

**Horticulture Faculty : Theses of Ph.D. (2005-06 to 2025-26)**

Sr. No.	Faculty	Discipline	Name of Student and Reg. No.	Name of Major Guide	Title of Ph.D. thesis	Year of degree
1	Horticulture	Horticulture	Purohit V.L.	Gajipara N.N.	Genetic Studies in ridge gourd ( <i>Luffa acutangula</i> (Roxb) L.)	2005
2	Horticulture	Horticulture	Naliyadhara M.V.	Barad A.V.	Heterosis and combining ability in sponge gourd [ <i>Luffa cylindrical</i> (Raiming) L.]	2005
3	Horticulture	Horticulture	Joshi N.S.	Barad A.V.	Response of chrysanthemum variety to different levels of nitrogen , phosphorus and potash and their uptake	2005
4	Horticulture	Horticulture	Polara N.D.	Gajipara N.N.	Effect of nitrogen and phosphorus on different varieties of African marigold ( <i>tegetes erecta</i> )	2005
5	Horticulture	Horticulture	Sanandia S.T.	Gajipara N.N.	Generation mean analysis in sponge gourd ( <i>Luffa Cylindrica</i> (Roem)L.)	2006
6	Horticulture	Horticulture	Varu D.K.	Barad A.V.	Standardization of post harvest techniques for tuberose ( <i>Polianthes tuberosci</i> L.cv. 'double') cut Flowers for Export Purpose	2006
7	Horticulture	Horticulture	Varmoda D.L.	Gajipara N.N.	Inheritance of fruit yield and its attributing characters ridge gourd ( <i>luffa aculangula</i> (roxb.)L.)	2006
8	Horticulture	Horticulture	Malam V. R.	Singh S.P.	Standardization of certain agrotechniques in tubose ( <i>polianthes tubercsa</i> L.) cv. Double	2006
9	Horticulture	Horticulture	Patel K.D.	Barad A.V.	Gene effects heterosis and inbreeding depression studies through generation mean analysis in okra ( <i>abelmoschus esculentus</i> (L.) moench )	2006
10	Horticulture	Horticulture	Mahavir N.B.	Barad A.V.	Standardization of npk levels under net house conditions and post harvest management of cut flowers in gerbera ( <i>gorbera jamesoni bolus</i> ) CV. sangria	2006
11	Horticulture	Horticulture	Trambadiya N.J.	Makwana A.N.	Studies on heterosis and combining ability for quantitative traits over environments in cowpea ( <i>vigna unguiculata</i> (L.) walp.)	2006
12	Horticulture	Horticulture	Dagade S.B.	Barad A.V.	Diallel analysis for fruit yield and nutritional quality in tomato ( <i>lycopersicon esculentum</i> Mill.)	2006
13	Horticulture	Horticulture	Karetha K.M.	Gajipara N.N.	Response of gaillardia ( <i>gaillardia pulchella</i> var <i>lorenzian</i> ) cv. Local double to different levels of nitrogen phosphorus and potassium and their uptake	2006
14	Horticulture	Horticulture	Memam M.A.	Barad A.V.	Standardization of dehydration technique for some commercially important followers and foliage	2006
15	Horticulture	Horticulture	Vaghani M. Z.	Gajipara N.N.	Effect of gibberellic acid zine and iron on seed production of okra [ <i>abelmoschus esculentus</i> (L.) moench] cv.go-2	2007
16	Horticulture	Horticulture	Butani A.M.	R.S. Chovatia	Effect of Vermicompost and Chemical Fertilizers on Yield and Quality of Banana ( <i>Musa paradisiaca</i> L.) cv. Grand Naine	2011
17	Horticulture	Horticulture	Thumar B.V.	A.V. Barad	Effect of Integrated Nutrient Management on African Marigold ( <i>Tagetes erecta</i> L.) tv. Pusa Narangi	2013
