



DEPARTMENT OF GENETICS & PLANT BREEDING,

N.M. College of Agriculture, NAU, Navsari

Introduction

Department of Genetics and Plant Breeding is one of the prime department of the N.M. College of Agriculture. The main activity of this department is to impart teaching at Under Graduate (UG) and Post Graduate (PG) level along with research and extension in the discipline of Genetics & Plant Breeding and Plant Physiology.

Teaching

Under Graduate courses (Odd semester)

Sr. No.	Semester	Course No.	Title of course	Credit
1	First	PBG. 1.1	Economic Botany	1 + 1
2	Third	PBG. 3.3	Principles of Plant Breeding	2 + 1
3	Third	Pl. Phy. 3.1	Crop Physiology - I	2 + 1
4	Fifth	PBG. 5.5	Principles of Seed Technology	2 + 1
5	Seventh	RAWE 7.4	RAWE	0 + 1
Total credit				12

Under Graduate courses (Even semester)

Sr. No.	Semester	Course No.	Title of course	Credit
1	Second	PBG.2.2	Principles of Genetics	2+1
2	Fourth	PBG. 4.4	Breeding of Field / Horticultural Crops	2+1
3	Fourth	Pl. Phy. 4.2	Crop Physiology - II	1+1
4	Sixth	PBG. 6.6	Principles of Plant Biotechnology	2+1
5	Sixth	Envs 6.1	Environmental Science	1+1
6	Eight	PBG-8.8	Molecular Breeding	1+2
7	Eight	PBG-8.9	Plant Tissue Culture	1+3
8	Eight	PBG-8.10	Recombinant DNA Technology	1+2
Total credit				23
Grand Total (Odd + Even)				12+23 = 35

Post Graduate courses (Discipline: Genetics & Plant Breeding)
(Odd semester)

Sr. No.	Course No.	Title of course	Credits
1	GP-501	Principles of Genetics	2 + 1
2	GP-502	Principles of Cytogenetics	2 + 1
3	GP-503	Principles of Plant Breeding	2 + 1
4	GP-508	Cell Biology & Molecular Genetics	2 + 1
5	GP-511	Breeding Cereals, Forages & Sugarcane	2 + 1
6	GP-601	Plant Genetic Resources & their Utilization	2 + 0
7	GP-603	Genomics in Crop Improvement	2 + 1
8	GP-608	Advances in Breeding of Major Field Crops	3 + 0
9	GP-591	Master Seminar	1 + 0
10	PGS-509	Intellectual Property rights and its management in Agriculture	1 + 0
Total credits			25

Post Graduate courses (Discipline: Genetics & Plant Breeding)
(Even semester)

Sr. No.	Course No.	Title of course	Credits
1	GP-504	Principles of Quantitative Genetics	2 + 1
2	GP-509	Biotechnology for Crop Improvement	2 + 1
3	GP-512	Breeding legumes, Oil Seeds & Fiber Crops	2 + 1
4	GP-602	Advances Biometrical and Quantitative Genetics	2 + 1
5	GP-604	Molecular & Chromosomal Manipulations in Crop Improvement	2 + 0
6	GP-605	Advanced Plant Breeding Systems	2 + 0
7	PBG -2.2 (Pre-requisite)	Principles of Genetics	2 + 1
8	PBG -901	Seminar	1 + 0
Total Credits			20

Post Graduate courses (Discipline: Crop Physiology)
(Odd semester)

Sr. No.	Course No.	Title of Course	Credits
1	PP 501	Principles of Plant Physiology	3 + 1
2	PP 503	Physiological and Molecular Responses of Plants to Abiotic Stresses	2 + 1
3	PP 506	Physiology of Growth and Yield and Modeling	1 + 1
4	PP 510	Physiological and Molecular Aspect of Photosynthesis - Carbon & Nitrogen Assimilation	2 + 1
5	PP 511	Mineral Nutrition	2 + 1
6	PP 692	Doctoral Seminar II	1 + 0
7	Pl.Physiol.3.1 (Pre requisite)	Crop Physiology I	2 + 1
Total credits			19

