

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



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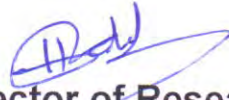
To,

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 : Experiment code number.....14th Combined Joint AGRESCO

Enclosed, please find herewith the code numbers assigned to the new technical programme/s which is/are approved in Fourteenth Combined Joint AGRESCO of SAUs held during 3-5 April, 2018 at JAU, Junagadh. 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 14TH COMBINED AGRESKO HELD AT JAU, JUNAGADH (2018)

Abbreviations

CI : Crop Improvement

CP : Crop Production

PP : Plant Protection

SS : Social Sciences

AP : Animal Production and Fisheries

AH : Animal Health

**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
14.1 Crop Improvement			
14.1.3.1	Interspecific hybridization for transferring aphid resistance to cultivated Mustard (<i>Brassica juncea</i> (L.) Czern.) varieties.	CI/ Genetics & Plant Breeding / 2018/01	Professor & Head, Dept. of Genetics & Plant Breeding, BACA, Anand
14.1.3.2	Effect of growing methods on seed yield and quality in Bottle gourd [<i>Lagenaria siceraria</i> (Molina) Standl] GABGH-1.	CI/ Seed Science & Technology /2018/01	Prof. & Head, Dept. of Seed Science & Tech., BACA, AAU, Anand
14.1.3.3	Differential expression studies of genes related to germinability and viability in artificially aged onion seeds.	CI/ Seed Science & Technology /2018/02	Prof. & Head, Dept. of Seed Science & Tech., BACA, AAU, Anand
14.1.3.4	Assessment of seed viability vigour and associated characters using genomic tools in wheat (<i>Triticum aestivum</i>) under salt stress condition.	CI/ Seed Science & Technology /2018/03	Prof. & Head, Dept. of Seed Science & Tech., BACA, AAU, Anand
14.1.3.5	Study on the effect of storage container, polymer film coating, fungicide and insecticides on storability of green gram.	CI/ Seed Science & Technology /2018/04	Prof. & Head, Dept. of Seed Science & Tech., BACA, AAU, Anand
14.1.3.6	Evaluation of early maturing Isabgol genotypes	CI/M&APRS/2018/01	Associate Res. Sci., Medicinal and Aromatic Plants Res. Station, AAU, Anand
14.1.3.7	Induction of mutation through physical and chemical mutagens in cluster bean [<i>Cyamopsis tetragonoloba</i> (L.) Taub.] for vegetable purpose	CI/MVRS/2018/01	Research Scientist, Main Vegetable Research Station, AAU, Anand
14.1.3.8	Induction of mutation through physical and chemical mutagens in garlic (<i>Allium sativum</i> L.)	CI/MVRS/2018/02	Research Scientist, Main Vegetable Research Station, AAU, Anand
14.1.3.9	Identification of suitable chickpea genotypes for dry seed as well as green pod yield purposes.	CI/PRS, Vadodara/2018/01	Research Scientist, Pulse Research Station, AAU, Model Farm, Vadodara

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
14.1.3.10	Identification of desirable mutants in black gram	CI/PRS, Vadodara/2018/02	Research Scientist, Pulse Research Station, AAU, Model Farm, Vadodara
14.1.3.11	Effect of Gamma rays induced mutation in castor (<i>Ricinus communis</i> L.)	CI/RRS, Anand/2018/01	Research Scientist, Regional Research Station, AAU, Anand
14.1.3.12	Creation of genetic variability through physical mutagen in GCr-2 and GCr-3 cultivars of coriander (<i>Coriandrum sativum</i> L.)	CI/CSSRS, Sanand/2018/01	Assoc. Res. Scientist, Castor and Seed Spices Res. Station , AAU, Sanand
14.1.3.13	Creation of genetic variability through physical mutagen in SC-5 and GC-4 cultivars of cumin (<i>Cuminum cyminum</i> L.).	CI/CSSRS, Sanand/2018/02	Assoc. Res. Scientist, Castor and Seed Spices Res. Station , AAU, Sanand
14.1.3.14	Evaluation of banana genotypes for yield and quality traits	CI/CoA, Jabugam/2018/01	Principal, College of Agriculture, AAU, Jabugam
14.1.3.15	Induced Mutagenesis in banana for yield and quality traits.	CI/CoA, Jabugam/2018/02	Principal, College of Agriculture, AAU, Jabugam
14.1.3.16	Induction of variability in peacock flower [<i>Caesalpinia pulcherrima</i> (L.) Suv.] by mutation	CI / Horticulture/2018/01	Prof. & Head, Dept. of Hort. BACA, AAU, Anand
14.1.3.17	Mutagenesis in marigold (<i>Tagetes</i> sp.)	CI / Horticulture/2018/02	Prof. & Head, Dept. of Hort. BACA, AAU, Anand
14.1.3.18	Evaluation of different chrysanthemum varieties for growth, flowering and flower yield under middle Gujarat condition	CI / Horticulture/2018/03	Prof. & Head, Dept. of Hort. BACA, AAU, Anand
14.1.3.19	Induction of mutation in rose and lily	CI/CoH, Anand/2018/01	Principal, College of Horticulture, AAU, Anand
14.1.3.20	Development of male sterile line in castor through intergeneric hybridization in castor and jatropha.	CI/Ag. Biotech, Anand/2018/01	Assoc. Research Scientist, Distant Hybridization, Dept. of Agril. Biotechnology, AAU, Anand
14.1.3.21	Development of early maturing, short/medium stature high yielding mutants in aromatic rice	CI/MRRS,Nawagam/2018/01	Research Scientist (Rice), Main Rice Research Station, AAU, Nawagam
14.2 Crop Production			
14.2.3.1	Nutrient management through organic sources in amaranth (Rajgira)	CP/Agronomy/2018/01	Prof. & Head, Dept. of Agronomy, BACA, AAU, Anand
14.2.3.2	Nutrient management through organic sources in chickpea	CP/Agronomy/2018/02	Prof. & Head, Dept. of Agronomy, BACA, AAU, Anand

