

S.No.	FARM TECHNOLOGIES DEVELOPED BY SKUAST JAMMU
	A. Faculty of Agriculture
1.	Crop Diversification
2.	Direct Seeded Rice (DSR)
3.	Zero-till Technology in Wheat
4.	Rejuvenation of Weed Infested Grazing Lands
5.	Ring-pit Planting Method of Sugarcane
6.	Vermicomposting
7.	Production Technology for Linseed
8.	Impact of micronutrients application of Zn and B
	Division of Entomology
9.	IPM in Vegetables
10.	Management of Grasshoppers
11.	Management of Varroa destructor mite
12.	Biological Suppression of Anar Butterfly
13.	Management of pod borer on marigold
14.	Management of wheat aphid
15.	Management of leaf folder in paddy
16.	IPM modules against Aonla fruit borer
	Division of Pathology
17.	Mushrooms cultivation: Round the year
	Division of Vegetable & Floriculture Science:
18.	Integrated nutrient management in vegetable crops
19.	Portray Nursery Production Technology
20.	Seed Production of knol-khol
21.	Multiplication of Tomato Hybrids through Plant Tissue culture
22.	Multiplication of mass ginger planting materials.
23.	Potato multiplication through Micro tubers technique.
24.	Knolkhol production :Round the Year
25.	Weed management in marigold
26.	Weed management in garlic
27.	Micropropagation of chrysanthemum
28.	Micropropagation for mass multiplication of liliium
29.	Canopy management in marigold
	Division of Sericulture
30.	Silk Cocoon Production: Chawki Rearing Technology
31.	New Bivoltine Hybrid: PO3 x ND5
	Division of Soil Science & Agri. Chemistry
32.	Soil Fertility Mapping of Jammu district
33.	Conservation techniques in maize-wheat system in kandi belt of Jammu
34.	Biochar and organic manures on growth of knolkhol
35.	Biochar on crop performance in rice- wheat system.
36.	Response of fertility levels on growth, yield and quality of rice (<i>Oryza sativa</i> L.) under aerobic conditions

37.	Fertilizer recommendations in Rice-wheat based on Target Yield Concept (TYC)
38.	Phosphorus and sulphur nutrient uptake and yield of black gram
39.	Zinc and iron application in rice (Cv. Basmati-370)
40.	Sulphur and Molybdenum in Chickpea
41.	Saffron Growing Soils of Kishtwar District
42.	Zinc fortified phosphorus fertilizer on utilization efficiency in rice -wheat system
43.	Macronutrients of soils under rice growing area of Samba district.
44.	Management of mustard crop through Sulphur and Zinc application
45.	Real time nitrogen management
46.	Soil Quality and Water Productivity Enhancement in Rainfed Orchards
47.	Fertilizer recommendations in Maize-wheat based on Target yield
48.	organic and inorganic fertilizers on soil properties and yield of maize under rainfed condition.
49.	Vermicompost, FYM and chemical fertilizer on yield, nutrient uptake in onion-okra sequence
50.	Enzyme and nutrient activity in rhizosphere of <i>Withania somnifera</i> (L)
51.	Diazotrophic and P-solubilizing Bacteria in doda-district
	Division of Agricultural Economics and Agribusiness Management
52.	Farming System towards Livelihood Security
53.	Niche crops and assessment of farm level diversification
54.	Production and Marketing of Rajmash Crop in Doda District
55.	Production and Marketing of Marigold Flowers in Jammu
	Division of Food Technology:
56.	Fibre Rich Oat-Wheat Flour Blended Biscuits
57.	Pretreatments and dehydration on the quality of oyster mushroom
58.	Brown Rice Based Weaning Food for childrens
	Division of Agri. Engineering
59.	Power operated pulse thresher
60.	Weeding –Cum- Earthing Up Equipment
61.	Motorized Paddy Thresher For Hilly Area
62.	Automatic Timer Based Variable Speed Device for Sprinkler System
63.	Tractor operated soil compaction measurement device
	Division of Fruit Science
64.	Aonla based cropping system
65.	Walnut (<i>Juglans regia</i> L.) Germplasm in Jammu Province
66.	Pecan nut (<i>Carya illinoensis</i> K.) germplasm of Jammu province
	Division of Agroforestry
67.	Identification of superior genotype of Harad and its vegetative propagation.
68.	Identification of superior Poplar clones for cultivation in Jammu sub-tropics
69.	Agro-technology of medicinal plants: <i>Aloe barbadensis</i> , <i>Gloriosa superba</i> , <i>Rauvolfia serpentina</i> and <i>Silybum marianum</i>
70.	Superior accession of <i>Asparagus racemosus</i> (Shatavar)