Post Graduate courses (Discipline: Crop Physiology)
(Even semester)

Sr. No.	Course No.	Title of Course	Credits
1	PP 502	Plant development biology - Physiological & molecular basis	2 + 0
2	PP 504	Hormonal regulation of plant growth & development	2 + 1
3	PP 508	Morphogenesis, tissue culture & transformation	2 + 1
4	PP 601	Functional genomics & genes associated with a few physiological processes	2 + 1
5	PP 691	Doctoral Seminar I	1 + 0
6	PP 692	Doctoral Seminar I	1 + 0
7	Pl.Physiol.4.2 (Pre requisite)	Crop Physiology II	2 + 1
8	Envs 6.1 (Pre requisite)	Environment Science	1 + 1
Total credits (ODD Semester)			17

Teaching achievement

Number of students awarded PG degree

Sr. No.	Period	Number of P.G. students awarded degree		
		M.Sc.(Agri.)	Ph D	Total
1.	1985 to 1990	29	1	30
2.	1991 to 1995	21	6	27
3.	1996 to 2000	19	10	29
4.	2001 to 2005	30	9	39
5.	2006 to 2010	37	19	56
6.	2011	8	2	10
7.	2012	20	4	24
8.	2013	14	9	23
9.	2014	16	7	23
10.	2015	13	5	18
11.	2016	24	9	33
Total		231	81	312

Number of students qualified ICAR JRF exam (Subject: Plant Science & Plant Biotechnology)

Sr. No.	Year	Number of Student qualified		Total
		Subject: Plant Science	Subject: Plant Biotechnology	
1	2010	3	1	4
2	2011	4	-	4
3	2012	1	1	2
4	2013	2	3	5
5	2014	3	1	4
6	2015	5	2	7
7	2016	4	1	5
Total		22	9	31

Number of students qualified SRF exam (Subject: Genetics & Plant Breeding)

Sr. No.	Year	Number of Student
1	2013	1
2	2015	1
Total		2

**Number of students qualified ASRB NET exam
(Subject: Genetics & Plant Breeding & Plant Physiology)**

Sr. No.	Year	Number of Student qualified		Total
		Subject: Genetics & Plant Breeding	Subject: Plant Physiology	
1	2008	1	1	2
2	2009	-	1	1
3	2010	1	-	1
4	2011	-	-	-
5	2012	2	1	3
6	2013	12	-	12
7	2014	4	2	6
8	2015	1	-	1
9	2016	-	-	-
Total		21	5	25

Ongoing Projects

Sr. No.	Budget Head	Title of the Scheme
Plan Scheme		
1	12135	Establishment of department of plant physiology, tissue culture and biotechnology at agricultural college
2	12933	“Genetic improvement and physiological evaluation of Ginger, Turmeric and Sesbenia
3	2045	AICRP on spices (Voluntary Center)

Departmental staffs are actively engaged in following extension activities

KrishiMohatsav programme

Khedut shibir

Krishimela

Seminar

Visiting farmer's field

Training to the students

Farmer's training programme

Farmer's seminar

Technology demonstration

Exhibition

TV programme and Radio talk

Magazine, Booklet & Leaflet

Seminar/Conference/Symposia organised

One day ISPP West Zonal Seminar on "*Enhancement of Crop Productivity through physiological interventions*" on May 11, 2015 in collaboration with Indian Society for Plant Physiology (ISPP), New Delhi.

Participations of staffs in Training/Seminar/Conference/Symposia/Workshop

Training: 15

Seminar: 30

Conference: 5

Symposia: 5

Workshop: 5

Publications

Sr. No.	Type of publication	Number
1	Research papers	67
2	Short communications	3
3	Abstracts	20
4	Books/Booklets/Chapters	4
5	Popular articles/ Bulletins/Leaflets	19

Any other relevant / significant information

Banana tissue culture plants Var. G9 and turmeric seed are produce and sale to the farmers of South Gujarat.