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
14.2.3.3	Evaluation of nutrient composition of bacterial biodegraded crop residues	CP/Agronomy/2018/03	Prof. & Head, Dept. of Agronomy, BACA, AAU, Anand
14.2.3.4	Nutrient management in sweet corn-onion-green gram cropping sequence by sequential application of liquid biofertilizer and natural minerals	CP/Microbiology/2018/01	Research Scientist & Head, Dept of Microbiology, BACA, Anand
14.2.3.5	Field performance of promising <i>Rhizobium</i> cultures on green gram cv. GAM 5	CP/Microbiology/2018/02	Research Scientist & Head, Dept of Microbiology, BACA, Anand
14.2.3.6	Field performance of promising <i>Rhizobium</i> cultures on pigeon pea cv. AGT 2	CP/Microbiology/2018/03	Research Scientist & Head, Dept of Microbiology, BACA, Anand
14.2.3.7	Response of nitrogen application by different varieties of marvel grass	CP/MFRS/2018/01	Research Scientist, Main Forage Research Station, AAU, Anand
14.2.3.8	Performance of dual purpose barley under different nitrogen levels and cutting management	CP/MFRS/2018/02	Research Scientist, Main Forage Research Station, AAU, Anand
14.2.3.9	Isolation, characterization and <i>in vitro</i> efficacy of native weed biomass degrading microorganisms	Not Approved	Agronomist & PI, AICRP-Weed Management, BACA, AAU, Anand
14.2.3.10	Feasibility of zero tillage in rice-wheat cropping system under middle Gujarat conditions	CP/RRS/2018/01	Research Scientist, RRS, AAU, Anand
14.2.3.11	Effect of transplanting date on yield and insect-pest incidence in calcutti tobacco (<i>Nicotiana rustica</i> L.) varieties	CP/BTRS/2018/01	Research Scientist, BTRS, AAU, Anand
14.2.3.12	Effect of different organic manures and Bio NPK consortium on yield and quality of <i>Asalio</i> (<i>Lepidium sativum</i> L.)	CP/M&APRS/2018/01	Associate Research Scientist, M&APRS, AAU, Anand
14.2.3.13	Effect of organic manure, Bio NPK consortium and chemical fertilizer on yield of hybrid maize (<i>Zea mays</i> L.) in <i>kharif</i> season	CP/MMRS, Godhra/2018/01	Associate Research Scientist, Main Maize Research Station, AAU, Godhra
14.2.3.14	Effect of nitrogen levels and seed rate on growth and yield of durum wheat (GADW 3) under <i>Bhal</i> region	CP/ARS, Dhandhuka & ARS, Arnej /2018/01	Asstt. Res. Sci., ARS, AAU, Dhandhuka and Assoc. Res. Scientist, Agricultural Research Station, AAU, Arnej
14.2.3.15	Effects of macro and micronutrients on <i>Bt</i> cotton grown on heavy black soil of middle Gujarat	CP/NIRP, Khandha /2018/01	Asstt. Research Scientist, Narmada Irrigation Res. Project, AAU, Khandha
14.2.3.16	Assessment of organically managed pigeon pea based cropping sequence	CP/PRS, Vadodara/2018/01	Research Scientist, Pulse Research Station, Model Farm, AAU, Vadodara

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
14.2.3.17	Nutrient management through organic sources in summer black gram	CP/ PRS, Vadodara/2018/02	Research Scientist, Pulse Research Station, Model Farm, AAU, Vadodara
14.2.3.18	Integrated nutrient management in summer green gram (<i>Vigna radiata</i> L.)	CP/ TRTC, Devgadh Baria /2018/01	Research Scientist, Tribal Research cum Training Centre, AAU, Devgadh Baria
14.2.3.19	Effect of dates of sowing and irrigation scheduling at critical growth stages on sesamum	CP/CoA, Jabugam/2018/01	Principal, College of Agriculture, AAU, Jabugam
14.2.3.20	Economic feasibility of cotton based cropping sequences (summer) under middle Gujarat conditions (Tribal area)	CP/CoA, Jabugam/2018/02	Principal, College of Agriculture, AAU, Jabugam
14.2.3.21	Effect of varieties, seed soaking and sowing dates for late sown wheat crop	CP/KVK, Devataj/2018/01	Senior Scientist & Head, Krushi Vigyan Kendra, AAU, Devataj
14.2.3.22	Nutrient management through organic sources in chickpea in <i>Bhal</i> region	CP/ ARS, Arnej /2018/01	Associate Research Scientist, ARS, AAU, Arnej
14.2.3.23	Effect of different multi-micronutrient mixture grade application on growth, yield and quality of chickpea under unirrigated conditions in <i>Bhal</i> region	CP/ ARS, Arnej /2018/02	Associate Research Scientist, ARS, AAU, Arnej
14.2.3.24	Effect of different sources and levels of sulphur on growth, yield and quality of dill seed under restricted irrigation in <i>Bhal</i> region	CP/ ARS, Arnej /2018/03	Associate Research Scientist, ARS, AAU, Arnej
14.2.3.25	Effect of nitrogen, phosphorus and Bio fertilizer on growth and yield of chickpea under restricted irrigation in <i>Bhal</i> region	CP/ ARS, Arnej /2018/04	Associate Research Scientist, ARS, AAU, Arnej
14.2.3.26	Effect of foliar application of organic and inorganic nutrient sources on growth, yield and quality of green gram (<i>Vigna radiata</i> L.)	CP/ ARS, Derol /2018/01	Associate Research Scientist, Agricultural Research Station, AAU, Derol
14.2.3.27	Effect of foliar application of organic and inorganic nutrient sources on growth, yield and quality of black gram (<i>Vigna mungo</i> L.)	CP/ ARS, Derol /2018/02	Associate Research Scientist, Agricultural Research Station, AAU, Derol
14.2.3.28	Effect of transplanting time and nitrogen levels on different varieties of paddy (<i>Oryza sativa</i> L.)	CP/ ARS, Thasra/2018/01	Associate Research Scientist, Agril. Res. Station for Irrigated Crops, AAU, Thasra
14.2.3.29	Nursery management in summer rice	CP/MRRS, Nawagam /2018/01	Research Scientist, Main Rice Research Station, AAU, Nawagam
14.2.3.30	Integrated nutrient management in rice under middle Gujarat	CP/MRRS, Nawagam /2018/02	Research Scientist, Main Rice Research Station, AAU, Nawagam
14.2.3.31	Integrated nutrient management for rice and residual wheat	CP/MRRS, Nawagam	Research Scientist, Main Rice

