

**DIRECTORATE OF RESEARCH  
ANAND AGRICULTURAL UNIVERSITY  
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No. AAU/DR/RES/T-3/ 4051 /2024

Date: 9/09/2024

To,

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

Sub : Experiment code number.....20<sup>th</sup> Combined AGRESCO

Enclosed, please find herewith the code numbers assigned to the New Technical Programme/s which is/are approved in 20<sup>th</sup> Combined AGRESCO of SAUs held during **10<sup>th</sup> May to 17<sup>th</sup> May, 2024** through **virtual mode**. Now, you are requested to use these code numbers in AGRESCO report in future.

Encl : As above

  
**Director of Research &  
Dean P. G. Studies**

**NEW TECHNICAL PROGRAMMES APPROVED IN 20<sup>TH</sup> COMBINED AGRESO HELD ONLINE HOSTED BY NAU, NAVSARI  
(2024)**

**Abbreviations**

**CI : Crop Improvement**

**CP : Crop Production**

**PP : Plant Protection**

**SS : Social Sciences**

**FPT·AE·AIT : Food Processing Technology Agricultural Engineering and  
Agricultural Information Technology**

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
<b>20.1 Crop Improvement</b>			
<b>20.1.3.1</b>	Influence of different seed treatments on seed germination and vigour parameter in Holy basil ( <i>Ocimum tenuiflorum</i> L.)	CI/ Seed Science & Technology, BACA/2024/01	Assistant Professor and Head, Dept. of Seed Science & Technology, BACA, AAU, Anand
<b>20.1.3.2</b>	Embryo rescue for intervarietal hybridization in mango ( <i>Mangifera indica</i> L.)	CI/ Genetics and Plant Breeding, BACA/2024/01	Prof. and Head, Dept. of Genetics and Plant Breeding, BACA, AAU, Anand
<b>20.1.3.3</b>	Evaluation and identification of pearl millet genotypes having high beta-carotene, Fe and Zn content	<b>Not Approved</b>	Principal, College of Agriculture, AAU, Jabugam
<b>20.1.3.4</b>	Effect of different harvesting period on yield and phytochemical contents and its consequences on sprouting of safed musli	CI/ M&APRS, Anand /2024/01	Associate Research Scientist, MAPRS, AAU, Anand
<b>20.1.3.5</b>	Evaluation of different gladiolus genotypes for yield and growth parameters	<b>Shifted to Horticulture Sub committee</b>	Unit Officer, Sheth D. M. Polytechnique in Horticulture, Vadodara
<b>20.1.3.6</b>	Genetic compatibility among genotypes and optimization of seed germination in sweet potato ( <i>Ipomoea batatas</i> L.) under middle Gujarat condition	CI/ MVRS, Anand /2024/01	Research Scientist (Veg.), Main Vegetable Research Station, AAU, Anand
<b>20.1.3.7</b>	Influence of seed pelleting on germination, plant growth and yield in Mustard ( <i>Brassica juncea</i> (L.) Czern)	CI/ Seed Science & Technology, BACA and RRS, Anand /2024/02	Assistant Professor and Head, Dept. of Seed Sci. and Tech., BACA & Research Scientist & Nodal Officer (Seed) and Head (I/C), RRS, AAU, Anand

