

## NEW TECHNICAL PROGRAMMES APPROVED IN 12<sup>TH</sup> COMBINED AGRESKO HELD AT NAU, NAVSARI (2016)

### Abbreviations

**CI : Crop Improvement**

**CP : Crop Production**

**PP : Plant Protection**

**SC : Social Sciences**

**AP : Animal Production and Fisheries**

**AH : Animal Health**

**AE-AIT : Agricultural Engineering and Agricultural**

**DS-FPT : Dairy Science and Food Processing Technology**

### Information Technology

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
<b>12.1 Crop Improvement</b>			
12.1.2.1	Validation of male sterility specific SCAR marker in early generation of <i>Gossypium herbaceum</i> .	CI/R CRS, Viramgam/2016/01	Associate Research Scientist, R CRS, AAU, Viramgam.
12.1.2.2	Characterization of <i>Deshi</i> cotton ( <i>G. herbaceum</i> ) germplasm	CI/R CRS, Viramgam/2016/02	Associate Research Scientist, R CRS, AAU, Viramgam.
12.1.2.3	Evaluation of sesame genotypes in summer season along with molecular characterisation.	CI/ Genetics & Plant Breeding / 2016/01	Professor & Head, Dept. of Genetics & Plant Breeding, BACA, Anand
<b>12.2 Crop Production</b>			
12.2.1.1	Effect of nitrogen, bio-fertilizer and plant density on yield of baby corn variety VL - 78 in <i>kharif</i> season	CP/ MMRS, Godhra /2016/01	Res. Sci., Main Maize Research Station, AAU, Godhra
12.2.1.2	Effect of nitrogen, bio-fertilizer and plant density on yield of baby corn variety VL - 78 in <i>rabi</i> season	CP/ MMRS, Godhra /2016/02	Res. Sci., Main Maize Research Station, AAU, Godhra
12.2.1.3	Effect of nitrogen levels on quality and yield of rustica tobacco varieties	CP/BTRS/2016/01	Res. Sci., Bidi Tobacco Research Station, AAU, Anand
12.2.1.4	Effect of different levels of phosphorus, potassium and sulphur on growth, yield and quality of Bt cotton (Var. G. Cot. Hy. 8, BG II) under middle Gujarat conditions	CP/ TRTC, Devgadha Baria /2016/01	Unit office, Tribal Research-cum-Training Centre, AAU, Devgadha Baria
12.2.1.5	Efficacy testing of native Rhizobium isolates in summer groundnut ( <i>Arachis hypogaea</i> )	CP/ Agri. Wing, Jabugam /2016/01	Agri. Wing, AAU, Jabugam
12.2.1.6	Screening of native Rhizobium isolates on green gram ( <i>Vigna radiata</i> L.)	CP/Microbiology/2016/01	Prof. & Head, Dept. of Microbiology, BACA, AAU, Anand

12.2.1.7	Screening of native Rhizobium isolates on pigeon pea ( <i>Cajanus cajan</i> )	CP/Microbiology/2016/02	Prof. & Head, Dept. of Microbiology, BACA, AAU, Anand
12.2.1.8	Efficacy of methylotrophic bacterial consortium on rice ( <i>Oryzae sativa</i> L.) cv. Gurjari in field	CP/Microbiology/2016/03	Prof. & Head, Dept. of Microbiology, BACA, AAU, Anand
12.2.1.9	Plant growth promoting rhizospheric potash mobilizing bacterial liquid consortium efficacy in maize ( <i>Zea mays</i> L.)	CP/Microbiology/2016/04	Prof & Head, Dept. of Microbiology, BACA, AAU, Anand
12.2.1.10	Evaluation of heavy metals tolerant native bacterial culture for bioremediation of heavy metals using multi-cut forage jowar	CP/ Micronutrients/2016/01	Associate Research Scientist, Micronutrient Research Project, AAU, Anand
12.2.1.11	Evaluation of efficacy of sulphur and zinc containing complex fertilizer for maximizing yield and quality through balanced nutrition of groundnut crop	CP/ Micronutrients/2016/02	Associate Research Scientist, Micronutrient Research Project, AAU, Anand
12.2.1.12	Evaluation of efficacy of sulphur and zinc containing complex fertilizer for maximizing yield and quality through balanced nutrition of mustard crop	CP/ Micronutrients/2016/03	Associate Research Scientist, Micronutrient Research Project, AAU, Anand
12.2.1.13	Mobilization of Iron and Zinc through Bioconsortium and its effect on growth and yield of maize ( <i>Zea mays</i> L.)	<b>Not approved</b>	Associate Research Scientist, Micronutrient Research Project, AAU, Anand
12.2.1.14	Effect of graded saturation of P- fixing capacity of two different soil types on yield and chemical composition of wheat ( <i>Triticum aestivum</i> L.)	<b>Not approved</b>	Prof. & Head, Department of Agril. Chemistry and Soil Sci., BACA, AAU, Anand
12.2.1.15	Effect of spacing and topping on yield of summer sesame ( <i>Sesamum indicum</i> L.)	CP/Agronomy/2016/01	Prof. & Head, Dept. of Agronomy, BACA, AAU, Anand
12.2.1.16	Nutrient management through organic sources in summer green gram ( <i>Vigna radiata</i> L.)	CP/Agronomy/2016/02	Prof. & Head, Dept. of Agronomy, BACA, AAU, Anand
12.2.1.17	Varietal performance of pearl millet under varying transplanting dates in semi <i>rabi</i> season	CP/Agronomy/2016/03	Prof. & Head, Dept. of Agronomy, BACA, AAU, Anand
12.2.1.18	Effect of sowing dates and spacing on semi <i>rabi</i> green gram ( <i>Vigna radiata</i> L.)	CP/ PRS, Vadodara /2016/01	Research Scientist, Pulse Research Station, AAU, Vadodara
12.2.1.19	Nutrient management through organic sources in wheat in <i>Bhal</i> region	CP/ ARS, Arnej /2016/01	Research Scientist, ARS, AAU, Arnej

