



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



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**No. AAU/DR/RES/T-3/ 15098 /2015 Date : 27-1 - 2015**

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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.....10<sup>th</sup> combined AGRESCO

Enclosed, please find herewith the code numbers assigned to the new technical programme/s which is/are approved in tenth Combined AGRESCO of SAUs held during 9-11 April, 2014 at JAU, Junagadh. Now you are requested to use these code numbers in AGRESCO report in future.

Encl : As above

  
**DIRECTOR OF RESEARCH & DEAN**  
**FACULTY OF P. G. STUDIES**

# NEW TECHNICAL PROGRAMMES APPROVED IN 10<sup>TH</sup> COMBINED AGRESKO HELD AT JAU, JUNAGADH (2014)

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

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
<b>10.1 Crop Improvement</b>			
10.1.1.1	Comparative performance of parthenocarpic varieties of cucumber under control condition	CI/Horticulture/2014/01	Professor & Head, Dept. of Horticulture, BACA, Anand
10.1.1.2	Evaluation of different varieties of banana as a lam (ratoon) crop in tribal area of Chhota Udaipur Region of Middle Gujarat	CI/ ARS, Jabugam /2014/01	Assistant Research Scientist, ARS, Jabugam
10.1.1.3	Effect of seed priming treatment in chickpea ( <i>Cicer arietinum</i> L.).	CI/ Genetics & Plant Breeding / 2014/01	Professor & Head, Dept. of Genetics & Plant Breeding, BACA, Anand
10.1.1.4	Interspecific hybridization in Custard Apple ( <i>Annona squamosa</i> )	CI/ Agri. biotech /2014/01	Professor & Head, Dept. of Agril. Biotechnology, Anand
<b>10.2 Crop Production</b>			
10.2.1.1	Effect of manures on efficiency of atrazine applied for weed management in summer pearl millet	CP/Soil Science/2014/01	Professor & Head, Dept. of Agril. Chemistry and Soil Science, BACA, Anand
10.2.1.2	Effect of different levels of nitrogen and phosphorus on dry biomass yield of Dodi ( <i>Leptadenia reticulata</i> )	CP/M & AP/2014/01	Research Scientist, M & AP, Anand
10.2.1.3	Assessment of premix broad spectrum herbicides for weed management in wheat	CP/DWSR/2014/01	Agronomist, DWSR, BACA, Anand

10.2.1.4	Effect of cutting management and fertility levels on growth and seed yields of multicut fodder sorghum var. CoFS-29	CP/MFRS/2014/01	Research Scientist, MFRS, Anand
10.2.1.5	To study the castor based intercropping system preceding <i>kharif</i> maize under middle Gujarat conditions	CP/RRS/2014/01	Research Scientist, RRS, Anand
10.2.1.6	Nitrogen management in summer sesamum under drip irrigation system in <i>goradu</i> soil of middle Gujarat conditions	CP/ARS, Thasra/2014/01	Associate Research Scientist, ARS, Thasra
10.2.1.7	The effect of nutrient management in Bt cotton to break the yield stagnation	CP/ARS, Thasra/2014/02	Associate Research Scientist, ARS, Thasra
10.2.1.8	Isolation and characterization of native <i>Rhizobium</i> isolates from summer groundnut of Chhota-Udaipur district (Sukhi River command area) of middle Gujarat	CP/Agril. Wing, Jabugam/2014/01	OSD, Agril. Wing, Jabugam
10.2.1.9	Efficacy testing of native <i>Rhizobium</i> isolates in summer groundnut	CP/Agril. Wing, Jabugam/2014/02	OSD, Agril. Wing, Jabugam
10.2.1.10	Standardization of crop geometry and its effect on yield and fibre quality of <i>desi</i> cotton under rainfed condition	CP/RCRS, Viramgam/2014/01	Associate Research Scientist, RCRS, Viramgam
10.2.1.11	Area estimation of cotton and sugarcane crop in Gujarat	CP/ Meteorology/2014/01	Professor & Head, Department of Meteorology, BACA, Anand
10.2.1.12	Web based Gramin Krishi Mausam Sewa portal GKMS	CP/ Meteorology/2014/02	Professor & Head, Department of Meteorology, BACA, Anand
10.2.1.13	Effect of sowing time on productivity of soybean varieties in middle Gujarat Agro-climatic condition	CP/ KVK, Dahod/2014/01	PC, KVK, Dahod
10.2.1.14	Effect of date of sowing on productivity of chickpea in middle Gujarat Agro-climatic condition	CP/ KVK, Dahod/2014/02	PC, KVK, Dahod
10.2.1.15	Integrated nutrient management in castor	CP/ ARS, Derol/2014/01	Research Scientist, ARS, Derol
10.2.1.16	Effects of bio-fertilizers and their method of application on yield of pigeonpea in relation to varying fertilizer levels	CP/ ARS, Derol/2014/02	Research Scientist, ARS, Derol

