



# APPENDICES





## Appendix – I

List of theses submitted (Dt. 01.04.2023 to 31.03.2024)

| Sr. No.                       | Degree        | Name of the Student               | Title of the Thesis   | Name of Major Guide | Discipline  |
|-------------------------------|---------------|-----------------------------------|---|---------------------|-------------|
| <b>FACULTY OF AGRICULTURE</b> |               |                                   |   |                     |             |
| 1                             | M.Sc. (Agri.) | CHAUDHARI MUKESHKUMAR SHANKARBHAI | EFFECT OF PLANT GROWTH REGULATORS ON MORPHO-PHYSIOLOGICAL, YIELD AND INDUCTION OF DORMANCY IN BUNCH GROUNDNUT ( <i>Arachis hypogaea</i> L.) | DR. G. K. KATARIA   | AGRICULTURE |
| 2                             | M.Sc. (Agri.) | RADADIYA CHIRAG SAVJIBHAI         | ESTIMATION OF HETEROISIS, COMBINING ABILITY AND GENE ACTION IN OKRA [ <i>Abelmoschus esculentus</i> (L.) Moench]                            | DR. D. R. MEHTA     | AGRICULTURE |
| 3                             | M.Sc. (Agri.) | SUDANI DAX PRAVINKUMAR            | ALTERNARIA LEAF SPOT [ <i>Alternaria alternata</i> (Fr.) Keissler] OF BRINJAL AND ITS MANAGEMENT  | DR. K. K. KANZARIA  | AGRICULTURE |
| 4                             | M.Sc. (Agri.) | GHADIYA ROMIT HEMANT              | CHARACTERIZATION OF PLANT GROWTH PROMOTING RHIZOBACTERIA (PGPR) AGAINST SOIL BORNE FUNGAL PATHOGENS INFECTING CHILLI                        | DR. J. R. TALAVIYA  | AGRICULTURE |
| 5                             | M.Sc. (Agri.) | DUDHATRA RUTU JAYESHBHAI          | MOLECULAR MARKERS BASED GENETIC DIVERSITY ANALYSIS IN FINGERMILLET [ <i>Eleusine coracana</i> (L.) Gaertn.]                                 | DR. S. B. BHATT     | AGRICULTURE |
| 6                             | M.Sc. (Agri.) | GORASIYA AMIT BIPINBHAI           | GENETIC VARIABILITY, ASSOCIATION ANALYSIS AND SELECTION INDICES IN SESAME ( <i>Sesamum indicum</i> L.)                                      | DR. G. U. KULKARNI  | AGRICULTURE |
| 7                             | M.Sc. (Agri.) | SUVAGIYA FORAM CHHAGANBHAI        | MICROPROPAGATION OF ANANTMOOL [ <i>Hemidesmus indicus</i> (L.) R. Br.]: ANENDANGERED MEDICINAL PLANT  | DR. RAJIV KUMAR     | AGRICULTURE |
| 8                             | M.Sc. (Agri.) | NAVDEEP KUMAR                     | EFFECT OF FOLIAR APPLICATION OF NPK AND MICRONUTRIENTS ON SUMMER SESAME ( <i>Sesamum indicum</i> L.)  | DR. P. K. CHOVATIA  | AGRICULTURE |
| 9                             | M.Sc. (Agri.) | RATHOD RAKESH DHIRUBHAI           | LINE X TESTER ANALYSIS FOR FRUIT YIELD AND ITS CPMPONENTS IN BRINJAL ( <i>Solanum melongena</i> L.)   | DR.V. H. KACHHADIA  | AGRICULTURE |
| 10                            | M.Sc. (Agri.) | DUDHATRA PRITKUMAR RAJESHBHAI     | PERFORMANCE AND STABILITY ANALYSIS OF CITRUS FRUITS EXPORTS FROM INDIA  | DR. PUSHPA YADAV    | AGRICULTURE |



| Sr. No. | Degree        | Name of the Student                 | Title of the Thesis  | Name of Major Guide  | Discipline  |
|---------|---------------|-------------------------------------|--|----------------------|-------------|
| 11      | M.Sc. (Agri.) | VASOYA MANSI<br>HITENDRABHAI        | EVALUATION OF NITRATE, FLUORIDE AND HEAVY METALS CONTAMINATION IN UNDERGROUND WATER OF SAURASHTRA REGION   | DR. L. C. VEKARIA    | AGRICULTURE |
| 12      | M.Sc. (Agri.) | VEMPALLY<br>SANGEETHIKA<br>REDDY    | STUDIES ON SELECTION INDICES AND GENETICS DIVERGENCE IN VEGETABLE COWPEA [ <i>Vigna unguiculata</i> (L.) walp.]  | DR. LATA J. RAVAL    | AGRICULTURE |
| 13      | M.Sc. (Agri.) | AKOLA RIDDDHI<br>KANTILAL           | EFFECT OF DIFFERENT AGRICULTURAL WASTE ON GROWTH, YIELD AND NUTRITIONAL COMPOSITION OF OYSTER MUSHROOM ( <i>Pleurotus ostreatus</i> )                    | DR. S. S. SAPRE      | AGRICULTURE |
| 14      | M.Sc. (Agri.) | BADI<br>MOHMMADYAHYA<br>GAFURBHAI   | POPULATION DYNAMICS, YIELD LOSSES AND CHEMICAL CONTROL OF PEST COMPLEX OF COWPEA   | DR. A. V. KHANPARA   | AGRICULTURE |
| 15      | M.Sc. (Agri.) | NAVDEEP SINGH<br>BHATI              | EFFECT OF PHOSPHORUS & PHOSPHORUS SOLUBILIZING BACTERIA (PSB) ON SOIL PHOSPHORUS AVAILABILITY, YIELD & NUTRIENTS UPTAKE BY SUMMER GREEN GRAM             | DR. H. L. SAKARVADIA | AGRICULTURE |
| 16      | M.Sc. (Agri.) | BARAD<br>RUSHIKABEN<br>ASHVINBHAI   | EFFECT OF ORGANIC MANURES AND FERTILIZER ON GROWTH, YIELD AND QUALITY OF GARLIC ( <i>Allium sativum</i> L.)  | DR. K. B. ASODARIYA  | AGRICULTURE |
| 17      | M.Sc. (Agri.) | KAMANI JANVI<br>VRAJLAL             | CHARACTERIZATION OF MUNGBEAN ( <i>Vigna radiata</i> (L.) Wilczek) GENOTYPES THROUGH MORPHOLOGICAL CHARACTERS, CHEMICAL TESTS AND SEED QUALITY PARAMETERS | DR. L. K. SHARMA     | AGRICULTURE |
| 18      | M.Sc. (Agri.) | URMI P PARMAR                       | GENOTYPE X ENVIRONMENT INTERACTION FOR YIELD AND QUALITY RELATED TRAITS IN GROUNDNUT FOR SELECTION OF CLIMATE RESILIENT GENOTYPES                        | DR. PRAVEEN KONA     | AGRICULTURE |
| 19      | M.Sc. (Agri.) | PRATEEK KUMAR<br>SHARMA             | HETEROSIS, COMBINING ABILITY AND GENE ACTION FOR FRUIT YIELD AND ITS COMPONENT TRAITS IN OKRA [ <i>Abelmoschus esculentus</i> (L.) Moench]               | DR. M. H. SAPOVADIYA | AGRICULTURE |
| 20      | M.Sc. (Agri.) | CHAUDHARI<br>PARTHKUMAR<br>KODARLAL | HETEROSIS AND COMBINING ABILITY IN SESAME ( <i>Sesamum indicum</i> L.)   | DR. H. V. SOLANKI    | AGRICULTURE |