Sr. No.	Title of Experiment	Code Number	Implementing Department/Unit
<b>20.2 Crop Production</b>			
20.2.3.42	Assessment of crop management module in Maize + Soybean - Wheat + Chickpea cropping system	CP/Agronomy, BACA/2024/01	Professor & Head, Department of Agronomy, BACA, AAU, Anand
20.2.3.43	Effect of seed rate, method of sowing and level of nitrogen on yield and quality of fodder maize in <i>Kharif</i>	CP/MFRS, Anand/2024/01	Research Scientist, MFRS, AAU, Anand
20.2.3.44	Effect of seed rate, method of sowing and level of nitrogen on yield and quality of fodder maize in <i>Rabi</i>	CP/MFRS, Anand/2024/02	Research Scientist, MFRS, AAU, Anand
20.2.3.45	Effect of different irrigation and shading levels on heat stress in tomato	CP/Ag. Meteorology, BACA/2024/01	Professor and Head, Department of Ag. Meteorology, BACA, AAU, Anand
20.2.3.46	Climate change impact assessment and adaptation strategies for cotton in different district of middle Gujarat region	CP/Ag. Meteorology, BACA/2024/02	Professor and Head, Department of Ag. Meteorology, BACA, AAU, Anand
20.2.3.47	Efficacy of microbial bio-stimulant on wheat	CP/Ag. Microbiology, BACA /2024/01	Prof. & Head, Dept. of Microbiology, BACA, AAU, Anand
20.2.3.48	Effect of organic and inorganic sources of phosphorus on yield and quality of wheat	CP/Soil Science and Ag. Chem., BACA/2024/01	Professor and Head Dept. of Soil Science and Ag. Chem., BACA, AAU, Anand
20.2.3.49	Characterization of soil of <i>Kansari</i> farm	CP/Soil Science and Ag. Chem., BACA/2024/02	Professor and Head Dept. of Soil Science and Ag. Chem., BACA, AAU, Anand
20.2.3.50	Bio-efficacy of herbicide against complex weed flora in potato	CP/Weed Control/2024/01	Agronomist, AICRP-Weed Management, BACA, AAU, Anand
20.2.3.51	Bio-efficacy of herbicide against complex weed flora in rice nursery	CP/Weed Control/2024/02	Agronomist, AICRP-Weed Management, BACA, AAU, Anand
20.2.3.52	Influence of micronutrients enriched vermicompost on yield and nutrient of wheat and soil properties	CP/Micronutrient/2024/01	Associate Research Scientist, Micronutrient Res. Centre, AAU, Anand

<b>Sr. No.</b>	<b>Title of Experiment</b>	<b>Code Number</b>	<b>Implementing Department/Unit</b>
<b>20.2.3.53</b>	Influence of micronutrients enriched vermicompost on yield and nutrient of maize and soil properties	CP/ Micronutrient/2024/02	Associate Research Scientist, Micronutrient Res. Centre, AAU, Anand
<b>20.2.3.54</b>	Effect of different method of sowing and seed rate on growth and yield of shankpuspi	CP/ M&APRS, Anand/2024/01	Associate Research Scientist, M&APRS, AAU, Anand
<b>20.2.3.55</b>	Assessment of crop management module in Rice – Wheat + Chickpea cropping system	CP/ RRS, Anand /2024/01	Research Scientist, RRS, AAU, Anand
<b>20.2.3.56</b>	Nutrient management in mustard	CP/Agronomy, CoA, Jabugam /2024/01	Principal, CoA, AAU, Jabugam
<b>20.2.3.57</b>	Effect of soil and foliar application of multimicronutrient mixture on growth, yield and nutrient content of hybrid maize	CP/ ARS, Derol /2024/01	Asso. Research Scientist, Agril. Research Station, AAU, Derol
<b>20.2.3.58</b>	Effects of spacing and nitrogen on Bt cotton grown under heavy black soil of middle Gujarat	CP/ NIRP, Khandha /2024/01	Assistant Research Scientist, NIRP, AAU, Khandha
<b>20.2.3.59</b>	Optimizing method of sowing and seed rate of fine grain rice under DSR method	CP/MRRS, Nawagam /2024/01	Research Scientist (Rice), MRRS, AAU, Nawagam
<b>20.2.3.60</b>	Optimizing method of sowing and seed rate of bold grain rice under DSR method	CP/MRRS, Nawagam /2024/02	Research Scientist (Rice), MRRS, AAU, Nawagam
<b>20.2.3.61</b>	Mapping of salt-affected soils of Bhal and Khabhat regions using remote sensing data	CP/ Pesticide Residue, Anand/2024/01	Residue Analyst, AINP on Pesticide residues, AAU, Anand
<b>20.2.3.62</b>	Impact of organic amendments on pesticide degradation in soils	CP/ Pesticide Residue, Anand/2024/02	Residue Analyst, AINP on Pesticide residues, AAU, Anand
<b>20.2.3.63</b>	Assessment of crop management module in Maize + Green gram - Wheat + Lucerne intercropping system	CP/ NIRP, Khandha /2024/02	Assistant Research Scientist, NIRP, AAU, Khandha
<b>20.2.3.64</b>	Assessment of crop management module in transplanted Rice during <i>Kharif</i> and Summer season	CP/PRS, Dabhoi /2024/01	Assistant Research Scientist, PRS, AAU, Dabhoi
<b>20.2.3.65</b>	Assessment of crop management module in Pigeonpea + Soybean intercropping system	CP/PRS, Vadodara /2024/01	Assistant Research Scientist, Pulse Research Station, AAU, Vadodara