10.2.1.17	Effect of organic manures, bio-fertilizers and levels of phosphorus on soybean and its residual effect on <i>rabi</i> maize under middle Gujarat conditions	CP/ TRTC, Devgadh Baria/2014/01	Associate Research Scientist, TRTC, AAU, Devgadh Baria
10.2.1.18	Effect of intercropping pattern on soybean and maize yield in middle Gujarat condition	CP/ TRTC, Devgadh Baria/2014/02	Associate Research Scientist, TRTC, Devgadh Baria
10.2.1.19	Response of various soil amendments on growth and yield of <i>kharif</i> paddy through SRI (Modified)	CP/ Polytechnic, Vaso /2014/01	Associate Professor, Polytechnics in Agriculture, Vaso
10.2.1.20	Find out critical limit of Ni for soil	CP/ Micronutrients/2014/01	Associate Research Scientist, Micronutrient, Anand
10.2.1.21	Isolation and identification of strain for bio-remediation of heavy metals	CP/ Micronutrients/2014/02	Associate Research Scientist, Micronutrient, Anand
10.2.1.22	Feasibility of wheat + lucerne mix cropping	CP/Agronomy/2014/01	Professor & Head, Department of Agronomy, BACA, Anand
<b>10.3 Plant Protection</b>			
<b>I. Agril Entomology</b>			
10.3.1.1	Bio-efficacy of various insecticides against aphid in cumin	PP/Entomology/2014/01	Professor and Head, Department of Entomology, BACA, , Anand
10.3.1.2	Bio-efficacy of different insecticides against capsule borer, <i>Dichocrosis punctiferalis</i> guenee infesting castor	PP/Entomology/2014/02	Professor and Head, Department of Entomology, BACA, Anand
10.3.1.3	Integrated management of termite in wheat	PP/Entomology/2014/03	Professor and Head, Department of Entomology, BACA, Anand
10.3.1.4	BDAENC:89 Evaluation of synthetic insecticides for the control of <i>Spodoptera litura</i> fabricious infesting bidi tobacco under nursery conditions	PP/BTRS(Ento)/2014/01	Associate Research Scientist (Entomology), BTRS, Anand

10.3.1.5	Documentation and evaluation of indigenous techniques for wild boar management	PP/Ornithology/2014/01	Res. Scientist, AINP on Ornithology, Anand
10.3.1.6	Residues and persistence study of phenthoate 50 EC on cotton	PP/Pesticide Residues/2014/01	Residue Analyst, AINP on Pesticide Residues, AAU, Anand
10.3.1.7	Residues and persistence study of phosphamidon 40 SL on mustard	PP/Pesticide Residues/2014/02	Residue Analyst, AINP on Pesticide Residues, Anand
10.3.1.8	Residues and persistence Study of monocrotophos 36 SL on mustard	PP/Pesticide Residues/2014/03	Residue Analyst, AINP on Pesticide Residues, Anand
10.3.1.9	Residues and persistence study of monocrotophos 36 SL on pigeonpea	PP/Pesticide Residues/2014/04	Residue Analyst, AINP on Pesticide Residues, Anand
10.3.1.10	Residues and persistence study of monocrotophos 36 SL on castor	PP/Pesticide Residues/2014/05	Residue Analyst, AINP on Pesticide Residues, AAU, Anand
10.3.1.11	Residues and persistence study of deltamethrin 2.8 EC on chickpea	PP/Pesticide Residues/2014/06	Residue Analyst, AINP on Pesticide Residues, Anand
10.3.1.12	Residues and persistence study of penflufen + trifloxystrobin 308 FS on chickpea	PP/Pesticide Residues/2014/07	Residue Analyst, AINP on Pesticide Residues, Anand
10.3.1.13	Residues and persistence study of fluopyram 200 SC on tomato (newer molecule)	PP/Pesticide Residues/2014/08	Residue Analyst, AINP on Pesticide Residues, Anand
10.3.1.14	Residues and persistence study of fluopyram 200 + tebuconazole 200 - 400 SC on chilli (newer molecule)	PP/Pesticide Residues/2014/09	Residue Analyst, AINP on Pesticide Residues, Anand
10.3.1.15	Residues and persistence study of ipconazole + metalaxyl on maize (newer molecule)	PP/Pesticide Residues/2014/10	Residue Analyst, AINP on Pesticide Residues, Anand
10.3.1.16	Study on pesticide residues from surface and ground water under SSP phase-II area	PP/Pesticide Residues/2014/11	Residue Analyst, AINP on Pesticide Residues, Anand