	AICRP-IFS
71.	Diversification under irrigated conditions of Jammu
72.	Integrated Farming System Model for small and marginal farmers.
	AICRP- Rice
73.	SRI– Efficient input use methodology
	AICRP- Weed Management
74.	Weedy Rice Management
	AICRP- Rapeseed-Mustard
75.	Moisture stress mitigation in Indian mustard
	AICRP-PRSS, Samba:
76.	Bio-efficacy of herbicides for broad spectrum weed management in chickpea
	AICRP-IWM, Chatha
77.	Laser leveling under irrigated conditions of Jammu
78.	Multiple water use model for wetland Areas
79.	Increased Potato Production and Water Saving through Sprinkler Irrigation
	AICRP-Wheat:
80.	Management of powdery mildew diseases of wheat
	Research Stations :
	ACRA, Rakh Dhiansar:
81.	Integrated Nutrient Management in pearl millet crop
82.	Integrated nutrient management in rainfed maize
83.	Biopesticidal management of mustard aphid
84.	Mustard aphid management through organic and inorganic plant nutrition
85.	Root rot disease management in Urdbean
86.	Fusarium wilt diseases management in Chickpea
87.	Biorationals against citrus Psylla causing greening disease in citrus
88.	Maize stem borer management through organic/inorganic plant nutrition
	ACHR, Udheywala, Jammu
89.	Bio-control of soil- borne diseases of vegetables crops
	OFRC, Chatha
90.	Organic Protection Package of Basmati Rice
91.	NSKE: A Potent Bio-Pesticide for Insect pest and diseases management
92.	High Density Organic Guava Cultivation
	RHRS, Bhaderwah
93.	Nutrient management in maize+rajmash intercropping in sub-alpine conditions
94.	Agrotechnique Refinement for wild pomegranate (<i>Anardana</i>)
	RARS, Rajouri
95.	Single Cross Hybrid Seed Production of Quality Protein Maize
96.	Different method of grafting and time in Walnut and Pecan Nut
97.	Green fodder supply round the year in Mid Hill region
98.	Rainwater harvesting for high value crops in hill region.
	B. School of Biotechnology
99.	DNA fingerprinting of basmati rice
100.	Scaled up multiplication of Brahmi
101.	Mass multiplication of Peppermint through micro-propagation.
102.	DNA markers: A tool for varietal identification .

