

### All Faculties: Ph.D. Theses (1977 to 2004)

Sr. No.	Faculty	Discipline	Name of Student and Reg. No.	Name of Major Guide	Title of Ph.D. thesis	Year of degree
1	Agriculture	Plant Pathology	Salia H. T.	Dr. B. K. Mehta	Studies on cercospora leaf spot of mungbean phaseolus aureus roxb	1977
2	Agriculture	Entomology	Bhalani P. A.	Dr. G. M. Talati	Morphology bionomics and control of leaf weevil, cyrtozemia dispar pascoe intesting cotton	1977
3	Agriculture	Agronomy	Patel J. C.	Dr. R. H. Singh	Effects of irrigation, mulching and bioregulator on the production of sunflower ( <i>Helianthus annuus</i> L.)	1978
4	Agriculture	Horticulture	Buch M. P.	Dr. S. M. Pandya	Ecological studies of <i>capsicum annum</i> L. with the special reference to cupsaicin content	1982
5	Agriculture	Economics	Antani K .L.	Dr. V. H. Joshi	Behaviour of cereal prices in Gujarat	1986
6	Agriculture	Economics	Patel R. M.	Dr. V. H. Joshi	A study on dry farming practices under semi- arid condition in Saurashtra	1986
7	Agriculture	Soil Science	Tomar R. S.	Dr. M. V. Kanzaria	Potassium dynamics and crop responses in medium black calcareous soils of Saurashtra region	1986
8	Agriculture	Plant Breeding & Genetics	Godhani P. R.	Dr. H. R. Dave	Stability parameters and combining ability studies in cowpea ( <i>Vigna unguiculata</i> (L.) Walp.)	1986
9	Agriculture	Plant Pathology	Lakhani G. B.	Dr. M. D. Vaishnav	Investigation of corynespora cassicola (bark and curt.) wei causing leaf spot of brinjal and blight of sesame	1987
10	Agriculture	Agronomy	Patel L. K.	Dr. J. C. Patel	Response of rabi ratoon sorghum ( <i>Sorghum bicolor</i> (L.) Moench) to varying levels of irrigation, nitrogen & phosphorus	1987
11	Agriculture	Plant Breeding & Genetics	Pethani K. V.	Dr. H. R. Dave	Line X tester Studies on gene action, heterosis and phenotypic stability in pearl millet ( <i>Pennisolom typhoides</i> (B) S&H)	1987
12	Agriculture	Extension Education	Mayani V. V.	Dr. K. G. Halyal	Groundnut growers knowledge adoption and constraints in dry farming technology of groundnut	1987
13	Agriculture	Extension Education	Dave D. H.	Dr. K. G. Halyal	Communication effectiveness under the training & visit systems of agril. Extension in Rajkot division of Gujarat state	1987

14	Agriculture	Agronomy	Kulmani P.	Dr. M. T. Parmar	Studies on crop response and soil fertility changes under varying levels of nitrogen and phosphorus in wheat ( <i>Triticum aestivum</i> L.) greengram ( <i>Vigna radiata</i> L.) groundnut ( <i>Arachis hypogaea</i> L.) cropping systems	1987
15	Agriculture	Agronomy	Parida K.	Dr. M. T. Parmar	Studies on crop response and soil fertility changes under varying levels of nitrogen and phosphorus in wheat ( <i>Triticum aestivum</i> L.) greengram ( <i>Vigna radiata</i> L.) groundnut ( <i>Arachis hypogaea</i> L.) cropping systems	1987
16	Agriculture	Soil Science	Suthar D. M.	Dr. M. V. Kanzaria	Chlorosis in groundnut grown on medium black calcareous soils of western Gujarat	1988
17	Agriculture	Entomology	Bapodra J. G.	Dr. H. N. Vyas	Biometrical analysis biology population dynamics and chemical control of heliothis armigera (Hubner) under Junagadh condition	1988
18	Agriculture	Agronomy	Chaniara H. J.	Dr. J. C. Patel	Responses of rabi sunflower ( <i>Helianthus annuus</i> L.) to irrigation scheduling based on IW/PAN-E RATIO under varying levels of nitrogen and phosphorus	1988
19	Agriculture	Extension Education	Sakaria V. B.	Dr. K. G. Halyal	Role expectation , role preference, role performance and training needs of subject matter specialists working under training and visit systems in Gujarat state	1988