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
	crop sequence	/2018/03	Research Station, AAU, Nawagam
14.2.3.32	Feasibility of wheat intensification system in middle Gujarat agro-climatic conditions	CP/KVK, Dahod/2018/01	Senior Scientist & Head, Krushi Vigyan Kendra, AAU, Dahod
14.2.3.33	Feasibility of chickpea intensification system in middle Gujarat agro-climatic conditions	CP/KVK, Dahod/2018/02	Senior Scientist & Head, Krushi Vigyan Kendra, AAU, Dahod
14.2.3.34	Effect of organic manure, Bio NPK consortium and chemical fertilizer on yield of hybrid maize (<i>Zea mays</i> L.) in <i>rabi</i> season	CP/MMRS, Godhra/2018/02	Associate Research Scientist, Main Maize Research Station, AAU, Godhra
14.3 Plant Protection			
I. Agril Entomology			
14.3.3.1	Biorational management of mango hoppers	PP/Entomology/2018/01	Professor and Head, Department of Entomology, BACA, AAU, Anand
14.3.3.2	Evaluation of insecticides against leaf eating caterpillar in drumstick	PP/Entomology/2018/02	Professor and Head, Department of Entomology, BACA, AAU, Anand
14.3.3.3	Bio-efficacy of botanicals against aphids on coriander	PP/Entomology/2018/03	Professor and Head, Department of Entomology, BACA, AAU, Anand
14.3.3.4	Efficacy of biocontrol agents for the management of fruit borer <i>Earias vittella</i> on bhendi (okra)	PP/Biological Control /2018/01	Principal Res. Sci., AICRP on Biological control, AAU, Anand
14.3.3.5	Assessment of bird population in different habitats of agricultural ecosystem	PP/Ornithology/2018/01	Asso. Res. Sci. (Ornitho.), AINP on VPM: Agril. Ornithology, AAU, Anand
14.3.3.6	Assessment of Rose-Ringed Parakeet (<i>Psittacula krameri</i>) depredations to guava fruits	PP/Ornithology/2018/02	Asso. Res. Sci. (Ornitho.), AINP on VPM: Agril. Ornithology, AAU, Anand
14.3.3.7	Role of insectivorous birds in suppression of <i>Helicoverpa armigera</i> in tomato	PP/Ornithology/2018/03	Asso. Res. Sci. (Ornitho.), AINP on VPM: Agril. Ornithology, AAU, Anand
14.3.3.8	Studies of community structure of birds in wheat-bajra agro ecosystem	PP/Ornithology/2018/04	Asso. Res. Sci. (Ornitho.), AINP on VPM: Agril. Ornithology, AAU, Anand
14.3.3.9	Effect of ozone on degradation of pesticides in water	PP/Pesticide Residues /2018/01	Residue Analyst, AINP on Pesticide Residues, AAU, Anand
14.3.3.10	Establishment of processing factors for different pesticides in chilli	PP/Pesticide Residues /2018/02	Residue Analyst, AINP on Pesticide Residues, AAU, Anand
14.3.3.11	Bio-efficacy of ready-mix insecticides against pest	PP/MVRS (Ento.) /2018/01	Assistant Research Scientist

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
	complex of Indian bean, <i>Lablab purpureus</i> (L.) Walp.		(Ento), MVRS, AAU, Anand
14.3.3.12	Evaluation of insecticides against aphid infesting chrysanthemum	PP/CoH (Ento.)/2018/01	Assistant Professor (Ento.), College of Horticulture, AAU, Anand
14.3.3.13	Evaluation of insecticides against <i>Callosobruchus maculatus</i> (Fabricius) infesting green gram seed during storage	PP/RRS (Ento.)/2018/01	Assistant Research Scientist (Ento.), RRS, AAU, Anand
14.3.3.14	Evaluation of insecticides against plant hoppers infesting rice	PP/MRRS (Ento.) /2018/01	Asstt. Res. Scientist (Ento.), Main Rice Research Station, Nawagam
14.3.3.15	Screening of pigeonpea genotypes against sterility mosaic disease	PP/PRS (Ento.)/2018/01	Research Scientist (Ento.), Pulse Research Station, Vadodara
14.3.3.16	Efficacy of different botanicals against pod borer complex in pigeonpea	PP/ARS, Derol (Ento.) /2018/01	Asstt. Research Scientist (Ento.) Agril. Res. Station, AAU, Derol
14.3.3.17	Effect of different organic manures on incidence of gram pod borer, <i>Helicoverpa armigera</i> (Hubner) Hardwick infesting chickpea under <i>Bhal</i> region	PP/ARS, Arnej (Ento.) /2018/01	Associate Research Scientist, Agricultural Res. Station, AAU, Arnej
14.3.3.18	Management of melon fruit fly, <i>Bactocera cucurbitae</i> infesting cucumber in river-bed area of Orsang	PP/CoA, Jabugam (Ento.) /2018/01	Asstt. Professor (Ento.), College of Agriculture, AAU, Jabugam
14.3.3.19	Integrated pest management in soybean	PP/TRTC, Devagadh Baria (Ento.) /2018/01	Training Associate (Ento.), TRTC, Devgadh Baria
14.3.3.20	Evaluation of insecticides for the control of lepidopteran pests of rice	PP/ARS, Sansoli (Ento.) /2018/01	Asstt. Res. Scientist (Ento.), Agril. Res. Station, AAU, Sansoli
II. Plant Pathology and Nematology			
14.3.3.21	Evaluation of fungicides for the management of anthracnose in green gram	PP/Pathology /2018/01	Prof. & Head, Dept. of Plant Pathology, BACA, AAU, Anand
14.3.3.22	Management of tikka disease of groundnut through fungicides	PP/Pathology /2018/02	Prof. & Head, Dept. of Plant Pathology, BACA, AAU, Anand
14.3.3.23	Bio-efficacy of botanicals against Powdery mildew of fenugreek	PP/CoH (Patho.) /2018/01	Asst. Prof. (Pl.Patho.), College of Horticulture, AAU, Anand
14.3.3.24	Rotational study with resistant bidi tobacco to manage root-knot disease	PP/BTRS (Patho.) /2018/01	Research Scientist (Plant Pathology), BTRS, AAU, Anand
14.3.3.25	Efficacy of fungicides in management of charcoal rot (<i>Macrophomina phaseolina</i>) disease of maize	PP/MMRS, Godhra (Patho.) /2018/01	Asstt. Res. Scientist (Plant Pathology), Main Maize Research Station, AAU, Godhara
14.3.3.26	Effects of biocontrol agent and fungicide on soft rot of ginger	PP/HMRS, Dahod (Patho.)/2018/01	Asstt. Res. Scientist (Plant Pathology), Hill Millets Research Station, AAU, Dahod
14.3.3.27	Effects of planting dates on soft rot of ginger	PP/HMRS, Dahod	Asstt. Res. Scientist (Plant