Sr. No.	Crops
1	Banana Tissue Culture plant Var.G9
2	Turmeric Seed Production

List of practical manual (UG) prepared & published by the Department

Sr. No.	Semester	Course No.	Title of the course
1	First	PBG 1.1	Economic Botany
2	Second	PBG 2.2	Principles of Genetics
3	Third	PBG 3.3	Principles of Plant Breeding
4	Third	Pl.Phy 3.1	Crop Physiology - I
5	Fourth	PBG 4.4	Breeding of Field / Horticultural Crops
6	Fourth	Pl.Phy 4.2	Crop Physiology - II
7	Fifth	PBG 5.5	Principles of Seed Technology
8	Sixth	PBG 6.6	Principles of Plant Biotechnology
9	Eight	PBG 8.8	Molecular Breeding
10	Eight	PBG 8.9	Plant Tissue Culture
11	Eight	PBG 8.10	Recombinant DNA Technology

Infrastructure / Facilities

For Under and Post Graduate studies and research work well equipped laboratories are available in this department.

Plant Tissue Culture laboratory and Plant Physiology laboratory are set up in this department.

Botanical Garden is well set up and maintain by this department.

About one ha farm for research work on spices and field crops are maintain by this department.

Polyhouse and Net house facilities are available in this department.

Instrument available in the laboratory

Sr. No.	Name of the instrument	Sr. No.	Name of the instrument
1	Laminar Air flow cabinet	9	Centrifuge
2	Photosynthesis system	10	Chlorophyll Content meter
3	Leaf area meter	11	Autoclave
4	PCR	12	Incubator
5	Gel Doc	13	Shaker Machine
6	UV Spectrophotometer	14	Ice Flaking Machine
7	Deep Freezer	15	Oven
8	Micro scope	16	Microwave-Ovens

List of thesis record of M. Sc (Agri.) students

Sr. No.	Name of the student	Title of thesis	Name of Guide	Faculty	Subject	Submission year
1	Gohil M.D.	Physiological Studies of Heterosis in Cotton Hybrid-4 (<i>Gossypium hirsutum</i> L.).	Dr. K. G. Mehta	M.Sc. (Agri.)	Plant Physiology	1985
2	Patel K.C.	Effect of Gibberellic acid, Kinetin and Ascorbic Acid on Growth, Development and Yield Components of Green Gram . (<i>Vigna radiata</i> (L.) Wilczek).	Dr. K. G. Mehta	M.Sc. (Agri.)	Plant Physiology & Ecology	1985
3	Patel B.C.	Phenotypic Stability in Wheat (<i>Triticum aestivum</i> Linn emend. Thell).	Dr. P.S. Vashi	M.Sc. (Agri.)	Plant Breeding & Genetics	1985
4	Patel S.R.	Studies on the Effect of Foliar Application of Urea, Gibberellic Acid and Kinetin on Growth and Development of Groundnut. (<i>Arachis hypogaea</i> L.) Var. GAUG-10.	Dr. D.P. Singh	M.Sc. (Agri.)	Plant Breeding & Genetics	1985
5	Patel M. P.	Heterosis, Combining Ability and Inbreeding Depression in Grain Sorghum (<i>Sorghum bicolor</i> L.) Moench.	Dr. P. S. Vashi	M.Sc. (Agri.)	Plant Breeding & Genetics	1986
6	Patel J. N.	Character Association and Genetic Divergence in Pigeon pea (<i>Cajanus cajan</i> L.) Millsp.	Dr. P. S. Vashi	M.Sc. (Agri.)	Plant Breeding & Genetics	1986
7	Patel P. I.	Heterosis, Combining Ability and Adaptability in Grain Sorghum (<i>Sorghum bicolor</i> L.) Moench.	Dr R. H. Patel	M.Sc. (Agri.)	Plant Breeding & Genetics	1987
8	Oza M. R.	Diallel Analysis in Transplanted Paddy (<i>Oryza sativa</i> L.).	Dr. V. C. Amin	M.Sc. (Agri.)	Plant Breeding & Genetics	1988
9	Parmar V. L.	Heterosis and Combining Ability Studies in Brinjal (<i>Solanum</i>	Dr. V. C. Amin	M.Sc. (Agri.)	Plant Breeding &	1988

