M.Sc. Theses Submitted (April 2020 to June 2026)

Sr. No.	Title of the thesis	Name of student	Name of guide
2020-21			
1	Impact of long-term balance nutrient management on soil potassium dynamics under groundnut-wheat cropping sequence in a calcareous Vertic Haplustepts under AICRP-LTFE soils	Gajera Komal	Dr. A. V. Rajani
2	Relative tolerance of groundnut (Arachis hypogaea L.) varieties under simulated soil salinity	Dalsaniya Hetal M	Dr. L. C. Vekaria
3	Relative tolerance of soyabean varieties under simulated soil salinity	Bhalani D. A.	Dr. K. B. Parmar
4	Evaluation of Microbial consortia enriched vermicompost formulation in soyabean (Glycine max L.)	S. P. Bhola	Dr. B. B. Kunjadia
5	Effect of cadmium and FYM on yield and chemical composition of forage sorghum in medium black calcareous soil	Sabhad Hasmukh	Dr. H. L. Sakarvadia
6	Effect of cadmium and FYM on yield, nutrients content and uptake by forage maize in medium black calcareous soil.	Chavada Narendra	Dr. H. L. Sakarvadia
7	Effect of sulphur and sulphur solubilizing bacteria (SSB) on yield, quality, nutrient uptake and sulphur fraction in kharif groundnut (Arachis hypogaea L.)	Karamta Nirav	Dr. J. J. Vaghani
8	Soil properties and yield of groundnut varieties as influenced by variable RSC of irrigation water	Dewansi Kumari	Dr. J. V. Polara
9	Relative tolerance of pigeon pea (Cajanus cajan L.) varieties under simulated soil salinity Conditions	Gaytri Soni	Dr. S. G. Savalia
10	Dynamics of micronutrient in a calcareous vertic haplustept under AICRP-LTFE soils	Viramgama Anjli	Dr. M. S. Solanki
2021-22			
11	Soil properties and yield of summer bajra [Pennisetum glaucum(L.) R. Br.] As influenced by use of water having variable salinity and sodicity.	Anurodh Kamathker	Dr. J. V. Polara
12	Effect of potassium and zinc on yield and quality of bio fortified pearl Millet [Pennisetum glaucum (L.) R. Br.] And post-harvest soil fertility	Asodariya Siddharth Rajeshbhai	Dr. A. V. Rajani
13	Phosphors availability and dynamics in soil affected by long term nutrient management under groundnut-wheat cropping sequence in AICRP-LTFE soils	Chaurya Jagrutiben Ramanbhai	Dr. A. V. Rajani
14	Comparative study of silicon v/s organic manures on yield and chemical composition of wheat	Chauhan Karansinh Jayshukhbhai	Dr. H. L. Sakarvadia