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
		(Patho.)/2018/02	Pathology), Hill Millets Research Station, AAU, Dahod
14.3.3.28	Management of powdery mildew and <i>Cercospora</i> leaf spot in black gram	PP/CoA, Jabugam (Patho.) /2018/01	Asstt. Prof. (Plant Pathology), College of Agriculture, AAU, Jabugam
14.4 Horticulture and Agro Forestry			
14.4.3.1	Study on intercropping in aonla base cropping system	CP/Horticulture/2018/01	Professor & Head, Department of Horticulture, BACA, AAU, Anand
14.4.3.2	Effect of planting time and spacing on growth and flower yield in <i>gaillardia</i> cv. Local	CP/Horticulture/2018/02	Professor & Head, Department of Horticulture, BACA, AAU, Anand
14.4.3.3	Nutrient management through organics in broccoli (<i>Brassica oleracea</i> var. <i>italica</i> L.)	CP/CoH, Anand /2018/01	Principal, College of Horticulture (Wing), AAU, Anand
14.4.3.4	Nutrient management through organic sources in vegetable Cluster bean cv. Pusa Navbahar	CP/ MVRS (Horti) /2018/01	Research Scientist, Main Vegetable Research Station, AAU, Anand
14.4.3.5	Effect of different thickness and level of IBA on hard wood cutting for multiplication of drumstick	CP/ Poly tech(Horti.), Vadodara/2018/01	Principal, Polytechnic in Horticulture, Model Farm, AAU, Vadodara
14.4.3.6	Effect of height of heading back and time of pruning on growth, flowering, yield and quality in old orchard of Aonla cv. Gujarat Aonla 1	CP/ Poly tech(Horti.), Vadodara/2018/02	Principal, Polytechnic in Horticulture, Model Farm, AAU, Vadodara
14.4.3.7	Effect of pruning time and level of pruning in <i>mogra</i> (<i>Jasminum sambac</i>) var. Local	CP/ Poly tech(Horti.), Vadodara/2018/03	Principal, Polytechnic in Horticulture, Model Farm, AAU, Vadodara
14.4.3.8	Optimization of NPK requirement for growth and curd yield of broccoli (<i>Brassica oleracea</i> var. <i>italica</i> L.) under Middle Gujarat condition	CP/CoA, Vaso (Horti.), /2018/01	Prof. & Head, Dept. of Horticulture, College of Agriculture, AAU, Vaso
14.4.3.9	Effect of fertigation levels and its frequency on production of banana	CP/CoA, Jabugam (Horti.) /2018/01	Principal, Agricultural Research Station, COA, AAU, Jabugam
14.4.3.10	Effect of rooting media on propagation through herbaceous shoot tip cutting of African marigold (<i>Tagetes erecta</i> L.) cv. Calcutta selection under net house	CP/KVK, Devataj (Horti.) /2018/01	Senior Scientist & Head, Krushi Vigyan Kendra, AAU, Devataj
14.4.3.11	Efficacy of fertigation on yield, chemical composition and nutrients availability in root zone of cabbage	CP/ ARS, Thasra (Horti.) /2018/01	Assoc. Res. Sci, Agricultural Res. Station for Irrigated Crops, AAU, Thasra
14.5 Agricultural Engineering, Agricultural Information Technology, Dairy Science and FPT&BE			
14.5.3.1	Quality assessment of water samples (pre and post monsoon season) of open wells of CAET campus	AE·AIT/ AE /2018/01	Principal, College of Agril. Engg. & Tech. , AAU, Godhra

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14.5.3.2	Design and development of reciprocating sprayer	AE·AIT/ AE /2018/02	Principal, College of Agril. Engg. & Tech. , AAU, Godhra
14.5.3.3	Online Leave Management System	AE·AIT/ AE /2018/03	Principal, College of Agril. Engg. & Tech. , AAU, Godhra
14.5.3.4	Estimation of evapotranspiration using MODIS and Landsat-8 dataset in a selected semi-arid region of middle Gujarat.	AE·AIT/ AE/2018/04	Principal, College of Agril. Engg. & Tech. , AAU, Godhra
14.5.3.5	Biomass combustor based drying system for beetroot (<i>Beta vulgaris L.</i>) and tomatoes (<i>Lycopersicum esculentum</i>) drying	AE·AIT/ AE/2018/05	Principal, College of Agril. Engg. & Tech. , AAU, Godhra
14.5.3.6	Development of solar assisted power source/vehicle for various farm operations	Not approved	Principal, Polytechnic in Agril. Engg., AAU, Dahod
14.5.3.7	Evaluation of different seedbed practices for wheat crop in Bhal agro climatic condition	AE·AIT/ KVK, Arnej /2018/01	Senior Scientist & Head, KVK, AAU, Arnej
14.5.3.8	Microsoft Office Word and Power Point Add-in for managing various built in templates of AAU	AE·AIT/ DIT /2018/01	Director, IT, DIT, AAU, Anand
14.5.3.9	Student Information Management System (SIMS) for School of Bakery	AE·AIT/ AIT /2018/01	Principal, College of Agril. Information Tech., AAU, Anand
14.5.3.10	Asset Mapping of Anand Agricultural University (Geo-tagging)	AE·AIT/ AIT /2018/02	Principal, College of Agril. Information Tech., AAU, Anand
14.5.3.11	Effect of magnetic field on germination and seedling growth of onion	AE·AIT/ AIT /2018/03	Principal, College of Agril. Information Tech., AAU, Anand
14.5.3.12	Effect of magnetic field on germination and seedling growth of cumin	AE·AIT/ AIT /2018/04	Principal, College of Agril. Information Tech., AAU, Anand
14.5.3.13	Evaluating mango leather as a natural adjunct flavouring for 'Mango Tid-bit ice cream'	DS·FPT/Dairy Technology, /2018/01	Prof. & Head, Dept. of Dairy Technology, DSC, AAU, Anand
14.5.3.14	Technology for manufacture of milk based multigrain <i>Ladoo</i>	DS·FPT/Dairy Technology, /2018/02	Prof. & Head, Dept. of Dairy Technology, DSC, AAU, Anand
14.5.3.15	Process Optimization for Manufacture of Ready-To Reconstitute <i>Kheer</i>	DS·FPT/Dairy Technology, /2018/03	Prof. & Head, Dept. of Dairy Technology, DSC, AAU, Anand
14.5.3.16	Technology for manufacture of carrot <i>Kheer</i>	DS·FPT/Dairy Technology, /2018/04	Prof. & Head, Dept. of Dairy Technology, DSC, AAU, Anand
14.5.3.17	Development of nitrogen distribution based approach to detect adulteration of milk with non-protein nitrogenous compounds	DS·FPT/Dairy Chemistry /2018/01	Prof. & Head, Dept. of Dairy Chemistry, AAU, Anand
14.5.3.18	Evaluation of selected herbs as natural antioxidant for ghee	DS·FPT/Dairy Chemistry /2018/02	Prof. & Head, Dept. of Dairy Chemistry, AAU, Anand
14.5.3.19	Evaluating selected spices for extending shelf life of	DS·FPT/Dairy Chemistry	Prof. & Head, Dept. of Dairy