10.3.1.18	Impact of sowing periods on incidence of pest complex in Pigeon pea.	PP/ Pulse(Ento),Vadodara /2014/01	Asstt. Research Scientist (Ento.), Pulse Research Station, Vadodara
10.3.1.19	Bio-efficacy of various insecticides against ear head worm, <i>Helicoverpa armigera</i> (Hubner) Hardwick infesting summer pearl millet	PP/Agri. Wing (Ento),Vaso/2014/01	Associate Professor (Ento.), College of Agriculture, Vaso
10.3.1.20	Bio-efficacy of different insecticides against major lepidopteran pests of soybean	PP/Agri. Wing (Ento),Jabugam/2014/01	Assistant Professor (Ento.), College of Agriculture, Jabugam
10.3.1.21	Bio-efficacy of newer insecticidal molecules against cucumber leaf miner, <i>Liriomyza trifolii</i> (Burgess)	PP/ Polytechnic, Anand/2014/01	Asst. Professor (Ento.), Polytechnic in Agriculture, Anand
10.3.1.22	Bio-efficacy of insecticides against girdle beetle of soybean	PP/ TRTC, Devagadh Baria/2014/01	Unit Officer, Tribal Research Cum Training Centre, Devgadh Baria and Subject Matter Specialist (Pl. Prot.), KVK, Dahod
10.3.1.23	Bio efficacy of different insecticides against stem borer infesting durum wheat	PP/ ARS (Ento),Arnej/2014/01	Associate Research Scientist(Ento.), Agril. Research Station, Arnej
<b>II. Plant Pathology</b>			
10.3.1.24	Survey and status of important diseases, pests and nematodes of selected vegetables grown under protected cultivation.	PP/PI. Pathology/2014/01	Professor & Head, Department of Pl. Pathology, BACA, Anand
10.3.1.25	Evaluation of bioagents for management of soil-borne diseases in mungbean through seed treatment and soil application.	PP/PI. Pathology/2014/02	Professor & Head, Department of Pl. Pathology, BACA, Anand
10.3.1.26	Evaluation of bioagents for management of soil-borne diseases in soybean through seed treatment and soil application.	PP/PI. Pathology/2014/03	Professor & Head, Department of Pl. Pathology, BACA, Anand

10.3.1.27	Identification of sources of resistance in mungbean against <i>Bean Common Mosaic Virus</i> (BCMV) disease	PP/Pl. Pathology/2014/04	Professor & Head, Department of Pl. Pathology, BACA, Anand
10.3.1.28	Management of seed associated <i>Fusarium oxysporum</i> f.sp. <i>ciceri</i> and <i>Macrophomina phaseolina</i> in chickpea through seed biopriming and soil application of <i>Trichoderma</i> spp.	PP/Pl. Pathology/2014/05	Professor & Head, Department of Pl. Pathology, BACA, , Anand
10.3.1.29	Effect of methods of application of <i>Trichoderma viride</i> i. e. Anubhav <i>Trichoderma</i> on incidence damping off and root rot of Tomato.	PP/Pl. Pathology/2014/06	Professor & Head, Department of Pl. Pathology, BACA, Anand
10.3.1.30	Effect of planting dates and topping levels on occurrence of diseases in bidi tobacco cv. GABT 11	PP/BTRS(Pl. Patho)/2014/01	Associate Research Scientist. (Pl. Path.), BTRS, AAU, Anand
<b>10.4 Horticulture and Agro Forestry</b>			
10.4.1.1	To evaluate the different varieties of cucumber under natural ventilated poly house	CP/Horticulture/2014/01	Professor & Head, Department of Horticulture, BACA, Anand
10.4.1.2	Effect of integrated nutrient management on growth, flowering and flower yield of annual white chrysanthemum ( <i>C. coronarium</i> L.) cv. Local	CP/Horticulture/2014/02	Professor & Head, Department of Horticulture, BACA, Anand
10.4.1.3	Evaluation of different varieties of banana as a ratoon crop in tribal area of Chhotaudepur Region of Middle Gujarat	CP/Hort., Jabugam/2014/01	Assistant Research Scientist, ARS, Jabugam
10.4.1.4	Evaluation of the possibility of inter-cropping system with banana cultivation in tribal area of Chhotaudepur region of Middle Gujarat.	CP/ Hort., Jabugam /2014/02	Assistant Research Scientist, ARS, Jabugam
10.4.1.5	Determination of effect of different sowing time for potato cultivars under Middle Gujarat condition.	CP/ Hort., Khambholaj/2014/01	Assistant Research Scientist, ARS, Khambholaj
<b>10.5 Dairy Science and Food Processing Technology</b>			
10.5.1.1	Use of Basil (Tulsi-Leaves) as flavouring ingredient in the manufacture of ice cream	DS-FPT/Dairy Technology/2014/01	Professor & Head, Department of Dairy Technology, DSC, Anand