18	Horticulture	Horticulture	Jadala S.	R.S.Chovatia.	Effect of plant growth Regulators,Nutrients and pruning on early induction of Flowering. Yield and Fruit quality of mango ( <i>mangifera indica</i> L.)nCfy. Kesar Under satrashttra Region of Gujarat.	2013
19	Horticulture	Horticulture	Bhosale N.D.	A.V.Barad	Effect of Pre-Harvest Spray of MH and Storage Conditions on Storage of Bulbs and Subsequent it's Residual Effects on Growth, Flowering and Flower Yield of Spider Lily ( <i>Hymenocallis Littoralls</i> L.)ev.Local	2014
20	Horticulture	Horticulture	Verma Shankar	Chovatiya R.S.	Effect of ZnSO4 and GA3ON Growth, Yield and Quality of Sapota [ <i>Manikara Archas</i> (Mill.) Forseberg] Cv. Kalipatti	2014
21	Horticulture	Horticulture	Garhwal P.C.	Ramdevputra M.V.	Effect of Sadh, NAA and GA, On Growth, Yield and Quality of Sapota [ <i>Manikara Achras</i> (Mill.)] Forsberg CV. Kalipatti	2015
22	Horticulture	Horticulture	Kanzaria Dilip R.	Chovatia R.S.	Estimation of Effect of Growing Degree Days on Phenology, Yield and Quality of different Mango Varieties Under South Saurashtra Agro-Climatic Conditions	2015
23	Horticulture	Fruit Science	Makhmale S.J.	Makwana A.N.	Effect of Fertigation System On Growth, Flowering, Yiled And Quality Of Mango CV. Kesar Raised Ultra High Density Planting (UHDP) System	2017
24	Horticulture	Fruit Science	Bhuva S.K.	Chovatia R.S.	Standardization Of Severity Of Pruning And Crop Load On Yield And Quality In Pomegranate ( <i>Punica Granatum</i> L.) Var. Bhagwa	2017
25	Horticulture	Fruit Science	Akula Vena	Ramdevputra M.V.	Effect Of Polyamines And NAA Application On Yield, Quality And Shelf Life Of Mango ( <i>Mangifera Indica</i> L.) CV. Kesar	2017
26	Horticulture	Horticulture	Pansuriya Pratik B	Dr.D.K.varu	Effect of Biostimulants and Biofertilizers on Growth, Flower yield and Quality of Gladiolus Cv. American Beauty Under Greenhouse Conditions	2018
27	Horticulture	Horticulture	Aghera S.R.	Dr. Viradia R.R.	Effect Of Biostimulants And Biofertilizers On Growth, Flower Yield And Quality Of Tuberose ( <i>Polianthes tuberosa</i> L.) CV. 'Prajwal'	2018
28	Horticulture	Horticulture	Baladha Rinkal F.	Dr. D.K. Varu	Effect of Drip Fertigation Schedule and Different Mulches on Gladiolus CV. Psittacinus Hybrid	2018
29	Horticulture	Horticulture	Chovatiya Viral	Dr. R.S. Chovatia	Integrated Nutrient Management in Pomegranate	2019
30	Horticulture	Horticulture	Nurbhanej kasamali H.	Dr.D.K. Varu	Effect of biostimulants and Biofertilizers on flowering, fruiting, yield and quality of pomegranate	2019
31	Horticulture	Horticulture	Gawade N.V.	Varu D.K.	Effect of biostimulants and biofertilizers on growth, flower yield and quality of chrysanthemum cv. Ratlam selection	2019
32	Horticulture	Horticulture	Rathod R.K.	Ramdevputra M.V.	Effect of foliar application of micronutrients and growth regulator on yield and quality of Aonla ( <i>Embllica officinalis</i> Gaertn.) cv Gujarat Aonla-1	2019
33	Horticulture	Floriculture and landscape Architecture	Devdhara U.R.	Polara N.D	Effect of foliar application of Biostimulants and Micronutrients on growth, flowering and yield of African marigold cv. Pusa narangi Ganda	2019