12.2.1.20	Effect of different levels of nitrogen, phosphorus and bio-fertilizers on yield of irrigated wheat ( <i>Triticum aestivum</i> L.) in <i>Bhal</i> region	CP/ ARS, Arnej /2016/02	Research Scientist, ARS, AAU, Arnej
12.2.1.21	Nutrient management through organic sources in grain amaranthus ( <i>Amarathus hypochondriacus</i> L.) under middle Gujarat conditions	CP/ARS, Thasra/2016/01	Associate Research Scientist, ARS on irrigated crops, AAU, Thasra
12.2.1.22	Effect of limited irrigation on production and fibre quality of <i>desi</i> cotton	CP/RCRS, Viramgam/2016/01	Associate Research Scientist, RCRS, AAU, Viramgam.
12.2.1.23	Management of complex weed flora in Garlic ( <i>Allium sativum</i> L.)	CP/Weed Control/2016/01	Agronomist, AICRP on weed Management, AAU, Anand
12.2.1.24	Nitrogen management through need based application by using Leaf Colour Chart (LCC) in rice varieties with different maturity group	CP/MRRS, Nawagam/2016/01	Research Scientist, Main Rice Research Station, AAU, Nawagam
12.2.1.25	Effect of irrigation scheduling and fertigation on wheat ( <i>Triticum aestivum</i> L.) under middle Gujarat conditions	CP/RRS/2016/01	Research Scientist, Regional Research Station, AAU, Anand
12.2.1.26	Effect of fertigation under different lateral spacing in drip irrigated wheat ( <i>Triticum aestivum</i> L.)	<b>Not approved</b>	Research Scientist, Regional Research Station, AAU, Anand
12.2.1.27	Effect of tillage methods on soil properties and production of soybean ( <i>Glycine max</i> ) - wheat ( <i>Triticum aestivum</i> ) cropping system	CP/ Polytechnic, Dahod /2016/01	Associate Professor, PAE, AAU, Dahod
12.2.1.28	Calibration and validation of SUBSTOR model (DSSAT 4.6) for three cultivars of potato under different sowing time	CP/ Meteorology/2016/01	Professor & Head, Department of Agril. Meteorology, BACA, Anand

### 12.3 Plant Protection

#### I. Agril Entomology

12.3.1.1	Standardization of pheromone traps required for mass trapping of pink bollworm in <i>Bt</i> cotton	PP/Entomology/2016/01	Professor and Head, Department of Entomology, BACA, , Anand
12.3.1.2	Bio-rational management of cumin pests	PP/Entomology/2016/02	Professor and Head, Department of Entomology, BACA, , Anand
12.3.1.3	Survey and surveillance of pinworm, <i>Tuta absoluta</i> (Meyrick) on tomato	PP/Biological control /2016/01	AICRP on Biological control, AAU, Anand
12.3.1.4	Biological suppression of American pinworm, <i>Tuta absoluta</i> (Meyrick) on tomato	PP/Biological control /2016/02	AICRP on Biological control, AAU, Anand
12.3.1.5	Evaluation of impact of climate change on water bird community assemblage	PP/Ornithology/2016/01	Res. Sci. (Ornitho.), AINP on VPM: Agril. Ornithology, AAU, Anand
12.3.1.6	Evaluation of bird predation on honey bees/pollinators	PP/Ornithology/2016/02	Res. Sci. (Ornitho.), AINP on VPM: Agril. Ornithology, AAU,

			Anand
12.3.1.7	Effect of roosting sites of Rose-ringed parakeet on agricultural crops	PP/Ornithology/2016/03	Res. Sci. (Ornitho.), AINP on VPM: Agril. Ornithology, AAU, Anand
12.3.1.8	Residue and dissipation of flubendiamide 240 + thiacloprid 240 – 480 SC on brinjal	PP/Pesticide Residues/2016/01	Residue Analyst, AINP on Pesticide Residues, AAU, Anand
12.3.1.9	Residue and dissipation of imidacloprid 17.1 SL on tomato	PP/Pesticide Residues/2016/02	Residue Analyst, AINP on Pesticide Residues, Anand
12.3.1.10	Residues and persistence of tetraniliprole 200 SC on tomato	PP/Pesticide Residues/2016/03	Residue Analyst, AINP on Pesticide Residues, Anand
12.3.1.11	Residue and dissipation of imidacloprid 17.1 SL on chilli	PP/Pesticide Residues/2016/04	Residue Analyst, AINP on Pesticide Residues, Anand
12.3.1.12	Residue and dissipation of fluopyram 400 SC on cucumber	PP/Pesticide Residues/2016/05	Residue Analyst, AINP on Pesticide Residues, AAU, Anand
12.3.1.13	Residue and persistence of fluopyram SC 400 on banana	PP/Pesticide Residues/2016/06	Residue Analyst, AINP on Pesticide Residues, Anand
12.3.1.14	Monitoring of pesticide residues at national level	PP/Pesticide Residues/2016/07	Residue Analyst, AINP on Pesticide Residues, Anand
12.3.1.15	Studies on pesticide residues from surface and ground water under SSP phase - I area.	PP/Pesticide Residues/2016/08	Residue Analyst, AINP on Pesticide Residues, Anand
12.3.1.16	Studies on pesticide residues from surface and groundwater under SSP phase - II area Kheda, Ahmedabad and Gandhinagar region.	PP/Pesticide Residues/2016/09	Residue Analyst, AINP on Pesticide Residues, Anand
12.3.1.17	Survey and status of south American tomato moth, <i>Tuta absoluta</i> (Meyrick)	<b>Not approved</b> (Do work in collaboration with AICRP on Biocontrol and there should not be two different experiments on same aspect. So treat this trial as not approved.)	Asstt. Res. Scientist, Main Vegetable Research Station, AAU, Anand
12.3.1.18	Bio-efficacy of different insecticides against leaf webber infesting mango	PP/Horti. Wing, Anand (Ento)/2016/01	Asstt. Prof. (Ento.), Horticulture College (Wing), AAU, Anand
12.3.1.19	Screening of pigeonpea genotypes against insect pests and diseases under natural conditions	PP/PRS, Vadodara & ARS, Derol/2016/01	Res. Sci. (Ento.), PRS, AAU, Vadodara and Asst. Res. Sci. (Ento.), ARS, AAU, Derol
12.3.1.20	Screening of mungbean genotypes against insect pests and diseases under natural conditions	PP/PRS, Vadodara & ARS, Derol/2016/02	Res. Sci. (Ento.), PRS, AAU, Vadodara and Asst. Res. Sci. (Ento.), ARS, AAU, Derol