	C. Faculty of Basic Science, Chatha
103	Un-fruitful management in Olive
104	Participatory Technology Development for Olive cultivation
	D. KVKs
105	Mitigation of stripe rust (yellow rust) disease of wheat through chemicals and varieties
106	Rhizome rot of ginger pose a threat to ginger production hill region
107	Organic management of rhizome rot of ginger in Reasi district
	E. Faculty of Veterinary Sciences & AH, R S Pura, Jammu
	Division of Animal Nutrition
108	Condensed tannins enriched multi-nutrient blocks For Livestock
	Division of Veterinary Parasitology:
109	<i>Przhevalskiana silenus</i> infestation in goats and development of treatment regime.
110	Acaricide resistance in ticks
	Division of Veterinary Medicine
111	Early diagnostic markers for the diagnosis of bovine mastitis
112	Management of mastitis in dairy animals
	Div. of VGO, FVSc & AH
113	Embryo transfer technology in sheep
114	Cryo preservation techniques of cattle and buffalo semen
	Division of Veterinary Pathology
115	Etio-pathomorphological on disease affections of broiler chicken in Jammu
116	Avipox viruses identification techniques: Molecular characterization and phylogenetic
117	AgNOR: marker of cell proliferation in benign and malignant tumors of domestic animals
118	Etio-pathomorphological on gastro-intestinal tract of broiler chickens
	Division of Veterinary Public Health & Epidemiology
119	Zoonotic parasites of Livestock and livestock rearers
120	MIC 10 recombinant protein based ELISA for sero-diagnosis of toxoplasmosis in humans and animals
121	Methicillin resistant <i>Staphylococcus aureus</i> from diverse sources.
122	Bacterial pathogens from veterinary hospitals and their assessment for biofilm production potential
123	Echino cocciosis in Jammu
124	<i>Bacillus cereus</i> in meat and meat products
125	Prevalence on <i>Salmonella</i> species in human diarrheic
126	Sero-diagnosis of brucellosis among goats and humans
127	Dog owners to canine rabies in region of Jammu.
	Division of LPM
128	Heat stress amelioration in dairy cattle by showering
129	Pine leaves for improves economics and performance of broiler chicks
130	Enhancement of meat quality of <i>Cyprinus carpio</i> by chicken manure.
131	Turkey production under intensive and semi-intensive rearing system.
	Division of VSR
132	Ultrasonography in diagnosis of surgical affections of gastrointestinal tract in bovines.
133	Balanced total intravenous anaesthesia protocols for adult mules
134	Management of intussusceptions in cattle

135.	Post operative pain management in dogs
136.	Ultrasound guided and laparoscopic needle biopsy in dogs
137.	Ultrasound guided biopsy of liver and kidney in cattle.
	Division of livestock Products technology
138.	Development of fiber enriched chicken sausages
139.	Shelf-stable fish snacks
140.	Development of designer papaya pulp incorporated enrobed nuggets
141.	Designer fiber-enriched chevon cutlets
142.	Development of composite meat chocolate
143.	Development of designer chhana delights enrobed with chocolate and caramel
144.	Fruit fiber fortified emulsion based spent hen meat products (patties)
145.	Herbal extract fortified chicken nuggets
146.	Development of offal based goat meat pickle with enhanced shelf life
147.	Low sodium fish balls
	Division of VPB
148.	Effect of Seabuckthorn (<i>Hippophae rhamnoides</i>) in experimentally induced diabetes mellitus and lead toxicity in Wistar rats.
149.	Molecular Detection of <i>Streptococcus agalactiae</i> In Cattle Milk Through Lamp
	Others technologies
150.	Mitigation of climatic stress to reduce greenhouse gas emissions from Livestock
151.	Small Ruminants Rearing in the Hilly areas
152.	Scientific Dairying and Dairy Entrepreneurship
153.	Commercial Broiler Chicken Farming
154.	Modern sheep and goat farming
155.	Giant Freshwater Prawn for fish rearing
156.	Commercial Layer Chicken Farming
157.	Commercial Aquaculture
158.	Animal by-products as feed for the animals
159.	Strategies for increasing fish production
160.	Conservation of Animal Genetic Resources
161.	Milk production in Hilly and Kandi areas of Jammu.
162.	Animal Husbandry practices in Kandi areas of Jammu
163.	Diseases of Cattle and remedial measures in Kandi areas of Jammu
164.	Edible vaccines: a new ray in disease prevention
165.	Constraints and Strategies for Chevon Production in Hilly and Kandi areas of Jammu
166.	Pig Farming as an Emerging Enterprise in Kandi areas of Jammu
167.	Dairy Production and Productivity enhancement techniques in Jammu region.
168.	Mutton & Wool Production in Hilly and Kandi areas of Jammu& Kashmir
169.	Sperm quality biomarkers