div. of Vety Biochemistry, FVSc. & AH, Shuhama	2021-22 2 years	7.31
19.	Deciphering herbal galactogogues an innovative technology to increase milk production in dairy cattle in temperate Kashmir	Dr. Ovais Aarif, Asstt. Prof. Div. of Vety Physiology, FVSc. & AH, Shuhama	2021-22 2 years	8.15
20.	Harnessing rajmash (phaseolus vulgaris l) landrace diversity of Kashmir for climate resilience	Dr. Parvaze Ahmad Sofi, Assoc. Prof. Div. of GPB, FoA, Wadura	2021-22 2 years	8.27
21.	Ethno-veterinary survey and evaluation of unexplored herbal remedies from Himalayan areas of Gurez	Dr. Showkat ul Nabi, Asstt. Prof. Div. of Vety Medicine Ethics & Jurisprudence, FVSc. & AH, Shuhama	2021-22 2 years	3.39
22.	Screening of different insects pests of mulberry and other agricultural crops for pathogenic microbes and their cross infectivity to the silkworm bombyx mori	Dr. Shabir Ahmad Bhat, Asstt. Prof. CoTs, Mirgund	2021-22 2 years	7.45
23.	Climate change impact on dynamics of various diseases of cereal and pulse	Dr. Asha Nabi, Asstt. Prof., Div. of Plant	2021-22 2 years	6.38

	crops in Kashmir valley	Pathology, FoA, Wadura		
24.	Ecological niche modeling and ex-situ conservation of rare and endangered chilgoza pine (<i>Pinus gerardiana</i> wall) in Indian Western Himalayas	Dr. A R Malik, Asstt. Prof. Div. of FP & U, FoF, Benhama	2021-22 2 years	7.95
25.	Elucidating nutraceutical properties of traditional apple cultivars of Kashmir as potential functional food	Dr. Munibur Rehman, Asstt. Prof. Div. of FST, FoH	2021-22 2 years	9.10
26.	Climate change vulnerability and socioeconomic transformation in protected forest of environmentally fragile areas of Kashmir Himalayas	Dr. Amir Farooq Bhat, Asstt. Prof. Div. of Wildlife Sciences, FoF, Benhama	2021-22 2 years	6.10
27.	Bacterial Endophytes of grapes: A new approach for bio control of diseases	Dr. Saba Bandy, Asstt. Prof. Div. of Plant Pathology, FoH, Shalimar	2021-22 2 years	7.80
28.	Morphological and molecular diversity of fruit flies from Kashmir Himalayas	Dr. Sajad A Ganai, Asstt. Prof. RTCPPPM, Shalimar	2021-22 2 years	6.80
29.	Exploring the nutraceutical potential of wild edible plants of northern Himalayas and their utilization for development of value added products	Dr. Sajad Mohd Wani, Asstt. Prof. Div. of FST, FoH, Shalimar	2021-22 2 years	6.80
30.	Development of antioxidant rich strawberry powder as value added product with potent nutraceutical properties	Dr. Imtiyaz Murtaza, Prof. Div. BS&M, FoH, Shalimar	2021-22 2 years	9.00
31.	Evaluation and bio-concentration of pesticides in Dal and Anchar Lakes of Kashmir Himalayas	Dr. Imtiyaz Qayoom, Asstt. Prof. Div. of Aquatic Env. Management FoFy	2021-22 2 years	7.80
32.	Quality evaluation of fish and fish products available in Kashmir valley	Dr. Tariq Hussain Bhat, Assoc. Prof. Div. of PHT, FoFy	2021-22 2 years	8.49