<b>Sr. No.</b>	<b>Title of Experiment</b>	<b>Code Number</b>	<b>Implementing Department/Unit</b>
<b>20.2.3.66</b>	Assessment of crop management module in Banana + Blackgram intercropping system	CP/Agronomy, CoA, Jabugam /2024/02	Principal, CoA, AAU, Jabugam
<b>20.2.3.67</b>	Assessment of crop management module in Finger millet + Soybean-Garlic cropping system	CP/ARS, Dahod /2024/01	Associate Research Scientist, ARS, AAU, Dahod
<b>20.2.3.68</b>	Assessment of crop management module in Direct Seeded Rice-Potato cropping system	CP/ARS, Thasra /2024/01	Associate Research Scientist, ARS, AAU, Thasra
<b>20.2.3.69</b>	Assessment of crop management module in transplanted Rice-Wheat + Mustard cropping system	CP/Agro., CoA, Vaso /2024/01	Principal, CoA, AAU, Vaso
<b>20.2.3.70</b>	Assessment of crop management module in Duram Wheat + Chickpea cropping system	CP/ARS, Dhandhuka /2024/01	Assistant Research Scientist, ARS, AAU, Dhandhuka
<b>20.2.3.71</b>	Assessment of crop management module in Castor + Groundnut intercropping system	CP/ARS, Sansoli /2024/01	Associate Research Scientist, ARS, AAU, Sansoli
<b>20.2.3.72</b>	Assessment of crop management module in Castor + Groundnut intercropping system	CP/RRS, Anand and ARS, Kansari/2024/01	Research Scientist, RRS, AAU, Anand and Head, ARS, AAU, Kansari
<b>20.2.3.73</b>	Assessment of crop management module in Direct Seeded Rice-Wheat + Chickpea cropping system	CP/RRS, Anand and ARS, Kansari/2024/02	Research Scientist, RRS, AAU, Anand and Head, ARS, AAU, Kansari
<b>20.2.3.74</b>	Assessment of crop management module in Pigeonpea + Soybean intercropping system	CP/ ARS, Derol /2024/02	Asso. Research Scientist, Agril. Research Station, AAU, Derol
<b>20.2.3.75</b>	Assessment of crop management module in Duram Wheat + Chickpea intercropping system	CP/ARS, Arnej /2024/01	Assistant Research Scientist, ARS, AAU, Arnej
<b>20.2.3.76</b>	Assessment of crop management module in Cumin	CP/KVK, Arnej /2024/01	Senior Scientist and Head, KVK, AAU, Arnej
<b>20.2.3.77</b>	Assessment of crop management module in Brinjal and Tomato + Fenugreek intercropping system	CP/MVRS, Anand /2024/01	Research Scientist, MVRS, AAU, Anand