12.3.1.21	Screening of urdbean genotypes against insect pests and diseases under natural conditions	PP/PRS, Vadodara & ARS, Derol/2016/03	Res. Sci. (Ento.), PRS, AAU, Vadodara and Asst. Res. Sci. (Ento.), ARS, AAU, Derol
12.3.1.22	Determination of economic threshold level for gram pod borer in chickpea	PP/ ARS, Derol (Ento.) /2016/01	Asst. Res. Sci. (Ento.), ARS, AAU, Derol
12.3.1.23	Evaluation of insecticides for the control of stem borer and wire worm infesting unirrigated wheat	PP/ ARS, Arnej /2016/01	Asso. Res. Sci. (Ento.), ARS, AAU, Arnej
12.3.1.24	Evaluation of insecticides for the control of stem borer and wire worm infesting unirrigated fodder sorghum	PP/ ARS, Arnej /2016/02	Asso. Res. Sci. (Ento.), ARS, AAU, Arnej
12.3.1.25	Effect of sowing periods on the incidence of castor capsule borer, <i>Dichrocrosis punctiperalis</i> Guenee	PP/ ARS, Sansoli /2016/01	Asst. Res. Sci. (Ento.), ARS, AAU, Sansoli
12.3.1.26	Population dynamics of major insect pests of castor	PP/ ARS, Sansoli /2016/02	Asst. Res. Sci. (Ento.), ARS, AAU, Sansoli
12.3.1.27	Evaluation of different insecticidal application strategies against stem borer, <i>Chilo partellus</i> Swinhoe infesting maize	PP/ ARS, Sansoli /2016/03	Asst. Res. Sci. (Ento.), ARS, AAU, Sansoli
12.3.1.28	Bio-efficacy of different insecticides against serpentine leaf miner, <i>Liriomyza trifolii</i> (Burgess) on water melon	PP/ Agri. Wing, Jabugam /2016/01	Asst. Res. Sci. (Ento.), College of Agri. (Wing), AAU, Jabugam
<b>II. Plant Pathology and Nematology</b>			
12.3.1.29	Effect of planting periods on root-knot nematodes in tomato	PP/Nematology/2016/01	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.30	Screening of mungbean lines/germplasms against root-knot nematodes	PP/Nematology/2016/02	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.31	Screening of urdbean lines/germplasms against root-knot nematodes	PP/Nematology/2016/03	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.32	Screening of cucurbits lines/germplasms against root-knot nematodes	PP/Nematology/2016/04	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.33	Screening of vegetables lines/germplasms against root-knot nematodes	PP/Nematology/2016/05	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.34	Diversity of Entomopathogenic Nematodes (EPNS) gene pool of the country	PP/Nematology/2016/06	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.35	Screening, confirmation and evaluation of rice genotypes for resistance against rice root-knot nematode ( <i>M. graminicola</i> )	PP/Nematology/2016/07	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.36	Determination of host races of <i>Meloidogyne graminicola</i>	PP/Nematology/2016/08	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.37	Management of root-knot nematode, <i>M. incognita</i> infesting cowpea using bioagents	PP/Nematology/2016/09	Professor & Head, Department of Nematology, BACA, Anand

12.3.1.38	Efficacy of bio-agents in the management of <i>Meloidogyne</i> species in bitter gourd	PP/Nematology/2016/10	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.39	Management of <i>Meloidogyne</i> spp.in okra through bioagents	PP/Nematology/2016/11	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.40	Management of plant parasitic nematode on okra by bio-fumigation	PP/Nematology/2016/12	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.41	Organic management of root-knot nematode, <i>Meloidogyne</i> spp. in potato using bioinoculants	PP/Nematology/2016/13	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.42	Integrated management of root-knot nematodes using organic amendments and bio-products on potato in field	PP/Nematology/2016/14	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.43	Management of root-knot nematodes through beneficial microbes in tomato nursery	PP/Nematology/2016/15	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.44	Management of root-knot nematodes ( <i>Meloidogyne</i> sp./race) in pulses by crop rotation	PP/Nematology/2016/16	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.45	Bio-management of root-knot nematode and fungal wilt complex in pomegranate	PP/Nematology/2016/17	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.46	Management of root-knot nematodes ( <i>Meloidogyne</i> spp.) in polyhouse by using organic amendments in capsicum	PP/Nematology/2016/18	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.47	Screening crop genotype against root-knot nematodes for polyhouse conditions	PP/Nematology/2016/19	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.48	Management of root-knot nematodes ( <i>Meloidogyne</i> spp.) on cucumber in polyhouse by using bioagents	PP/Nematology/2016/20	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.49	Management of root-knot nematodes ( <i>Meloidogyne</i> spp.) in polyhouse through crop rotation	PP/Nematology/2016/21	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.50	Interaction between <i>Meloidogyne</i> sp. and <i>Ralstonia solanacearum</i> on polyhouse crop - tomato (pot trial - autoclaved soil)	PP/Nematology/2016/22	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.51	(a) Isolation and identification of potential indigenous bio-control agents (b) Evaluation of available bacteria in the microbial collections against test nematode species	PP/Nematology/2016/23	Professor & Head, Department of Nematology, BACA, Anand
12.3.1.52	Effect of bulky manures in management of nematodes in bidi tobacco nursery	PP/ BTRS(Patho)/2016/01	Res. Sci. (Pl. Patho.), BTRS, AAU, Anand
12.3.1.53	Management of citrus gummosis ( <i>Phytophthora citrophthora</i> )	PP/ Horti. Wing, Anand (Patho)/2016/01	Asst. Res. Sci. (Patho.), College of Horticulture (Wing), AAU, Anand
12.3.1.54	Screening of castor genotypes against wilt ( <i>Fusarium oxysporum</i> f.sp. <i>ricini</i> ) <i>in vivo</i> and <i>in vitro</i> conditions	PP/RRS/2016/01	Asst. Res. Sci. (Pl. Patho.), RRS, AAU, Anand