		<i>melongena</i> L.).			Genetics	
10	Intwala C. G.	Diallel Analysis in Drilled Paddy (<i>Oryza sativa</i> L.).	Dr. P. S. Vashi	M.Sc. (Agri.)	Plant Breeding & Genetics	1988
11	Patel J. S.	Variability and D ² -Analysis in Ragi (<i>Eleusine coracana</i> Gaertn).	Dr. R. H. Patel	M.Sc. (Agri.)	Plant Breeding & Genetics	1988
12	Kaila J. G.	Diallel Analysis for Harvest index, Grain yield and its Components in <i>Sorghum bicolor</i> (L.) Moench.	Dr. K. B. Desai	M.Sc. (Agri.)	Plant Breeding & Genetics	1988
13	Patel B. C.	Heterosis and Combining Ability in cowpea (<i>Vigna unguiculata</i> L.) Walp.	Dr. V. C. Amin	M.Sc. (Agri.)	Plant Breeding & Genetics	1988
14	Patel S. R.	Heterosis and Combining ability in Paddy (<i>Oryza sativa</i> L.)	Dr. N. M. Desai	M.Sc. (Agri.)	Plant Breeding & Genetics	1988
15	Desai D. G.	Evaluation of Interspecies Crosses in Segregating Generations for Various Characters in Gossypium.	Dr. S. N. Badaya	M.Sc. (Agri.)	Plant Breeding & Genetics	1988
16	Patel. H. S.	Genetic Variability, Correlation and Path Coefficient Analysis in Green Gram (<i>Vigna radiata</i> (L.) Wilczek.	Dr. N. M. Desai	M.Sc. (Agri.)	Plant Breeding & Genetics	1989
17	Patel S.G.	Genetic Variability, Correlation and Path Analysis in Rice (<i>Oryza sativa</i> L.).	Dr R.M. Prajapati	M.Sc. (Agri.)	Plant Breeding & Genetics	1989
18	Savalia M. G.	Genetic Variability, Correlation and Path Coefficient Analysis in Pigeon pea (<i>Cajanus cajan</i> L.) Millsp.	Dr. N. M. Desai	M.Sc. (Agri.)	Plant Breeding & Genetics	1989
19	Patel M. J.	Variability and Correlation Studies in F ₂ Population of Rice (<i>Oryza sativa</i> L.).	Dr R.M. Prajapati	M.Sc. (Agri.)	Plant Breeding & Genetics	1989
20	Mali S.C.	Mutagenesis in Vari (<i>Panicum</i>	Dr. R. H.	M.Sc.	Plant Breeding &	1989