33.	Molecular identification and characterization of antimicrobial resistance genes of bacteria isolated from cases of bovine mastitis in Kashmir valley	Dr. Amatul Muhee, Assoc. Prof. Div. of Clinical Vety. Medicine, FVSc & AH	2021-22 2 years	8.80
34.	Saffron improvement for yield and quality- the heritage crops of Jammu and Kashmir	Dr. Asif M Iqbal Qureshi, Asstt. Prof. SRS, Pampore	2021-22 2 years	8.04
35.	Sericulture- option for livelihood security and employment generation in tribal areas of Kashmir	Dr. Khursheed Ahmad Dar, Asstt. Prof. CoTS	2021-22 2 years	6.60
E	Department of Wildlife Protection(CAMPA)			
36.	Genome Sequencing critically endangered Hangul for its conservation and species recovery & Additional funding sought from MOEF	Dr. Khursheed Ahmad I/C Centre for MWS,FoF	2020-21 3years	25.0
2. Projects sponsored by Government of India				
A. Indian Council for Agricultural Research (ICAR)				
a) Tribal Sub-Plan (TSP)				
37.	Technological interventions for reducing food, fodder and income security among highland tribal agro-pastoralists of Nyoma block and improve their livelihood	Dr. Maheshwar Singh PC KVK Nyoma	2014-15/ yearly	40.00
38.	Technological interventions for reducing food, fodder and income insecurity among tribal farmers of Zanskar and improve their livelihoods	Dr. Shahnawaz I/CPC KVK, Zanskar	2012-13/ yearly	107.00
39.	Technological interventions for improving food, income and livelihood security of tribal farmers of Nubra	Dr. D.Namgayal HMAARI, Leh	2014-15/ yearly	50.00
40.	Technological interventions for improving tribal farmers food, fodder, income and livelihood security among Tribal farmers of Leh Block and improve their livelihood.	Dr. D.Namgayal AD (R&E) HMAARI, Leh	2014-15/ yearly	48.00
41.	Technological interventions for improving	Dr. Faizan Ahmad	2016-17/	46.00

	food, income security and livelihoods of kargil farmers.	Scientist Incharge MARES, Kargil	yearly	
b) National Bureau of Fish Genetic Resources (NBFGR, ICAR)				
42.	National surveillance programme for aquatic animal disease	Dr. Feroz A. Shah Associate Professor, Faculty of Fisheries	2014-15/ 4 years Extend	19.00
c) National Fisheries Development Board (NFDB) GoI				
43.	Setting up of referral Laboratory for Screening of Aquatic Animal Pathogens and Quality Assurance	Dr. Feroz A Shah Assoc. Professor (Fisheries)	2019-20 05 years	884.55
d) National Initiative on Climate Resilient Agriculture (NICRA), ICAR				
44.	Climate Change Impact on erosion Processes, Carbon Sequestration and Crop Productivity under Cold Arid Agro-Ecosystems	ADR, HMAARI, Leh	2016-17/ 4 years	11.41
45.	Climate change impact on water resources availability in cold arid regions of North-western Himalayas	Dr. Junaid N. Khan Professor Coll. Of Agri. Engg.	2016-17/ 3 years	20.66
46.	Impact of season long temperature increase on quality and yield of aromatic Rice landrace(Muskibudji) under temperate climatic conditions of Kashmir J&K India	Dr. S. Sheraz Mehdi Asst Prof (Agronomy)	2018-19/ 2years	10.40
47.	Carbon foot printing based on lifecycle assessment in apple crop production under mountain agro- ecological system of Kashmir	Dr. Shabir A Bangroo Asst Prof (Soil Science)	2018-19/ 2years	9.37
48.	Design and development of protective structure for high valued crops to reduce damaged from hail and frost	Dr. Rohitashw Kumar Associate Dean, Coll. of Agri. Engg.)	2018-19	5.00
e) Indian Agriculture Research Institute (ICAR)				
49.	Mainstreaming rice landraces diversity in varietal development through genomic predictions: A model for large-scale utilization of gene bank collections of rice	Dr. Najeeb-ul-Rehman Sofi, Professor, MRCFC, Khudwani	2020-21 5 years	12.53