12.3.1.55	Efficacy of <i>Trichoderma viride</i> in management of banded leaf and sheath blight of maize under field conditions	PP/MMRS, Godhra & Agri. Wing, Jabugam/2016/01	Asst. Res. Sci. (Pl. Patho.), MMRS, AAU, Godhra and Asst. Prof. (Pl. Patho.), COA, AAU, Jabugam (Trial should be conducted as multi location at Godhra and Jabugam.)
12.3.1.56	Effect of salicylic acid against all foliar diseases of maize	PP/MMRS, Godhra/2016/01	Asst. Res. Sci. (Pl. Patho.), MMRS, AAU, Godhra
12.3.1.57	Management of banded leaf and sheath blight of maize ( <i>Rhizoctonia solani</i> f. sp. <i>Sasakii</i> ) with biocontrol agents	<b>Not approved</b>	Asst. Res. Sci. (Pl. Patho.), MMRS, AAU, Godhra and Asst. Prof. (Pl. Patho.), COA, AAU, Jabugam
12.3.1.58	Screening of black gram genotypes against Yellow Mosaic Virus (YMV)	PP/ARS, Derol (Patho.) /2016/01	Asst. Res. Sci. (Ent.), ARS, AAU, Derol
<b>12.4 Horticulture and Agro Forestry</b>			
12.4.1.1	Effect of different organic manures and PGPR consortium on growth, yield and quality of sapota ( <i>Manilkara achras</i> L.) cv. Kalipatti	CP/Horticulture/2016/01	Professor & Head, Department of Horticulture, BACA, AAU, Anand
12.4.1.2	High density plantation and canopy management in mango cv. Kesar	CP/Horticulture/2016/02	Professor & Head, Department of Horticulture, BACA, AAU, Anand
12.4.2.3	High density plantation and pruning in guava cv. Allahabad Safeda	CP/Horticulture/2016/03	Professor & Head, Department of Horticulture, BACA, AAU, Anand
12.4.2.4	Effect of different plant spacing on growth & yield of capsicum under open ventilated poly house	CP/Horticulture/2016/04	Professor & Head, Department of Horticulture, BACA, AAU, Anand
12.4.2.5	Nutrient management through organics in onion as intercrop in sapota orchard	CP/Horticulture wing /2016/01	College of Horticulture (Wing), BACA, AAU, Anand
12.4.2.6	Nutrient management through fertigation on green fruit yield of chilli ( <i>Capsicum annum</i> L.) under middle Gujarat conditions	CP/ TRTC, D.Baria /2016/02	Research Scientist, TRTC, AAU, Devgad Baria
<b>12.5 Dairy Science and Food Processing Technology</b>			
12.5.1.1	Studies on quality changes of rice during ageing: Effect of different storage conditions	DS·FPT/PHE, FPT&BE/2016/01	Professor & Head, PHE, FPT & BE, AAU, Anand
12.5.1.2	Design & development of low cost portable mango ripening system	DS·FPT/PHE, FPT&BE/2016/02	Professor & Head, PHE, FPT & BE, AAU, Anand
12.5.1.3	Production of high quality powder with maximum retention of essential oil using cryogenic grinding of some selected	DS·FPT/PHE, FPT&BE/2016/03	Professor & Head, PHE, FPT & BE, AAU, Anand

	spices		
12.5.1.4	Standardization of process parameters for the development of partially defatted peanut	DS·FPT/PHE, FPT&BE/2016/04	Professor & Head, PHE, FPT & BE, AAU, Anand
12.5.1.5	Extension of shelf life of bread using suitable ingredient	DS·FPT/FPT, FPT&BE/2016/01	Professor & Head, FPT, FPT & BE, AAU, Anand
12.5.1.6	Utilization of pumpkin carotenoid in food products	DS·FPT/FPT, FPT&BE/2016/02	Professor & Head, FPT, FPT & BE, AAU, Anand
12.5.1.7	Energy assessment in selected food processing plant/s	DS·FPT/FE, FPT&BE/2016/01	Professor & Head, FE, FPT & BE, AAU, Anand
12.5.1.8	Effect of gamma irradiation on cooking & milling characteristics of pigeon pea grains	DS·FPT/FE, FPT&BE/2016/02	Professor & Head, FE, FPT & BE, AAU, Anand
12.5.1.9	Popping of sorghum grain using microwave energy	DS·FPT/FE, FPT&BE/2016/03	Professor & Head, FE, FPT & BE, AAU, Anand
12.5.1.10	Development of Sesame spread production technology	DS·FPT/FQA, FPT&BE/2016/01	Professor & Head, FQA, FPT & BE, AAU, Anand
12.5.1.11	Super critical fluid extraction of essential oil from curry leaves	DS·FPT/FQA, FPT&BE/2016/02	Professor & Head, FQA, FPT & BE, AAU, Anand
12.5.1.12	Bioethanol production from potato processing starch waste by thermotolerant strain of <i>Saccharomyces cerevisiae</i> ETGS1	DS·FPT/FQA, FPT&BE/2016/03	Professor & Head, FQA, FPT & BE, AAU, Anand
12.5.1.13	Development of method for Vitamin C estimation	DS·FPT/FQA, FPT&BE/2016/04	Professor & Head, FQA, FPT & BE, AAU, Anand
12.5.1.14	Performance evaluation of a briquetting machine for effective use of loose biomass	<b>Not approved</b>	Professor & Head, BE, FPT & BE, AAU, Anand
12.5.1.15	<b>Title:</b> Development of technology for value-addition in Indigenous and Western dairy products <b>Sub-title:</b> Development of technology for carbonated lemon whey beverage	DS·FPT/Dairy Technology, /2016/01	Professor & Head, Department of Dairy Technology, DSC, AAU, Anand
12.5.1.16	<b>Title:</b> Preparation of dairy/non-dairy analogue cheese of processed cheese and Mozzarella type. <b>Sub-title:</b> Value addition to mozzarella cheese analogue through incorporation of whey protein and vitamin A	DS·FPT/Dairy Technology, /2016/02	Professor & Head, Department of Dairy Technology, DSC, AAU, Anand
12.5.1.17	Development of <i>Petha</i> (Ash gourd sweetmeat) ice cream	DS·FPT/Dairy Technology, /2016/03	Professor & Head, Department of Dairy Technology, DSC, AAU, Anand
12.5.1.18	Development of cereal based <i>burfi</i>	DS·FPT/Dairy Technology, /2016/04	Professor & Head, Department of Dairy Technology, DSC, AAU, Anand



12.5.1.19	Development of a nutri-rich <i>chakka</i> based dip fortified with Moringa	DS·FPT/Dairy Technology, /2016/05	Professor & Head, Department of Dairy Technology, DSC, AAU, Anand
12.5.1.20	Technology for manufacture of extended shelf life of <i>basundi</i>	DS·FPT/ Dairy Processing & Operations, /2016/01	Professor & Head, Department of Dairy Processing & Operations, DSC, AAU, Anand
12.5.1.21	<b>Title:</b> Development of methods for detection of adulteration in Milk and Milk Products <b>Sub-title:</b> Application of Infrared spectroscopy in detection of foreign fats and oils in ghee	DS·FPT/Dairy Chemistry /2016/01	Professor & Head, Department of Dairy Chemistry, DSC, AAU, Anand
12.5.1.22	<b>Title:</b> Evaluation of selected natural food additives for their suitability to enhance the quality of dairy products <b>Sub-title:</b> Evaluation of common culinary spices as natural antioxidant for ghee	DS·FPT/Dairy Chemistry /2016/02	Professor & Head, Department of Dairy Chemistry, DSC, AAU, Anand
12.5.1.23	<b>Title:</b> Utilization of whey in dairy and food products <b>Sub-title:</b> Development of whey based medium for biomass production of lactic acid bacteria	DS·FPT/Dairy Chemistry /2016/03	Professor & Head, Department of Dairy Chemistry, DSC, AAU, Anand
12.5.1.24	<b>Title:</b> Development of dairy starter cultures and value added dairy products <b>Sub-title:</b> Development of Greek Yoghurt Type Probiotic Fermented Milk using indigenous culture	DS·FPT/Dairy Microbiology /2016/01	Professor & Head, Department of Dairy Microbiology, DSC, AAU, Anand
12.5.1.25	<b>Title:</b> Development of dairy starter cultures and value added dairy products <b>Sub-title:</b> Development of Oat based probiotic smoothie	DS·FPT/Dairy Microbiology /2016/02	Professor & Head, Department of Dairy Microbiology, DSC, AAU, Anand
12.5.1.26	<b>Title:</b> Plasmid profiles of lactic acid bacteria and their use as bio-medical agents <b>Sub-title:</b> Development of probiotic cream for vaginal health of women	<b>Not approved</b>	Professor & Head, Department of Dairy Microbiology, DSC, AAU, Anand
<b>12.5 Agricultural Engineering and Agricultural Information Technology</b>			
12.5.1.27	Daily and monthly rainfall forecasting using extreme learning machines (ELMs), ANN with genetic algorithm (GANN) in the middle region of Gujarat	AE·AIT/ SWE/2016/01	Professor & Head, SWE, CAET, AAU, Godhra
12.5.1.28	Development of a low cost power operated maize Sheller for small and marginal farmers	AE·AIT/ FMPET/2016/01	Professor & Head, FMP, CAET, AAU, Godhra
12.5.1.29	Design and development of tractor – drawn potato harvester with elevator	AE·AIT/ FMPET/2016/02	Professor & Head, FMP, CAET, AAU, Godhra