<b>20.3 Plant Protection</b>			
<b>I. Agril Entomology</b>			
<b>20.3.3.48</b>	Evaluation of various natural inputs against pulse beetle, <i>Callosobruchus chinensis</i> (Linnaeus) infesting stored green gram	PP/Entomology, BACA /2024/01	Professor and Head, Dept. of Entomology, BACA, AAU, Anand
<b>20.3.3.49</b>	Effect of Nitrogen based nano fertilizers on pollinator fauna in mustard	PP/Entomology, BACA & Biochemistry, BACA/2024/02	(1) Professor & Head, Dept. of Agril. Entomology, BACA, AAU, Anand, (2) Professor & Head, Dept. of Biochemistry, BACA, AAU, Anand
<b>20.3.3.50</b>	Efficacy of bio-inputs against sweet potato weevil, <i>Cylas formicarius</i> (F.)	PP/Biocontrol, Anand /2024/01	Principal Research Scientist, AICRP on Biocontrol of Crop Pests, AAU, Anand
<b>20.3.3.51</b>	Effect of chitosan in combination with microbial biopesticides against spotted pod borer, <i>Maruca vitrata</i> (Fab.) infesting Indian bean	PP/Biocontrol, Anand /2024/02	Principal Research Scientist, AICRP on Biocontrol of Crop Pests, AAU, Anand
<b>20.3.3.52</b>	Seasonal incidence of pest complex infesting Indian bean	<b>Not Approved</b>	Principal Research Scientist, AICRP on Biocontrol of Crop Pests, AAU, Anand
<b>20.3.3.53</b>	Effect of physical repellents for parakeet damaging chilli crop	PP/Ornithology, Anand /2024/01	Associate Research Scientist, AINP VPM: Agril. Ornithology, Anand
<b>20.3.3.54</b>	Evaluation of various insecticides against stem borer, <i>Scrobipalpa heliopa</i> (Lower) in tobacco	PP/BTRS (Ento.), Anand /2024 /01	Research Scientist, BTRS, AAU, Anand
<b>20.3.3.55</b>	Incidence of insect-pests and diseases of groundnut in Middle Gujarat	<b>Not Approved</b>	Principal, SMC Polytechnic in Agriculture, AAU, Anand
<b>20.3.3.56</b>	Seasonal incidence of major insect pests of pearl millet	<b>Not Approved</b>	Research Scientist, RRS, AAU, Anand
<b>20.3.3.57</b>	Effect of storage bag and insecticides against lesser grain borer infesting wheat seed under storage	PP/RRS (Ento.), Anand / 2024/01	Research Scientist, RRS, AAU, Anand
<b>20.3.3.58</b>	Effect of aluminum phosphide on groundnut bruchid during groundnut storage	PP/RRS (Ento.), Anand / 2024/02	Research Scientist, RRS, AAU, Anand
<b>20.3.3.59</b>	Evaluation of different acaricides against spider mite, <i>Tetranychus urticae</i> infesting brinjal	PP/ MVRS (Ento.), Anand / 2024 /01	Research Scientist, MVRS, AAU, Anand

<b>20.3.3.60</b>	Evaluation of different modules against major lepidopteran insect-pests infesting cabbage	PP/Entomology, CoH, Anand /2024/01	Assistant Professor and Head, Dept. of Plant Protection, CoH, AAU, Anand
<b>20.3.3.61</b>	Bio-efficacy of insecticides against fruit borers infesting jamun	PP/Entomology, CoH, Anand /2024/02	Assistant Professor and Head, Dept. of Plant Protection, CoH, AAU, Anand
<b>20.3.3.62</b>	Seasonal incidence of major insect-pests and diseases in rice	<b>Not Approved</b>	Research Scientist, MRRS, AAU, Nawagam
<b>20.3.3.63</b>	Seasonal incidence and avoidable yield losses in chickpea caused by gram pod borer, <i>Helicoverpa armigera</i> (Hübner)	<b>Not Approved</b>	Associate Research Scientist Agricultural Research Station, AAU, Derol
<b>20.3.3.64</b>	Residues and persistence study of beta-cyfluthrin, imidacloprid, fluopicolide and propamocarb hydrochloride in pomegranate	PP/Pesticide Residues /2024/01	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
<b>20.3.3.65</b>	Residues and persistence study of spirotetramat, spidoxamat and spinetoram in tomato	PP/Pesticide Residues /2024/02	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
<b>20.3.3.66</b>	Evaluation of post-harvest processing techniques for minimization of the pesticide residues in cumin seeds	PP/Pesticide Residues /2024/03	Residue Analyst, AINP on Pesticide Residues, ICAR, AAU, Anand
<b>20.3.3.67</b>	Assessment of seasonal incidence of major insect pests and diseases in maize	<b>Not Approved</b>	Research Scientist, Main Maize Research Station, AAU, Godhra
<b>II. Plant Pathology and Nematology</b>			
<b>20.3.3.68</b>	Efficacy of botanicals against late blight of potato	PP/Plant Pathology, BACA /2024/01	Professor and Head, Dept. of Pl. Pathology, BACA, AAU, Anand
<b>20.3.3.69</b>	Assessment of different sawdust substrates on growth and yield of Reishi Mushroom ( <i>Ganoderma lucidum</i> )	PP/Plant Pathology, BACA /2024/02	Professor and Head, Dept. of Pl. Pathology, BACA, AAU, Anand
<b>20.3.3.70</b>	Evaluation of eco-friendly inputs against of root-knot nematodes, <i>Meloidogyne</i> spp. in tomato	PP/Nematology, BACA /2024/01	Professor and Head, Dept. of Nematology, BACA, AAU, Anand
<b>20.3.3.71</b>	Evaluation of bioagents against root-knot nematodes, <i>Meloidogyne</i> spp. in Indian bean	PP/Nematology, BACA /2024/02	Professor and Head, Dept. of Nematology, BACA, AAU, Anand