f) Scientist Emeritus Projects ICAR				
50.	Exploration of extremophilic cold tolerant microbes from cold desert of Ladakh & Kashmir valley for rapid decomposition of organic waste	Dr. M Y Zargar, Ex Director Research, SKUAST-K	2020-21 3 years	--
51.	Economic upliftment of marginal farmers through revival, conservation and exploration of niche specific climate resilient rice biodiversity in temperate regions of Kashmir Himalayas	Dr. G A Parray, Ex- Assoc. Director Research, MRCFC, Khudwani	2020-21 3 years	--
g) Indian Council of Social Science Research (ICSSR)				
52.	Rural economy and livelihood under climate change in Himalayan region of India: economics of adaptation measures	Dr. Sajad H. Baba, Faculty of Fisheries	--	2.50
53.	Development of remunerative organic waste management systems for colder regions of India with the intervention of psychrophilic aerobic and anaerobic microbial consortia	Dr. Zahoor Ahmad Baba, Assoc. Prof, Div. of Basic Sciences & Humanity, FoA, Wadura	2020-21 3 years	10.00
B. Department of Science & Technology, GoI (DST)				
54.	Experimental Agromet Advisory Services (GrameenKrishiMausamSeva, GKMS)	Dr. Sameera Qayoom Assoc. Prof (Agronomy)	1995-96	Funding on yearly basis
55.	Promoting cultivation of endangered Kala Zeera for enhancing livelihood of tribal farmers in temperate highlands of North India	Dr. B. A. Alie Professor I/C SRS, Pampore	2016-17/ 3 years	5.63
56.	Assessment of Anti-cold stress effects of Nano-zinc, Vitamin C and Vitamin E in Poultry birds and its implementation in field conditions in various districts of Kashmir valley	Dr. Showkeen Muzamil Asstt. Prof. Div. of Vety. Biochemistry	2018-19 3 years	9.90
57.	Ecofriendly utilization of aquatic weeds and agricultural waste for paper production in Kashmir valley	Dr. Showkat Ara Prof & Head Div of Env. Sci.	2018-19 3 years	6.2

58.	Scientific interventions in management of brown tail moth (<i>Euproctis chrysorrhoea</i>) with reference to its biology under cold arid region of Ladakh	Dr. Tahmina Mushtaq Asstt. Prof (Entomology)	2018-19 3 years	7.00
59.	Impact Assessment of climate change on agriculture in Kashmir Himalaya	Dr. F A Lone Professor Div. Env. Sci.	2018-19 3 years	26.80
60.	Bacterial endophyte community dynamics in apple cultivars: Its impact on scab prevalence in Kashmir valley	Dr. Shahid Ahmad Padder , Asstt. Professor, Basic Science	2018-19 3 years	9.90
61.	Design and development of efficient electronic saffron dryer using infrared heating	Dr. G.M.Mir, Prof. College of Agri Engineering	2019-20 2 years	5.00
62.	Household waste management for organic kitchen gardening and clean environment	Dr. Junaid Khan Professor, College of Agri. Engineering	2019-20 2 years	5.00
63.	Technological interventions for socio-economic upliftment of rural dairy farming women-An initiative for development model villages with least mastitis	Dr. Mohd Iqbal Yatoo Asstt. Prof, Div. of Vety. Clinical complex	2019-20 3 Years	9.72
64.	Cultured allogeneic mesenchymal stem cell application in selected veterinary clinical disorders vis-à-vis preclinical studies in artificially induced lab animal models	Dr. Mudasir B Gugjoo Div. of Vety Clinical Complex	2018-19	8.27
65.	Smart sensor network platform for irrigation scheduling in saffron and rice in Kashmir, India	Dr. Ejaz Ahmad Dar, SMS, KVK, Ganderbal	2020-21 3 years	14.47
66.	Techno interventions for tribal improvement through mycoplasmosis vaccination in sheep and goat	Dr. Iqbal Yatoo, Asstt. Prof. Div. of Vety Clinical FVSc. & AH Shuhama	2020-21 2 years	20.39
67.	Innovative technological interventions to address basic needs of the tribal farming people of Lasakh region	Dr. Vikas Gupta, SMS KVK Leh/Division of Veg. Science, FoH	2020-21 3 years	16.17