15	Effect of nitrogen and Silicon on growth, yield and nutrient composition of wheat (Triticum aestivum L.)	Thushara O C D/O Umesh Kumar	Dr. K. B. Parmar
16	Effect of foliar application of water soluble fertilizers on growth, yield and quality of chickpea (Cicer arietinum L.)	Vala Dharaben Ranabhai	Dr. J. J. Vaghani
17	Effect of sulphur and Sulphur solubilizing bacteria on yield and nutrient Uptake by garlic (Allium sativum L.) And on sulphur fraction in soil	Vora Talpesh Vitthalbhai	Dr. B. P. Talavia
18	Effect of silicon on yield and chemical composition of wheat (Triticum aestivum L.) under simulated soil salinity	Viroja Priya	Dr. L. C. Vekaria
19	Effect of silicon and zinc on yield, quality and uptake of nutrients on wheat (*Triticum aestivum* L.)	Gondaliya Dhara	Dr. S. G. Savalia
2022-23			
20	Appraisal of salinity/sodicity parameters in the soils of north Saurashtra agro-climatic zone	Shruti Gaur	Dr. K. B. Parmar
21	Evaluation of underground water quality in north Saurashtra agro climatic zone	Jadav Bhumika Bhagvanbhai	Dr. J. J. Vaghani
22	Forms of sulphur in the soils of north Saurashtra agro-climatic zone of Gujarat	Suraj Kumar	Dr. L. C. Vekaria
23	Forms of sulphur in the soils of south Saurashtra agro-climatic zone	Sejpal Priyank Jashwant Bhai	Dr. H. L. Sakarvadia
24	Evaluation of underground water quality in south Saurashtra agro climatic zone	Vadhadia Paritaben Dipakbhai	Dr. S. G. Savalia
25	Evaluation of boron status in the soils of Saurashtra region	Gorasiya Chirag Amrishbhai	Dr. K. B. Parmar
26	Evaluation of organic carbon status in the soils of Saurashtra region	Ganvit Khushbuben Nareshbhai	Dr. A. V. Rajani
2023-24			
27	Effect of sulphur sources and sulphur oxidizing bacteria (SOB) on yield, quality and nutrients uptake by summer soybean	Patel Anjaliben Mukeshbhai	Dr. J. J. Vaghani
28	Effect of phosphorus & phosphorus solubilizing bacteria (PSB) on soil phosphorus availability, yield & nutrients uptake by summer green gram	Navdeep Singh Bhati	Dr. H. L. Sakarvadia
29	Evaluation of nitrate, fluoride and heavy metals contamination in underground water of Saurashtra region	Vasoya Mansi Hitendrabhai	Dr. L. C. Vekaria
30	Effect of phosphorus & phosphorus solubilizing bacteria (PSB) on soil phosphorus availability, yield & nutrients uptake by soybean	Kore Meghana	Dr. A. V. Rajani

31	Appraisal of salinity/sodicity parameters in the soils of south Saurashtra agro-climatic zone	Bamaniya Vimalkumar Parvatsinh	Dr. L. C. Vekaria
2024-25			
32	Effect of water soluble fertilizer on growth, yield, quality and nutrient content and uptake by summer green gram (*Vigna radiata* L.)	Vaghasiya Khushi Vajubhai	Dr. A. V. Rajani
33	Effect of nano dap on growth, yield and nutrient uptake by soybean	Namitha Maria Sebastian	Dr. L. C. Vekaria
34	Effect of farmyard manure on phytostabilization of lead under sorghum cultivation	Chauhan Pujaben Nagajan	Dr. H. L. Sakarvadia
35	Effect of polymer coated nitrogen and phosphorus on growth, yield and nutrient uptake by wheat (*Triticum aestivum* L.)	Usadadiya Bhaktiben Rohitbhai	Dr. L. C. Vekaria
36	Effect of cotton biochar and salicylic acid on physico-chemical properties of soil, nutritents accumulation and yield of greengram	Hapalia Surbhi	Dr. J. J. Vaghani
2025-26			
37	Effect of soil texture and organic manure on growth, nutrient accumulation and yield of *kharif* groundnut (*Arachis hypogaea* L.)	Diwaker Khatri	Dr. H. L. Sakarvadia
37	Effect of soil texture and saline irrigation water on growth, yieldandnutrients composition of *Rabi* onion (*Allium cepa* L.)	Thella Sathish	Dr. K. B. Parmar
39	Effect of water soluble fertilizer on growth, yield, quality and nutrient content and uptake by chickpea (*Cicer arietinum* L.)	Solanki Dharmishthaben G.	Dr. A. V. Rajani
40	Effect of nano DAP on growth, yield and nutrient uptake by chickpea	Malaviya Kruti R.	Dr. L. C. Vekaria
41	Effect of sulphur and sulphur oxidizing bacteria (SOB) on nutrients uptake by chickpea	Rathod Jignaben Naranbhai	DR. J. J. Vaghani
42	Response of wheat (Triticum aestivum L.) to biofertilizer under salinity stress condition.	Vadhel Kinjalben Devsibhai	Dr. L. C. Vekaria
43	Effect of organic manure on wheat under saline irrigation water.	Sorani Sejal Mansukhbhai	Dr. J. J. Vaghani
44	Effect of farm yard manure on phytostabilization of lead under fodder maize cultivation in different soil texture	Kareena Shekhawat	Dr. J. J. Vaghani