| Sr. No. | Degree        | Name of the Student          | Title of the Thesis   | Name of Major Guide   | Discipline  |
|---------|---------------|------------------------------|---|-----------------------|-------------|
| 21      | M.Sc. (Agri.) | AASHIMA KHAJURIA             | MOLECULAR AND BIOCHEMICAL CHARACTERIZATION OF PROMISING OKRA ( <i>Abelmoschus esculentus</i> ) GENOTYPES                                | DR. U. K. KANDOLIYA   | AGRICULTURE |
| 22      | M.Sc. (Agri.) | KHUNT RAVINABEN GAUTAMBHAI   | STANDARDIZATION OF MICROPROPAGATION PROTOCOL IN MEDICINAL HERB JIVANTI [ <i>Leptadenia reticulata</i> (Retz.) Wight]                    | DR.S. B. CHAUDHARY    | AGRICULTURE |
| 23      | M.Sc. (Agri.) | PATEL ANJALIBEN MUKESHBHAI   | EFFECT OF SULPHUR SOURCES AND SULPHUR OXIDIZING BACTERIA (SOB) ON YIELD, QUALITY AND NUTRIENTS UPTAKE BY SUMMER SOYABEN                 | DR. J. J. VAGHANI     | AGRICULTURE |
| 24      | M.Sc. (Agri.) | PITHIYA NIMISHKUMAR MULUBHAI | KNOWLEDGE AND ATTITUDE OF AGRO INPUT DEALERS ABOUT CERTIFICATE COURSE ON PESTICIDE MANAGEMENT   | DR. H. C. CHHODAVADIA | AGRICULTURE |
| 25      | M.Sc. (Agri.) | PONKIYA KINNARI KANTILAL     | ESTIMATION OF HETEROSIS, COMBINING ABILITY AND GENE ACTION IN SESAME ( <i>Sesamum indicum</i> L.)                                       | DR. N. D. DHOLARIYA   | AGRICULTURE |
| 26      | M.Sc. (Agri.) | KORE MEGHANA                 | EFFECT OF PHOSPHORUS & PHOSPHORUS SOLUBILIZING BACTERIA (PSB) ON SOIL PHOSPHORUS AVAILABILITY, YIELD & NUTRIENT UPTAKE BY SOYBEAN       | DR. A. V. RAJANI      | AGRICULTURE |
| 27      | M.Sc. (Agri.) | CHOVATIYA NEHA DINESHBHAI    | ASSESSMENT OF MOLECULAR DIVERSITY AND PROXIMATE COMPOSITION IN MILLETS  | DR. M. V. PARAKHIA    | AGRICULTURE |
| 28      | M.Sc. (Agri.) | RASHMI JADAV                 | EVALUATION OF SOME-COW-BASED BIO-ENHANCERS AND BOTANICALS FOR ORGANIC CULTIVATION OF FENUGREEK ( <i>Trigonella foenum-graecum</i> L.)   | DR. G. S. VALA        | AGRICULTURE |
| 29      | M.Sc. (Agri.) | DAMOR MUKTI BABUBHAI         | EFFECT OF LIGHT ON BIOLOGY, VARIETAL SCREENING AND MANAGEMENT OF LESSER GRAIN BORER ( <i>Rhyzopertha dominica</i> FAB.) IN STORED MAIZE | DR. P. V. PATEL       | AGRICULTURE |
| 30      | M.Sc. (Agri.) | BHIMANI RONAKKUMAR ASHOKBHAI | GENETIC ARCHITECTURE FOR SEED YIELD AND ITS COMPONENTS IN INDIAN MUSTARD [ <i>Brassica juncea</i> (L.) Czern & Coss]                    | DR. V. R. AKABARI     | AGRICULTURE |
| 31      | M.Sc. (Agri.) | PAVAN G S                    | GENETIC ARCHITECTURE FOR HETEROSIS AND COMBINING ABILITY IN SESAME [ <i>Sesamum indicum</i> (L.)]                                       | DR. C. A. BABARIYA    | AGRICULTURE |