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
	cultured butter milk	/2018/03	Chemistry, AAU, Anand
14.5.3.20	Utilization of whey in common bakery products	DS·FPT/Dairy Chemistry /2018/04	Prof. & Head, Dept. of Dairy Chemistry, AAU, Anand
14.5.3.21	Isolation and Purification of ACE-inhibitory peptides derived from fermented Goat Milk	DS·FPT/Dairy Microbiology /2018/01	Prof. & Head, Dept. of Dairy Microbiology, DSC, AAU, Anand
14.5.3.22	Development of ready to reconstitute coffee powder	DS·FPT/Dairy Engineering /2018/01	Prof. & Head, Dept. of Dairy Engineering, DSC, AAU, Anand
14.5.3.23	Technology for manufacture of extended shelf-life Dietetic <i>Basundi</i>	DS·FPT/Dairy Technology, /2018/05	Prof. & Head, Dept. of Dairy Technology, DSC, AAU, Anand
14.5.3.24	Effect of gamma radiation on peanut storage and its oil quality	DS·FPT/FE, FPT&BE/2018/01	Prof. & Head, Dept. of Food Engineering, FPT & BE, AAU, Anand
14.5.3.25	Production technology for clarified wood apple juice	DS·FPT/FPT, FPT&BE/2018/01	Prof. & Head, Dept. of Food Process. Tech., AAU, Anand
14.5.3.26	Development of fruit beverage with lactose hydrolyzed milk solids	DS·FPT/FPT, FPT&BE/2018/02	Prof. & Head, Dept. of Food Process. Tech., AAU, Anand
14.5.3.27	Technology for production of Indian gooseberry (Aonla) murabba	DS·FPT/FPT, FPT&BE/2018/03	Prof. & Head, Dept. of Food Process. Tech., AAU, Anand
14.5.3.28	Development of production technology for vegetable based juice from carrot and tomato	DS·FPT/FPT, FPT&BE/2018/04	Prof. & Head, Dept. of Food Process. Tech., AAU, Anand
14.5.3.29	Evaluation of combined effect of gamma irradiation and edible coating on shelf-life of sapota fruit	DS·FPT/FQA, FPT&BE/2018/01	Prof. & Head, Dept. of Food Quality Assurance, FPT & BE, AAU, Anand
14.5.3.30	Performance evaluation and optimization of feed forward neural network for detection of palm oil adulteration in groundnut oil using FTIR spectra	DS·FPT/FQA, FPT&BE/2018/02	Prof. & Head, Dept. of Food Quality Assurance, FPT & BE, AAU, Anand
14.5.3.31	Study on co-digestion of potato processing effluent with cattle dung for biogas production.	DS·FPT/BE, FPT&BE/2018/01	Prof. & Head, Dept. of Bio Energy, FPT & BE, AAU, Anand
14.5.3.32	Evaluation of quality of silver foil used on sweets in rural area	DS·FPT/FQA, FPT&BE/2018/03	Prof. & Head, Dept. of Food Quality Assurance, FPT & BE, AAU, Anand
14.5.3.33	Development of high fiber bakery products viz. bun, cookie, bread and cake using <i>Madhuka indica</i> flowers	DS·FPT/FSHE (Poly.) /2018/01	Principal, Polytechnic Food Science and Home Economics, AAU, Anand
14.5.3.34	Development of high fiber Cookies using Tomato pomace	DS·FPT/FSHE (Poly.) /2018/02	Principal, Polytechnic Food Science and Home Economics, AAU, Anand
13.6 Social Science			
14.6.3.1	An economic analysis of turmeric production in middle	SS/Ag. Econ/2018/01	Professor & Head, Dept. of Agril.

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
	Gujarat: a comparative study of processed and non-processed		Economics, BACA, AAU, Anand
14.6.3.2	Growth and prospects of export of groundnut, sesame and castor from India	SS/Ag. Econ/2018/02	Professor & Head, Dept. of Agril. Economics, BACA, AAU, Anand
14.6.3.3	An economic evaluation of brinjal cultivation in Anand district	SS/Ag. Econ/2018/03	Professor & Head, Dept. of Agril. Economics, BACA, AAU, Anand
14.6.3.4	Economics of solar pump irrigation system in Dahod District – A pilot study	SS/CoH(Econ.)/2018/01	Principal, College of Horticulture, AAU, Anand
14.6.3.5	Marketing of rose and marigold in Anand District	SS/CoH(Econ.)/2018/01	Principal, College of Horticulture, AAU, Anand
14.6.3.6	Role of National Agricultural Market in Enhancing Farmers' Income in Gujarat	SS/ IABMI(ABE&P)/2018/01	Professor & Head, ABE&P, IABMI, AAU, Anand
14.6.3.7	A study on capital structure analysis of food processing industry in India	SS/ IABMI(FM)/2018/01	Asst. Professor & Head, Financial Management, IABMI, AAU, Anand
14.6.3.8	Profitability analysis of backyard poultry farming	SS/ IABMI(ABE&P)/2018/02	Professor & Head, ABE&P, IABMI, AAU, Anand
14.6.3.9	Current status, prospects and problems of potato processing industries in Gujarat	SS/ IABMI(HRD&PM) /2018 /01	Assoc. Professor & Head, HRD & PM, IABMI, AAU, Anand
14.6.3.10	A study on working capital management in cooperative dairies of Gujarat state	SS/DBM/2018/01	Assoc. Professor & Head, Dept. of DBM, Dairy Sci. College, AAU, Anand
14.6.3.11	AICT awareness among the participants of training programme of Pashu Vigyan Kendra	SS/DBM/2018/02	Assoc. Professor & Head, Dept. of DBM, Dairy Sci. College, AAU, Anand
14.6.3.12	A study of problems and prospects of entrepreneurship development through Students Start-up and Innovation Policy	SS/FPT/2018/01	Assoc. Professor & Head, FBM, College of FPT&BE, AAU, Anand
14.6.3.13	Comparison of Statistical models for forecasting area, production and productivity of major fruit crops in Gujarat	SS/ CoH(Stat.)/2018/01	Principal, Horticulture College, AAU, Anand
14.6.3.14	Study of exposure, perception and advantages realized about weather based agro-advisory services by selected farmers of Anand district	SS/ Ag. Met./2018/01	Professor & Head, Dept. of Agril. Meteorology, BACA, Anand
14.6.3.15	Development and standardization of a test to measure level of knowledge of women about Kitchen Gardening	SS/ Ext. Edu/2018/01	Professor & Head, Dept. of Ext. Edn., BACA, AAU, Anand
14.6.3.16	Determinants to avoid farming as a profession	SS/ Ext. Edu/2018/02	Professor & Head, Dept. of Ext. Edn., BACA, AAU, Anand
14.6.3.17	Yoga inclination of students studying in final year of B. Sc.	SS/ Ext. Edu/2018/03	Professor & Head, Dept. of Ext.