68.	Achieving sustainable livelihood in cold arid regions of Ladakh through skill development in tuber production of kalazeera (Benium persicum boiss.)	Dr. Mudasir Hafiz Khan, Asstt. Prof. SRS, Pampore	2020-21 3 years	34.00
69.	Technological innovation and transfer of technology for poverty alleviation via mechanized formulation of poultry feed for tribal backyard poultry farmers by sustainable use of agricultural cum food residues	Dr. Showkeen Muzamil, Asstt. Prof. Div. of Vety Biochemistry, FVSc. & AH	2020-21 2 years	16.12
70.	Promotion of enhanced sustainable livelihood opportunities through Ecotourism, Wildlife and cultural tourism for tribal youth of Kargil and Ladakh region of Jammu & Kashmir	Dr. Khursheed Ahmad Scientist & Head, Div. of Wildlife Sciences, FoF	2020-21 3 years	67.07
71.	Development of an aptamer based kit for detection of campylobacter infections in cattle and poultry”	Dr. Sabia Qureshi, Asstt. Prof. Division of Vety. Microbiology & Immunology, FVSc.		
72.	Bio efficacy evaluation of herbal preparations against scab in apple	Dr. Ali Anwar Prof Div. of Plant Pathology, FoH	2021-22 1 year	5.50
73.	Network Project “National Mission for Sustaining the Himalayan Ecosystem Agriculture (NMSHEA)	Dr. Shabir Ahmed Bangroo, Asstt. Prof. Div. of Soil Science, FoH	2021-22 5 years	74.27
74.	Network Project “National Mission for Sustaining the Himalayan Ecosystem Agriculture (NMSHEA)	Dr. Deldan Namgial, AD R&E, HMAARI, Leh	2021-22 5 years	82.02
C. Department of Biotechnology, GoI (DBT)				
75.	Bioinformatics infrastructure facility	Syed Mudasir Ahmad Assoc, Prof, Animal Biotechnology	2016-17 Yearly	12.09
76.	Genetic Dissection of Heat Tolerance in Wheat using Multiple Bi-parental RIL Mapping Populations	Dr. R. R. Mir Assoc. Professor GPB, Wadura	2017-18 03 Yearly	15.00
77.	Molecular screening, cell culture based	Dr. Feroz Ahmad	2017-18/ 3	35.33

	isolation & characterization of fin fish and shell fish viruses and establishment of national repository	Shah Associate Professor Faculty of Fisheries	years	
78.	Genome Wide Association Studies in <i>Phaseolus vulgaris</i> <i>Colletotrichum lindemuthianum</i> pathosystem	Dr. Bilal A Padder Assoc. Prof Plant Pathology	2017-18/ 3 years	15.11
79.	Dissemination and demonstration of pheromone/dispenser technology for the area wide management of codling moth in Ladakh	Dr. Barkat Hussain Assoc. Professor Division of Entomology	2018 3 years	8.33
80.	Utilization of Chia Seeds (<i>Salvia Haspancia</i> L.) for the Development of Functional Foods	Dr. Asima Rafiq, Asstt. Professor(FST)	2017-18 3 Years	11.00
81.	Standardization of pulsing and holding solution to improve the keeping quality of cut gladiolus spikes, tulip cut scapes, Asiatic hybrid lily	Dr. Zahoor Ah Bhat Assoc. Professor Div. FLA	2018-19 2 years	4.00
82.	Establishment of small scale production units of Trichoderma in different districts of Kashmir valley for the management of root rot of apple	Dr. F.A. Mohiddin Assoc. Prof. (Plant Path) MRCFC, Khudwani	2018-19 3 years	8.77
83.	Pathogenicity gene(s) discovery in collectotrichum lindemuthianum, the causal agent of bean anthracnose	Dr. Bilal A Padder Assoc.. Prof. (Plant Path)	2018-19 3 years	3.61
84.	Augmentation of Household Income through Improvement of Production Efficiency of Dairy Cattle and Fodder Production in the Rural Areas of Kashmir Valley	Dr. Pankaj Goswami* Professor, Div. Vety. Path * Operational from SKUAST-J	2018-19 3 years	11.10
85.	Demonstration and popularization of Bio-farming inputs to improve economic conditions of tribal families under Himalayan ecosystem of Jammu & Kashmir	Dr. Tahir Ahmad Sheikh, Asstt. Prof. (Agronomy) FoA, Wadura	Oct. 2018- 19 03 years	6.33
86.	Establishment of Biotech- "KISAN HUB"	Dr. A. Raouf Malik	Dec 2018-	95.00