<b>20.3.3.72</b>	Evaluation of ready-mix fungicides against <i>Alternaria</i> blight of cluster bean	PP/Plant Pathology, CoH, Anand /2024/01	Assistant Professor and Head, Dept. of Plant Protection, CoH, AAU, Anand
<b>20.3.3.73</b>	Evaluation of fungicides as a seed treatment against major diseases in chickpea	PP/Plant Pathology, CoA, Jabugam /2024/01	Assistant Professor and Head, Dept. of Plant Pathology, College of Agriculture, AAU, Jabugam
<b>20.3.3.74</b>	Efficacy of fungicides in control of <i>Turcicum</i> leaf blight in maize	PP/MMRS (Patho.), Godhra /2024/01	Research Scientist, Main Maize Research Station, AAU, Godhra
<b>20.4 Horticulture and Agro Forestry</b>			
<b>20.4.3.42</b>	Effects of growing methods and media on growth, yield and cut flower quality of <i>Gypsophila (Gypsophila paniculata L.)</i> under naturally ventilated green house.	CP (Horti.)/FLA, CoH, Anand/2024/01	Assistant Professor & Head, Dept. of FLA, College of Horticulture, AAU, Anand
<b>20.4.3.43</b>	Effect of hydroponic methods on growth yield and quality of mint ( <i>Mentha arvensis L.</i> )	CP (Horti.)/Vegetable Sci., CoH, Anand/2024/02	Associate Professor & Head, Dept. of Vegetable Science, College of Horticulture, AAU, Anand
<b>20.4.3.44</b>	Effect of growing conditions and soilless media on growth and yield of capsicum	CP (Horti.)/Vegetable Sci., CoH, Anand/2024/03	Associate Professor & Head, Dept. of Vegetable Science, College of Horticulture, AAU, Anand
<b>20.4.3.45</b>	Effect of Nutrient management on growth and yield of turmeric ( <i>Curcuma longa L.</i> )	CP (Horti.)/NRM, CoH, Anand/2024/04	Assistant Professor & Head, Dept. of NRM, College of Horticulture, AAU, Anand
<b>20.4.3.46</b>	Effect of organic and natural sources of nutrients for growth, yield and quality of vegetable cluster bean	CP (Horti.)/AHRS, Khambholaj /2024/01	Unit officer, AHRS, AAU, Khambholaj
<b>20.4.3.47</b>	Effect of NPK on growth, yield and quality of Banana cv. Anand Vaaman	CP (Horti.)/Agronomy, CoA, Jabugam /2024/01	Principal, CoA, AAU, Jabugam
<b>20.4.3.48</b>	Evaluation of Tomato varieties under summer season in Gujarat condition	CP (Horti.)/MVRS, Anand/2024/01	Research Scientist, MVRS, AAU, Anand
<b>20.4.3.49</b>	Evaluation of different gladiolus genotypes for yield and growth parameters ( <b>Shifted from Crop Improvement committee</b> )	CP (Horti.)/Polytech. (Horti.), Vadodara/2023/02	Unit Officer, Sheth D. M. Polytechnique in Horticulture, Vadodara