12.5.1.30	Determination and analysis of vibration levels on Mini farm tractors	AE·AIT/ FMPET/2016/03	Professor & Head, FMP, CAET, AAU, Godhra
12.5.1.31	Development of rapid measurement system for angle of repose of grains	AE·AIT/ APE/2016/01	Professor & Head, APE, CAET, AAU, Godhra
12.5.1.32	Development of Matlab based programming of seed properties	AE·AIT/ RE/2016/01	Professor & Head, RE CAET, AAU, Godhra
12.5.1.33	Development of multipurpose solar dryer cum cooker	AE·AIT/ RE/2016/02	Professor & Head, RE CAET, AAU, Godhra
12.5.1.34	Design and development of custard apple pulp extracting machine with automatic feeding	AE·AIT/ PAE, Dahod/2016/01	Principal, PAE, AAU, Dahod
12.5.1.35	Quantification of seed quality up gradation through seed processing in wheat, green gram and paddy	AE·AIT/ RRS /2016/01	Unit Head, RRS, AAU, Anand
12.5.1.36	Web based application for analysis of completely randomized design latin square design and strip plot design	AE·AIT/ AIT /2016/01	Dean, AIT, AAU, Anand
12.5.1.37	Development of web base integrated attendance and result module for Polytechnic in student corner application	AE·AIT/ AIT /2016/02	Dean, AIT, AAU, Anand
12.5.1.38	Transformation of information through multimedia based interactive media for <i>desi</i> cotton crop	AE·AIT/ AIT /2016/03	Dean, AIT, AAU, Anand
12.5.1.39	Development of web based annual budget management system	AE·AIT/ DIT /2016/01	Director, IT, AAU, Anand
12.5.1.40	Web based application for dead stock and IT assets information management	AE·AIT/ DIT /2016/02	Director, IT, AAU, Anand
12.5.1.41	Online information management for extension centers of AAU	AE·AIT/ DIT /2016/03	Director, IT, AAU, Anand
<b>12.6 Basic Science</b>			
12.6.2.1.1	Effect of zinc and iron oxide nanoparticles on seed viability and vigour in soybean seeds under artificial ageing	CI/Seed Science/2016/01	Professor and Head, Seed Science and Technology, BACA, AAU, Anand
12.6.2.1.2	Influence of seed hardening on germination and related gene expression study in green gram ( <i>Vigna radiata</i> L )	CI/Plant Physiology/2016/01	Professor and Head, Plant Physiology, BACA, AAU, Anand
12.6.2.1.3	Physiological investigation on productivity in rustica tobacco ( <i>Nicotiana rustica</i> L.)	CI/Plant Physiology, BTRS/2016/01	Res. Sci.,Pl. Physio., BTRS, AAU, Anand
12.6.2.1.4	Effect of benzyladenine (BA) on water deficit stress in rice seedling	CI/Biochemistry/2016/01	Professor and Head, Biochemistry, BACA, AAU, Anand
12.6.2.1.5	Development of genomic SSR markers in cluster bean	CI/Ag.Biotech/2016/01	Research Scientist, Agril.

			Biotechnology, AAU, Anand
12.6.2.1.6	Transcriptome profiling of resistant and susceptible solanum genotypes in response to infection by Tomato Leaf Curl Virus (ToLCV)	CI/Ag.Biotech/2016/02	Research Scientist, Agril. Biotechnology, AAU, Anand
12.6.2.1.7	Genotype identification in date palm cultivars using molecular markers	<b>Not Approved</b>	Asso. Res. Sci., Plant Tissue Culture Lab, AAU, Anand
12.6.2.1.8	Development of regeneration protocol for large scale production of Coconut ( <i>Cocos nucifera</i> L.)	CI/Tissue Culture/2016/01	Asso. Res. Sci., Plant Tissue Culture Lab, AAU, Anand
12.6.2.1.9	Synthesis and characterization of hydroxyapatite nanoparticles and its potential applications as phosphorous fertilizers in soybean.	CI/Tissue Culture/2016/02	Asso. Res. Sci., Plant Tissue Culture Lab, AAU, Anand
<b>11.7 Social Science</b>			
12.7.2.1	Futures and Spot Price Relations: A Case Study of Cotton NCDEX Market in India	SC/Ag. Econ/2016/01	Prof. & Head, Dept. of Agricultural Economics, BACA, AAU, Anand
12.7.2.2	An Analytical Study of Self Help Groups (SHGs) functioning in Anand District of Gujarat	SC/Horti wing/2016/01	Dr. B. L. Dudhat, Asst. Prof. and Dr. Prity Kumari, Asst. Prof., College of Horticulture (Wing), BACA, AAU, Anand
12.7.2.3	A study on Consumer Behaviour for Inland Fish Consumption in Anand City	SC/ IABM/2016/01	Principal, IABMI, AAU, Anand
12.7.2.4	A Study of Drumstick Commodity System in Selected Talukas of Vadodara District of Gujarat	SC/ IABM/2016/02	Principal, IABMI, AAU, Anand
12.7.2.5	Economics of Milk Production and its Disposal Pattern in Central Gujarat	SC/ IABM/2016/03	Principal, IABMI, AAU, Anand
12.7.2.6	AICT Awareness among the participants of training programme of Dairy Vigyan Kendra	SC/DBM/2016/01	Professor & HOD, Department of DBM, SMC College of Dairy Science, AAU, Anand
12.7.2.7	Impact of Brand Equity on consumer Purchase decision of Dairy product with special reference to AMUL	SC/DBM/2016/02	Professor & HOD, Department of DBM, SMC College of Dairy Science, AAU, Anand
12.7.2.8	Study of consumer awareness on food labelling and use of pack information for purchase of pre-packaged food products	SC/FPT/2016/01	Dr. Samit Dutta ,Associate Professor, Department of Food Business Management, College of FPT & BE, AAU, Anand
12.7.2.9	Problems and challenges faced by working women in food processing companies in Gujarat	SC/FPT/2016/02	Mr.Deval B Patel and Dr. S. Dutta, Dept. of Food Business Management, College of FPT & BE, AAU, Anand

