

**DIRECTORATE OF RESEARCH
ANAND AGRICULTURAL UNIVERSITY
UNIVERSITY BHAVAN, ANAND-388 110 (Gujarat)**



Dr. M. K. Jhala
Director of Research & Dean PG Studies (I/c)

☎/Fax: 02692-263600(O)
e-mail : dr@aau.in

No. AAU/DR/RES/T-3/ 3593 /2023

Date: 31 /07/2023

To,

1. All University Officers, AAU, Anand
2. All Conveners of AGRESCO Sub-Committee, AAU, Anand
3. All Unit / Sub-Unit Officers of AAU, Anand

Sub : Revised experiment code number..... 19th Combined AGRESCO

Enclosed, please find herewith the code numbers assigned to the New Technical Programme/s which is/are approved in 19th Combined AGRESCO of SAUs and Kamdhenu University held during 25th April to 17th May, 2023 through online mode. Now, you are requested to use these code numbers in AGRESCO report in future.

Encl : As above


Director of Research &
Dean P. G. Studies

NEW TECHNICAL PROGRAMMES APPROVED IN 19TH COMBINED AGRESKO HELD ONLINE HOSTED BY AAU, ANAND (2023)

Abbreviations

CI : Crop Improvement

CP : Crop Production

PP : Plant Protection

SS :Social Sciences

AS : Animal Science

**AE·AIT : Agricultural Engineering and Agricultural
Information Technology**

DS·FPT : Dairy Science and Food Processing Technology

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
19.1 Crop Improvement			
19.1.3.1	Effect of seed priming and palleting on seedling establishment, growth and yield of direct seeded rice under middle Gujarat conditions	CI/ Seed Science & Technology /2023/01	Assistant Professor and Head, Dept. of Seed Science & Technology, BACA, AAU, Anand
19.2 Crop Production			
19.2.3.1	Performance of soybean varieties under different spacing in summer season	CP/Agronomy/2023/01	Professor & Head, Department of Agronomy, BACA, AAU, Anand
19.2.3.2	Performance of soybean varieties under different time of sowing in semi <i>rabi</i> season	CP/Agronomy/2023/02	Professor & Head, Dept. of Agronomy, BACA, AAU, Anand
19.2.3.3	Response of irrigation regimes and mulching on sweet corn and its effect on green gram under organic farming	CP/Agronomy/2023/03	Professor & Head, Department of Agronomy, BACA, AAU, Anand
19.2.3.4	Comparative study of nano nitrogen and nano urea on irrigated wheat	CP/Agronomy (BACA), RRS (Anand), ARS (Thasra) /2023/04	Professor & Head, Department of Agronomy, BACA, AAU, Anand, Research Scientist, RRS, AAU, Anand & Associate Research Scientist, ARS, AAU, Thasra
19.2.3.5	Comparative study of nano nitrogen and nano urea on <i>rabi</i> maize	CP/ Agronomy (BACA), MMRS (Godhra), CoA (Agro.), Jabugam /2023/05	Professor & Head, Department of Agronomy, BACA, AAU, Anand, Research Scientist, MMRS, AAU, Godhra & Principal, CoA, AAU, Jabugam
19.2.3.6	Crop weather relationship of mango under semi-arid environment	CP/Ag. Meteorology/2023/01	Professor and Head, Department of Ag. Meteorology, BACA, AAU,