<b>20.5 FPT&amp;BE, Agricultural Engineering and AIT</b>			
<b>20.5.3.31</b>	Study on agricultural drone spraying operational parameters for paddy crop	FPT·AE·AIT/ FMPE, CAET/ 2024/01	PI & HOD, Dept. of FMPE, CAET, AAU, Godhra
<b>20.5.3.32</b>	Development of battery operated multicrop planter	FPT·AE·AIT/ FMPE, CAET/ 2024/02	PI & HOD, Dept. of FMPE, CAET, AAU, Godhra
<b>20.5.3.33</b>	Development of amaranth and millet based <i>farali dhokla</i> mix	FPT·AE·AIT/ FPT, FPT&BE/ 2024/01	PI & HOD, Dept. of FPT, FPT&BE, AAU, Anand
<b>20.5.3.34</b>	Development and quality assessment of muffins prepared from jackfruit seed flour and sorghum flour	FPT·AE·AIT/ FPT, FPT&BE/ 2024/02	PI & HOD, Dept. of FPT, FPT&BE, AAU, Anand
<b>20.5.3.35</b>	Technology for production of unripe banana flour using vacuum drying techniques	FPT·AE·AIT/ FPT, FPT&BE/ 2024/03	PI & HOD, Dept. of FPT, FPT&BE, AAU, Anand
<b>20.5.3.36</b>	Standardization of drying technique for production of manure from biogas plant digested slurry	<b>Not Approved</b>	PI & HOD, Dept. of FPE, FPT&BE, AAU, Anand
<b>20.5.3.37</b>	Determination of various properties of dragon fruit	<b>Not Approved</b>	PI & HOD, Dept. of FPE, FPT&BE, AAU, Anand
<b>20.5.3.38</b>	Performance evaluation of selected grid-connected solar photovoltaic system	<b>Not Approved</b>	PI & HOD, Dept. of FPE, FPT&BE, AAU, Anand
<b>20.5.3.39</b>	Evaluation of adulteration in groundnut oil	<b>Not Approved</b>	PI & HOD, Dept. of FSQA, FPT&BE, AAU, Anand
<b>20.5.3.40</b>	Detection of adulteration in Basmati Rice using marker assistant method	<b>Not Approved</b>	PI & HOD, Dept. of FSQA, FPT&BE, AAU, Anand
<b>20.5.3.41</b>	Supercritical fluid extraction of mango seed kernel oil	FPT·AE·AIT/ FSQA, FPT&BE/ 2024/01	PI & HOD, Dept. of FSQA, FPT&BE, AAU, Anand
<b>20.5.3.42</b>	Development of rapid method for detection of <i>rhodamineb</i> in chili powder	FPT·AE·AIT/ FSQA, FPT&BE/ 2024/02	PI & HOD, Dept. of FSQA, FPT&BE, AAU, Anand
<b>20.5.3.43</b>	Visual classification model for procurement of maize kernel used for poultry feed	FPT·AE·AIT/ AIT, CAIT /2024/01	Head, Dept. of AIT, CAIT, AAU, Anand
<b>20.5.3.44</b>	Compartmentalization of Pigeon Pea ( <i>Cajanuscajan</i> L.) varieties using computer vision	FPT·AE·AIT/Ag. Stat., BACA /2024/01	PI & HOD, Dept. of Ag. Stat., BACA, AAU, Anand