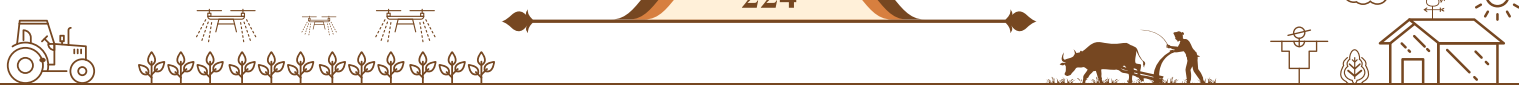


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|---------|---------------|-----------------------------------|--|----------------------|-------------|
| 32      | M.Sc. (Agri.) | ARYA SINGH                        | EFFECT OF TILLAGE AND WHEAT RESIDUE MANAGEMENT ON GROWTH, YIELD AND QUALITY OF SUMMER SOYABEAN [ <i>GLYCINE MAX (L.) Merril</i> ]  | DR. R. M. SOLANKI    | AGRICULTURE |
| 33      | M.Sc. (Agri.) | DEVRAJ JEVLYA                     | IMPACT OF RELIANCE FOUNDATION INFORMATION SERVICES ON BENEFICIARY FARMERS OF SAURASHTRA REGION   | DR. B. N. KALSARIYA  | AGRICULTURE |
| 34      | M.Sc. (Agri.) | PANSARA TRUPATIBEN DEVAJIBHAI     | EXPORT PERFORMANCE AND DIRECTION OF TRADE OF GUAVA AND ITS PRODUCT FROM INDIA  | DR. N. J. ARDESHNA   | AGRICULTURE |
| 35      | M.Sc. (Agri.) | THUMAR JAIMISH MAHESHKUMAR        | SEASONAL INCIDENCE, VARIETAL SCREENING AND MANAGEMENT OF FRUITFLY INFESTING GUAVA ( <i>Psidium guajava</i> L.) THROUGH FRUIT FLY TRAPS                                     | DR. K. P. BARAIYA    | AGRICULTURE |
| 36      | M.Sc. (Agri.) | UDAY HULAKUND                     | INTEGRATED WEED MANAGEMENT IN SUMMER PEARL MILLET ( <i>Pennisetum glaucum</i> L.)  | DR. V. B. BHALU      | AGRICULTURE |
| 37      | M.Sc. (Agri.) | DONGA RIDDIHI RAMESHBHAI          | BIO-EFFICACY EVALUATION OF HERBICIDES FOR WEED MANAGEMENT IN RABI ONION  | DR. B. S. GOHIL      | AGRICULTURE |
| 38      | M.Sc. (Agri.) | RAKHOLIYA TANVIBEN DHARMENDRABHAI | BIONOMICS, POPULATION DYNAMICS AND STANDARDIZATION OF DIFFERENT DOSES OF POISON BAITS AGAINST FALL ARMY WORM ( <i>Spodoptera frugiperda</i> ) (J.E. SMITH) INFESTING MAIZE | DR. A. V. KHANPARA   | AGRICULTURE |
| 39      | M.Sc. (Agri.) | SANGANI KRUPALI BHAVESHBHAI       | COMPARATIVE BIO-EFFICACY OF HERBICIDES FOR WEED MANAGEMENT IN GARLIC   | DR. B. S. GOHIL      | AGRICULTURE |
| 40      | M.Sc. (Agri.) | GUNDARIYA YASHKUMAR DINKARRAY     | EFFECT OF POLLINATION TIME AND CROSSING RATIO ON HYBRID SEED PRODUCTION OF AMERICAN COTTON [ <i>Gossypium hirsutum</i> L. cv G. cot. Hy. 24-BG-II]                         | DR. M. H. SAPOVADIYA | AGRICULTURE |
| 41      | M.Sc. (Agri.) | DIVYA AGARWAL                     | HECTAREAGE PREDICTION MODELS FOR MAJOR OILSEED CROPS OF SAURASHTRA REGION OF GUJARAT: AN EMPIRICAL INVESTIGATION   | DR. M. S. SHITAP     | AGRICULTURE |
| 42      | M.Sc. (Agri.) | N NARSIMA RAO                     | CHARACTER ASSOCIATION, PATH ANALYSIS AND GENETIC DIVERGENCE IN GREENGRAM [ <i>vigna radiata</i> (L.) R. Wileczek]  | DR. R. M. JAVIA      | AGRICULTURE |





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|---------|---------------|--------------------------------|---|-----------------------|-------------|
| 43      | M.Sc. (Agri.) | PATIL VISHVJEET SHRIRANG       | STUDY ON MORPHOLOGICAL DIVERSITY IN BRINJAL ( <i>Solanum melongena</i> L.)  | DR. R. S. TOMAR       | AGRICULTURE |
| 44      | M.Sc. (Agri.) | SAVITA PATIL                   | VARIABILITY PRESENT AMONG THE ISOLATES OF <i>Pseudomonas</i> spp. IN SAURASHTRA REGION OF GUJARAT   | DR. U. M. VYAS        | AGRICULTURE |
| 45      | M.Sc. (Agri.) | KUNDAN                         | EFFECT OF GROWTH REGULATORS ON PHYSIOLOGICAL AND BIOCHEMICAL CHANGES IN PEARL MILLET [ <i>Pennisetum glaucum</i> (L.) R. Br.] IRRIGATED WITH SALINE WATER             | DR. G. V. MARVIYA     | AGRICULTURE |
| 46      | M.Sc. (Agri.) | NAKUM NIMISHA VIJAYKUMAR       | EFFECT OF FOLIAR APPLICATION OF COW URINE AND NAA ON MORPHO-PHYSIOLOGICAL, BIOCHEMICAL AND YIELD PARAMETER OF KHARIF SWEET CORN ( <i>Zea mays</i> L. var. Saccharata) | DR. G. K. KATARIA     | AGRICULTURE |
| 47      | M.Sc. (Agri.) | ABINAYA M C                    | DYNAMICS AND PATTERNS OF EGG PRODUCTION, PRICES AND TRADE IN INDIA: A SPATIO-TEMPORAL ANALYSIS  | DR. B. SWAMINATHAN    | AGRICULTURE |
| 48      | M.Sc. (Agri.) | SAMARTH AJAY KALUSKAR          | AN EFFICIENT IN VITRO REGENERATION PROTOCOL OF <i>Uraria picta</i> (Jacq.) [PRISHNIPARNI] FROM VARIOUS IN VITRO EXPLANTS  | DR. CHANDRAKANT SINGH | AGRICULTURE |
| 49      | M.Sc. (Agri.) | BAMANIYA VIMALKUMAR PARVATSINH | APPRAISAL OF SALINITY/SODICITY PARAMETERS IN THE SOILS OF SOUTH SAURASHTRA AGRO-CLIMATIC ZONE   | DR. L. C. VEKARIA     | AGRICULTURE |
| 50      | M.Sc. (Agri.) | SUSHMITA PARASAPPA HULLUR      | INVESTIGATION OF DISTINCTIVE MORPHO-PHYSIOLOGICAL AND BIOCHEMICAL ALTERATIONS IN FENUGREEK ( <i>Trigonella foenum-graceum</i> L.) UNDER HEAVY METAL STRESS CONDITIONS | DR. RAJIV KUMAR       | AGRICULTURE |
| 51      | M.Sc. (Agri.) | VISHWANATHA B                  | INVESTIGATION OF DISTINCTIVE MORPHO-PHYSIOLOGICAL AND BIOCHEMICAL ALTERATIONS IN GROUNDNUT ( <i>Arachis hypogaea</i> L.) UNDER HEAVY METAL STRESS CONDITIONS          | DR. CHANDRAKANT SINGH | AGRICULTURE |
| 52      | M.Sc. (Agri.) | VAGHASIYA DAYABEN RASIKBHAI    | VARIETAL SCREENING AND MANAGEMENT OF PULSE BEETLE, <i>Callosobruchus maculatus</i> (Fabricius) INFESTING GREEN GRAM SEEDS   | DR. K. D. SHAH        | AGRICULTURE |