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
	(Agri.) of AAU		Edn., BACA, AAU, Anand
14.6.3.18	A study on communication behaviour of extension personnel	SS/ EEI /2018/01	Director, EEI, AAU, Anand
14.6.3.19	Attitude of extension functionaries towards organic farming	SS/ EEI /2018/02	Director, EEI, AAU, Anand
14.6.3.20	Effectiveness of training programmes conducted by EEI, Anand during the year 2018-19 in terms of gain in knowledge	SS/ EEI /2018/03	Director, EEI, AAU, Anand
14.6.3.21	Usefulness of certificate course for input dealers in agricultural extension services organized by AAU, Anand	SS/ DoEE(SSK)/2018/01	Asstt. Ext. Edu., SSK, Director of Extension Education, AAU, Anand
14.6.3.22	Effectiveness of training for promoting integrated pest management	SS/ DoEE /2018/01	Director of Extension Education, & Director, EEI, AAU, Anand
14.6.3.23	Effectiveness of training for promoting integrated weed management	SS/ DoEE /2018/02	Director of Extension Education, & Director, EEI, AAU, Anand
14.6.3.24	Role of Self Help Groups for empowerment of women in Chhotaudepur district	SS/ CoA, Jabugam /2018/01	Principal, College of Agri., AAU, Jabugam
14.6.3.25	Knowledge and adoption of cotton growers about Integrated Pest Management practices in Chhotaudepur District	SS/ CoA, Jabugam /2018/02	Principal, College of Agri., AAU, Jabugam
14.6.3.26	Awareness of buffalo owners about causes of infertility in buffalo in Anand taluka	SS/ Ext. Edu, Veterinary /2018/01	Assoc. Professor & Head, Dept. of Veterinary Ext., Veterinary Sci. College, AAU, Anand
14.6.3.27	Participation of farmwoman in decision making process with respect to animal husbandry practices in Vaso taluka of Kheda District	SS/ CoA, Vaso/ 2018/01	Principal, Agriculture College, AAU, Vaso
14.6.3.28	Adoption of plant protection measures in paddy by paddy growers	SS/ CoA, Vaso/ 2018/02	Principal, Agriculture College, AAU, Vaso
14.6.3.29	Women's empowerment and nutritional status of their children in Dholka and Anand taluka	SS/PFSHE/2018/01	Principal, Polytechnic in Food Science & Home Economics, AAU, Anand
14.6.3.30	Perception of farmers about the technological traits of moong cultivar GAM-5 (Anubhav Brand Seed) of AAU	SS/ RRS /2018/01	Assistant Research Scientist, Regional Research Station, AAU, Anand
14.6.3.31	Knowledge of livestock owners regarding artificial insemination in milch animals	SS/ Horti.(Poly.), Vadodara /2018/01	Principal, Polytechnic in Horticulture, AAU, Vadodara
14.6.3.32	Knowledge and adoption of recommended scientific practices of castor growers about castor cultivation in Panchmahals district	SS/ ARS, Derol/2018/01	Assoc. Research Sci. & Head, ARS, AAU, Derol

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
14.6.3.33	Awareness of maize growers regarding late wilt disease in maize	SS/ MMRS, Godhra/2018/01	Associate Research Scientist, Main Maize Research Station, AAU, Godhra
14.6.3.34	Impact of Frontline Demonstration on maize growers of Panchmahals District	SS/ MMRS, Godhra/2018/02	Associate Research Scientist, Main Maize Research Station, AAU, Godhra
14.6.3.35	Adoption of no-cost and low cost technology of animal husbandry by the farmers of Ahmedabad district	SS/KVK, Arnej /2018/01	Senior Scientist & Head, KVK, AAU, Arnej
14.6.3.36	Study on existing feeding practices adopted for dairy animals by the farmers	SS/KVK, Devataj /2018/01	Senior Scientist & Head, KVK, AAU, Devataj
14.6.3.37	Training needs of tribal farmwomen in relation to improved animal husbandry practices in Chhotaudepur district of Gujarat	SS/ KVK, Mangal Bharati /2018/01	Senior Scientist & Head, KVK, Mangalbharti
14.6.3.38	Study on knowledge and adoption of recommended production technology among castor growers of Kheda district.	SS/ KVK, Dethali/2018/01	Senior Scientist & Head, KVK, Gujarat Vidhyapith, Dethali
14.6.3.39	A study on adoption of recommended wheat production technology by wheat growers in selected villages where seed village programme was implemented	SS/ KVK, Dahod /2018/01	Senior Scientist & Head, KVK, AAU, Dahod
14.6.3.40	A study on adoption of recommended soybean production technology by soybean growers in selected villages where seed village programme was implemented	SS/ KVK, Dahod /2018/02	Senior Scientist & Head, KVK, AAU, Dahod
14.6.3.41	A study on adoption of recommended gram production technology by gram growers in selected villages where seed village programme was implemented	SS/ KVK, Dahod /2018/03	Senior Scientist & Head, KVK, AAU, Dahod
14.6.3.42	Knowledge possessed by the cattle owners about improved animal husbandry practices in Dahod district	SS/ KVK, Dahod /2018/04	Senior Scientist & Head, KVK, AAU, Dahod
14.6.3.43	Knowledge and attitude about artificial insemination in milch animals amongst the dairy farmers of Dahod district	SS/ PVK, Limkheda/2018/01	Associate Professor & Head, Pashu Vigyan Kendra, D'Baria
14.6.3.44	Knowledge of tribal farmers about vaccination in dairy animals in operational area of Pashu Vigyan Kendra	SS/ PVK, Limkheda/2018/02	Associate Professor & Head, Pashu Vigyan Kendra, D'Baria
14.6.3.45	Knowledge of dairy farmers about Brucellosis in operational area of Dairy Vigyan Kendra, Vejalpur	SS/ DVK, Vejalpur/2018/01	Associate Professor, Dairy Vigyan Kendra, AAU, Vejalpur
14.6.3.46	A study on use of ICT tools by the farmers of Kheda district	SS/ FTTC, Sansoli/2018/01	Assistant Ext. Edu. & Head, FTTC, Nenpur- Sansoli
14.6.3.47	Awareness of farmers regarding soft rot disease of ginger	SS/ TRTC, Devgadhi Baria	Training Organizer, TRTC &