<b>20.6 Basic science</b>			
<b>20.6.3.1</b>	Comparative phytochemical study of flowers of different okra varieties	CI (Basic Science)/ Biochemistry, BACA /2024/01	Prof. and Head, Dept. of Biochemistry, BACA, AAU, Anand
<b>20.6.3.2</b>	<i>De-novo</i> whole genome sequencing of Saffron ( <i>Crocus sativus</i> L.) through next generation sequencing technology	CI (Basic Science)/ Ag. Biotech, Anand /2024/01	Associate Res. Sci. & Unit Officer, Department of Biotechnology, AAU, Anand
<b>20.6.3.3</b>	Development of heat tolerant tomato cultivar through genome editing	CI (Basic Science)/ Ag. Biotech, Anand /2024/02	Associate Res. Sci. & Unit Officer, Department of Biotechnology, AAU, Anand
<b>20.6.3.4</b>	Optimization of Tissue Culture Protocol in Parthenocarpic Type Genotypes of Papaya	CI (Basic Science)/ Tissue Culture, Anand /2024/01	Asst. Res. Scientist & Head, Centre for Advanced Res. in Plant Tissue Culture, AAU, Anand
<b>20.6.3.5</b>	Development of micropropagation protocol in Ivy gourd ( <i>Coccinia grandis</i> L.).	CI (Basic Science)/ Tissue Culture, Anand /2024/02	Asst. Res. Scientist & Head, Centre for Advanced Res. in Plant Tissue Culture, AAU, Anand
<b>20.6.3.6</b>	Effect of different Nano urea formulation on agriculturally important microorganisms	CI (Basic Science)/ Tissue Culture, Anand /2024/03	Asst. Res. Scientist & Head, Centre for Advanced Res. in Plant Tissue Culture, AAU, Anand
<b>20.6.3.7</b>	Evaluation of surfactant types on the properties and stability of oil in water neem nanoemulsion and its potential as antifungal agent	CI (Basic Science)/ Tissue Culture, Anand /2024/04	Asst. Res. Scientist & Head, Centre for Advanced Res. in Plant Tissue Culture, AAU, Anand
<b>20.7 Social Science</b>			
<b>20.7.3.35</b>	An economic analysis of cow based natural farming of wheat in Anand and Kheda districts of Middle Gujarat	SS/Ag. Econ., BACA/2024/01	Professor & Head, Dept. of Agril. Econ., BACA, AAU, Anand
<b>20.7.3.36</b>	Export potential of Ready to Eat, Ready to Cook and Ready to Serve products in India	SS/Ag. Econ., BACA/2024/02	Professor & Head, Dept. of Agril. Econ., BACA, AAU, Anand
<b>20.7.3.37</b>	Crop diversification in Ahmedabad district	SS/Ag. Econ., CoH /2024/01	Assistant Professor & Head, Department of Social Science, College of Horticulture, AAU, Anand

20.7.3.38	Perception of farmers towards off season and seasonal cultivation of vegetables in North and South Gujarat	SS/ IABMI/2024/01	Principal & Dean, IABMI, AAU, Anand
20.7.3.39	Status of Nano urea usage in bidi tobacco in Middle Gujarat	SS/ IABMI/2024/02	Principal & Dean, IABMI, AAU, Anand
20.7.3.40	Problems and prospects of agrotourism in Middle Gujarat	SS/ IABMI/2024/03	Principal & Dean, IABMI, AAU, Anand
20.7.3.41	Awareness and utilization of PM Kisan Samman Nidhi Yojana among the farmers in Anand and Dahod districts of Middle Gujarat	SS/ IABMI/2024/04	Principal & Dean, IABMI, AAU, Anand
20.7.3.42	Supply chain and post-production losses of milk in Middle Gujarat	SS/ IABMI/2024/05	Principal & Dean, IABMI, AAU, Anand
20.7.3.43	Challenges and opportunities of business incubation in Gujarat	SS/ FBM, FPT&BE /2024/01	Associate Professor and Head, Dept. of FBM, CFPTBE, AAU, Anand
20.7.3.44	Forewarning of insect-pests incidence in rice crop based on weather variables using statistical methods	SS/ Ag. Stat., BACA/2024/01	Professor and Head, Dept. of Agril. Statistics, BACA, AAU, Anand
20.7.3.45	Evaluation and development of yardstick of Coefficient of variation for wheat crop experiments	SS/ Ag. Stat., BACA/2024/02	Professor and Head, Dept. of Agril. Statistics, BACA, AAU, Anand
20.7.3.46	Efficiency of Variance Balanced Design Over Randomized Complete Block Design for diallel crosses of okra crop	SS/ Ag. Stat., BACA/2024/03	Professor and Head, Dept. of Agril. Statistics, BACA, AAU, Anand
20.7.3.47	Efficiency of Variance Balanced Design Over Randomized Complete Block Design for diallel crosses of brinjal Crop	<b>Not Approved</b>	Professor and Head, Dept. of Agril. Statistics, BACA, AAU, Anand
20.7.3.48	Machine Learning Approaches to irrigation water quality parameters prediction	SS/ Basic Science, CoH /2024/01	Assistant Professor & Head, Department of Basic Science, College of Horticulture, AAU, Anand
20.7.3.49	Developing image database of major insect-pests and diseases infecting rice and wheat in Middle Gujarat	SS/ Basic Science, BACA /2024/01	Professor & Head, Department of Basic Sciences and Humanities, BACA, Anand