	at SKUAST-Kashmir	Asstt. Prof. AARC C/O Dean, Horticulture	19 02 years	
87.	Socio Economic Upliftment of Sheep Breeders through technology transfer in Temperate Himalayan Region of J & K	Dr. S. Shahnaz Associate Professor Div. of AGB,	2018-19 03 years	27.32
88.	Innovative poultry horticulture integrated farming systems for optimum resource utilization and strengthening rural livelihoods	Dr. Azmat Alam Khan, Prof Div of LPM, ADR/ (AS)	2019-20 03 years	10.00
89.	Mapping of nut traits to accelerate breeding in walnut (Juglans regia L.)”	Dr. Hamidullah Itoo, Assistant Professor (Fruit Science), AARC, Pahnoo	2019-20 03 years	14.35
90.	Expansion of activities of Biotech-KISAN Hub in two aspirational districts (Baramulla and Kupwara) of Kashmir	Dr. Ab Raouf Malik, Asstt. Prof, FoH, Shalimar	2019-20 2 years	32.00
91.	Regulating reversion to virulence in live attenuated infectious bronchitis vaccine virus by enhancing its genetic stability	Dr. Nadeem Shabir, Asstt. Prof. Div. of Animal Biotechnology, FVSc & AH	--	--
92.	Conversion of the silkworm bombyx mori droppings into value added products in Jammu & Kashmir	Dr. Aabid Khaliq Tantray College of Temperate Sericulture	2020-21 3 years	15.78
93.	Development of diagnostic kit for early and rapid detection of foot and mouth disease and its evaluation in veterinary centers	Dr. Showkat-UI Nabi, Asstt. Prof. Div. of CVME&J, FVSc	2021-22 2 years	46.06
94.	Development of vaccine for mycoplasmosis in goats	Dr. Mohd Iqbal Yattoo, Asstt. Prof. Div. of Vety. Clinical Complex, FVSc. & AH	2021-22	1 st release 14.175
D. Mission for Integrated Development of Horticulture (MIDH, GoI)				
95.	Production and popularization of temperate spice crops for livelihood security	Dr. Khursheed Hussain Asstt. Professor, Vegetable Science	2014-15/ 05 years	14.50

96.	Pheromone baited technology for the management of codling moth in Ladakh	Assoc. Director (R&E), HMAARI, leh	2020-21	6.60
E. Other Funding Agencies				
1. Ministry of Earth Sciences, India Meteorological Department				
97.	Solar development of Solar power integrated micro – power project	ADR, HMAARI, Leh	2018-19/ 3 years	12.20
2. Ministry of Food Processing Industries (GOI)				
98.	Setting up quality control/ food testing laboratory	HoD, FST, FoH	2019-20 2 years	209.00
99.	Optimization of processing variables for quality improvement of ethnic meat products of Jammu & Kashmir	Dr. Sheikh Rafeh Ahmad, Asstt. Prof. Div. of LPT, FVSc. & AH, Shuhama	2020-21 3 years	--
3. Indian Council of Medical Research				
100.	Identification of Early Bio Markers of functional polycystic ovarian syndrome in rat model and their valiation in human counter parts	Dr. Showkeen Muzamil Asstt. Professor, Veterinary Biochem	2019-20 3 Years	48.00
4. Protection of Plant Varieties and Farmers Rights Authority, Ministry of Agriculture, Deptt. of Agriculture and Cooperation, New Delhi				
101.	Development of DUS testing guidelines of kalazeera	Dr. M H Khan, Asstt. Prof. SRS, Pampore	2018-19 03 years	28.61
102.	Development of descriptors for saffron (<i>Crocus sativus</i> L.) indigenous to temperate region of J&K	Dr. Asif M Iqbal, Asstt. Prof. SRS, Pampore	2017-18/ 2 years	9.00
103.	Development of descriptors for promoting DUS guidelines for knoll khol (Brassica oleracea) indigenous to Kashmir regions	Dr. Baseerat Afroza, Associate. Prof, Div. of Veg Sciences, Shalimar	2021-22 02 years	9.00
5. National Bee Board, Ministry of Agriculture, Deptt. of Agriculture and Cooperation, New Delhi				
104.	Setting up of Integrated Beekeeping Development Centre (IBDC)/Center of	Dr. M. A. Parray Incharge RTCPPPM	2016-17 4 Years	41.70