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
	in Dahod district	/2018/01	TFWTC, AAU, Devgadbaria
14.6.3.48	Awareness of farmers regarding girdle beetle of soybean in Dahod district	SS/ TRTC, Devgadh Baria /2018/02	Training Organizer, TRTC & TFWTC, AAU, Devgadbaria
14.7 Basic Science			
14.7.3.1	Standardization of soil less culture in <i>Stevia rebaudiana</i> Bertoni	CI/M&APRS/2018/01	Assoc. Res. Sci., Medicinal and Aromatic Plants Res. Stat., AAU, Anand
14.7.3.2	Comparative field study of growth of Safed musli planting materials generated through conventional and tissue culture meth	CI/M&APRS/2018/02	Assoc. Res. Sci., Medicinal and Aromatic Plants Res. Stat., AAU, Anand
14.7.3.3	Influence of seed hardening on morph-physiological and yield on green gram (<i>Vigna radiate</i> L.)	CI/Plant Physiology/2018/01	Prof. & Head, Dept. of Plant Physiology, BACA, AAU, Anand
14.7.3.4	Marker assisted screening for sterility mosaic disease (SMD) resistance in pigeonpea [<i>Cajanus cajan</i> (L.) Millsp.].	CI/Ag. Biotech/2018/01	Prof. & Head, Department of Agricultural Biotechnology, AAU, Anand
14.7.3.5	Identification of markers associated with leaf curl virus (LCV) resistance in Chilli.	CI/Ag. Biotech/2018/02	Prof. & Head, Department of Agricultural Biotechnology, AAU, Anand
14.7.3.6	Studies on anther culture in tomato (<i>Lycopersicon esculentum</i> Mill.).	CI/Tissue Culture/2018/01	Asstt. Research Scientist, Centre for advanced research in plant Tissue culture, AAU, Anand
14.7.3.7	Green synthesis of silver nano-particles and assessment of its anti-fungal activity against early blight disease causing <i>Alternaria solani</i> in tomato.	CI/Tissue Culture/2018/02	Asstt. Research Scientist, Centre for advanced research in plant Tissue culture, AAU, Anand
14.7.3.8	Nutraceutical characterization of moringa (<i>Moringa oleifera</i>) fruit (marketable) and leaf during development.	CI/Biochemistry/2018/01	Professor & Head, Department of Biochemistry, BACA, AAU, Anand
14.7.3.9	Identification of linked markers associated with shelf life and lycopene content in tomato.	CI/Ag. Biotech/2018/03	Assoc. Res. Sci., Distant Hybridization Department of Agricultural Biotechnology, AAU, Anand
14.8 Animal Health Animal Production and Fisheries			
Animal Health			
14.8.3.1	Phytochemical screening and evaluation of antibacterial activity of aqueous, alcoholic and chloroform extracts of <i>Linum usitatissimum</i> (common flax or linseed).	AH/Pharmacology & Toxicology /2018/01	Prof. and Head, Dept. of Vet. Pharmacology & Toxicology, Veterinary College, AAU, Anand
14.8.3.2	Effect of piperine pretreatment on pharmacokinetics of gemifloxacin in layer birds	AH/Pharmacology & Toxicology /2018/02	Prof. and Head, Dept. of Vet. Pharmacology & Toxicology, Veterinary College, AAU, Anand
14.8.3.3	Abattoir studies on helminth parasites of goat (<i>Capra</i>	AH/ Vet. Parasitology	Prof. and Head, Dept. of Vet.

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
	<i>hircus</i>)	/2018/ 01	Parasitology, Veterinary College, AAU, Anand
14.8.3.4	Haemato-biochemical alterations in camel (<i>Camelus dromedaries</i>) affected with brucellosis	AH/ Vet. Medicine /2018/01	Prof. and Head, Dept. of Vet. Medicine, Veterinary College, AAU, Anand
14.8.3.5	Pathological and molecular studies on Infectious Bursal Disease (IBD) in commercial broiler flocks	AH/ Vet. Pathology /2018/01	Prof. and Head, Dept. of Vet. Pathology, Veterinary College, AAU, Anand
14.8.3.6	Pathological and molecular studies on caseous tracheo-bronchitis in broilers with special reference to Low Pathogenic Avian Influenza (H9N2), Infectious Bronchitis virus, <i>Escherichia coli</i> and Avian Mycoplasma.	AH/ Vet. Pathology /2018/02	Prof. and Head, Dept. of Vet. Pathology, Veterinary College, AAU, Anand
14.8.3.7	Prevalence of <i>Escherichia coli</i> O157:H7 in healthy / diarrhoeic cattle faeces.	AH/Vet. Microbiology /2018/01	Prof. and Head, Dept. of Vet. Microbiology, Veterinary College, AAU, Anand
14.8.3.8	Prevalence of extended spectrum beta-lactamase (ESBL) producing <i>Escherichia coli</i> and their antibacterial sensitivity patterns from poultry droppings.	AH/Vet. Microbiology /2018/02	Prof. and Head, Dept. of Vet. Microbiology, Veterinary College, AAU, Anand
14.8.3.9	Studies on haemato-biochemical and endocrinological alterations in buffaloes suffering from uterine torsion.	AH/ Gynaecology and Obstetrics /2018/01	Prof. and Head, Dept. of Gynaecology and Obstetrics, Veterinary College, AAU, Anand
14.8.3.10	Role of non-specific genital infections and its management in infertile dairy cattle	AH/ Gynaecology and Obstetrics /2018/02	Prof. and Head, Dept. of Gynaecology and Obstetrics, Veterinary College, AAU, Anand
14.8.3.11	Effect of heat stress (microclimate) on sperm production of cattle and buffalo bulls	AH/ Gynaecology and Obstetrics /2018/03	Prof. and Head, Dept. of Gynaecology and Obstetrics, Veterinary College, AAU, Anand
14.8.3.12	Effect of antioxidant Sericin in TFYG extender for improving cryo preservability of cattle and buffalo semen.	AH/ Gynaecology and Obstetrics /2018/04	Prof. and Head, Dept. of Gynaecology and Obstetrics, Veterinary College, AAU, Anand
14.8.3.13	Differential diagnosis and therapeutic management of cystic ovarian degeneration in crossbred cattle.	AH/ Gynaecology and Obstetrics /2018/05	Prof. and Head, Dept. of Gynaecology and Obstetrics, Veterinary College, AAU, Anand
14.8.3.14	Study on seroprevalence of Cysticercosis in pigs.	AH/ VPH /2018/01	Prof. and Head, Dept. of Vet. Public Health & Epidemiology, Veterinary College, AAU, Anand
14.8.3.15	Study on seroprevalence of Japanese Encephalitis in pigs by ELISA.	AH/ VPH /2018/02	Prof. and Head, Dept. of Vet. Public Health & Epidemiology, Veterinary College, AAU, Anand
14.8.3.16	Studies on surgical management of prolapse of third eyelid	AH/ Surgery & Radiology	Prof. and Head, Dept. of Vet. Surgery