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
			Anand
19.2.3.7	Study on association of weather parameters with productivity of major perennial fruit crops of Gujarat	CP/Ag. Meteorology/2023/02	Professor and Head, Department of Ag. Meteorology, BACA, AAU, Anand
19.2.3.8	Nitrogen management in finger millet	CP/Soil Science and Ag. Chem./2023/01	Professor and Head Dept. of Soil Science and Ag. Chem., BACA, AAU, Anand
19.2.3.9	Bio-efficacy of different herbicides against complex weed flora in <i>kharif</i> blackgram	CP/Weed Control/2023/01	Agronomist, AICRP-Weed Management, BACA, AAU, Anand
19.2.3.10	Response of nitrogen and phosphorus levels on green fodder yield of <i>kharif</i> fodder maize	CP/MFRS, Anand/2023/01	Research Scientist, MFRS, AAU, Anand
19.2.3.11	Comparative study of zinc sulphate and nano zinc of summer fodder sorghum	CP/MFRS, Anand/2023/02	Research Scientist, MFRS, AAU, Anand
19.2.3.12	Effect of Safed musli and Pigeon pea intercropping system on yield and quality of Safed musli (<i>Chrophytum boriviliunum</i> L.)	CP/ M&APRS, Anand/2023/01	Associate Research Scientist and Head, M&APRS, AAU, Anand
19.2.3.13	Effect of row spacing and mulch on summer okra under drip irrigation system	CP/ RRS, Anand/2023/01	Research Scientist, RRS, AAU, Anand
19.2.3.14	Comparative study of nano nitrogen and nano urea on potato	CP/ RRS (Anand), ARS (Thasra) /2023/02	Research Scientist, RRS, AAU, Anand & Associate Research Scientist, ARS, AAU, Thasra
19.2.3.15	Nitrogen management through organic sources in soybean and its residual effect on chickpea under organic farming	CP/ PRS, Vadodara/2023/01	Research Scientist (Pulse Research Station, AAU, Vadodara
19.2.3.16	Effect of multi-micronutrient mixture grades application on growth, yield and quality of <i>Amaranthus</i>	CP/ TRTC, Devgadhi Baria /2023/01	Research Scientist TRTC, AAU, Devgadhi Baria
19.2.3.17	Studies on sorghum and soybean intercropping system in <i>kharif</i> season	CP/CoA (Agro.), Jabugam /2023/01	Principal, CoA, AAU, Jabugam
19.2.3.18	Bio-efficacy of different herbicides against complex weed flora in summer black gram	CP/CoA (Agro.), Jabugam /2023/02	Principal, CoA, AAU, Jabugam

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19.2.3.19	Nitrogen management in dill seed through organic sources in <i>Bhal</i> region under organic condition	CP/ ARS, Arnej /2023/01	Asso. Research Scientist, Agril. Research Station, AAU, Arnej
19.2.3.20	Evaluation of soybean - millets intercropping systems	CP/ ARS, Dahod/2023/01	Associate Research Scientist, ARS, AAU, Dahod
19.2.3.21	Nutrient management in kodo millet (<i>Paspalum scrobiculatum</i> L.)	CP/ ARS, Dahod & SSAC, BACA /2023/02	Associate Research Scientist, ARS, AAU, Dahod and Professor and Head, Dept. of Soil Sci. and Ag. Chem. BACA, AAU, Anand
19.2.3.22	Comparative study of nano urea and nano nitrogen on yield and yield attributes of durum wheat under restricted irrigation in <i>Bhal</i> condition of Gujarat	CP/ ARS, Dhandhuka /2023/01	Assistant Research Scientist, ARS, AAU, Dhandhuka
19.2.3.23	Effect of nano Zn and Fe on yield and quality of Acid lime. cv. Kagzi lime	CP/Horti. Poly. Vadodara /2023/01	Principal, Sheth D. M. Polytech, Vadodara
19.2.3.24	Comparative study of nano nitrogen and nano urea on growth, yield and quality of brinjal (<i>Solanum melongena</i> L.) cv. GAB 6 (Anand Doli)	CP/CoA, Vaso/2023/01	Principal, CoA, AAU, Vaso
19.2.3.25	Influence of micronutrient management on yield, nutrient composition and quality of Guava (<i>Psidium guajava</i>)	CP/ Micronutrient/2023/01	Associate Research Scientist, Micronutrient Res. Centre, AAU, Anand
18.2.3.26	Effect of seedling age on yield of summer rice	CP/MRRS, Nawagam /2023/01	Research Scientist (Rice), MMRS, AAU, Nawagam
19.3 Plant Protection			
I. Agril Entomology			
19.3.3.1	Evaluation of ready-mix combination of insecticide and fungicide as seed treatment against sucking insect-pests and diseases of soybean	PP/Entomology, BACA, & Pathology, BACA /2023/01	Professor and Head, Dept. of Entomology, BACA, AAU, Anand & Professor and Head, Dept. of Plant Pathology, BACA, AAU, Anand
19.3.3.2	Foraging behaviour of pollinators fauna in coriander	PP/Entomology, BACA, /2023/02	Professor and Head, Dept. of Agril. Entomology, BACA, AAU, Anand
19.3.3.3	Effect of ecofriendly inputs against aphid infesting	PP/CoH (Ento.), Anand /2023/01	Assistant Professor and Head,