20	Agriculture	Entomology	Batani P. G.	Dr. H. N. Vyas	Bioinformatics, population dynamics and some aspects of management of sugarcane scale insect (melanaspis glomerata green ) under Saurashtra conditions	1988
21	Agriculture	Soil Science	Golakia B. A.	Dr. M. S. Patel	A systems approach to compromise P X Z n antagonism in what grown under different soil water conditions	1988
22	Agriculture	Agril. Economics	Khunt K. A.	Dr. K. L. Antani	Multidimensional analysis of cotton economy in Gujarat state micro one macro level approach	1989
23	Agriculture	Entomology	Vyas H. J.	Dr. H. N. Vyas	Population dynamics and chemical control of leafminer (Aproaerema modicella deventer) along with some aspect of economic injury levels and crop loss estimation in groundnut at Junagadh	1989
24	Agriculture	Plant Breeding & Genetics	Raval C. M.	Dr. H. R. Dave	Induced mutation studies for qualitative and quantitative traits in different genotypes of pearl millet ( <i>Pennisetum americanum</i> (L.) leeke )	1989

25	Agriculture	Plant Breeding & Genetics	Yusufzai A. S.	Dr. H. R. Dave	Genetics studies in brinjal under varying environments	1989
26	Agriculture	Plant Pathology	Ghodasara M. T.	Dr. M. U. Vaishnav	Investigation of the leaf spot of tomato caused by stemphylium lycopersici (enjoji) yamamoto	1989
27	Agriculture	Agril. Economics	Bhatt B. D.	Dr. V. H. Joshi	Impact of integrated rural development programme in Junagadh district	1989
28	Agriculture	Soil Science	Gundalia J. D.	Dr. M. V. Kanzaria	Effect of various soil conditioners, amendments and leaching on reclamation and crop performance in saline-alkali soils of ghed in Saurashtra	1989
29	Agriculture	Biochemistry	Kaneria K. R.	Dr. D. N. Vakharia	Characterization of solute efflux from imbibed wheat seeds	1989
30	Agriculture	Agronomy	Zalawadia N. V.	Dr. D. D. Malavia	Response of mustard ( <i>Brassica juncea</i> L. Czern and coss ) to irrigation scheduling based on cumulative pan evaporation under wet and dry sowing conditions with varying levels and sources of nitrogen and phosphorus	1989
31	Agriculture	Plant Pathology	Patel R. L.	Dr. M. U. Vaishnav	Investigation on potato diseases with special emphasis on tuber skin spot disease caused by coleophoma empotri (rostrup) petrak	1991
32	Agriculture	Plant Pathology	Jadeja K. B.	Dr. M. U. Vaishnav	Investigation on post harvest disease of mango fruits and their management	1991
33	Agriculture	Plant Physiology	Kataria G. K.	Dr. P. H. Bhatt	The physiology of growth and development in bunch type groundnut ( <i>Arachis hypogaea</i> L.) cultivars	1991
34	Agriculture	Plant Breeding & Genetics	Shah D. S.	Dr. P. T. Shukla	Studies on variability, genotype- environment interaction, heritability and stability of performance in sunflower ( <i>Helianthus annuus</i> L.)	1992
35	Agriculture	Plant Breeding & Genetics	Saiyed M. P.	Dr. P. T. Shukla	Studies on heterosis, combining ability and gene action in castor ( <i>Ricinus Communis</i> L.) under two environments	1992
36	Agriculture	Plant Physiology	Patel A. D.	Dr. P. H. Bhatt	The source manipulations in response to growth and development in groundnut ( <i>Arachis Hypogaea</i> L.) cultivatar GG-2	1992

37	Agriculture	Entomology	Borad P. K.	Dr. P. A. Bhalani	Bionomics, population dynamics and integrated management of mealybug, <i>coccidohystrix insolita</i> (Green) on pigeon pea	1993