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
	gland in canines.	/2018/01	& Radiology, Veterinary College, AAU, Anand
14.8.3.17	Clinical studies on different combinations of butorphanol, acepromazine and dexmedetomidine premedication along with midazolam - ketamine and propofol induction and isoflurane maintenance in dogs.	AH/ Surgery & Radiology /2018/02	Prof. and Head, Dept. of Vet. Surgery & Radiology, Veterinary College, AAU, Anand
14.8.3.18	Clinical studies on ear infections, bacteriological evaluation and therapeutic management in canines.	AH/ Clinical Complex /2018/01	Prof. & Head, Dept. of Vet. Clinical Complex, Vet. College, AAU, Anand
14.8.3.19	Studies on incidence and etiological factors associated with anaemia in goats	AH/ Clinical Complex /2018/02	Prof. & Head, Dept. of Vet. Clinical Complex, Vet. College, AAU, Anand
Animal Production and Fisheries			
14.8.3.20	The effect of feeding protected choline on milk and production efficiency in dairy cows	AP/LRS/2018/01	Res. Sci. & Head, LRS, AAU, Anand
14.8.3.21	Effect of some microclimatological changes on milk production in crossbred cows	AP/LRS/2018/02	Res. Sci. & Head, LRS, AAU, Anand
14.8.3.22	Performance of crossbred cows under different feeding Regimes	AP/LRS/2018/03	Res. Sci. & Head, LRS, AAU, Anand
14.8.3.23	Optimizing managerial factors associated with goat productivity	AP/PSK, Ramna Muvada/ 2018/01	Res. Sci. & Head, Pashupalan Sanshodhan Kendra, Ramna Muvada
14.8.3.24	Gastrointestinal parasitism in goats of Ramna Muvada farm and surrounding field areas	AP/PSK, Ramna Muvada/ 2018/02	Res. Sci. & Head, Pashupalan Sanshodhan Kendra, Ramna Muvada
14.8.3.25	Standardization of progesterone profile in blood and milk for early pregnancy diagnosis in buffaloes	AP/ RBRU /2018/01	Research Scientist & Head, RBRU, Veterinary College, AAU, Anand
14.8.3.26	Effect on SSF biomass supplementation on growth performance of crossbred calves	AP/ANRS/2018/01	Research Scientist & Head, ANRS, Veterinary College, AAU, Anand
14.8.3.27	Formulation of area specific mineral mixture for dairy animals in Chhota Udepur district	AP/ANRS/2018/02	Research Scientist & Head, ANRS, Veterinary College, AAU, Anand
14.8.3.28	Effect of tannin as phytonutrient on growth performance and health of Surti kids	AP/ANRS/2018/03	Research Scientist & Head, ANRS, Veterinary College, AAU, Anand
14.8.3.29	Methane mitigation in crossbred cows under different feeding regimes	AP/ANRS/2018/04	Research Scientist & Head, ANRS, Veterinary College, AAU, Anand
14.8.3.30	Methane mitigation in calves through dietary interventions and its effect on performance of animals	AP/ANRS/2018/05	Research Scientist & Head, ANRS, Veterinary College, AAU, Anand
14.8.3.31	Determination of optimum body weight at housing of	AP/ Poultry /2018/01	Research Scientist & Head, Poultry

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
	White Leghorn birds for obtaining maximum production performance		Research Station, Veterinary College, AAU, Anand
14.8.3.32	Study on the growth, production and carcass evaluation of Kadaknath, Rhode Island Red and their crosses	AP/ Poultry /2018/02	Research Scientist & Head, Poultry Research Station, Veterinary College, AAU, Anand
14.8.3.33	Assessing the effect of herbal material/compounds on semen quality with respect to percentage motility and viability of x- and y-bearing spermatozoa	AP/Ani. Biotech/2018/01	Professor and Head, Dept. of Animal Biotechnology, Veterinary College, AAU, Anand
14.8.3.34	Performance of indigenous goats of Gujarat State under different watering frequencies	AP/LPM /2018/01	Professor and Head, Dept. of LPM, Veterinary College, AAU, Anand
14.8.3.35	Study on performance of Holstein Friesian x Kankrej (HF X K) crossbred cows under intensive production system	AP/LPM /2018/02	Professor and Head, Dept. of LPM, Veterinary College, AAU, Anand
14.8.3.36	Assessment of the effect of temperature and time of incubation on complete blood count (CBC) tests in cattle, buffalo, sheep and goat	AP/ Vet. Physiol. & Biochem. /2018/01	Prof. & Head, Dept. of Vet. Physiol. & Biochem., Vet. Coll., AAU, Anand
14.8.3.37	Assessment of haemato-biochemical status of Surti goats during different physiological conditions	AP/Vet. Physiol. & Biochem. /2018/02	Prof. & Head, Dept. of Vet. Physiol. & Biochem., Vet. Coll., AAU, Anand
14.8.3.38	Development of flavoured milk prepared with tulsi and turmeric	AP/LPT /2018/01	Professor and Head, Dept. of Livestock Products Technology, Veterinary College, AAU, Anand
14.8.3.39	Validation of findings of nutritional status of dairy animals in Anand district	AP/KVK, Devataj/2018/01	Scientist (Animal Sci.), KVK, Devataj, AAU, Anand
14.8.3.40	Validation of findings of nutritional status of dairy animals in Ahmedabad district	AP/KVK, Arnej/2018/01	Scientist (Animal Sci.), KVK, Arnej, AAU, Anand
14.8.3.41	Validation of findings of nutritional status of cattle in Dahod district	AP/KVK, Dahod/2018/01	Scientist (Animal Sci.), KVK, Dahod, AAU, Anand
14.8.3.42	Validation of findings of nutritional status of buffaloes in Dahod district	AP/PVK, Limkheda/2018/01	Sci. (Anim. Sci.), Pashu Vigyan Kendra, Devgadhi Baria, Dist. Dahod, AAU, Anand