| Sr. No.                        | Degree         | Name of the Student             | Title of the Thesis  | Name of Major Guide | Discipline   |
|--------------------------------|----------------|---------------------------------|--|---------------------|--------------|
| <b>FACULTY OF HORTICULTURE</b> |                |                                 |  |                     |              |
| 1                              | M.Sc. (Horti.) | DOBARIYA KRUTI BEN NATVARBHAI   | EFFECT OF INTEGRATED NUTRIENT MANAGEMENT AND PINCHING ON GROWTH, YIELD AND QUALITY OF ANNUAL CHRYSANTHEMUM ( <i>Chrysanthemum coronarium</i> L.)   | DR. B. V. THUMAR    | HORTICULTURE |
| 2                              | M.Sc. (Horti.) | VARMA ANAMIKA ANILKUMAR         | EFFECT OF DIFFERENT LEVELS OF NPK ON GROWTH, FLOWERING AND YIELD OF GOMPHRENA ( <i>Gomphrena globosa</i> L.)   | DR. B. V. THUMAR    | HORTICULTURE |
| 3                              | M.Sc. (Horti.) | BHADARKA CHANDNIBEN RAJSHIBHAI  | EFFECT OF GROWTH RETARDANTS ON DWARFISM, FLOWERING, YIELD AND QUALITY OF PAPAYA ( <i>Carica papaya</i> L.) CV. GJP 1   | DR. D. R. KANZARIYA | HORTICULTURE |
| 4                              | M.Sc. (Horti.) | PADHIYAR DIXITA HARIBHAI        | EFFECT OF DIFFERENT SOWING TIME AND PLANTING DISTANCE ON GROWTH, YIELD AND QUALITY OF OKRA ( <i>Abelmoschus esculentus</i> (L.) Moench.)   | DR. D. R. KANZARIYA | HORTICULTURE |
| 5                              | M.Sc. (Horti.) | MAKVANA ANJALIBEN GOVINDBHAI    | IMPACT OF LEAF TO FRUIT RATIO ON PHYSICO-CHEMICAL TRAITS OF GUAVA CV. LALIT UNDER HIGH DENSITY PLANTING  | DR. S. K. BHUVA     | HORTICULTURE |
| 6                              | M.Sc. (Horti.) | PRERNA PRACHI                   | EFFECT OF DIFFERENT REPRODUCTIVE FLUSH, BIOSTIMULANTS AND GROWTH REGULATORS ON FRUIT SET, YIELD AND QUALITY OF DRAGON FRUIT [ <i>Hylocereus polyrhizus</i> (Britton & Rose)] UNDER SAURASHTRA REGION | DR. K. D. PATEL     | HORTICULTURE |
| 7                              | M.Sc. (Horti.) | VORA JEENAL SHANTIBHAI          | EFFECT OF DIFFERENT LEVEL OF NPK ON GROWTH, YIELD AND QUALITY OF DRUMSTICK ( <i>Moringa oleifera</i> L.) CV. PKM-1   | DR. K. D. PATEL     | HORTICULTURE |
| 8                              | M.Sc. (Horti.) | GONDALIYA RIKSHITA RASIKBHAI    | EFFECT OF INM ON GROWTH, YIELD AND QUALITY OF CUSTARD APPLE ( <i>Annona squamosa</i> L.) CV. SINDHAN   | DR. N. D. POLARA    | HORTICULTURE |
| 9                              | M.Sc. (Horti.) | PATEL YUKTAKUMARI JITENDRAKUMAR | EFFECT OF DIFFERENT CHEMICALS ON YIELD AND QUALITY OF BER CV. GOLA   | DR. N. D. POLARA    | HORTICULTURE |
| 10                             | M.Sc. (Horti.) | DUDHAT MANSI JAGADISHBHAI       | EFFECT OF BENDING AND PLANT GROWTH REGULATOR ON GROWTH, CUT FLOWER YIELD AND QUALITY OF ROSE CV. TOP SECRET UNDER PROTECTED CONDITION  | DR. D. K. VARU      | HORTICULTURE |