12.7.2.10	Assessment of trend of crop productivity in long term experiment	SC/ Ag. Stat/2016/01	Prof. & Head, Dept. of Ag. Statistics, BACA, AAU, Anand
12.7.2.11	Attitude of extension personnel towards training programmes organized by EEI, Anand	SC/ EEI /2016/01	The Director, EEI, AAU, Anand
12.7.2.12	Development of the test to measure the knowledge about liquid bio-fertilizer of Farmers	SC/ EEI /2016/02	The Director, EEI, AAU, Anand
12.7.2.13	Assessment of Training Needs of the State officials of Agriculture and allied Departments of Western India	SC/ EEI /2016/03	The Director, EEI, AAU, Anand
12.7.2.14	Follow-up study of Workshop on “Knowledge Management System and web designing for Agriculture and Allied fields	SC/ EEI /2016/04	The Director, EEI, AAU, Anand
12.7.2.15	Package of Practices Adopted by the Tomato Growers in Anand district	SC/ DoEE /2016/01	Dr. H. B. Patel, Ext. Educationist, DEE, A.A.U., Anand
12.7.2.16	Study on time lag in adoption of tissue culture raised banana cultivation technology	SC/ DoEE /2016/02	Dr. M. R. Patel, Assistant Extension Educationist (Information), SSK, DOEE, AAU, Anand
12.7.2.17	Development and standardization of attitude scale of farmers toward Agricultural Produce Marketing Committee (APMC)	SC/ DoEE /2016/03	Dr. Vinay Kumar H M, Assistant Extension Educationist, DOEE, AAU, Anand
12.7.2.18	Health and Bio-security measures adopted by commercial poultry farmers of Anand taluka	SC/ Animal Science, BACA /2016/01	Dr R M Rajpura, Assistant Professor, Department of Animal Science, BACA, AAU, Anand
12.7.2.19	Effectiveness of training programme organised under Surti buffalo breeders association scheme in terms of gain in knowledge and adoption of scientific AH Practices for Surti Buffalo conservation	SC/ R.B.R. Unit /2016/01	Dr. Ankita Killedar, Research Scientist, RBR unit, Veterinary College, AAU, Anand
12.7.2. 20	Attitude of Tribal Youth towards Agriculture as an Occupation	SC/Agri wing, Jabugam/2016/01	Dr. S. R. Patel, Assoc. Prof., College of Agriculture, AAU, Jabugam
12.7.2. 21	Training needs of farm women in animal husbandry practices in chhotaudepur district	SC/Agri wing, Jabugam/2016/02	Dr. Kiran U Chandravadia, Asstt Prof., College of Agriculture, AAU, Jabugam
12.7.2. 22	Attitude of farmers towards Farmers Interest Group (FIG) in Anand District of Gujarat state	SC/ Ext. Edu/2016/01	Prof. & Head, Dept. of Ext. Edu., BACA, AAU, Anand
12.7.2. 23	Development and standardization of scale to measure attitude of women towards kitchen gardening	SC/ Ext. Edu/2016/02	Prof. & Head, Dept. of Ext. Edu., BACA, AAU, Anand

12.7.2. 24	Opinion of the clients regarding the services and facilities provided by TVCC (Teaching Veterinary Clinical Complex) of Veterinary Science College, AAU, Anand	SC/ Ext. Edu, Veterinary/2016/01	Dr. A. C. Vaidya, Assoc. Professor, Dept. of Ext. Education, Veterinary Science College, AAU, Anand
12.7.2. 25	Study on occupational aspiration of students pursuing B. Sc. (Hons.) Agriculture degree programme at Vaso	SC/ Polytechnic, Agri, Vaso/2016/01	Dr. A. R. Makwan , Ext . Educationist, Polytechnic in Agriculture, AAU, Vaso
12.7.2. 26	Study on level of knowledge and adoption of recommended bio-fertilizers (Anubhav Liquid Bio-fertilizers) by paddy growers of Vaso taluka of Kheda district of Gujarat State	SC/ Polytechnic, Agri, Vaso/2016/02	Dr. B. M. Christian, Asstt. Educationists, Poli. Agri., AAU, Vaso
12.7.2. 27	Utilization pattern of health benefits by the mother under ICDS	SC/ PFS & HE/2016/01	Smt. Hina H.Chawda, Assoc. Prof.Poly-technique in food science & Home Economics, AAU, Anand
12.7.2. 28	Assessment of nutritional knowledge among school teachers regarding diet in diseases - An intervention study	SC/KVK, Arnej /2016/01	Dr. Gayatree R. Jadeja, SMS (HS), KVK, AAU, Arnej
12.7.2. 29	Basic Agricultural Awareness among Rural Adolescent Boys in Adopted Villages of KVK Arnej: An Intervention Study	SC/KVK, Arnej /2016/02	Dr. Gayatree R. Jadeja, SMS (HS), KVK, AAU, Arnej
12.7.2. 30	Awareness and knowledge regarding soil testing and use of soil health cards	SC/KVK, Devataj /2016/01	Prog. Co-ordinator, KVK, AAU, Devataj
12.7.2. 31	Impact of BARODA Dugdh Utpadak Sahakari Sangh Ltd. on the Adoption of Improved Animal Husbandry Practices in Chhotaudepur district of Gujarat	SC/ KVK, Mangal Bharati /2016/01	Dr. B. L. Dhayal (SMS-Ext.), Dr. B. M. Maheta, Prog. Co-ordinator, KVK, Mangal Bharati, Golagamdi, Dist-Vadodara
12.7.2. 32	Impact of front line demonstrations on Biopesticide ( <i>Beauveria bassiana</i> ) to manage DBM (Diamond Back Moth) in Cabbage	SC/ KVK, Dethali/2016/01	Dr. P.K. Sharma,Senior Scientist &Head and M.K. Choudhary , SMS- Horticulture, KVK, ICAR, Gujarat Vidyapeeth, Dethali, Dist-Kheda
12.7.2. 33	Impact of training program on cultivation of summer <i>til</i> (sesamum) in Panchmahal district of Gujarat	SC/ KVK, Vejalpur /2016/01	Dr. KanakLata, PC., KVK, Vejalpur, Dist- Panchmahal
12.7.2. 34	Technological gap in adoption of improved irrigated wheat production technology by wheat growers in Dahod district	SC/ KVK, Dahod /2016/01	Programme Coordinator, KVK, AAU, Dahod
12.7.2. 35	A study on calf mortality pattern in the Dahod district	SC/ KVK, Dahod /2016/02	Programme Coordinator, KVK, AAU, Dahod
12.7.2. 36	Adoption of scientific goat management practices by the livestock keepers in operational area of PashuVigyan Kendra	SC/ PVK, Limkheda/2016/01	Dr. S. G. Vahora, Assoc. Professor (Animal Nutrition)