10.5.1.2	Application of Solar Energy in Unit Operations for Milk & Milk Product Processing	DS-FPT/Dairy Engineering/2014/01	Professor & Head, Department of Dairy Engineering, DSC, Anand
10.5.1.3	Development of Technology for production of ACE-inhibitory Bioactive peptides through fermentation of soy milk and bovine milk	DS-FPT/Dairy Microbiology/2014/01	Professor & Head, Department of Dairy Microbiology, DSC, Anand
10.5.1.4	Evaluation of selected natural food additives for their suitability to enhance the quality of dairy products	DS-FPT/Dairy Chemistry/2014/01	Professor & Head, Department of Dairy Chemistry, DSC, Anand
10.5.1.5	Development of blend juice based on bottle gourd	DS-FPT/PHET/2014/01	Professor and Head, Department of PHET, FPT & BE, Anand
10.5.1.6	Development of Solar-Hybrid Refrigeration technology for on-farm safe transient storage of horticultural produce.	DS-FPT/PHET/2014/02	Professor and Head, Department of PHET, FPT & BE, Anand
10.5.1.7	Design and Development of Grader for Aonla Fruits.	DS-FPT/FPT/2014/01	Professor and Head, Department of FPT, FPT & BE, Anand
10.5.1.8	Development of osmotically dehydrated whole aonla fruit.	DS-FPT/FPT/2014/02	Professor and Head, Department of FPT, FPT & BE, Anand
10.5.1.9	Development of Nutri-rich Pumpkin Bar.	DS-FPT/FQA/2014/01	Professor and Head, Department of FQA, FPT & BE, Anand
10.5.1.10	Evaluation of synthetic food colours in selected food products.	DS-FPT/FQA/2014/02	Professor and Head, Department of FQA, FPT & BE, Anand
10.5.1.11	Development of high fibre bakery products using anola and carrot pulp after juice extraction.	DS-FPT/Horticulture/2014/01	Professor & Head, Department of Horticulture, BACA, Anand
<b>10.5 Agricultural Engineering and Agricultural Information Technology</b>			
10.5.1.12	Development of a modified manual twin wheel weeder.	AE-AIT/FMPE/2014/01	Professor & Head, Department of FMPE, CAET, Godhra

10.5.1.13	Development of a low cost planting unit for conventional plough.	AE·AIT/FMPE/2014/02	Professor & Head, Department of FMPE, CAET, Godhra
10.5.1.15	Performance Evaluation of the developed biomass combustor for drying of ginger & turmeric	AE·AIT/RE/2014/01	Professor & Head, Department of RE, CAET, Godhra
10.5.1.16	Design and development of a throat type down draft biomass gasifier for thermal application	AE·AIT/RE/2014/02	Professor & Head, Department of RE, CAET, Godhra
10.5.1.17	Comparative Study on Various Drying Techniques of Cluster Bean	AE·AIT/PAE, Dahod/2014/01	Principal, Polytechnic in Agril. Engg., AAU, Dahod
10.5.1.18	Parameterization of probability models for SUH derivation using Geomorphological model of a catchment response	AE·AIT/PAE, Dahod/2014/02	Principal, Polytechnic in Agril. Engg., Dahod
10.5.1.19	Web-Based Farm Management Information System	AE·AIT/AIT/2014/01	Principal, AIT College, Anand
10.5.1.20	Web-based Pesticide Information System (WPIS) for Chilli crop	AE·AIT/AIT/2014/02	Principal, AIT College, Anand
10.5.1.21	Web Based Application: e-Student Corner with Attendance and Result Modules	AE·AIT/AIT/2014/03	Principal, AIT College, Anand
10.5.1.22	Web User Interface Assisted Document Management System	AE·AIT/DIT/2014/01	Director, IT, Anand
10.5.1.23	Web based Capacity Building programme for the AAU	AE·AIT/DIT/2014/02	Director, IT, Anand
10.5.1.24	Online Objective/MCQ examination for Anand Agricultural University	AE·AIT/DIT/2014/03	Director, IT, Anand
10.5.1.25	Fertilizer recommendation for the Web Based Soil Health Card Portal	AE·AIT/DIT/2014/04	Director, IT, Anand
<b>10.5 Basic Science</b>			
10.6.1.1	Mining and validation of EST-SSR for gum (galactomannan) in Gur	CI/Agri. biotech/2014/01	Professor & Head, Department of Agril. Biotechnology, Anand
10.6.1.2	Mining and validation of EST-SSR for fibre development in cotton	CI/Agri. biotech/2014/02	Professor & Head, Department of Agril. Biotechnology, Anand
10.6.1.3	Micro propagation technology development in pomegranate var. Bhagwa	CI/Tissue culture/2014/01	Professor, Plant Tissue culture, Anand