| Sr. No.   | Degree                 | Name of the Student           | Title of the Thesis   | Name of Major Guide  | Discipline               |
|---|------------------------|-------------------------------|---|----------------------|--------------------------|
| 11  | M.Sc. (Horti.)         | BHATTI DRASHTI NILESHBHAI     | EFFECT OF DIFFERENT DOSES OF UREA AND NANO UREA ON GROWTH, YIELD AND QUALITY OF GUAVA ( <i>Psidium guajava</i> L. CV. LUCKNOW-49      | DR. D. K. VARU       | HORTICULTURE             |
| 12  | M.Sc. (Horti.)         | PATEL DARSHANABEN VINODHBHAI  | EFFECT OF DIFFERENT LEVELS OF NPK ON GROWTH, FLOWERING AND FLOWER YIELD OF ANNUAL CHRYSANTHEMUM ( <i>Chrysanthemum coronarium</i> L.) | DR N. S. JOSHI       | HORTICULTURE             |
| 13  | M.Sc. (Horti.)         | PRAJAPATI DHRUVI PRAKASHBHAI  | EFFECT OF PLANT GROWTH REGULATORS ON GROWTH, FLOWERING, FLOWER YIELD AND QUALITY OF SPIDER LILY ( <i>Hymenocallis littoralis</i> L.)  | DR N. S. JOSHI       | HORTICULTURE             |
| 14  | M.Sc. (Horti.)         | SAMPADA R                     | STUDIES ON FLORAL BIOLOGY AND FRUIT SET IN DIFFERENT VARIETIES OF SAPOTA ( <i>Mamilkara zapota</i> L.)                                | DR. A. M. BUTANI     | HORTICULTURE             |
| <b>FACULTY OF AGRICULTURAL ENGINEERING AND TECHNOLOGY</b> |                        |                               |   |                      |                          |
| 1   | M.Tech. (Agril. Engg.) | VYAS VAIBHAV SHASHIKANT       | OPTIMIZATION OF PROCESS PARAMETERS FOR THE PREPARATION OF PEANUT SAUCE THROUGH FERMENTATION TECHNOLOGY                                | DR. P. R. DAVARA     | AGRICULTURAL ENGINEERING |
| 2   | M.Tech. (Agril. Engg.) | SINHAR ANANTKUMAR ARVINDBHAI  | DEVELOPMENT OF A PLANT INVERSION ATTACHMENT TO THE EXISTING GROUNDNUT DIGGER SHAKER   | PROF. P. P. GAJJAR   | AGRICULTURAL ENGINEERING |
| 3   | M.Tech. (Agril. Engg.) | GAJERA MAYANKKUMAR NILESHBHAI | PERFORMANCE EVALUATION OF CI ENGINE USING PALM OIL BIODIESEL BLEND  | PROF. A. L. VADHER   | AGRICULTURAL ENGINEERING |
| 4   | M.Tech. (Agril. Engg.) | JISHNA K P                    | DESIGN AND PERFORMANCE EVALUATION OF A MINI TRACTOR MOUNTED CLOD CRUSHER  | PROF. V. R. VAGADIA  | AGRICULTURAL ENGINEERING |
| 5   | M.Tech. (Agril. Engg.) | HEMALATHA B                   | STUDY ON PACKAGING AND STORAGE OF TENDER COCONUT WATER  | DR. V. K. CHANDEGARA | AGRICULTURAL ENGINEERING |
| 6   | M.Tech. (Agril. Engg.) | KULDEEP P NAGHERA             | DEVELOPMENT OF EXTRUDED PRODUCT FROM PEARL MILLET FLOUR BLENDED WITH CHICKPEA FLOUR   | DR. M. N. DABHI      | AGRICULTURAL ENGINEERING |
| 7   | M.Tech. (Agril. Engg.) | PRADEEP PATIDAR               | DRYING OF TURMERIC ( <i>Curcuma longa</i> ) IN SOLAR TUNNEL DRYER   | DR. S. P. CHOLERA    | AGRICULTURAL ENGINEERING |





| Sr. No.                                    | Degree                 | Name of the Student            | Title of the Thesis   | Name of Major Guide  | Discipline               |
|--|------------------------|--------------------------------|---|----------------------|--------------------------|
| 8  | M.Tech. (Agril. Engg.) | RAJUGOUDA                      | DEVELOPMENT AND PERFORMANCE EVALUATION OF SOLAR POWERED WEEDER AND BOOM SPRAYER                       | DR. M. S. DULAWAT    | AGRICULTURAL ENGINEERING |
| 9  | M.Tech. (Agril. Engg.) | KAIVALYA BHANDWALKAR           | ASSESSMENT AND MAPPING OF SOIL SALINITY USING REMOTE SENSING AND GIS FOR MANGROL-UNA COASTAL BELT     | DR. G. V. PRAJAPATI  | AGRICULTURAL ENGINEERING |
| 10   | M.Tech. (Agril. Engg.) | AKANSHA GHRITESH               | DEMARICATION OF POTENTIAL GROUNDWATER RECHARGE ZONES OF AJI RIVER BASIN                               | PROF. P. B. VEKARIYA | AGRICULTURAL ENGINEERING |
| <b>FACULTY OF AGRI-BUSINESS MANAGEMENT</b> |                        |                                |   |                      |                          |
| 1  | MBA (ABM)              | NUTAN DIXIT                    | FINANCIAL ANALYSIS OF INDIAN FARMERS FERTILIZER COOPERATIVE LIMITED                                   | DR. S. M. TRIVEDI    | AGRIBUSINESS MANAGEMENT  |
| 2  | MBA (ABM)              | PRAWINDRA                      | ECONOMICS AND MARKETING OF TOMATO CULTIVATION IN DEHRADUN DISTRICT                                    | DR. H. Y. MAHETA     | AGRIBUSINESS MANAGEMENT  |
| 3  | MBA (ABM)              | KUMBHANI TUSHAR RAMESHBHAI     | INFORMATION SEEKING BEHAVIOUR AND PESTICIDES ADOPTION AMONG COTTON GROWERS IN JUNAGADH DISTRICT       | DR. H. Y. MAHETA     | AGRIBUSINESS MANAGEMENT  |
| 4  | MBA (ABM)              | SHAH ARCHIBEN SANJAYKUMAR      | EFFECT OF ONE NATION ONE FERTILIZER SCHEME ON FARMERS AND FERTILIZER INDUSTRY                         | DR. S. M. TRIVEDI    | AGRIBUSINESS MANAGEMENT  |
| 5  | MBA (ABM)              | DHAYANANTH M                   | SUPPLY RESPONSE OF JOWAR IN SALEM DISTRICT OF TAMIL NADU  | DR. H. Y. MAHETA     | AGRIBUSINESS MANAGEMENT  |
| 6  | MBA (ABM)              | MARKANA KEYURKUMAR DHANJIBHAI  | COMPARATIVE ANALYSIS OF DIFFERENCE IN COMMERCE IN AGRICULTURE INPUT MARKET                            | DR. C. R. BHARODIA   | AGRIBUSINESS MANAGEMENT  |
| 7  | MBA (ABM)              | NAYI NIRMALKUMAR SURESHBHAI    | CROPPING PATTERN AND FARMING PRACTICES OF CHILLI CROP IN SAURASHTRA REGION                            | DR. H. Y. MAHETA     | AGRIBUSINESS MANAGEMENT  |
| 8  | MBA (ABM)              | JOTVA MAUSMIBEN VIRENDRABHAI   | PRODUCTION AND ECONOMIC ANALYSIS OF CHICKPEA IN THE SAURASHTRA REGION                                 | DR. JAGRUTI D. BHATT | AGRIBUSINESS MANAGEMENT  |
| 9  | MBA (ABM)              | JOTVA PARIKSHITKUMAR JETHABHAI | KNOWLEDGE AND ADOPTION OF BETTER COTTON INITIATIVE (BCI) PROGRAMME BENEFICIARIES IN JUNAGADH DISTRICT | DR. JAGRUTI D. BHATT | AGRIBUSINESS MANAGEMENT  |
| 10   | MBA (ABM)              | VEKARIYA VIVEKKUMAR DINESHBHAI | ECONOMIC EVALUATION OF GROUNDWATER CULTIVATION IN SAURASHTRA REGION                                   | DR. JAGRUTI D. BHATT | AGRIBUSINESS MANAGEMENT  |





