

## Department of Seed Science and Technology

**Details of the post graduate students passed out from the department (Since 2008):**

Sr. No.	Thesis title	Degree	Name of student	Name of the Major Guide	Year
1.	Seed mycofloras of Chilli ( <i>Capsicum annuum</i> L.) cultivars collected from different locations of Gujarat.	M. Sc. (Ag)	Kalyani Kumari	Dr. G. C. Jadeja.	2011
2.	Seed mycofloras of tomato ( <i>Lycopersicon esculentum</i> L.) cultivars collected from different locations of Gujarat.	M. Sc. (Ag)	Nation Chamling	Dr. G. C. Jadeja	2011
3.	Seed viability parameters and maturity indices in groundnut ( <i>Arachis hypogaea</i> L.) during kharif & summer.	M. Sc. (Ag)	Santhosh K. D.	Dr. Sasidharan N.	2012
4.	Influence of plant growth regulators on growth, seed yield and quality in okra ( <i>Abelmoschus esculentus</i> L. Moench) cv. GAO-5 under middle Gujarat condition.	M. Sc.	Ravat Anilkumar L.	Dr. H. R. Kher	2014
5.	Study of differential expression pattern of resistance against <i>Aspergillus</i> infestation in <i>Arachis sp.</i>	Ph.D.	Kalyani Kumari	Dr. Sasidharan N.	2014
6.	Influence of decapitation and plant growth regulators on plant growth, seed yield and quality of cluster bean ( <i>Cyamopsis tetragonoloba</i> L. Taub.,) variety Pusa Navbahar for summer season.	M. Sc. (Ag).	Payal Bhabhor	Dr. H. R. Kher	2014
7.	Study of seed viability and vigour in Onion under accelerated aging	M. Sc. (Ag)	Makani Nirav	Dr. Sasidharan N.	2014
8.	Effect of priming on quality parameters of Onion seed after artificial ageing.	M. Sc. (Ag)	Akshat Yadav	Dr. Sasidharan N.	2015
9.	Standardization of quality seed production technology in Bottle gourd <i>var.</i> ABG-1	M. Sc. (Ag)	Dhimant Desai	Dr. Kalyanrao Patil	2015
10.	Studies on seed yield and quality	M. Sc.	Ankit Raval	Dr.	2016

	parameters in Tomato ( <i>Lycopersicon esculentum</i> L.)	(Ag)		Sasidharan N.	
11.	Effect of pre-sowing seed treatment on seed yield and study on seed quality under different ageing treatment in cumin	M. Sc. (Ag)	Vrushank Trivedi	Dr. Kalyanrao Patil	2016
12.	Seed priming in chickpea ( <i>Cicer arietinum</i> L.) and its effect on morphological and seed quality parameters after artificial aging.	Ph.D	Sangram Singh	Dr. Sasidharan N.	2016
13.	Influence of different storage containers and temperature on storability of onion seed var. GAWO-2	M.Sc.(Ag)	Baldaniya Natubhai Pachabhai	Dr. Kalyanrao Patil	2017
14.	Effect of pollination time and crossing ratio on fruit set and quality of brinjal ( <i>Solanum melongena</i> L.) hybrid under middle Gujarat condition	M.Sc.(Ag)	Korat Vishalkumar Rameshbhai	Dr. B.R. Patel	2017
15.	Seed technological studies for improving yield, storability and longevity of wheat ( <i>Triticum aestivum</i> L.)	Ph.D	Avinash Prabhakar Karjule	Dr. Kalyanrao Patil	2018
16.	Artificial ageing, seed priming and storage environment studies in soyabean.( <i>Glycine max</i> L. Merrill)	Ph.D	Desai Dhimantkumar J.	Dr. Sasidharan N.	2018
17.	Effect of physical, chemical and temperature treatments on seed quality enhancement in senna ( <i>Cassia angustifolia</i> Vahl.)	M.Sc.(Ag)	Patel Jay Rajeshkumar	Dr. Kalyanrao Patil	2019
18.	Effect of mechanical, chemical, growth hormone and biofertilizer treatments on seed quality enhancement in ashwagandha ( <i>Withania somnifera</i> Dunal)	M.Sc.(Ag)	Sapra Narendrakumar Chandubhai	Dr. Sasidharan N.	2019
19.	Effect of different spacing and planting ratio on seed yield and quality parameters in Chilli ( <i>Capsicum annuum</i> L.)	M.Sc.(Ag)	Chandela Jayashri	Dr. Kalyanrao Patil	2020
20.	Assessment of Seed viability vigour and associated characters using genomic tools in wheat ( <i>Triticum aestivum</i> ) under salt stress condition	Ph.D	Pusarla Susmitha	Dr. Kalyanrao Patil	2020

21.	Evaluation of different genotypes for Seed quality and standardization of seed testing procedure in Isabgol ( <i>Plantago ovata</i> )	M.Sc.(Ag)	Yadav Durgesh	Dr. Kalyanrao Patil	2021
22.	Effect of number of fruit retention and days to fruit maturity on seed yield and quality parameters of okra var. GAO 8	M.Sc.(Ag)	Patel Naiya	Dr. Kalyanrao Patil	2022
23.	Effect of seed priming on crop growth, seed yield and influence of altered accelerated seed ageing on physiological and biochemical parameters in cumin seed ( <i>Cuminum cyminum</i> L.)	Ph.D	Disha Patel	Dr. Kalyanrao Patil	2023
24.	Influence of packaging materials and storage duration on seed quality parameters on sweet corn hybrid var. Madhuram	M.Sc.(Ag)	Pooja Parmar	Dr. M. B. Patel	2023