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	vegetable cowpea		Department of Plant Protection, CoH, AAU, Anand
19.3.3.4	Evaluation of ovicidal effect of aluminium phosphide on pulse beetle in stored green gram	PP/RRS (Ento.), Anand /2023/01	Research Scientist, Regional Research Station, AAU, Anand
19.3.3.5	Efficacy of ready-mix insecticides and fungicides against major insect-pests and blast in rice	PP/MRRS (Ento.), Nawagam /2023/01	Research Scientist, MRRS, AAU, Nawagam
19.3.3.6	Bio-efficacy of ready-mix insecticides against leaf webber infesting sesame	PP/CoA (Ento.), Jabugam /2023/01	Principal, CoA, AAU, Jabugam
19.3.3.7	Impact of intercropping on the incidence of fall armyworm, <i>Spodoptera frugiperda</i> (J.E. Smith) in maize	PP/MMRS (Ento.), Godhra /2023/01	Research Scientist, MMRS, AAU, Godhra
19.3.3.8	Efficacy of ready-mix insecticides against spotted pod borer of blackgram	PP/ARS (Ento.), Derol /2023/01	Associate Research Scientist, ARS, AAU, Derol
19.3.3.9	Efficacy of different insecticides against stem borer infesting wheat	PP/KVK (Plant Protection), Arnej /2023/01	Senior Scientist & Head, Krishi Vigyan Kendra, AAU, Arnej
19.3.3.10	Evaluation of ecofriendly inputs against aphid infesting cabbage	PP/Agri. Poly. (Ento.), Anand & MVRS (Ento.), Anand / 2023/01	Principal, SMC Polytechnic in Agriculture, AAU, Anand & Research Scientist, MVRS, AAU, Anand
19.3.3.11	Residues and persistence study of triafamone 37.5 g/L + fentrazamide 300 g/L SC and triafamone 40 g/L+ oxadiazon 240 g/L SC in transplanted rice	PP/Pesticide Residues /2023/01	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.12	Residues and persistence study of triafamone 37.5 + fentrazamide 300 g/L SC and triafamone 40 + oxadiazon 240 g/L SC in direct seeded rice crop	PP/Pesticide Residues /2023/02	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.13	Residues and persistence study of flufenacet 24% + metribuzin 17.5% WG in potato crop	PP/Pesticide Residues /2023/03	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.14	Residues and persistence study of flufenacet 24% + metribuzin 17.5% WG in soybean crop	PP/Pesticide Residues /2023/04	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.15	Residues and persistence study of thiencazone-methyl 68 g/L + tembotrione 345 g/L SC in maize	PP/Pesticide Residues /2023/05	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU,

