

List of Ph. D. Theses, Department of Agricultural Statistics

Sr. No.	Title of Thesis	Name of Student	Major Advisor	Year
1.	A study on the variety X environment interaction in Groundnut in Gujarat	Mr. M. R. Vaishnav	Dr. R. M. Patel	1977
2.	Prediction of the Wheat yield in Gujarat from temperature and total precipitation	Mr. K. Rama Varma Raja	Dr. R. M. Patel	1978
3.	Comparison of the fan design with the conventional designs for spacing experiments-An empirical study	Mr. N. M. Patel	Dr. R. M. Patel	1978
4.	Preharvest forecasting of Groundnut yield in Gujarat utilizing eye estimate and rainfall variables	Mr. T. J. Khatri	Dr. R. M. Patel	1979
5.	Assessment of crop loss in hybrid 4 Cotton due to pest and diseases	Mr. M. Murugesan	Dr. R. M. Patel	1981
6.	Nutrient status of the soils of Gujarat and its crop response relationship	Mr. J. H. Pathak	Dr. R. M. Patel	1982
7.	A biometrical study of genetic divergence in Marconi wheat under irrigated conditions	Mr. S. K. Dixit	Dr. R. M. Patel	1984
8.	Assessment of crop in Okra (<i>Abelmoschus esculentus</i> L.) due to pest and diseases	Mr. J. K. Patel	Dr. R. M. Patel	1985
9.	On comparison of some stability analysis models	Mr. B. H. Prajapati	Dr. N. M. Patel	1994
10.	Coefficient of variation in field experiments and yardsticks thereof –An empirical study	Mr. J. K. Patel	Dr. N. M. Patel	1994
11.	Comparison of some methods of estimation of heritability and genetic gain in Gir Cattle	Mr. R. L. Kalawadia	Dr. M. R. Vaishnav	1994
12.	Variability analysis in field experimentation – A case study on Maize	Mr. V. P. Singh	Dr. N. M. Patel	1995
13.	On analysis of long term experiments with change in input	Mr. M. L. Lakhera	Dr. N. M. Patel	1996
14.	North Carolina designs in analysing genetic variation	Mr. R. M. Sundar	Dr. N. M. Patel	1997
15.	On comparison of plant breeding design for genetic analysis	Mr. J. S. Patel	Dr. N. M. Patel	1997

16.	A statistical investigation on consumption pattern of food and non-food commodities in rural and urban sectors of Amreli district (Gujarat)	Mr. S. K. Upadhyay	Dr. S. K. Dixit	1997
17.	Evolution of different models for preharvest forecasting of wheat productivity in Gujarat based on weather variables	Mr.S. L. Varmora	Dr. S. K. Dixit	2000
18.	An empirical investigation to study the trends in crop response based on parametric and non-parametric regression approaches in long-term experiment	Mr. A. Rajarathinam	Dr. S. K. Dixit	2006
19	An empirical investigation on statistical evaluation for analysing the intercropping experiments	Mr. B. K. Bhatt	Dr. S. K. Dixit	2007
20	Nearest neighbour analysis in improving the efficiency of field experiments- An empirical investigation	Mr. V. B. Darji	Dr. S. K. Dixit	2007
21.	Clustering of villages based on soil parameters - A case study of Panchmahal district	Mr. A. N. Khokhar	Dr. S. K. Dixit	2008
22.	Comparison of different methods for stability analysis in Rice (<i>Oryza sativa</i> L.)	Mr. D. J. Parmar	Dr. J. S. Patel	2010
23.	Statistical modelling on area, production and productivity of major crops of middle Gujarat – A case study	Mr. R. S. Parmar	Dr. P. R. Vaishnav	2010
24.	Statistical evaluation of different methods for pre- harvest forecasting of Rice productivity based on weather variables in Kheda district of middle Gujarat.	Mr. Mayur Shitap	Dr. P. R. Vaishnav	2015
25.	Evaluation of different statistical models for pre-harvest forecasting of pearl millet (<i>Pennisetumglacum</i> L.) productivity in Kheda district of middle Gujarat.	Ms. Satvinder Kour	Dr. P.R. Vaishnav	2017
26.	Comparison of Randomized Complete Block Design and Variance Balanced Design for Diallel Crosses	Mr. Popat Raj Chimanhbai	Dr. V. B. Darji	2021
27.	Growth analysis of Major fruit and vegetable crops of Gujarat	Ms. Gundaniya Hiral V.	Dr. V. B. Darji	2022