		<i>miliare</i> Lam.).	Patel	(Agri.)	Genetics	
21	Vadodaria K. Y.	Mutagenesis in Finger Millet. (<i>Eleusine coracana</i> Gaertn.).	Dr. R. H. Patel	M.Sc. (Agri.)	Plant Breeding & Genetics	1989
22	Patel R. G.	Line X Tester Analysis in Castor (<i>Ricinus communis</i> L.).	Dr. P. S. Vashi	M.Sc. (Agri.)	Plant Breeding & Genetics	1989
23	Mehta .D. R.	Diallel Analysis in Castor (<i>Ricinus communis</i> L.).	Dr. P. S. Vashi	M.Sc. (Agri.)	Plant Breeding & Genetics	1989
24	Savalia D. V.	Heterosis and Combining Ability Analysis in Sesamum. (<i>Sesamum indicum</i> L.).	Dr. P. S. Vashi	M.Sc. (Agri.)	Plant Breeding & Genetics	1989
25	Makwana S.M.	Heterosis and Combining Ability in Rice (<i>Oryza sativa</i> L.).	Dr. R.M. Prajapati	M.Sc. (Agri.)	Plant Breeding & Genetics	1990
26	Bhuva A.R.	Genetic Variability, Correlation and Path Coefficient Analysis in Black Gram [(<i>Vigna mungo</i> (Linn.) Hepper)].	Dr. N. M. Desai	M.Sc. (Agri.)	Plant Breeding & Genetics	1990
27	Kurup N.S.	Physiological and Biochemical Aspects of Seed Germination in Okra (<i>Abelmoschus esculentus</i> L. Moench) Varieties.	Dr. R.R. Shah	M.Sc. (Agri.)	Plant Physiology	1990
28	Gor R.B.	Some Physiological and Biochemical Changes in Pigeon pea (<i>Cajanus cajan</i> (L.) Millsp) Varieties During Germination.	Dr. R.R. Shah	M.Sc. (Agri.)	Plant Physiology	1990
29	Panuriya S. G.	Genetic Study of Inheritance of Yield and Yield Components in Castor (<i>Ricinus communis</i> L.).	Dr. R.M. Prajapati	M.Sc. (Agri.)	Plant Breeding & Genetics	1990
30	Chauhan B.C.	Effect of Different Salinity Leaves on Initial Growth and Development of Two Okra (<i>Abelmoschus esculentus</i> L. Moench) Varieties.	Dr. R. R. Shah	M.Sc. (Agri.)	Plant Physiology	1991

31	Meisuriya M.I	Growth and Development of Two Pigeon pea (<i>Cajanus Cajan</i>) (L.) Millsp Varieties Treated With Captafol Fungicide.	Dr. R. R. Shah	M.Sc. (Agri.)	Plant Physiology & Ecology	1991
32	Patel J.R.	Genetic Architecture for Pod Yield and its Components in Okra (<i>Abelmoschus esculentus</i> (L.) Moench.	Dr. P. S. Vashi	M.Sc. (Agri.)	Plant Breeding & Genetics	1991
33	Dhaduk H.L.	Genetic Parameters in F2 Rice (<i>Oryza sativa</i> L.) Populations.	Dr. R. M. Prajapati	M.Sc. (Agri.)	Plant Breeding & Genetics	1991
34	Patel M. P.	Heterosis and Stability Analysis in Fodder Sorghum (<i>Sorghum bicolor</i> L.) Moench).	Dr. R. H. Patel	M.Sc. (Agri.)	Plant Breeding & Genetics	1991
35	Viramgama A.V.	Correlation Path analysis and Genetic divergence in Pigeon pea (<i>Cajanus cajan</i> (L.) Millsp.	Dr. S. N. Goyal	M.Sc. (Agri.)	Plant Breeding & Genetics	1991
36	Parmar H.D.	Estimation of Genetic Parameters in Forage Sorghum (<i>Sorghum bicolor</i> (L.) Moench.	Dr. N. M. Desai	M.Sc. (Agri.)	Plant Breeding & Genetics	1991
37	Parmar B.R.	Genetic Variability, Correlation and Path coefficient Analysis in Chickpea (<i>Cicer arietinum</i> L.).	Dr. N. M. Desai	M.Sc. (Agri.)	Plant Breeding & Genetics	1991
38	Shekhat H. G.	Diallel Analysis in Pigeon pea (<i>Cajanus cajan</i> (L.) Millsp.	Dr. M. U. Kukadia	M.Sc. (Agri.)	Plant Breeding & Genetics	1991
39	Mangra K. D.	Study of Genetic Variability, Correlation, Path Analysis and Genetic Divergence in Sorghum.(<i>Sorghum bicolor</i> (L.) Moench.).	Dr. R. H. Patel	M.Sc. (Agri.)	Plant Breeding & Genetics	1993
40	Sarvaliya V. M.	Correlation, Path analysis, Selection Indices and Genetic Divergence in Chickpea.(<i>Cicer arietinum</i> L)	Dr. S. N. Goyal	M.Sc. (Agri.)	Plant Breeding & Genetics	1993
41	D. S. Suresh	In vitro selection of Salt Tolerant Cell Lines and	Dr. P. S.	M.Sc.	Plant Breeding &	1993