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
			Anand
19.3.3.16	Residues and persistence of fluopyram 400 g/L SC in citrus	PP/Pesticide Residues /2023/06	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.17	Residues and persistence study of fluopyram 400 g/L SC in guava	PP/Pesticide Residues /2023/07	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.18	Residues and persistence study of fluopyram 400 g/L SC in carrot	PP/Pesticide Residues /2023/08	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.19	Residues and persistence study of fluopyram 400 g/L SC in ginger	PP/Pesticide Residues /2023/09	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.20	Residues and persistence study of fluopyram 250 g/L + difenoconazole 125 g/L SC, trifloxystrobin 500 g/L SC and fluopicolide 62.5 g/L + propamocarb hydrochloride 625 g/L SC in chilli crop	PP/Pesticide Residues /2023/10	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.21	Residues and persistence study of beta-cyfluthrin 90 g/L+ imidacloprid 210 g/L OD and spirotetramat 150 g/L OD in banana	PP/Pesticide Residues /2023/11	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.22	Residues and persistence study of isotianil 120 g/L + trifloxystrobin 100 g/L SC, trifloxystrobin 500 g/L SC and propineb 70% WG in transplanted rice	PP/Pesticide Residues /2023/12	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.23	Residues and persistence study of isotianil 200 g/L + trifloxystrobin 80 g/L FS (as seed treatment) in transplanted rice	PP/Pesticide Residues /2023/13	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.24	Residues and persistence study of fluopyram 200 g/L and tebuconazole 200 g/L SC and spirotetramat 150 g/L OD in cucumber	PP/Pesticide Residues /2023/14	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.25	Residues and persistence study of beta-cyfluthrin 90 g/L + imidacloprid 210 g/L OD in cumin	PP/Pesticide Residues /2023/15	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.26	Residues and persistence study of azoxystrobin 4.8%	PP/Pesticide Residues /2023/16	Residue Analyst, AINP on

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	+ chlorothalonil 40% SC in pea		Pesticide Residues, ICAR, AAU, Anand
19.3.3.27	Residues and persistence study of flubendiamide 90 g/L + deltamethrin 60 g/L SC in mango	PP/Pesticide Residues /2023/17	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.28	Residues and persistence study of tetraniliprole 200 g/L SC in chickpea	PP/Pesticide Residues /2023/18	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.29	Residues and persistence study of tetraniliprole 200 g/L SC in black gram	PP/Pesticide Residues /2023/19	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.30	Residues and persistence study of tetraniliprole 200 g/L SC in groundnut	PP/Pesticide Residues /2023/20	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.31	Residues and persistence study of spirotetramat 150 g/L OD in pomegranate	PP/Pesticide Residues /2023/21	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.32	Residues and persistence study of chlorantraniliprole 4.3% + abamectin 1.7% SC in watermelon	PP/Pesticide Residues /2023/22	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.33	Residues and persistence study of chlorantraniliprole 4.3% + abamectin 1.7% SC in pomegranate	PP/Pesticide Residues /2023/23	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
19.3.3.34	Residues and persistence study of chlorantraniliprole 4.3% + abamectin 1.7% SC in cotton	PP/Pesticide Residues /2023/24	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
II. Plant Pathology and Nematology			
19.3.3.35	Evaluation of ready-mix insecticide and fungicide as seed treatment against major insect pests and diseases in groundnut	PP/ Pathology, BACA & Entomology, BACA, /2023/01	Professor and Head, Dept. of Plant Pathology, BACA, AAU, Anand & Professor and Head, Dept. of Entomology, BACA, AAU, Anand