	Excellence (COE)			
105.	Awareness-cum-training programme on scientific beekeeping in district of Baramulla and Kupwara of J & K by SKUAST-K	Dr. M A Parray, Prof. RTCPPPM, Shalimar	2021-22 03 months	10.87
106.	Awareness-cum-training programme on scientific beekeeping in district Kupwara of J & K by SKUAST-K	Dr. Sajad Ahmad Ganie, Asstt. Prof. RTCPPPM, Shalimar	2021-22 03 months	10.87
107.	Setting up of honey and other beehive products testing laboratory at Pulwama District Kashmir by SKUAST-K	Dr. Sajad Ahmad Ganie, Asstt. Prof. RTCPPPM, Shalimar	2021-22 06 months	102.98
108.	Setting up of honey and other beehive products testing laboratory at Bandipora District Kashmir by SKUAST-K	Dr. Parveena Bano. Asstt. Prof, RTCPPPM	2021-22 06 months	102.98
109.	Setting up of honey and other beehive products testing laboratory at Kupwara District Kashmir by SKUAST-K	Dr. Rizwana Khursheed, Asstt. Prof. RTCPPPM, Shalimar	2021-22 06 months	102.98
110.	Potential of research studies in beekeeping under low temperature conditions of Gurez, Bandipora Kashmir	Dr. Parveena Bano. Asstt. Prof, RTCPPPM	2021-22 --	22.74
6.				
National Medicinal Plants Board, Ministry of AYUSH, New Delhi				
111.	Regional cum Facilitation Fund	Dr. Shiekh Bilal Ahmad Ex-Dean, FoA (Nodal Officer)	2017-18 5 Years	30.00
112.	Drug discovery against prostate cancer from medicinal plants endogenous to Kashmir valley through green fluorescence protein (GFP) labeling of androgen receptor	Dr. Khalid Z. Masoodi, Asstt. Prof. Div of Plant Biotechnology,	2018-19 2 Years	3.00
113.	Chemical profiling of essential oils obtained from aromatic crops growing in Kashmir	Dr. S. A. Gangoo Professor Faculty of Forestry	2018-19 2 Years	3.00

114.	Conservation of Medicinal Plants and Promotion of Indigenous Knowledge through Local Health Traditions among Rural Communities in Ladakh.	ADR, HMAARI, Leh	2018-19 3 Years	7.20
7. Science & Engineering Research Board (SERB)				
115.	Technological interventions for prophylactic and therapeutic management of contagious caprinepleuropneumonia (CCPP) in pashmina goats”	Dr. M. Iqbal Yattoo Asstt. Professor Vet. Clinical Comp.	2017-18/ 3 years	12.00
116.	Study on waterfowl ecology, migratory patterns and disease monitoring in the wetlands of Kashmir valley	Dr. Khursheed Ahmad I/C Centre for MWS,FoF	2016-17 4 Years	14.40
117.	Generation of a genetically stable live vaccine candidate against Infectious Bursal Disease Virus (IBDV) through mutagen driven lethal mutagenesis	Dr. Nadeem Shabir Asstt. Professor Animal Biotechnology	2017-18/ 3 Years	15.80
118.	Transcriptome profiling of local Kashmiri vs commercial poultry for disease resistance against Salmonellosis	Dr. Syed Mudasir Andrabi Assoc. Prof Div of Animal Biotech	2018-19 3 years	20.60
119.	Cultured Allogenic Mesenchymal Stem Cell Application in Selected Veterinary Clinical Disorders vis-à-vis Preclinical Studies in Artificially Induced Lab Animal Models	Dr. Mudasir Bashir Gogjoo, Asstt. Prof Vety Clinical Complex	2018-19	16.30
120.	Genetic mapping of anthracnose resistance gene(s) in a common bean bi-parental RIL. Population (KRC 22 x Jawala) and development of anthracnose resistant breeding lines	Dr. Bilal Padder Assoc. Professor, Plant Pathology	March 2018- 19 3 years	18.00
121.	Generation and In vivo development of FGF5 disrupted pashmina goat embryo through CRISPR –Cas based gene editing technique	Dr. Riyaz Ahmad Shah Professor and Head Animal Biotechnology	2019-20 3 Years	19.00