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| 11      | MBA (ABM) | VANKADARI JYOTSNA DEVI              | FACTORS AFFECTING MARKETING EFFICIENCY OF FRESH MANGO SUPPLY CHAIN IN NELLORE DISTRICT OF ANDHRA PRADESH                       | DR. JAGRUTI D. BHATT   | AGRIBUSINESS MANAGEMENT |
| 12      | MBA (ABM) | SATASIYA JENISHBHAI ASHVINBHAI      | ADOPTION, USAGE PATTERN AND SATISFACTION OF FARMERS TOWARDS PESTICIDES IN AMRELI DISTRICT                                      | PROF. C. R. BHARODIA   | AGRIBUSINESS MANAGEMENT |
| 13      | MBA (ABM) | VANANEE RAVIKUMAR JAYSUKHBHAI       | FARMERS ADOPTION AND SATISFACTION LEVEL FOR BIO-FERTILIZER PRODUCTS OF ZYDEX IN BOTAD DISTRICT                                 | DR. C. D. LAKHLANI     | AGRIBUSINESS MANAGEMENT |
| 15      | MBA (ABM) | BHALU KAUSHIK RATILAL               | AWARENESS AND ADOPTION OF BIO-PESTICIDE IN GIR-SOMNATH DISTRICT  | DR. H. Y. MAHETA       | AGRIBUSINESS MANAGEMENT |
| 16      | MBA (ABM) | TANDEL DOLLYKUMARI NARENDRABHAI     | MARKET POTENTIAL AND ADOPTION LEVEL OF PADDY AMONG SOUTH GUJARAT FARMERS   | PROF. C. R. BHARODIA   | AGRIBUSINESS MANAGEMENT |
| 17      | MBA (ABM) | RAM KISHAN SONI                     | PURCHASING PATTERN AND INVENTORY MANAGEMENT OF FRUITS AND VEGETABLES AT RELIANCE FRESH   | DR. H. Y. MAHETA       | AGRIBUSINESS MANAGEMENT |
| 18      | MBA (ABM) | RATHOD JEEGARKUMAR HARESHKUMAR      | ADOPTION AND SATISFACTION OF CASTOR GROWERS IN SABARKANTHA DISTRICT  | PROF. N. M. THAKER     | AGRIBUSINESS MANAGEMENT |
| 19      | MBA (ABM) | MER HITENBHAI DASABHAI              | ADOPTION AND RESOURCE USE EFFICIENCY OF SOYBEAN IN JUNAGADH DISTRICT   | PROF. N. M. THAKER     | AGRIBUSINESS MANAGEMENT |
| 20      | MBA (ABM) | VAGHELA YUVRAJSINHJI HITENDRASINHJI | BUYING BEHAVIOUR AND SATISFACTION OF FARMERS TOWARDS PESTICIDES IN JUNAGADH DISTRICT   | PROF. N. M. THAKER     | AGRIBUSINESS MANAGEMENT |
| 21      | MBA (ABM) | GAJERA HARSHITBHAI PRADIPBHAI       | COST OF CULTIVATION AND RESOURCE USE EFFICIENCY OF SOYBEAN CROP IN SAURASHTRA REGION   | DR. CHIRAG R. BHARODIA | AGRIBUSINESS MANAGEMENT |
| 22      | MBA (ABM) | NAMA LAKSHMI PRIYANKA               | CONSUMER BEHAVIOUR AND BRAND LOYALTY TOWARDS PEPSICO   | DR. C. D. LAKHLANI     | AGRIBUSINESS MANAGEMENT |
| 23      | MBA (ABM) | MANDAVA KRISHNAPRIYA                | DETERMINE THE EFFECT OF PRICE TRANSMISSION AND TRADE BARRIERS ON EXPORT OF MAJOR AGRICULTURAL COMMODITIES OF SAURASHTRA REGION | DR. KALPESH KUMAR      | AGRIBUSINESS MANAGEMENT |