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
19.3.3.36	Evaluation of ready-mix fungicides for management of major foliar diseases in <i>Bt</i> cotton	PP/ Pathology, BACA & CoA (Patho.), Jabugam /2023/02	Professor and Head, Department of Plant Pathology, BACA, AAU, Anand & Principal, CoA, AAU, Jabugam
19.3.3.37	Efficacy of nano-fungicides against powdery mildew of coriander	PP/CoH (Patho.), Anand / 2023/01	Principal, CoH, AAU, Anand
19.3.3.38	Impact of organic amendments and varieties on incidence of root-knot nematode in bidi tobacco	PP/BTRS (Nemato.) & Nematology Dept. BACA, /2023/01	Research Scientist, BTRS, AAU, Anand & Prof. & Head, Dept.of Nematology, BACA, AAU, Anand
19.3.3.39	Effect of fungicidal seed treatment on leaf blast and brown spot in rice nursery	PP/MRRS (Patho.), Nawagam /2023/01	Research Scientist, Main Rice Research Station, AAU, Nawagam
19.3.3.40	Survey for soil-borne fungal diseases of chickpea in Ahmedabad district	PP/KVK (Plant Protection), Arnej/2023/02	Senior Scientist & Head, Krishi Vigyan Kendra, AAU, Arnej
19.3.3.41	Survey for soil-borne fungal diseases of chickpea in Anand district	PP/KVK (Plant Protection), Devataj/2023/01	Senior Scientist & Head, Krishi Vigyan Kendra, AAU, Devataj
19.3.3.42	Survey for major diseases of tomato in Anand district	PP/KVK (Plant Protection), Devataj/2023/02	Senior Scientist & Head, Krishi Vigyan Kendra, AAU, Devataj
19.3.3.43	Management of Alternaria leaf spot and flower blight in marigold through ready-mix fungicides	PP/CoA (Patho.), Jabugam/ 2023/01	Principal, CoA, AAU, Jabugam
19.4 Horticulture and Agro Forestry			
19.4.3.1	Nutrient management in dragon fruit (<i>Kamalam</i>)	CP/Horticulture Dept. BACA/2023/01	Professor and Head, Dept. of Horticulture, BACA, AAU, Anand
19.4.3.2	Effect of different time of transplanting and spacing on growth and yield of knol-khol under middle Gujarat conditions	CP/CoH, Anand/20232/01	Principal, College of Horticulture, AAU, Anand
19.4.3.3	Effect of different growing condition and media on growth and flowering of orchid	CP/CoH, Anand/20232/02	Principal, College of Horticulture, AAU, Anand
19.4.3.4	Effect of different growing media and fertilizer on palak on terrace vegetable cultivation	CP/Polytech. (Hort.), Vadodara /2023/01	Principal, Sheth D. M. Polytechnic in Horticulture, AAU, Vadodara
19.4.3.5	Effect of different growing media and fertilizer on fenugreek on terrace vegetable cultivation	CP/Polytech. (Hort.), Vadodara /2023/02	Principal, Sheth D. M. Polytechnic in Horticulture, AAU, Vadodara

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
19.4.3.6	Effect of Pre-sowing treatment on germination and growth of royal palm (<i>Roystonea regia</i>) Local	Not Approved	Principal, Sheth D. M. Polytechnic in Horticulture, AAU, Vadodara
19.4.3.7	Effect of Pre-sowing treatment on germination and growth of areca palm (<i>Dyopsis lutescens</i>) Local	Not Approved	Principal, Sheth D. M. Polytechnic in Horticulture, AAU, Vadodara
19.4.3.8	Effect of different spacing and number of plant per pole on growth, flowering and fruiting of dragon fruit (<i>Kamalam</i>)	CP/Polytech. (Hort.), Vadodara /2023/03	Principal, Sheth D. M. Polytechnic in Horticulture, AAU, Vadodara
19.4.3.9	Effect of N, P and K application on yield of okra	CP/CoA (Horti.), Jabugam/2023/01	Principal, CoA, AAU, Jabugam
19.5 Agricultural Engineering and AIT			
19.5.3.1	Partial dehydration of blanched sweet potato (<i>Ipomoea batatas</i>) slices for shelf life extension	AE·AIT/ PFE, CAET/ 2023/01	Head, Department of PFE, CAET, AAU, Godhra
19.5.3.2	Standardization of process parameters for preparation of dragon fruit leather	AE·AIT/ PFE, CAET/ 2023/02	Head, Department of PFE, CAET, AAU, Godhra
19.5.3.3	Development of battery operated inter and intra row weeder	AE·AIT/ FMPE, CAET /2023 /01	Head, Department of FMPE, CAET, AAU, Godhra
19.5.3.4	Estimation of spatio-temporal surface soil moisture using multispectral remote sensing, GIS and deep learning techniques	AE·AIT/ SWCE, CAET /2023 /01	Head, Department of SWCE, CAET, AAU, Godhra
19.5.3.5	Analysis of land use and land cover using machine learning algorithms and Google Earth Engine for Panchmahals district	AE·AIT/ IDE, CAET /2023 /01	Head, Department of IDE, CAET, AAU, Godhra
19.5.3.6	Development of centrifugal fruit juice extractor	AE·AIT/ BEAS, CAET /2023 /01	Professor and Head, Department of BEAS, CAET, AAU, Godhra
19.5.3.7	Estimation of wheat yield at different stage using ensemble regression machine learning approach for Anand district	AE·AIT/ CAIT (Ag. Sci.) /2023 /01	Head, Dept. of Agril. Science, CAIT, AAU, Anand
19.5.3.8	Development of Artificial Intelligence based plant diseases and pests (Okra) advisory for the farmers	AE·AIT/ CAIT (AIT) /2023 /01	Head, Dept. of AIT, CAIT, AAU, Anand
19.5.3.9	Development and evaluation of information retrieval and selling system for medicinal and aromatic plants	AE·AIT/CAIT(AIT)/2023 /02	Head, Dept. of AIT, CAIT, AAU, Anand
19.5.3.10	Development and evaluation of contractual Human	AE·AIT/ DIT /2023/01	Director, IT, AAU, Anand