10.6.1.4	Green synthesis of metallic nanoparticles and their antimicrobial activity against plant pathogens	CI/Nanotechnology/2014/01	Professor, Nanotechnology, Anand
10.6.1.5	Morphological and physiological effects of hydrophobic soil on growth of maize.	CI/Nanotechnology/2014/02	Professor, Nanotechnology, AAU, Anand
10.6.1.6	Influence of plant growth regulators and chemicals on growth and yield attributes parameters in Isabgol ( <i>Plantago ovata</i> L.)	CI/M & AP (PI.Physio)/2014/01	Research Scientist, M & AP Poject, Anand
10.6.1.7	Heat stress management in wheat in resilience with climate change under conserved moisture conditions	CI/ARS, Dhandhuka/2014/01	Assistant Research Scientist, ARS, Dhandhuka
<b>10.7 Social Science</b>			
10.7.1.1	Economic analysis of production and marketing of soyabean in middle Gujarat	SC/Ag. Econ/2014/01	Professor and Head, Department of Agricultural Economics, BACA, Anand
10.7.1.2	A comparative study of minimum support price (msp), farm harvest price (fhp) and their effect on area of major food-grain crops of Gujarat state	SC/Ag. Econ/2014/02	Professor and Head, Department of Agricultural Economics, BACA, Anand
10.7.1.3	Challenges, opportunities and expectation of stakeholders of Dairy Industries of Gujarat House approved with the suggestion to mention the number of districts, talukas and respondents to be selected for the study	SC/DBM/2014/01	Professor & Head, Department of Dairy Business Management, DSC, Anand
10.7.1.4	Optimization of feed model for dairy farmers of Anand taluka in Anand District of Gujarat	SC/IABM/2014/01	Principal, International Agri- Business Management Institute, Anand
10.7.1.5	A comparative study on credit accessibility among farmers of middle Gujarat: Tribal and Non-tribal area	SC/IABM/2014/02	Principal, International Agri- Business Management Institute, Anand

10.7.1.6	Comparative study of milk producer companies vis-à-vis traditional milk cooperatives in Saurashtra region of Gujarat	SC/IABM/2014/03	Principal, IABMI, Anand
10.7.1.7	A study of occupational health problems faced by tobacco farm workers in Anand taluka	SC/IABM/2014/04	Principal, IABMI, Anand
10.7.1.8	Determination of optimum cropping pattern and income level – A case study	SC/FPT/2014/01	Dr. S. K. Meher & P. S. Parsania, College of FPT & BE, Anand
10.7.1.9	Post harvest handling of selected fresh vegetables in Anand district	SC/FPT/2014/02	Er. K. V. Vala (Bio Energy), Er. Rishabh Gupta (Post harvest Engg) and Dr. D. C. Joshi College of FPT & BE, Anand
10.7.1.10	Problems and prospects of green house in Anand district: A case study	SC/Hort. Wing/2014/01	Dr. B. L. Dudhat, Asstt. Prof. & Dr. B.N. Satodiya, Assoc. Prof., College of Horticulture, Anand
10.7.1.11	An Economic analysis of summer groundnut production of Tribal area of Chhotaudaipur district (Sukhi Command area) of Middle Gujarat	SC/ARS, Jabugam/2014/01	Prof. H. C. Parmar, Asstt. Prof., ARS, Jabugam
10.7.1.12	Grouping of rice ( <i>Oryza sativa</i> L.) genotypes using cluster analysis	SC/MRRS, Nawagam/2014/01	Dr. A. N. Khokhar, Assoc. Res. Sci., MRRS, Nawagam
10.7.1.13	Development and standardization of attitude scale of farmers towards the use of mineral mixture in cattle	SC/ Ext. Edu./2014/01	Dr. J. B. Patel & Dr. N. B. Chauhan, Dept. of Extension Education, BACA, Anand
10.7.1.14	Development and standardization of attitude scale of farmers towards dehorning in cattle	SC/ Ext. Edu./2014/02	Dr. B. M. Patel & Dr. N. B. Chauhan, Dept. of Extension Education, BACA, Anand
10.7.1.15	Opinion of the livestock farmers regarding the Ambulatory services provided by Veterinary Science Collage , AAU, Anand	SC/ Vet. Ext. Edu./2014/01	Dr A.C. Vaidhya, Assoc. Prof., Dept. of Veterinary Extension