38	Agriculture	Horticulture	Patel M. N.	Dr. D. L. Joshi	responses of garlic ( <i>Allium sativum</i> L.) to irrigation scheduling based on IW/CPE ratio under varying levels of spacing and nitrogen	1993
39	Agriculture	Agril. Botany	Agalodiya A. V.	Dr. P. T. Shukla	Estimation of genetic parameters for inheritance of grain yield and its attributes in bread wheat ( <i>Triticum aestivum</i> L. emend thell ) under varying environment	1993
40	Agriculture	Soil Science	Bhatt V. R.	Dr. M. B. Meisheri	Studies on potassium dynamics quality intensity relationship and response under intensive cropping in soils varying in native lime status	1993
41	Agriculture	Horticulture	Patel N. L.	Dr. S. P. Singh	Dynamics of growth and biomass production in some agroforestry tree species	1994
42	Agriculture	Horticulture	Chovatia R. S.	Dr. S. P. Singh	Regeneration studies of some arid fruit crops through budding grafting and air layering	1994
43	Agriculture	Horticulture	Patel B. N.	Dr. D. L. Joshi	Effect of postharvest treatments on physico-chemical characters and storage life of sapota ( <i>Manilkara achras</i> (Mill) Forsberg) fruits cv. kalipatti	1994
44	Agriculture	Extension Education	Vanparia O. D.	Dr. A. O. Kher	Differential information gaps under training and visit system with respect to groundnut production technology	1994
45	Agriculture	Horticulture	Avaiya Y. V.	Dr. D. L. Joshi	Effect of different levels of saline irrigation water on soil properties growth parameters and chemical composition of some agro forestry tree species	1994
46	Agriculture	Plant Breeding & Genetics	Kavani R. H.	Dr. P. T. Shukla	Studies on variability, heritability, genetic advance, genotype- environment interaction and stability parameters in sunflower ( <i>Carthamus tinctorius</i> L.)	1994
47	Agriculture	Agronomy	Detroja K. S.	Dr. D. D. Malavia	Effect of phosphatic fertilizer, phosphobacteria and seed size on plant stand, growth and yield of summer groundnut ( <i>Arachis hypogaea</i> L.)	1994
48	Agriculture	Extension Education	Patel B. B.	Dr. A. O. Kher	Communication patterns utilized by village level workers working under T and V systems	1994
49	Agriculture	Agril. Botany	Dhaduk H. L.	Dr. P. T. Shukla	Diallel analysis over environments in bread wheat ( <i>Triticum aestivum</i> L.em. Thell)	1994

50	Agriculture	Agril. Statistics	Vaishnav P. R.	Dr. S. K. Dixit	An empirical investigation for trends of crop productivity in long term experiment	1994
51	Agriculture	Plant Breeding & Genetics	Desai M. S.	Dr. P. T. Shukla	Estimation of genetic parameters for inheritance of grain yield and its attributes in sorghum ( <i>Sorghum bicolor</i> (L.) Moench) under varying environments	1994
52	Agriculture	Agronomy	Vyas S. H.	Dr. M. M. Modhvadia	Balanced fertilizer options in wheat ( <i>Triticum aestivum</i> L.) and their residual effect on succeeding summer greengram	1994
53	Agriculture	Agronomy	Asodaria K. B.	Dr. M. M. Modhvadia	Peanut ( <i>Arachis hypogaea</i> L.) performance under balanced use of fertilizer options & their residual effect on succeeding kharif maize	1994
54	Agriculture	Agronomy	Dudhat M. S.	Dr. D. D. Malavia	Studies on organic manures and chemical fertilizers on wheat crop & their residual effects on succeeding summer green gram crop	1994
55	Agriculture	Extension Education	Patel B. M.	Dr. A. O. Kher	Impact of frontline demonstrations on groundnut growers knowledge adoption and yield with respect to groundnut production technology	1995
56	Agriculture	Plant Breeding and Genetics	Pavasiya M. J.	Dr. P. T. Shukla	Diallel analysis over environments in upland cotton ( <i>Gossypium hirsutum</i> L.)	1995