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
	Resource Management System – HRMS		
19.5.3.11	Development and evaluation of state varietal enrolment portal for Government of Gujarat	AE·AIT/ DIT /2023/02	Director, IT, AAU, Anand
19.5.3.12	Development and evaluation of agribot for AAU recommendations	AE·AIT/ DIT /2023/03	Director, IT, AAU, Anand
19.5.3.13	Development and evaluation of E-diary for farmers	AE·AIT/ DIT /2023/04	Director, IT, AAU, Anand
19.5.3.14	Development of a mobile app for millet crops	AE·AIT/ CAIT (AIT) /2023 /03	Head, Dept. of AIT, CAIT, AAU, Anand
19.5.3.15	Development of perforated storage bin for garlic	Modified Experiment	Head, Department of PFE, CAET, AAU, Godhra
19.5.3.16	Performance evaluation of developed Internet of Things (IoT) based system (Shifted from DS&FPT committee)	AE·AIT/ FPE, FPTBE/ 2023/01	PI & Head, Dept. of FPE, CoFPTBE, AAU, Anand
19.6 Animal Science ----NIL---			
19.7 Dairy Science & Food Processing Technology & Bio-energy			
19.7.3.1	Effect of irradiation on pearl millet & sorghum	FPT/FPE, FPT&BE /2023/01	Head, Dept. of FPE, College of FPTBE, AAU, Anand
19.7.3.2	Dehydration of green leaves of selected vegetables	FPT/FPE, FPT&BE /2023/02	Head, Dept. of FPE, College of FPTBE, AAU, Anand
19.7.3.3	Performance evaluation of developed Internet of Things (IoT) based system	Shifted to AE-AIT Sub committee	Head, Dept. of FPE, College of FPTBE, AAU, Anand
19.7.3.4	Development of reduced sugar aonla beverage utilizing stevia	FPT/FPT, FPT&BE /2023/01	Head, Dept. of FPT, College of FPTBE, AAU, Anand
19.7.3.5	Development of value-added farali extruded snack	FPT/FPT, FPT&BE /2023/02	Head, Dept. of FPT, College of FPTBE, AAU, Anand
19.7.3.6	Production technology of popped ready-to-eat snacks using kodo millet	FPT/FPT, FPT&BE /2023/03	Head, Dept. of FPT, College of FPTBE, AAU, Anand
19.7.3.7	Standardization of drying technology for bael leaves powder	FPT/FPT, FPT&BE /2023/04	Head, Dept. of FPT, College of FPTBE, AAU, Anand
19.7.3.8	Technology for production of Ready to Serve green tomato beverage	FPT/FPT, FPT&BE /2023/05	Head, Dept. of FPT, College of FPTBE, AAU, Anand
19.7.3.9	Production technology for kodo millet based idli	FPT/FPT, FPT&BE /2023/06	Head, Dept. of FPT, College of