34	Horticulture	Horticulture	Patel Atishkumar	Vaddoria M.A	Exploitation of hubris vigour and And combining ability for fruit yield its components and YVMV in okra ( <i>Abelmoschus esculentus</i> (L.) Moench)	2020
35	Horticulture	Fruit Science	Patel Vrutti Kaushikbhai	Dr. M. V. Ramdevputra	Effect of different mulches and liquid organic-inorganic formulations on growth, yield and quality of papaya ( <i>Carica papaya</i> L.) Cv. GJP-1	2021
36	Horticulture	Floriculture And Landscape Architecture	Patel Dishaben Kishor	Dr. N. D. Polara	Effect of plant growth regulators and multi micronutrient on growth, flower yield and quality of chrysanthemum cv. Ratlam selection	2021
37	Horticulture	Fruit Science	Solanki Meera Bhagavanbhai	Dr. D. K. Varu	Effects of chemicals and agro techniques to enhance flowering, fruit setting and yield of mango ( <i>Mangifera indica</i> L.) Cv. Kesar	2021
38	Horticulture	Fruit Science	Subhrajyoti Mishra	Dr. K. M. Karetha	Evaluation and standardization of vertical cultivation of strawberry cv. Winter down under protected structure	2021
39	Horticulture	Fruit Science	Gohel Bhavin Chandrakant	Dr. V. R. Malam	Effect of soil applied paclobutrazol treatments at different time on growth, flowering, fruiting, yield and quality of mango ( <i>Mangifera indica</i> L.) Cv. Kesar	2021
40	Horticulture	Fruit Science	Parasana Jigar Sureshbhai	Dr. D. K. Varu	Effect of pruning and integrated nutrient management on growth, yield and quality of custard apple ( <i>Annona squamosa</i> L.) Cv. Sindhan	2021
41	Horticulture	Fruit Science	Mishra Pooja Vijaybhai	Dr. D. K. Varu	STANDARDIZATION OF HASTA BAHAR IN POMEGRANATE ( <i>PUNCA GRANTUM</i> L.) UNDER SUARASHTRA REGION	2022-2023
42	Horticulture	Fruit Science	Aal Jigarkumar Mavajibhai	Dr. K. M. Karetha	EFFECT OF FOLIAR APPLICATION OF BIOSTIMULANTS AND SILICON ON FRUIT SETTING, YIELD AND QUALITY OF MANGO ( <i>Mangifera indica</i> L.) CV. KESAR	2022-2023
43	Horticulture	Floriculture and Landscape Architecture	Zala Kuvarsinh Ravisinh	Dr. K. M. Karetha	VARIETAL EVALUATION OF DAHLIA ( <i>Dahlia Variabilis</i> L.) UNDER SAURASHTRA REGION CONDITION	2023-2024
44	Horticulture	Floriculture and Landscape Architecture	Patel Vinodkumar Sureshbhai	Dr. D. K. Varu	EVALUATION OF DIFFERENT GENOTYPES AND CULTIVARS OF GAILLARDIA UNDER SAURASHTRA REGION	2023-2024

45	Horticulture	Floriculture and Landscape Architecture	Shruti Umachagi	Dr. D. K. Varu	STUDIES ON GENETIC VARIABILITY AND DIVERGENCE IN TUBEROSE GENOTYPES AND VARIETIES THROUGH MORPHOLOGICAL AND MOLECULAR MARKERS	2023-2024
46	Horticulture	Floriculture and Landscape Architecture	Solanki Kaushikkumar Satvanarayan	Dr. K. M. Karetha	EVALUATION OF DIFFERENT VARIETIES AND GENOTYPES OF ADENIUM [ <i>Adenium obesum</i> (Forsk.) Roem.& Schult.] UNDER SAURASHTRA REGION	2023-2024
47	Horticulture	Floriculture and Landscape Architecture	Pithiya Ila Lakhmanbhai	Dr. D. K. Varu	EFFECT OF INTEGRATED NUTRIENT MANAGEMENT ON GROWTH, YIELD AND QUALITY OF SPIDER LILY ( <i>Hymenocallis littoralis</i> L.) cv. LOCAL	2023-2024
48	Horticulture	Vegetable Science	Senjaliya Hiteshkumar Jayantilal	Dr. K. D. Patel	INFLUENCE OF INM AND TRAINING ON GROWTH, YIELD AND QUALITY OF TOMATO ( <i>Solanum lycopersicum</i> L.) UNDER PROTECTED CULTIVATION	2024-2025