57	Agriculture	Entomology	Radadia G. G .	Dr. V. P. Mittal	Bioecology & management of groundnut bruchid in stored groundnut	1995
58	Agriculture	Agronomy	Sadhu A. C.	Dr. D. D. Malavia	Effect of irrigation, mulching & fertility levels on mustard ( <i>Brassica juncea</i> L.) & their residual effects on succeeding groundnut crop	1995
59	Agriculture	Entomology	Patel C. C.	Dr. D. J. Koshiya	Bio-ecology, insecticidal resistance and management through chemical and natural insecticides of chickpea pod borer, <i>Helicorarpa armigera</i> (Hubmer) hardwick	1995
60	Agriculture	Plant Breeding & Genetics	Patel G. S.	Dr. K. V. Pethani	Studies on heterosis combining ability and phenotypic stability in cotton ( <i>Gossypium arboreum</i> L.)	1995
61	Agriculture	Agronomy	Manavadaria S. M.	Dr. M. M. Modhvadia	Responses of summer groundnut ( <i>Arachis hypogaea</i> L.) to varying drip irrigation levels under different systems layout and their economics Feasibility	1995
62	Agriculture	Soil Science	Samarth R. M.	Dr. M. B. Meisheri	Studies on dynamics of zinc iron manganese & their response under intensive cropping in calcareous soils	1995

63	Agriculture	Agril. Botany	Pavasia M. J.	Dr. P. T. Shukla	Diallel analysis over environments in upland cotton ( <i>Gossypium hirsutum</i> L.)	1995
64	Agriculture	Entomology	Radadia G. G.	Dr. V. P. Mittal	Bioecology and management of groundnut bruchid, <i>caryedon serratus</i> (oliver) in stored groundnut	1995
65	Agriculture	Agril. Statistics	Pandya H. R.	Dr. S. K. Dixit	Comparative efficiency of liner models for evaluating dairy sires	1997
66	Agriculture	Agril. Statistics	Upadhyay S. M.	Dr. S. K. Dixit	A statistical investigation on consumption patten of food and non food commodities in rural and urban sectors of Amreli district (Gujarat )	1997
67	Agriculture	Entomology	Bharodia R. K.	Dr. P. A. Bhalani	Integrated approaches for the management of antigashtra cataliunalis (Duponchel) along with population dynamics and varietal susceptibility of asphondylia sesami felt on sesamum	1997
68	Agriculture	Entomology	Sherasiya R. A.	Dr. P. G. Butani	Influence of intercropping on population build up of insect pests of groundnut and their natural enemies	1997
69	Agriculture	Agronomy	Dayal D.	Dr. D. D. Malavia	Evaluation of methods of irrigation along with fertigation under levels of fertility in summer groundnut ( <i>Arachis hypogaea</i> L.)	1997
70	Agriculture	Entomology	Kabaria B. B.	Dr. P. G. Butani	Population dynamics and efficacy of different insecticidal formulations against pod borers in pigeonpea with special reference to <i>helicoverpa armigera</i> (Hubner) hardwick	1997
71	Agriculture	Horticulture	Makwana A. N.	Dr. Y. M. Pasaliya	Effect of different levels of saline irrigation water on growth parameters, yield and chemicals composition of some onion ( <i>Allium cepa</i> L.) varieties & soil properties	1997
72	Agriculture	Entomology	Motka M. N.	Dr. P. G. Butani	Biology population dynamics, varietal screening & management of groundnut burchid <i>caryedon serratus</i> (Oliver)	1997
73	Agriculture	Horticulture	Tada R. P.	Dr. S. P. Singh	Genetic studies in brinjal ( <i>Solanum melongena</i> Linn.)	1997
74	Agriculture	Agronomy	Vala G. M.	Dr. V. D. Khanpara	Performance of castor ( <i>Ricinus communis</i> L.) genotypes under varying levels of time sowing and spacing in summer season	1997