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
			FPTBE, AAU, Anand
19.7.3.10	Bio-chemical characterization of insulin plant leaves	FPT/FSQA, FPT&BE/2023/01	Head, Dept. of FSQA, College of FPTBE, AAU, Anand
19.7.3.11	Supercritical fluid extraction of cumin seed essential oil	FPT/FSQA, FPT&BE/2023/02	Head, Dept. of FSQA, College of FPTBE, AAU, Anand
19.7.3.12	Development of pizza base incorporating millets	FPT/PFSHE/2023/01	Principal, PFSHE, AAU, Anand
19.7.3.13	Devising food exchange list for foods prepared using cereals and millets	FPT/PFSHE/2023/02	Principal, PFSHE, AAU, Anand
19.7.3.14	Development of nutribar using popped kodo and finger millet	FPT/PFSHE/2023/03	Principal, PFSHE, AAU, Anand
19.8 Basic science			
19.8.3.1	Influence of tryptophan on nutraceutical potential of tomato (<i>Solanum lycopersicum</i> L.)	CI (Basic Science)/ Biochemistry, BACA /2023/01	Prof. and Head, Dept. of Biochemistry, BACA, AAU, Anand
19.8.3.2	Biofortification for provitamin D3 in tomato through CRISPER-Cas based genome editing	CI (Basic Science)/ Ag. Biotech, Anand /2023/01	Research Scientist, Department of Agril Biotechnology, AAU, Anand
19.8.3.3	Effect of different nitrogenous fertilizer sources on morpho physiological traits, gene expression and gas emission in wheat	CI (Basic Science)/ Tissue Culture, Anand /2023/01	Assoc. Res. Sci., Centre for Advanced Res. in Plant Tissue Culture, AAU, Anand
19.8.3.4	Effect of water stress and paclobutrazole on morpho-physiological growth and yield in groundnut (<i>Arachis hypogea</i> L.)	CI (Basic Science)/ Plant Physiology, Anand /2023/01	Assistant Professor and Head, Plant Physiology, BACA, AAU, Anand
19.9 Social Science			
19.9.3.1	An economic analysis of dragon fruit production in Gujarat	SS/Ag. Econ, BACA/2023/01	Professor & Head, Dept. of Agril. Econ., BACA, AAU, Anand
19.9.3.2	Export potentiality of millets grown in India	SS/Ag. Econ, BACA/2023/02	Professor & Head, Dept. of Agril. Econ., BACA, AAU, Anand
19.9.3.3	Growth in area, production and productivity of spices and flower crops in Gujarat	SS/CoH (Ag. Econ)/2023/01	Principal, CoH, AAU, Anand
19.9.3.4	Economic analysis of <i>rabi</i> pigeonpea production in Chhotaudepur District	SS/ CoA (Ag. Econ.), Jabugam /2023/01	Principal, CoA, AAU, Jabugam
19.9.3.5	Value chain analysis of Honey: A case study of Gujarat	SS/ IABMI/2023/01	Principal & Dean, IABMI, AAU, Anand

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
19.9.3.6	Managerial ability and adaptation strategies of dairy farmers towards climate change in Middle Gujarat	SS/ IABMI/2022/02	Principal & Dean, IABMI, AAU, Anand
19.9.3.7	Status of Government sponsored Godown SAHAY SUBSIDY SCHEME in other than tribal areas of Middle Gujarat	SS/ IABMI/2022/03	Principal & Dean, IABMI, AAU, Anand
19.9.3.8	Status of Government sponsored Godown SAHAY SUBSIDY SCHEME in tribal area of Middle Gujarat	SS/ IABMI/2022/04	Principal & Dean, IABMI, AAU, Anand
19.9.3.9	Extreme rainfall events and their return period analysis of some stations of Gujarat	SS/ Basic Science (BACA) /2023/01	Professor & Head, Department of Basic Sciences and Humanities, BACA, AAU, Anand
19.9.3.10	Technological gap in production technology and utilization pattern of Sorghum among the farmers	SS/ Ext. Edu. (BACA) /2023/01	Professor & Head, Dept. of Agril. Extension and Communication, BACA, AAU, Anand
19.9.3.11	Group dynamics effectiveness of farmer producer companies in Middle Gujarat	SS/ Ext. Edu. (BACA) /2023/02	Professor & Head, Dept. of Agril. Extension and Communication, BACA, AAU, Anand
19.9.3.12	Perception of the papaya growers towards contract farming	SS/ EEI /2023/01	Director, EEI, AAU, Anand
19.9.3.13	Impact analysis of organic farming training programmes	SS/ EEI /2023/02	Director, EEI, AAU, Anand
19.9.3.14	Development of scale to measure attitude of farmers towards use of drone technology in farming	SS/ DoEE /2023/01	Director, Extension Education, AAU, Anand
19.9.3.15	Development of scale to measure attitude of farmers towards use of Nano fertilizer in farming	SS/ DoEE /2023/02	Director, Extension Education, AAU, Anand
19.9.3.16	Awareness of farmers about eco-friendly agricultural management practices	SS/ IDEA /2023/01	Director, IDEA, AAU, Anand
19.9.3.17	An explorative study on rooftop gardening in Ahmedabad city of Gujarat	SS/ IDEA /2023/02	Director, IDEA, AAU, Anand
19.9.3.18	Adoption of natural farming practices by the farmers in Anand district	SS/ CAIT (Agril. Sci.) /2023/01	Prof. & Head, Dept. of Ag. Sciences, CAIT, AAU, Anand
19.9.3.19	Perception of the tobacco growers towards contract farming	SS/ CoA Ext. Edu.), Jabugam /2023/01	Principal, CoA, AAU, Jabugam
19.9.3.20	Technological gap in production technology and	SS/ CoA (Ext. Edu.), Vaso	Principal, CoA, AAU, Vaso