122.	Oocyte vitrification for long preservation of important animal genetic resources of temperate Himalayas	Dr. Khurshid Sofi Asstt. Professor VCC	2019-20 3 Years	15.62
123.	Breaking seed dormancy vis-à-vis rapid micro-tuberization and plantlet regeneration in kalazeera (<i>Bunium persicum</i> (Bioss.) Fedts.	Dr. Mudasir Hafiz Khan, Asstt. Prof. SRS, Pampore	2020-21 3 years	12.00
124.	A study on ecological aspects of Himalayan goral (<i>Naemorhedus goral</i>) for conservation planning in Kajinag National Park, Kashmir“ In collaboration With Kashmir University	Dr. Khursheed Ahmad I/C Centre for MWS, FoF	2019-20 3 Years	40.96
8. Defense Research & Development Organization HQ (DRDO)				
125.	Evaluation of locally available phytochemicals as feed additives	Dr. Mohd Tufail Bandy Dean FVSc. & AH	2019-20 3 years	7.69
9. G. B. Pant Institute of Himalayan Environment and Development (GBPIED) under National Mission on Himalayan Studies				
126.	Livelihood improvement through quality corn production viz-a-viz promotion of saffron (<i>Crocus sativus</i> L.) cultivation in cold arid regions of Ladakh	Dr. M. H. Khan Asstt. Professor SRS Pampore	2018-19 3 years	12.52
127.	A value chain of saffron in new areas of NW Himalayas by engaging youth and women for strengthening a bio-based green economy	Dr. Amjad Hussaini Asstt. Professor Plant Biotechnology	2018-19 3 years	32.50
128.	Entrepreneurship Development and Livelihood of Shina Tribe through Value Chain Improvement of Non-Timber Forest Resources in Gurez Valley of Kashmir”	Dr M.A. Islam, Associate Professor, Division of NRM, FoF	2018-19 3 years	5.33
129.	Revival of kala zeera cultivation through germplasm conservation and community based approaches under tribal area conditions of Gurez valley	Dr. M. Anwar Khan Assoc Prof. FoA	2019-20 3 years	13.16

130.	Water fowl Ecological Monitoring and Conservation through Community Participation and Rural livelihood in Shallabug Wetland Reserve, Kashmir (J&K)	Dr. Khursheed Ahmad Asstt. Prof Faculty of Forestry	2019-20 3 Years	10.00
131.	Development of site-specific and appropriate crop/ enterprise based models suitable for different agro-eco situations of Kashmir	Dr. Imtiyaz Jahangir Khan, Asstt. Prof. Div. of Env. Sciences	2020-21 3 years	27.00
10. Ministry of Agriculture and Farmers Welfare (GoI)				
132.	Establishment of Farm Machinery Testing Centre	Jagvir Dixit Professor College of Agri Engg.	2017-18/ 3 years	50.00
F. Students Research Projects				
1). Department of Science & Technology				
(i) Young Scientist Fellowship Projects				
133.	Analysis of the mechanistic regulations of SNTAI/p66Shc interaction on cytoskeleton organization and migration in breast carcinoma cells (DST INSPIRE)	Dr. Sahar Saleem Div. of Animal Biotechnology	2017-18/ 3 years	11.70
134.	Development of field validation of low cost rainbow trout hatchery technology for livelihood enhancement of Ladakh population	Dr. Mohammad Iqbal Mir, Ph.D, (Biotechnology)	2019-20 3 years	13.75
(ii). Women Scientist Scheme - B				
135.	Farmers participatory collection, characterization and conservation of Bunium persicum Kala Zeera in North – Western Himalaya	Dr. Reetika Mahajan Division of Plant C/o Biotechnology (Student)	2019-20 3 years	11.79
2). Department of Biotechnology Government of India				
139	Monoculturing of exotic sheep in J&K its impact assessment using molecular markers for conservation genetics	Dr. Nusrat Nabi C/o Animal Genetics & Breeding	2018-19 2 Years	20.00
3). Centre for Scientific & Industrial Research				
140	Exploring the genetic polymorphism of genes controlling growth and adaptability	Dr. Saba C/o Division of	2018-19 2 Years	9.00