20.7.3.50	Attitude of UG students of Anand Agricultural University towards Agri startup programmes	SS/ Ext. Edu., BACA/2024/01	Professor & Head, Dept. of Agril. Extension and Communication, BACA, AAU, Anand
20.7.3.51	Horizontal spread of Gujarat Anand Duram Wheat-3 among the wheat growers in <i>Bhal</i> region	SS/ Ext. Edu., BACA/2024/02	Professor & Head, Dept. of Agril. Extension and Communication, BACA, AAU, Anand
20.7.3.52	Impact assessment of farm telecast in Gujarat	SS/ EEI /2024/01	Director, EEI, AAU, Anand
20.7.3.53	Impact assessment of farm broadcast in Gujarat	SS/ EEI /2024/02	Director, EEI, AAU, Anand
20.7.3.54	Awareness among the secondary school teachers regarding the polytechnic courses run by AAU	<b>Not Approved</b>	Director, Institute of Distance Education, AAU, Anand
20.7.3.55	Usefulness of the Krushigovidhya farm magazine as perceived by the readers	<b>Not Approved</b>	Director of Extension Education, AAU, Anand
20.7.3.56	Adoption of climate resilient technologies among paddy growers in Kheda district	SS/ Agril. Sci., CAIT/2024/01	Professor & Head, Department of Agricultural Science, CAIT, AAU, Anand
20.7.3.57	Impact assessment of trainings on banana growers	SS/ Ext. Edu., CoA, Jabugam /2024/01	Principal, CoA, AAU, Jabugam
20.7.3.58	Perception of the paddy growers about Nano fertilizers	SS/ Ext. Edu., CoA, Vaso /2024/01	Principal, CoA, AAU, Vaso
20.7.3.59	Awareness and utility perception about AAU among the farmers	SS/ ARS, Derol/2024/01	Associate Research Scientist, ARS, AAU, Derol
20.7.3.60	Adoption of IPM technologies in castor crop in Panchmahals district	SS/ MMRS, Godhra/2024/01	Research Scientist, Main Maize Research Station, AAU, Godhra
20.7.3.61	Impact analysis of chickpea demonstration conducted by KVK, Ahmedabad	SS/KVK, Arnej/2024/01	Senior Scientist & Head, KVK, AAU, Arnej
20.7.3.62	Impact analysis of animal husbandry training organized by KVK, Anand	SS/KVK, Devataj /2024/01	Senior Scientist & Head, KVK, AAU, Devataj
20.7.3.63	Problematic soil reclamation practices adopted by the farmers of Anand district	SS/KVK, Devataj /2024/02	Senior Scientist & Head, KVK, AAU, Devataj
20.7.3.64	Technological capabilities of the input dealers about agro services in Chhotaudepur district of Gujarat	<b>Not Approved</b>	Senior Scientist & Head, KVK, Mangal Bharti, Vadodara
20.7.3.65	Attitude of the farmers towards i-Khedut portal in Kheda district	SS/KVK, Dethali /2024/01	Sr. Scientist and Head, KVK, (ICAR) Dethali-Kheda

<b>20.7.3.66</b>	Impact analysis of Cluster Frontline Demonstration (CFLD) on chickpea growers	SS/KVK, Dahod /2024/01	Senior Scientist & Head, KVK, AAU, Dahod
<b>20.7.3.67</b>	Impact of training on knowledge and adoption of castor growers	SS/FTTC, Sansoli/2024/01	Head, FTTC, AAU, Sansoli-Nenpur
<b>20.7.3.68</b>	Effectiveness of training programme on cultivation practices of finger millet	SS/TRTC, Devgadh Baria/2024/01	Head, TRTC and TFWTC, AAU, Devgadh Baria
<b>20.7.3.69</b>	Farm mechanization adopted by the farmers of Dahod district	SS/Agri-Polyclinic, Dahod /2024/01	Head, Agri. - Polyclinic & TFTC, Muvaliya Farm, AAU, Dahod

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