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
	utilization pattern of Bajra among the farmers	/2023/01	
19.9.3.21	Crisis management practices adopted by broiler poultry farmers	SS/ Horti.(Poly.), Vadodara /2023/01	Principal, Polytechnic in Horticulture, AAU, Vadodara
19.9.3.22	Awareness of farmers about Government schemes of farm mechanization among the farmers of Panchmahals District	SS/ ARS, Derol/2023/01	Associate Research Scientist, Agril. Research Station, AAU, Derol
19.9.3.23	Adoption of natural farming practices by the farmers of Mahisagar District	SS/ MMRS, Godhra/2023/01	Research Scientist, Main Maize Research Station, AAU, Godhra
19.9.3.24	Awareness about millets, their nutritional benefits and consumption pattern among rural women in Ahmedabad District	SS/KVK, Arnej /2023/01	Senior Scientist & Head, KVK, AAU, Arnej
19.9.3.25	Adoption of ectoparasites management practices by animal owners	SS/KVK, Arnej /2023/02	Senior Scientist & Head, KVK, AAU, Arnej
19.9.3.26	Awareness of buffalo owners about causes of infertility in Anand District	SS/KVK, Devataj /2023/01	Senior Scientist & Head, KVK, AAU, Devataj
19.9.3.27	Assessment of financial loss due to fish diseases from village pond fish culture in Anand District	SS/KVK, Devataj /2023/02	Senior Scientist & Head, KVK, AAU, Devataj
19.9.3.28	Operational task functioning of members of organic FPO	SS/KVK, Devataj /2023/03	Senior Scientist & Head, KVK, AAU, Devataj
19.9.3.29	Performance of Primary Agriculture Cooperative Societies working in agricultural development in Chhotaudepur District of Gujarat	SS/ KVK, Mangal Bharati /2023/01	Senior Scientist & Head, KVK, Mangal Bharti, Vadodara
19.9.3.30	Training need assessment of Artificial Insemination technicians of Dahod District	SS/KVK, Dahod /2023/01	Senior Scientist & Head, KVK, AAU, Dahod
19.9.3.31	Determinants for discontinuing minor millets cultivation by the tribal farmers of Dahod District	SS/Agri-Polyclinic, Dahod /2023/01	Associate Research Scientist, ARS, AAU, Dahod
19.9.3.32	Vocational training needs of tribal women for self-reliance in Dahod Districts	SS/TRTC, Devgadhi Baria/2023/01	Head, TRTC and TFWTC, AAU, Devgadhi Baria
19.9.3.33	Assessment of technological gap among Tomato growers of Kheda District	SS/FTTC, Sansoli/2023/01	Head, FTTC, AAU, Sansoli-Nenpur

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