	of bakerwal goats of nomadic tribe of J&K under trans migratory system	Animal Genetic Breeding		
G. National Collaborative Projects				
H. M/S Tricho Agronica Pvt. Ltd. MRIIRS, Sector-43, Aravali Hills, Faridabad, Haryana, 121005				
141	Evaluation of oil based bio-formulation against foliar diseases of tomato	Dr. Ali Anwar, Prof & Head Div. of Plant Pathology	2019-20 1 year	6.72
I International Collaborative Projects				
1) Indo-US science & Technology Forum				
143	Conservation and restoration of threatened deer species through conservation breeding, conservation genetics and community development	Dr. Khursheed Ahmad I/C Centre for MWS,FoF	2019-20 2 years	36.34
2) International Potash Institute, Switzerland				
144	Response of polyhalite as a multi-nutrient fertilizer on growth, yield and quality of apple in Kashmir	Dr. Sharbat Hussain Ex Ph. D Scholar Div. of Fruit Science, Shalimar	2020-21 3 years	6.30

All India Coordinated Research Projects (AICRP)

(a) Coordinated projects				
1.	Soil Test Crop Response (STCR) based Fertilizer Recommendations for Rice under Temperate Conditions of Kashmir	Dr. Uzma Bashir SMS, KVK, Srinagar	2010-11	--
2.	AICRP on Biological Control of Pests and Weeds	HoD, Entomology	1985-86	--
3.	AICRP on Potato	HoD, Vegetable Science	1985-86	--
4.	AICRP on Vegetables	HoD, Vegetable Science	1985-86	--
5.	National Seed Project	Nodal Officer Seeds	1985-86	--

	BSP/STR			
6.	AICRP on Post-Harvest Technology	HoD, Food Science & Technology	2000-01	--
7.	AICRP on Agro-forestry	Dr. S. Naseem ul Zafar Geelani Asstt. Prof., FoF	1985-86	--
8.	AICRP on Maize	ADR DARS Budgam	1985-86	--
9.	AICRP on Pulses	ADR DARS, Budgam	1985-86	--
10.	AICRP on Rice	ADR, MRCFC, Khudwani	1985-86	--
11.	AICRP on Forage Crops	ADR DARS, Budgam	2010-11	--
12.	AICRP on Floriculture	HoD, Floriculture & Landscape Arch.	1987-88	
13.	AICRP on Application of Plastic Engineering & Technology	HoD, CAE&T	2010-11	--
14.	AICRP on Honey Bees & Pollinators	HoD, Entomology, FoH	2012-17	--
15.	AICRP on Wheat & Barley	ADR, MRCFC, Khudwani	2012-13	19.39
16.	Seed Production in agricultural crops and fisheries	Dr. Bilal Ahmad Faculty of Fisheries	2009-10	23.00

17.	AICRP on Agro Meteorology (AICRPAM)	HoD, Agronomy	2014-15	--
18.	AICRP on Changthangi Goat, Leh	ADR, HMAARI, Leh Nodal Officer	2014	--
19.	AICRP on Mushroom	Dr. Tariq Sofi , Asst Prof. Plant Pathology, FoH	2015-16	-
20.	AICRP on Soyabean	Dr. M. N. Khan Prof GPB, DARS, Budgam	2018-19	-
(b) Network Centres				
21.	Network Project on Poultry Seed Production	Dr. Azmat Alam Professor LPM, FVSc & AH	2014	--
22.	Network project on value chains (NCAP)	Dr. S. A. Wani Dean School of Agri-Economics & HBM	2017-18/ Yearly	25.00
23.	AINP on Pesticide Residues	Dr. Ashraf Alam Wani Professor (Plant Path) I/C RCRQA, Shalimar	2014-15	40.00
24.	Germplasm characterization and trait discovery in wheat using genomics approaches and its integration for improving climate resilience, productivity and nutritional quality	Reyaz R. Mir Div. of GPB, FoA Wadura	2020-21 5 years	40.37
(c) Voluntary Centres				

25.	AICRP on Weed Control	HoD, Agronomy Dr. G. M. Lone	2013-14	-
26.	Network project on Vertebrate Pest Management	Professor, Entomology, FoH	2015-16	-
27.	Precision Farming Development Centre, HMAARI, Leh	Associate Director (R&E) HMAARI, Leh	Yearly Funding	-