			and Dr. G. N. Thorat, Assist. Professor (Ext. Edu.), Pashu Vigyan Kendra, AAU, Limkheda
12.7.2.37	Adoption of scientific feeding practices by the livestock keepers in Operational area of Pashu Vigyan Kendra	SC/ PVK, Limkheda/2016/02	Dr. S. G. Vahora, Assoc. Professor (Animal Nutrition) and Dr. G. N. Thorat, Assist. Professor (Ext. Edu.), Pashu Vigyan Kendra, AAU, Limkheda
12.7.2.38	A study on knowledge and adoption of recommended practices of Summer Sesamum crop in Anand & Kheda districts	SC/ Sansoli/2016/01	Shri N. M. Vegad, Assistant Extension Educationist, Farm Technology Training Centre, AAU, Sansoli-Nenpur
12.7.2.39	Knowledge of Nutritional practices among the Aganwadi workers of Dahod district	SC/TRTC, Devgadhi Baria /2016/01	Unit Head, TRTC, AAU, Devgadhi-Baria
12.7.2.40	Attitude of tribal farm women towards agriculture training programme	SC/TFWTC, Devgadhi Baria /2016/01	Unit Head, TRTC, AAU, Devgadhi-Baria
12.7.2.41	Economic Performance of Dairy Farmers (Buffalo owners) in Operational Area of DVK	SC/ DVK, Vejalpur/2016/01	Dr. J.K. Patel, Assoc. Prof. & Dr. S. J. Jadav, SMC college of Dairy Science, AAU, Anand
<b>12.8 Animal Production and Fisheries</b>			
12.8.2.1	Identification of coccidial species and evaluation of anticoccidial drugs in calves.	<b>Not approved</b>	Research Scientist and Head, LRS, AAU, Anand
12.8.2.2	To study the metabolic profile of cows with BCS	AP/ LRS /2016/01	Research Scientist and Head, LRS, AAU, Anand
12.8.2.3	Prevalence of clinical and subclinical mastitis and sensitivity pattern of antibiotics	AP/ LRS /2016/02	Research Scientist and Head, LRS, AAU, Anand
12.8.2.4	Effect of supplementing Fenugreek ( <i>Trigonella foenumgraecum</i> ) seeds in total mixed ration (TMR) of Surti goats on nutrient utilization and milk production.	AP/ANRS/2016/01	Research Scientist, ANRS, Veterinary College, Anand
12.8.2.5	Effect of supplementing Fenugreek ( <i>Trigonella foenumgraecum</i> ) seeds in the ration of crossbred cows on nutrient utilization and milk production.	AP/ANRS/2016/02	Research Scientist, ANRS, Veterinary College, Anand
12.8.2.6	To evolve area specific mineral mixture for dairy animals in Mahisagar district.	AP/ANRS/2016/03	Research Scientist, ANRS, Veterinary College, Anand
12.8.2.7	Formulation and evaluation of total mixed ration comprising of pigeon pea ( <i>Cajanus cajan</i> ) straw in adult sheep.	AP/ANRS/2016/04	Research Scientist, ANRS, Veterinary College, Anand

12.8.2.8	Formulation and evaluation of total mixed ration comprising of Gram ( <i>Cicer arietinum</i> L) straw in adult goats.	AP/ANRS/2016/05	Research Scientist, ANRS, Veterinary College, Anand
12.8.2.9	Studies on aflatoxin M <sub>1</sub> level in milk of dairy animals in Anand District.	AP/ANRS/2016/06	Research Scientist, ANRS, Veterinary College, Anand
12.8.2.10	Study of nutritional status of dairy animals of Chhotaudepur district.	AP/ANRS/2016/07	Research Scientist, ANRS, Veterinary College, Anand
12.8.2.11	Methane mitigation in buffaloes on legume straw based total mixed ration.	AP/ANRS/2016/08	Research Scientist, ANRS, Veterinary College, Anand
12.8.2.12	Studies on the effect of different levels of SSF Biomass based on Wheat straw, Jowar straw and Paddy straw in Total Mixed Rations (TMR) on <i>In vitro</i> digestibility and methane emission.	AP/ANRS/2016/09	Research Scientist, ANRS, Veterinary College, Anand
12.8.2.13	Studies on effect of different SSF Biomass in TMR on digestibility of nutrients and rumen fermentation in small ruminants.	AP/ANRS/2016/10	Research Scientist, ANRS, Veterinary College, Anand
12.8.2.14	Screening of indigenous and crossbred cattle and buffalo breeds of Gujarat state for $\beta$ casein milk protein variants (A1/A2 variants) using PCR-RFLP.	AP/ AGB /2016/01	Prof. and Head, Dept. of AGB, Veterinary College, AAU, Anand
12.8.2.15	Genetic Characterization of Gujarat Malvi cattle population using microsatellite markers.	AP/ AGB /2016/02	Prof. and Head, Dept. of AGB, Veterinary College, AAU, Anand
12.8.2.16	Genetic Characterization of Kahmi Goat using microsatellite markers.	AP/ AGB /2016/03	Prof. and Head, Dept. of AGB, Veterinary College, AAU, Anand
12.8.2.17	Genetic Characterization of Halari donkey using microsatellite markers.	AP/ AGB /2016/04	Prof. and Head, Dept. of AGB, Veterinary College, AAU, Anand
12.8.2.18	Genetic Characterization of <i>Desi</i> fowl populations from North and South Gujarat using microsatellite markers.	AP/ AGB /2016/05	Prof. and Head, Dept. of AGB, Veterinary College, AAU, Anand
12.8.2.19	Udder and teat characteristics in relation to milk yield and incidences of sub clinical mastitis in Gir cows.	AP/LPM /2016/01	Professor and Head, Dept. of LPM, Veterinary College, AAU, Anand
12.8.2.20	Udder and teat characteristics in relation to milk yield and incidences of subclinical mastitis in water buffaloes.	AP/Ani. Sci. BACA /2016/01	Professor and Head, Department of Animal Science, BACA, AAU, Anand
12.8.2.21	Study of Physiological, Haematological, Biochemical and Hormonal Changes in Preweaned Lambs and Kids.	AP/ Physiology & Biochemistry / 2016 / 01	Prof. and Head, Dept. of Physiology & Biochemistry, Veterinary College, AAU, Anand
12.8.2.22	Study of Physiological, Hematological, Biochemical and Hormonal Changes in Preweaned Calves.	AP/ Physiology & Biochemistry / 2016 / 02	Prof. and Head, Dept. of Physiology & Biochemistry, Veterinary College, AAU, Anand
12.8.2.23	Validation of seed germination inhibition test for pregnancy diagnosis in goat and cattle.	<b>Not approved</b>	Research Scientist and Head, PSC, Ramana Muvada; KGK, Minavada