			Education, Veterinary College, Anand
10.7.1.16	Impact of the Mahila Pasupalan TalimYojana programme on trained women	SC/ RBRU/2014/01	Dr. Ankita Killedar, Prof. & Head, RBRU, Veterinary College, Anand
10.7.1.17	Effectiveness of Training methods of Trainers performing at Extension Education Institute, Anand as perceived by Trainees	SC/ EEI/2014/01	Dr. C. P. Desai, Dr. G.M. Patel & Dr. A.C. Patel, Extension Education Institute, Anand
10.7.1.18	Assessment of training needs of the state officials of agriculture and allied departments of western India	SC/ EEI/2014/02	Dr. M. R. Patel, Extension Education Institute, Anand
10.7.1.19	Attitude of Brinjal growers about CV. Gujarat oblong Brinjal- 1 (GOB-1) released by AAU	SC/ DoE/2014/01	Dr. D. D. Patel, Directorate of Extension Education, Anand
10.7.1.20	Attitude of Extension Functionaries towards ATMA	SC/ EEI/2014/03	Prof. B. D. Patel & Prof. A. G. Sukhadia, Extension Education Institute, Anand
10.7.1.21	Agricultural Journalism skill among under graduate students of Agricultural College of Anand Agricultural University of Gujarat	SC/ IDEA/2014/01	Dr. Meenaben C. Patel and Dr. P. M. Bhatt, Institute of Distance Education (IDEA), Anand
10.7.1.22	Perception of parents and Anganwadi workers about effectiveness of Anganwadi scheme regarding supplementary nutrition for children registered with ICDS Anganwadies	SC/ Polytechnic, FS & HE/2014/01	Smt. H. H. Chawda and Minaxi R. Prajapati, Polytechnic in Food Science and Home Economics, Anand
10.7.1.23	A study on scientific knowledge and adoption level of trained and untrained paddy growers of Kheda district	SC/ Polytechnic, Agri, Vaso/2014/01	Dr. A. R. Macwan, Polytechnic in Agriculture, Vaso

10.7.1.24	Extent of knowledge and adoption of wheat production technology by farmers of Vaso taluka of Kheda district	SC/ Polytechnic, Agri, Vaso/2014/02	Dr. Bindu Christian, Polytechnic in Agriculture, Vaso
10.7.1.25	Adoption of scientific cultivation of Maize in middle Gujarat Zone-III	SC/ MMRS, Godhra/2014/01	Dr. K.H. Patel, MMRS, Godhra. & Dr. U.M. Patel, KVK, Dahod
10.7.1.26	Technical problems faced by the Poultry farmers of Anand taluka	SC/ Poultry/2014/01	Dr. Hirani, Poultry Training centre, Anand
10.7.1.27	Success story of successful and unsuccessful trainees of Mali Training centre, BACA, AAU, Anand	Dropped	Prof. J. S. Patel, Asstt. Prof., Mali Training Centre, BACA, Anand
10.7.1.28	Knowledge and adoption regarding freshwater aquaculture among fish farmers of Kheda district	SC/KVK, Devataj/2014/01	Dr. G. G. Patel, Prog. Co-ordinator, Krushi Vigyan Kendra, Devataj
10.7.1.29	Health status of Bhal region community	SC/KVK, Arnej/2014/01	Dr. Gayatree Jadeja, SMS, Krushi Vigyan Kendra, Arnej
10.7.1.30	Technological gaps in adoption of improved chickpea cultivation practices in Dahod district	SC/KVK, Dahod/2014/01	Dr. Umesh R. Patel, Prog. Co-ordinator, Krushi Vigyan Kendra, Dahod
10.7.1.31	Knowledge and adoption of green gram production technology by green gram growers in Chotaudaipur district of Gujarat	SC/KVK, Mangalbharti/2014/01	Dr. B.L. Bhayal, Krushi Vigyan Kendra, Mangalbharti
10.7.1.32	Study of knowledge & adoption of Sponge gourd & Ivy gourd production technology by Sponge gourd & Ivy gourd growers in Kheda & Mahemdavad Taluka of Kheda district	SC/KVK, Dethali/2014/01	Dr. P. K. Sharma, Krushi Vigyan Kendra, Dethali
10.7.1.33	Impact of training program on knowledge and adoption level of fruit production technology by KVK Panchmahal	SC/KVK, Vejalpur/2014/01	Smt. Kanaklata, Prog. Co-ordinator, KVK, Vejalpur
10.7.1.34	Impact study of improved sickle by KVK Panchmahal	SC/KVK, Vejalpur/2014/02	Smt. Kanaklata, Prog. Co-ordinator, KVK, Vejalpur