75	Agriculture	Extension Education	Karkar B. R.	Dr. M. A. Munshi	Impact of national watershed development project for rainfed areas on farmers knowledge and adaption of rainfed agro technology	1998
76	Agriculture	Extension Education	Kanani P. R.	Dr. A. O. Kher	Indigenous practices of groundnut cultivation followed by the farmers of South Saurashtra zone in Gujarat state	1998
77	Agriculture	Agril. Statistics	Parmar B. A.	Dr. S. K. Dixit	Preharvest forecasting for groundnut yield based on rainfall variables	1998
78	Agriculture	Economics	Gajipara H. M.	Dr. D. B. Kuchhadiya	Economic evaluation of gohar gas plants in Junagadh district of Gujarat state	1998
79	Agriculture	Extension Education	Thakar D. M.	Dr. A. O. Kher	Well rechargers attitude towards well recharging	1998
80	Agriculture	Biochemistry	Khan N. A.	Dr. M. Parmeshwari	Biochemical and metabolic studies in wheat ( <i>Triticum aestivum</i> Linn.) plants in response to salinity	1998
81	Agriculture	Plant Pathology	Rajani V. V.	Dr. R. R. Khandar	Studies on root rot of castor ( <i>Ricinus communis</i> L.) caused by <i>Macrophomina phaseolina</i> (Tassi) gold	1998
82	Agriculture	Entomology	Raghvani B. R.	Dr. Kapadia M.N.	Management of pulse beetle <i>Callosobruchus maculatus</i> (Fabricius) in stored pigeonpea	1998
83	Agriculture	Agronomy	Sagarka B. K.	Dr. D. D. Malavia	Comparative evaluation of drip vs. surface methods of irrigation for RABI hybrid cotton <i>Gossypium lirsutum</i> L. under varying levels of nitrogen	1998
84	Agriculture	Agril. Botany	Dhakuk L. K.	Dr. P. S. Bharodia	Heterosis inbreeding depression and combining ability studies in okra ( <i>Abelmoschus esculentus</i> (L.) Moench)	1998
85	Agriculture	Entomology	Parsania G. J.	Dr. H. J. Vyas	Integrated approaches for the management of pest complex of mustard	1999
86	Agriculture	Agronomy	Kachot N. A.	Dr. D. D. Malavia	Integrated nutrient management in kharif groundnut ( <i>Arachis hypogaea</i> L.)	1999
87	Agriculture	Horticulture	Viradia R. R.	Dr. S. P. Singh	Standardization of agri. techniques in rose cv. "Gladiator"	1999
88	Agriculture	Plant Breeding & Genetics	Parmar D. L.	Dr. P. S. Bharodia	Estimates of combining ability heterosis and gene action in groundnut ( <i>Arachis hypogaea</i> L.)	1999
89	Agriculture	Horticulture	Hiwale S. S.	Dr. S. P. Singh	Studies on prolonging shelf life of some arid fruits	1999
90	Agriculture	Agronomy	Venkatewarke B.	Dr. D. D. Malavia	Nutrient management and land configurations for sustainable groundnut production under rainfed conditions	1999

91	Agriculture	Agril. Botany	Chovatia V. P.	Dr. P. T. Shukla	Heterosis and combining ability studies in durum wheat ( <i>Triticum durum</i> Desf.)	1999
92	Agriculture	Plant Pathology	Chovatia B. K.	Dr. R. R. Khandar	Studies on bacterial blight of sesame ( <i>Seasum indicum</i> L.) caused by xanthomonas campestris PV sesami (Sabet and dowson) dye, and its management	1999
93	Agriculture	Agril. Economics	Parmar K. P.	Dr. D. B. Kuchhadiya	Normative optional farm approach for increasing income through new technology and credit in dryland Agriculture of Rajkot district (Guj.)	1999
94	Agriculture	Entomology	Virani V. R.	Dr. P. G. Butani	Population dynamics varietal screening and chemical control of insect pest complex of black gram vigna mungo (L) Hepper	2000
95	Agriculture	Soil Science	Polara J. V.	Dr. J. D. Gundalia	Preliminary nitrogen phosphorus and potassium diagnosis and recommendation integrated system (dris) norms for wheat	2000