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| 24                                | MBA (ABM) | KOTADIYA KAUSHIKKUMAR BHARATBHAI | GROUNDNUT VACUUM PACKAGING: CONSUMER BEHAVIOR AND COMPETITIVE SCENARIO IN JUNAGADH DISTRICT  | DR. KALPESH KUMAR   | AGRIBUSINESS MANAGEMENT |
| 25                                | MBA (ABM) | PATOLIYA HIRENKUMAR BHARATBHAI   | ASSESSING THE MARKETING STRATEGY AND ADOPTION GAP OF KRUSHISHARANG AGRICLINIC  | DR. KALPESH KUMAR   | AGRIBUSINESS MANAGEMENT |
| 26                                | MBA (ABM) | PANSURIYA CHINTANBHAI ASHVINBHAI | AWARENESS AND ADOPTION OF BIO-PESTICIDE IN GIR-SOMNATH AND JUNAGADH DISTRICTS  | DR. M. S. SHITAP    | AGRIBUSINESS MANAGEMENT |
| <b>DOCTORATE DEGREE PROGRAMME</b> |           |                                  |  |                     |                         |
| 1                                 | Ph.D.     | VARIYA MAYUR VISHNUBHAI          | ECOLOGICAL NICHE, SEASONAL INCIDENCE, BIODIVERSITY AND MANAGEMENT OF PINK BOLLWORM, <i>Pectinophora gossypiella</i> (SAUNDERS) ON Bt COTTON                        | DR. M. F. ACHARYA   | AGRICULTURE             |
| 2                                 | Ph.D.     | SHARMA VISHALKUMAR GHANSHYAMBHAI | MORPHOMETRIC STUDIES, MOLECULAR CHARACTERIZATION AND DESIGNING OF BEEHIVE FOR HONEYBEE IN SAURASHTRA REGION  | DR. D. M. JETHVA    | AGRICULTURE             |
| 3                                 | Ph.D.     | VAGHASIYA KRUPALI PARSOTAMBHAI   | A CRITICAL STUDY ON GENERATION OF FARMERS' CONTEMPORARY INNOVATIONS AND RE-INVENTIONS IN SAURASHTRA REGION   | DR. N. B. JADAV     | AGRICULTURE             |
| 4                                 | Ph.D.     | SUCHITRA                         | HETEROISIS, COMBINING ABILITY AND INBREEDING DEPRESSION FOR SEED YIELD AND ITS ATTRIBUTING TRAITS IN SESAME ( <i>Sesamum indicum</i> L.)                           | DR. R. B. MADARIYA  | AGRICULTURE             |
| 5                                 | Ph.D.     | LIMBANI HARSIDDHI BHIKHUBHAI     | HETEROISIS, COMBINING ABILITY AND GENE ACTION FOR FRUIT YIELD AND ITS COMPONENT TRAITS IN OKRA [ <i>Abelmoschus esculentus</i> (L.) Moench] OVER ENVIRONMENTS      | DR. D. R. MEHTA     | AGRICULTURE             |
| 6                                 | Ph.D.     | BABARIYA VISHRUTA DINESHBHAI     | VARIABILITY PRESENT AMONG THE ISOLATES OF <i>Sclerotium Rolfsii</i> Sacc. CAUSING STEM AND POD ROT OF GROUNDNUT IN SAURASHTRA REGION OF GUJRAT AND ITS MANAGEMENT. | DR. D. S. KELAIYA   | AGRICULTURE             |





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| 7       | Ph.D.  | RATHOD RAJSINH BHUPATBHAI       | ATTITUDE AND LIVELIHOOD SECURITY OF SMALL AND MARGINAL FARMERS TOWARDS AGRICULTURAL DIVERSIFICATION  | DR. B. N. KALSARIYA  | AGRICULTURE |
| 8       | Ph.D.  | LAXMAN KUMAWAT                  | DYNAMICS OF MAJOR NUTRIENTS IN THE SOILS OF NORTH SAURASHTRA AGRO-CLIMATIC ZONE  | DR. S. G. SAVALIYA   | AGRICULTURE |
| 9       | Ph.D.  | SAVANI KHYATI RASIKBHAI         | TRANSRIPTOME AND BIOCHEMICAL DEPICTIONS OF DEVELOPING ANTHEP INFLUENCED BY SALICYLIC ACID FUNCTIONALIZED NANOCITOSAN UNDER HEAT STRESS IN COTTON ( <i>Gossypium hirsutum</i> L.) | DR. H. P. GAJERA     | AGRICULTURE |
| 10      | Ph.D.  | BHOPALA UPASANA DEVAYATBHAI     | SPATIAL INTEGRATION AND PRICE TRANSMISSION ANALYSIS OF DOMESTIC AND INTERNATIONAL COTTON MARKETS   | DR. M. G. DHANDHALYA | AGRICULTURE |
| 11      | Ph.D.  | HIRAPARA KEVALKUMAR VALLABHBHAI | EFFICACY OF VARIOUS HERBICIDES IN KHARIF PIGEON PEA [ <i>Cajanus cajan</i> (L.) Mill sp.] AND DETERMINATION OF THEIR PERSISTENCE THROUGH BIOASSAY TECHNIQUE                      | DR. P. K. CHOVATIA   | AGRICULTURE |
| 12      | Ph.D.  | SUNKARA VENKATA LAKSHMI SUNITHA | DEVELOPMENT AND EVALUATION OF BOTANICAL FORMULATIONS AGAINST MAJOR DEFOLIATORS OF GROUNDNUT  | DR. D. M. JETHVA     | AGRICULTURE |
| 13      | Ph.D.  | DAVARIA PRATIK JAYSHUKHBHAI     | EVALUATION OF MATING DISRUPTION PASTE (MDP) TECHNOLOGY AND SEX PHEROMONE TRAP FOR COTTON PINK BOLL WORM  | DR. D. M. JETHVA     | AGRICULTURE |
| 14      | Ph.D.  | KACHOT AKASH VAJSHIBHAI         | EVALUATION OF TRAP DESIGNING, MASS TRAPPING AND MATING DISRUPTION PASTE APPLICATION TECHNOLOGY FOR MANAGEMENT OF BRINJAL SHOOT AND FRUIT BORER                                   | DR. D. M. JETHVA     | AGRICULTURE |
| 15      | Ph.D.  | SMRUTIREKHA SAHU                | DECIPHERING THE EFFICACY OF IRON OXIDE NANOPARTICLES TO MITIGATE NUTRITIONAL REQUIREMENT IN GROUNDNUT  | DR. U. K. KANDOLIYA  | AGRICULTURE |
| 16      | Ph.D.  | POKAR MANOJKUMAR VINUBHAI       | IMPACT OF FRONT LINE DEMONSTRATIONS OF CHICKPEA PRODUCTION TECHNOLOGY UNDER NATIONAL FOOD SECURITY MISSION (NFSM) SCHEME IN SAURASHTRA REGION                                    | DR. V. J. SAVALIYA   | AGRICULTURE |