10.7.1.35	Adoption of 'No cost' and 'Low cost' technologies of animal husbandry by the dairy farmers in operational area of DVK	SC/DVK, Vejalpur/2014/01	Dr. J. K. Patel, DVK, Vejalpur
10.7.1.36	Adoption of 'No cost' and 'Low cost' technologies of animal husbandry practices by the dairy farmers in operational area of PVK	SC/PVK, D'baria/2014/01	Dr. S. G. Vohra, PVK, Limkheda
10.7.1.37	Knowledge and adoption of castor growers in Ahmedabad district	SC/TOT, Arnej/2014/01	Dr. Jakasania, TOT, Arnej
10.7.1.38	Knowledge and adoption of castor production technology by castor growers in Anand district	SC/DoE/2014/01	Dr. H. B. Patel, Assoc. Ext. Edu., DoE, Anand & Programme Coordinator, KVK, Devataj
10.7.1.39	Knowledge of the trained farmers regarding application of bio-fertilizers	SC/SSK/2014/01	Dr. Mukesh R. Patel, SSK,DOEE, Anand
10.7.1.40	Technical problems faced by the tribal farmers in major crops of Dahod district	SC/Polyclinic, Dahod/2014/01	Scientist in-charge, Agri-Polyclinic, Dahod
10.7.1.41	Growth and nutritional status of school going children (7-10 Years)	SC/TFWTC, D'Baria/2014/01	Miss Dipti Patel, TRTC & TFWTC, Devgadh-Baria
<b>10.8 Animal Production and Fisheries</b>			
10.8.1.1	Study the impact of Proactive measures in pregnant cows and buffaloes for reducing peripartum complications and birth of viable calves.	AP/RBRU/2014/01	Research Scientist, RBRU, Veterinary College, Anand
10.8.1.2	Study to find out optimum weight of Pubertal Surti and Marwadi female goat kids for first time breeding and subsequent delivery of viable kids.	AP/RBRU/2014/02	Research Scientist, RBRU, Veterinary College, Anand
10.8.1.3	Effect of selected herbal feed additives on <i>in vivo</i> rumen fermentation and nutrient utilization Surti goats.	AP/ANRS/2014/01	Research Scientist, ANRS, Veterinary College, Anand
10.8.1.4	To evolve area specific mineral mixture for dairy animals in Vadodara district.	AP/ANRS/2014/02	Research Scientist, ANRS, Veterinary College, Anand
10.8.1.5	Studies on the effect of feeding bypass fat and yeast ( <i>Saccharomyces cerevisiae</i> ) supplemented total mixed ration to Surti goats during hot summer.	AP/ANRS/2014/03	Research Scientist, ANRS, Veterinary College, Anand

10.8.1.6	Screening for determination of optimum level of dried date palm ( <i>Phoenix dactylifera</i> L. [Arecaceae] leaves incorporation in Total Mixed Rations for livestock.	AP/ANRS/2014/04	Research Scientist, ANRS, Veterinary College, Anand
10.8.1.7	Evaluation of using green date palm ( <i>Phoenix dactylifera</i> L. [Arecaceae] leaves in the ration of bullocks.	AP/ANRS/2014/05	Research Scientist, ANRS, Veterinary College, Anand
10.8.1.8	Effect of feeding bypass fat and concentrate mixture containing bypass protein on milk production in buffaloes	AP/ANRS/2014/06	Research Scientist, ANRS, Veterinary College, Anand
10.8.1.9	Effect of feeding bypass fat, concentrate mixture containing bypass protein and area-specific mineral mixture on milk production in buffaloes of tribal areas of Panchmahal districts	AP/ANRS/2014/07	Research Scientist, ANRS, Veterinary College, Anand
10.8.1.10	Methane mitigation in buffaloes using legume straw based total mixed ration.	AP/ANRS/2014/08	Research Scientist, ANRS, Veterinary College, Anand
10.8.1.11	Study of nutritional status of dairy animals of Mahisagar district.	AP/ANRS/2014/09	Research Scientist, ANRS, Veterinary College, Anand
10.8.1.12	Studies on silage making in polypropylene silage bags	AP/ANRS/2014/10	Research Scientist, ANRS, Veterinary College, Anand
10.8.1.13	To study the effects of feeding different quality maize on production performance and egg quality parameters of White Leghorn birds	AP/Poultry Complex/2014/01	Research Scientist, Poultry Complex, Veterinary College, Anand
10.8.1.14	Maintenance and improvement of Anand Bantamised White Leghorn	AP/Poultry Complex/2014/02	Research Scientist, Poultry Complex, Veterinary College, Anand
10.8.1.15	Maintenance and improvement of Anand Synthetic White Leghorn	AP/Poultry Complex/2014/03	Research Scientist, Poultry Complex, Veterinary College, Anand
10.8.1.16	Regulation of Activin receptor type IIB (ACVR2B) expression through RNA interference in Goat Myoblast Cells	AP/ Animal Biotechnology/2014/01	Professor, Animal Biotech. Veterinary College, Anand