49	Horticulture	Vegetable Science	Gondaliya Bhavik Rameshbhai	Dr. K. D. Patel	HETEROISIS, COMBINING ABILITY AND PHENOTYPIC STABILITY OVER ENVIRONMENTS IN BRINJAL ( <i>Solanum melongena</i> L.)	2024-2025
50	Horticulture	Fruit Science	Manjunath Sharanappa Tondihal	Dr. D. K. Varu	DIALLEL ANALYSIS STUDIES IN PAPAYA ( <i>Carica papaya</i> L.)	2024-2025
51	Horticulture	Fruit Science	Parmar Virat Mahendra	Dr. D. R. Kanzariya	COMPARATIVE EVALUATION OF LOW COST NATURAL FARMING, ORGANIC FARMING AND CONVENTIONAL FARMING IN PAPAYA ( <i>Carica papaya</i> L.) CV. GJP 1	2024-2025
52	Horticulture	Fruit Science	Mithapara Kinnari Devshibhai	Dr. A. M. Butani	EFFECT OF DIFFERENT VARIETIES ON POLLEN VIABILITY AND CROSS COMPATIBILITY WITH KESAR MANGO	2024-2025
53	Horticulture	Floriculture and Landscape Architecture	Dodiya Truptiben Pareshbhai	Dr. B. V. Thumar	INFLUENCE OF LAND CONFIGURATION, PHYSICAL TREATMENTS AND PLANTING DEPTH ON GROWTH, FLOWERING AND CORM PRODUCTION OF GLADIOLUS ( <i>Gladiolus spp.</i> )	2024-2025
54	Horticulture	Fruit Science	Parmar Arvindkumar Ratilal	Dr. A. M. Butani	RESPONSE OF DIFFERENT LEVELS OF N, P AND K ON GROWTH, YIELD AND QUALITY OF MANGO ( <i>Mangifera indica</i> L.) CV. KESAR	2024-2025
55	Horticulture	Floriculture and Landscape Architecture	Savaliya Vishalkumar Manharbhai	Dr. N. D. Polara	EFFECT OF FOLIAR APPLICATION OF NANO UREA ON GROWTH, QUALITY AND YIELD OF ROSE CV. GLADIATOR	2024-2025
56	Horticulture	Fruit Science	Lunagariya Radhika Jitendrabhai	Dr. D. K. Varu	EFFECT OF POLLINATOR ATTRACTANTS, CHEMICALS AND GROWTH REGULATORS ON POLLINATION, FRUIT SET AND YIELD OF MANGO ( <i>Mangifera indica</i> L.) CV. KESAR	2024-2025
57	Horticulture	Vegetable Science	Zankat Shrutiben Bhikhabhai	Dr. K. D. Patel	COMPARATIVE STUDIES OF NATURAL, ORGANIC, CONVENTIONAL AND PRECISION FARMING IN BRINJAL ( <i>Solanum melongina</i> L.)	2025-2026
58	Horticulture	Vegetable Science	Vasava Hiteshkumar Vitthalbhai	Dr. A. M. Butani	EFFECT OF TIME OF TRANSPLANTING AND SPACING ON GROWTH, YIELD AND QUALITY OF BROCCOLI ( <i>Brassica oleracea</i> L. var. italica Plenck.) IN SAURASHTRA REGION	2025-2026
59	Horticulture	Fruit Science	Chaudhari Tejalben Mukeshbhai	Dr. D. R. Kanzaria	INFLUENCE OF POLLEN ON FRUIT SET AND PHYSIOCHEMICAL PARAMETERS OF GUAVA ( <i>Psidium guajava</i> L.) GENOTYPES	2025-2026
60	Horticulture	Fruit Science	Karagatiya Foram Pareshbhai	Dr. D. R. Kanzaria	STANDARDIZATION OF N, P AND K DOSE FOR MEADOW ORCHARD SYSTEM IN GUAVA	2025-2026
61	Horticulture	Floriculture and Landscaping	Nandania Mayuri Hiteshbhai	Dr. N. S. Joshi	EVALUATION OF CHRYSANTHEMUM ( <i>Dendranthema grandiflora</i> L.) VARIETIES UNDER SAURASHTRA REGION CONDITIONS	2025-2026
62	Horticulture	Floriculture and Landscape Architecture	Maheta Poojaben Vinodray	Dr. N. S. Joshi	RESPONSE OF INM AND PLANT GROWTH RETARDANTS ON GROWTH, YIELD AND QUALITY OF GOLDEN ROD ( <i>Solidago canadensis</i> L.) CV. LOCAL	2025-2026
63	Horticulture	Vegetable Science	Patel Dipt Anilkumar	Dr. K. D. Patel	EFFECT OF DATE OF TRANSPLANTING AND SPACING ON GROWTH, YIELD AND QUALITY OF KNOL-KHOL ( <i>Brassica oleracea</i> var. <i>gongylodes</i> L.) CV. PURPLE VIENNA UNDER SAURASHTRA REGION	2025-2026