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| 17      | Ph.D.  | SONDARVA JYOTIBEN RAMJIBHAI     | EFFECT OF SEED PELLETING, PACKAGING MATERIALS AND STORAGE CONDITIONS ON DIRECT SEEDING, BULB YIELD, SEED LONGEVITY AND QUALITY IN ONION ( <i>Allium cepa</i> L.)   | DR. J. B. PATEL     | AGRICULTURE  |
| 18      | Ph.D.  | BHIMANI ANKUR MANJIBHAI         | EVALUATION OF PHEROMONE TRAP DENSITY, MATING DISRUPTION PASTE AND INSECTICIDES FOR <i>Spodoptera frugiperda</i> (J. E. Smith) IN MAIZE   | DR. D. M. JETHVA    | AGRICULTURE  |
| 19      | Ph.D.  | MUSHAR RADHIKA RAMBHAI          | RESPONSE OF SUMMER PEARLMILLET [ <i>Pennisetum glaucum</i> (L.) R. Br. Emend. Stuntz] TO VARIOUS BIO-ENHANCERS UNDER ORGANIC FARMING   | DR B. B. RAMANI     | AGRICULTURE  |
| 20      | Ph.D.  | SAVALIYA NIDHIBEN VINODBHAI     | DIFFERENTIAL GENE EXPRESSION PROFILING OF DWARF AND TALL COCONUT ( <i>Cocos nucifera</i> L.) GENOTYPES USING TRANSCRIPTOME SEQUENCING  | DR. RUKAM S. TOMAR  | AGRICULTURE  |
| 21      | Ph.D.  | PATOLIYA HINAL PRAVINBHAI       | AMELIORATING EFFECT OF GIBBERELIC ACID, ABSICIC ACID AND SALICYLIC ACID ON CHANGES IN PHYSIO-BIOCHEMICAL COMPOSITION AND OXIDATIVE ENZYMES IN WHEAT ( <i>Triticum aestivum</i> L.) IRRIGATED WITH SALINE WATER | DR. U. K. KANDOLIYA | AGRICULTURE  |
| 22      | Ph.D.  | GHARSIRAM                       | EFFECT OF IRRIGATION SCHEDULING BASED ON IW/CPE RATIO, METHOD OF SOWING AND PHOSPHORUS ON LUCERNE ( <i>Medicago sativa</i> L.)   | DR. R. M. SOLANKI   | AGRICULTURE  |
| 23      | Ph.D.  | PATOLIYA BHAVESHKUMAR VELJIBHAI | SEASONAL INCIDENCE, MORPHOLOGICAL BASED RESISTANCE AND MANAGEMENT OF PIGEON PEA ( <i>Cajanus cajan</i> (L.) Mill sp.) POD BORER, <i>Helicoverpa armigera</i> (Hubner)  | DR. Y. H. GHELANI   | AGRICULTURE  |
| 24      | Ph.D.  | ZALA KUVARSINH RAVISINH         | VARIETAL EVALUATION OF DAHLIA ( <i>Dahlia Variabilis</i> L.) UNDER SAURASHTRA REGION CONDITION   | DR. K. M. KARETHA   | HORTICULTURE |
| 25      | Ph.D.  | PATEL VINODKUMAR SURESHBHAI     | EVALUATION OF DIFFERENT GENOTYPES AND CULTIVARS OF GAILLARDIA UNDER SAURASHTRA REGION  | DR. D. K. VARU      | HORTICULTURE |





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| 26      | Ph.D.  | SHRUTI UMACHAGI                 | STUDIES ON GENETIC VARIABILITY AND DIVERGENCE IN TUBEROSE GENOTYPES AND VARIETIES THROUGH MORPHOLOGICAL AND MOLECULAR MARKERS   | DR. D. K. VARU       | HORTICULTURE             |
| 27      | Ph.D.  | POPALIA CHANDANI JITENDRABHAI   | VALORIZATION OF SWEET ORANGE ( <i>Citrus sinensis</i> ) AND LIME ( <i>Citrus aurantifolia</i> ) WASTE AND DEVELOPMENT OF VALUE-ADDED PRODUCTS USING DIFFERENT PROCESSING TECHNOLOGY | DR. V. K. CHANDEGARA | AGRICULTURAL ENGINEERING |
| 28      | Ph.D.  | ASWATHI K.                      | DESIGN AND DEVELOPMENT OF SELF-PROPELLED LEAFY CROP HARVESTER   | DR. V. K. TIWARI     | AGRICULTURAL ENGINEERING |
| 29      | Ph.D.  | BHUVA SACHIN SANATKUMAR         | MICROWAVE ASSISTED ENCAPSULATION OF PUFA RICH PEANUT OIL  | DR. N. K. DHAMSANIYA | AGRICULTURAL ENGINEERING |
| 30      | Ph.D.  | JALU MAYUR VAJUBHAI             | DEVELOPMENT AND EVALUATION OF SOLAR POWERED REMOTE CONTROLLED SPRAYER   | DR. R. YADAV         | AGRICULTURAL ENGINEERING |
| 31      | Ph.D.  | PARMAR ARJUN RANMALBHAI         | DEVELOPMENT OF REFRACTANCE WINDOW DRYER FOR PAPAYA PULP   | DR. N. K. DHAMSANIYA | AGRICULTURAL ENGINEERING |
| 32      | Ph.D.  | GOJIYA KASHYAPKUMAR MALDEBHAI   | SPATIOTEMPORAL ANALYSIS OF SOIL SALINITY AND SOIL MOISTURE MODELLING USING RS AND GIS FOR COASTAL REGION OF DEVBHUMI DWARKA   | DR. H. D. RANK       | AGRICULTURAL ENGINEERING |
| 33      | Ph.D.  | JOSHI NIRAV UMESHBHAI           | DEVELOPMENT OF DEHUSKING TECHNOLOGY FOR PSYLLIUM ( <i>Plantago ovata</i> ) SEEDS  | DR. M. N. DABHI      | AGRICULTURAL ENGINEERING |
| 34      | Ph.D.  | RAMANI MAULIK LABHUBHAI         | DEVELOPMENT AND EXPERIMENTAL INVESTIGATION OF AGRIVOLTAIC GREENHOUSE SYSTEM FOR ENERGY AND CROP PRODUCTION  | DR. P. M. CHAUHAN    | AGRICULTURAL ENGINEERING |
| 35      | Ph.D.  | VITHLANI NIPA SUNILBHAI         | SOIL MOISTURE MODELLING AND WATER MANAGEMENT IN BHADAR CANAL IRRIGATION COMMAND USING REMOTE SENSING  | DR. H. V. PARMAR     | AGRICULTURAL ENGINEERING |
| 36      | Ph.D.  | BHUVA CHIRAGKUMAR MAHESHBHAI    | AN ECONOMIC ANALYSIS OF CASTOR OIL EXTRACTOR UNITS IN GUJARAT STATE   | DR. S. M. TRIVEDI    | AGRIBUSINESS MANAGEMENT  |
| 37      | Ph.D.  | CHAUDHARI VIRALKUMAR PRABHUBHAI | FINANCIAL ANALYSIS OF SUGAR CO-OPERATIVE SOCIETIES IN GUJARAT   | DR. S. M. TRIVEDI    | AGRIBUSINESS MANAGEMENT  |