10.8.1.17	Development of Recombinant Viral Vected Bivalent Vaccine against Marek's and Newcastle Disease Virus in Poultry	AP/ Animal Biotechnology/2014/02	Professor, Animal Biotech. Veterinary College, Anand
10.8.1.18	SNPs Detection and Validation in Squamous Cell Carcinoma of Horn in Kankrej Cattle ( <i>Bos indicus</i> )	AP/ Animal Biotechnology/2014/03	Professor, Animal Biotechnology, Veterinary College, Anand
10.8.1.19	Studies on dairy temperament and its association with milk yield and milkability traits in Kankrej, Gir and crossbred cows.	AP/ Animal Science/2014/01	Professor and Head, Department of Animal Science, BACA, Anand
<b>Animal Health</b>			
10.8.1.20	To determine <i>in-vitro</i> antibacterial activity of aqueous, alcoholic and chloroform extracts of <i>Phyllanthus emblica</i> (Amla)	AH/Pharmacology & Toxicology / 2014 / 01	Professor and Head, Dept. of Veterinary Pharmacology & Toxicology, Veterinary College, Anand
10.8.1.21	Toxicopathological studies of carprofen in broiler chicks	AH/Vet. Pathology/2014/01	Professor and Head, Dept. of Veterinary Pathology, Veterinary College, Anand
10.8.1.22	Isolation and identification of Infectious Bronchitis Virus	AH/Vet. Microbiology/2014/01	Professor and Head, Dept. of Veterinary Microbiology, Veterinary College, Anand
10.8.1.23	Sequencing and analysis of Newcastle disease virus gene	AH/Vet. Microbiology/2014/02	Professor and Head, Dept. of Veterinary Microbiology, Veterinary College, Anand
10.8.1.24	Standardization and application of Polymerase Chain Reaction technique for diagnosis of <i>P. multocida</i> directly from blood and tissues	AH/Vet. Microbiology/2014/03	Professor and Head, Dept. of Veterinary Microbiology, Veterinary College, Anand

10.8.1.25	Evaluation of Relative Efficacy of Different Commercial Extenders for Refrigeration (5°C) and Cryopreservation (-196°C) of Buffalo Semen	AH/Vet. Gynaecology/2014/01	Professor and Head, Dept. of VGOB, Veterinary College, AAU, Anand
10.8.1.26	Augmenting Fertility in Anoestrus and Repeat Breeding Cows and Buffaloes through Controlled Breeding Techniques in Tribal Areas of Panchamahar District	AH/Vet. Gynaecology/2014/02	Professor and Head, Dept. of VGOB, Veterinary College, Anand
10.8.1.27	Studies on Follicular Dynamics using Ultrasonography of Spontaneous and Induced Oestrous Cycle in Gir and Crossbred (HF x K) Cattle	AH/Vet. Gynaecology/2014/03	Professor and Head, Dept. of VGOB, Veterinary College, Anand
10.8.1.28	Isolation and characterization of <i>Campylobacter</i> spp. from Milk and Milk Products sources	AH/Vet. Public Health/2014/01	Professor and Head, Dept. of VPH, Veterinary College, Anand
10.8.1.29	Isolation and characterization of Salmonellae from mutton and chevon	AH/Vet. Public Health/2014/02	Professor and Head, Dept. of VPH, Veterinary College, Anand
10.8.1.30.	Isolation and characterization of Salmonellae from pork and slaughter house environment	AH/Vet. Public Health/2014/03	Professor and Head, Dept. of VPH, Veterinary College, Anand
10.8.1.31.	Multilocus sequence typing of <i>Campylobacter jejuni</i> isolates	AH/Vet. Public Health/2014/04	Professor and Head, Dept. of VPH, Veterinary College, Anand