96	Agriculture	Soil Science	Hadvani G. V.	Dr. J. D. Gundalia	Effect of K and NP leves on summer groundnut ( <i>Archis hypogagae</i> L.) & their residual effect on kharif pearl Millet ( <i>Pennisetum glaucum</i> L.) and their status in medium black calcareous soil (Typic ustochrepts)	2000
97	Agriculture	Agril. Statistics	Varmora S. L.	Dr. S. K. Dixit	Evaluation of different models for preharvest forecasting of wheat productivities in Gujarat based on weather variables	2000
98	Agriculture	Agril. Botany	Dobaria J. R.	Dr. P. S. Bharodia	Inheritance of pod yield its components and confectionery characters in groundnut ( <i>Arachis hypogaea</i> L.)	2000
99	Agriculture	Biochemistry	Shukla Y. M.	Dr. M. Parmeshwaran	Biochemical studies on host pathogen interaction during vascular wilt disease in chickpea ( <i>Cicer arietinum</i> L.)	2001
100	Agriculture	Soil Science	Ranpariya L. B.	Dr. D. M. Suthar	Nutrition of groundnut in relation to sulphur , zinc and fym in medium black calcareous soils of western Gujarat	2001
101	Agriculture	Plant Pathology	Subba R. G.	Dr. R. G. Patel	Effect of land configuration mulches and nutrient management on in situ moisture conservation growth and yield of kharif groundnut ( <i>Arachis hypogelea</i> L.)	2001
102	Agriculture	Agronomy	Shekh M. A.	Dr. M. M. Modhwadia	Response of castor ( <i>Ricimus cumnis</i> L.) var GCH-4 to irrigation scheduling based on iw/cpe ratio under varying levels of bio-fertilizer, nitrogen and phosphorus	2002



103	Agriculture	Entomology	Savaliya S. D.	Dr. P. V. Butani	Bionomics population dynamics and management of mealy bug <i>ferrisia vivgata</i> (cockrell) on custard apple	2002
104	Agriculture	Entomology	Baraiya K. P.	Dr. M. N. Kapadia	Bio-efficacy of <i>beauveria bassiana</i> (balsamo) vuillemin against <i>helicoverpa armigera</i> (hubner) infesting cotton	2003
105	Agriculture	Plant Pathology	Kelaiya D. S.	Dr. R. R. Khandar	Aflatoxin production by <i>aspergillus flavus</i> link ex fries its contamination & management in groundnut ( <i>Arachis hypogeal</i> L.)	2003
106	Agriculture	Entomology	Desai V. S.	Dr. M. N. Kapadia	Bio-efficacy of <i>bacillus thuringiensis</i> var. <i>kurstaki</i> against <i>earias vittella</i> (Fabricius) infesting okra	2003
107	Agriculture	Agril. Economics	Shaheen F. A.	Dr. R. L. Siyani	Feasibility sustainability equity and institutional aspects of groundwater irrigation in over exploited areas of North Gujarat	2004
108	Agriculture	Plant Breeding & Genetics	Vaghasiya M. H.	Dr. K. V. Pethani	Line x tester over environments in pearl millet ( <i>Pennisetum glaucus</i> (L.) R. Br.)	2004
109	Agriculture	Entomology	Khanpara A. V.	Dr. M. N. Kapadia	Bio-efficacy of biopesticides against <i>helicoverpa armigera</i> (Hubner) infesting pigeonpea	2004
110	Agriculture	Agronomy	Mathukia R. K.	Dr. V. D. Khanpara	Responses of castor ( <i>Ricinus communis</i> L.) to moisture conservation practices and zinc fertilization under rainfed condition	2004
111	Agriculture	Soil Science	Chodavadiya M. B.	Dr. B. A. Golakiya	Fractionations of soil organic matter in long term fertilizers experiment	2004
112	Agriculture	Agril. Botany	Javia R. M.	Dr. V. K. Poshiya	Heterosis and combining ability over environments in okra ( <i>Abelmoschus esculentus</i> (L.) Moench)	2004
113	Agriculture	Plant Breeding & Genetics	Jivani L. L.	Dr. H. M. Pandya	Genetic analysis of yield its conforments and quality character in groundnut ( <i>Arachis hypogaeaa</i> L.)	2004
114	Agriculture	Soil Science	Nariya J. N.	Dr. B. A. Golakiya	Dynamics of micronumients fractions in the calcareous soils of Saurashtra region	2004