12.8.2.24	To study the testicular biometry, sexual behaviour, semen quality and sex steroid and biochemical profile in growing Surti male kids up to the age of sexual maturity.	AP/ PSK, Ramna Muvada /2016/01	Research Scientist and Head, PSC, Ramna Muvada; KGGK, Minavada
<b>Animal Health</b>			
12.8.2.25	To determine <i>in-vitro</i> antibacterial activity of aqueous and alcoholic extracts of <i>Solanum xanthocarpum</i> (Kantkari) and <i>Achyranthes aspera</i> (chaff-flower).	AH/ Pharmacology & Toxicology /2016/01	Prof. and Head, Dept. of Vet. Pharmacology & Toxicology, Veterinary College, AAU, Anand
12.8.2.26	Studies on prevalence, haemato-biochemical alterations and diagnostic aspects of <i>Trypanosoma evansi</i> using blood smear examination and polymerase chain reaction (PCR) in cattle and buffaloes.	AH/ Vet. Parasitology /2016/01	Prof. and Head, Dept. of Vet. Parasitology, Veterinary College, AAU, Anand
12.8.2.27	Clinico-pathological studies on canine babesiosis in cases presented at TVCC, Anand	AH/ Vet. Medicine /2016/01	Prof. and Head, Dept. of Vet. Medicine, Veterinary College, AAU, Anand
12.8.2.28	Pathological and molecular studies on Low Pathogenic Avian Influenza virus and <i>E. coli</i> infection in broilers	AH/ Vet. Pathology /2016/01	Prof. and Head, Dept. of Vet. Pathology, Veterinary College, AAU, Anand
12.8.2.29	Isolation and identification of bacteria from various ocular affections in dogs.	AH/Vet. Microbiology /2016/01	Prof. and Head, Dept. of Vet. Microbiology, Veterinary College, AAU, Anand
12.8.2.30	Nucleoprotein gene sequencing of rabies virus obtained from animals	AH/Vet. Microbiology /2016/02	Prof. and Head, Dept. of Vet. Microbiology, Veterinary College, AAU, Anand
12.8.2.31	Isolation and characterization of <i>Brucella</i> isolates from the reproductive disorders in large domestic ruminants.	AH/Vet. Microbiology /2016/03	Prof. and Head, Dept. of Vet. Microbiology, Veterinary College, AAU, Anand
12.8.2.32	Standardization of Polymerase Chain Reaction technique for diagnosis of <i>Theileria equi</i> directly from blood.	AH/Vet. Microbiology /2016/04	Prof. and Head, Dept. of Vet. Microbiology, Veterinary College, AAU, Anand
12.8.2.33	Study on the prevalence, causes and therapeutics of genital infections in repeat breeders and postpartum dairy cows.	AH/ Gynaecology and Obstetrics /2016/01	Prof. and Head, Dept. of Gynaecology and Obstetrics, Veterinary College, AAU, Anand
12.8.2.34	Study on relative merits of egg yolk and soybean based extenders for cryopreservation of buffalo semen	AH/ Gynaecology and Obstetrics /2016/02	Prof. and Head, Dept. of Gynaecology and Obstetrics, Veterinary College, AAU, Anand
12.8.2.35	Effect of nutritional management of transition period on blood profile, puerperal events and postpartum fertility in buffaloes: a demonstration to tribal farmers.	AH/ Gynaecology and Obstetrics /2016/03	Prof. and Head, Dept. of Gynaecology and Obstetrics, Veterinary College, AAU, Anand
12.8.2.36	Prevalence of bovine infertility in different regions of Gujarat.	AH/ Gynaecology and Obstetrics /2016/04	Prof. and Head, Dept. of Gynaecology and Obstetrics,



			Veterinary College, AAU, Anand
12.8.2.37	Effect of peripartum nutritional (multi-minerals and bypass fat) supplementation on uterine involution, postpartum fertility and reproductive peridata in Jafarabadi buffaloes	AH/ Gynaecology and Obstetrics /2016/05	Prof. and Head, Dept. of Gynaecology and Obstetrics, Veterinary College, AAU, Anand
12.8.2.38	To study the sero-prevalence of Brucellosis by using <i>Brucellamelitensis</i> antigen in small ruminants and human	AH/ VPH /2016/01	Prof. and Head, Dept. of VPH, Veterinary College, AAU, Anand
12.8.2.39	Studies on Midazolam-Ketamine and Isoflurane Anaesthesia in Butorphanol premedicated birds.	AH/ Surgery & Radiology /2016/01	Prof. and Head, Dept. of Vet. Surgery & Radiology, Veterinary College, AAU, Anand
12.8.2.40	Ultrasonographic Evaluation of Udder and Teat in Dairy Animals.	AH/ Surgery & Radiology /2016/02	Prof. and Head, Dept. of Vet. Surgery & Radiology, Veterinary College, AAU, Anand
12.8.2.41	Studies on Management of Canine Mammary Tumours with Dendritic Cell Therapy.	AH/ Surgery & Radiology /2016/03	Prof. and Head, Dept. of Vet. Surgery & Radiology, Veterinary College, AAU, Anand
12.8.2.42	Studies on Incidence, Diagnosis and Management of Surgical Affections of Urinary System in Dogs.	AH/ Surgery & Radiology /2016/04	Prof. and Head, Dept. of Vet. Surgery & Radiology, Veterinary College, AAU, Anand
12.8.2.43	Clinical Studies on Tube-Cystotomy in Bovines Calves.	AH/ Surgery & Radiology /2016/05	Prof. and Head, Dept. of Vet. Surgery & Radiology, Veterinary College, AAU, Anand
12.8.2.44	Studies on Clinical Use of Orthosis in Dogs and Goats with Locomotary Disorders.	AH/ Surgery & Radiology /2016/06	Prof. and Head, Dept. of Vet. Surgery & Radiology, Veterinary College, AAU, Anand