	Kumar	Regeneration of Plantlets in Rice (<i>Oryza sativa</i> L.).	Vashi	(Agri.)	Genetics	
42	Pandya G. A.	Genetic Variability, Correlation and Path Analysis in Safflower (<i>Carthamus tinctorius</i> L.).	Dr. R.M. Prajapati	M.Sc. (Agri.)	Plant Breeding & Genetics	1993
43	Mistry P. M.	Genetic Variability, Correlation and Path Coefficient Analysis in Indian Mustard (<i>Brassica juncea</i> (L.) Czern and Coss).	Dr. N. M. Desai	M.Sc. (Agri.)	Plant Breeding & Genetics	1993
44	Paija M. G.	Diallel Analysis in Vegetable type pigeon pea (<i>Cajanus cajan</i> (L.) Millsp.).	Dr. M.U Kukadia	M.Sc. (Agri.)	Plant Breeding & Genetics	1994
45	Pandya M. M.	Study on Variability, Heritability and Genetic Advance in Rice (<i>Oryza sativa</i> L.).	Dr. D. N. Thakar	M.Sc. (Agri.)	Plant Breeding & Genetics	1994
46	Reddy B.	Tissue Culture on Tomato (<i>Lycopersicum</i> (L.) varieties.	Dr. M. U. Kukadia	M.Sc. (Agri.)	Plant Breeding & Genetics	1995
47	Patel H.D.	Micropropagation of Rose (<i>Rosa hybrida</i> L) Var. Red Masterpiece.	Dr. R. R. Shah	M.Sc. (Agri.)	Plant Breeding & Genetics	1995
48	Tandel D. K.	Heterosis and Combining Ability Analysis in Pigeon pea (<i>Cajanus cajan</i> (L.) Millsp.).	Dr. D. R. Vashi	M.Sc. (Agri.)	Plant Breeding & Genetics	1995
49	Moradiya S. V.	Tissue Culture Studies in cotton (<i>Gossypium</i> spp).	Dr. V. Kumar	M.Sc. (Agri.)	Plant Physiology & Ecology	1995
50	Tailor S.I.	Variability, correlation, Path coefficient and Genetic divergence in Sorghum (<i>Sorghum bicolor</i> (L.) Moench.	Dr. N. M. Desai	M.Sc. (Agri.)	Plant Breeding & Genetics	1995
51	Hyde M. E.	Genetic Variability, Correlation, Path Coefficient and D2 Analysis in Sorghum (<i>Sorghum bicolor</i> (L.) Moench.).	Dr. R. M. Prajapati	M.Sc. Agriculture	Plant Breeding & Genetics	1996

52	Naik B. M.	Heterosis & Combining Ability in Fodder Sorghum (<i>Sorghum bicolor</i> (L.) Moench).	Dr. R. H. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	1996
53	Pawar R. M.	Genetic Variability, Correlation, Path and D2 Analysis in Indian bean. (<i>Lablab purpureus</i> L.) Sweet.	Dr. R. M. Prajapati	M.Sc. Agriculture	Plant Breeding & Genetics	1996
54	Thosar A.P.	Micropropagation of Tuberose var. Local Double.	Dr. R. R. Shah	M.Sc. Agriculture	Plant Breeding & Genetics	1997
55	Naik U.I.	Micropropagation of Papaya (<i>Carica papaya</i> L.) var. Honey Dew.	Dr. R. R. Shah	M.Sc. Agriculture	Plant Breeding & Genetics	1997
56	Patel C. R.	Variability, Correlation, Path Coefficient and Genetic Divergence in Green Gram (<i>Vigna radiata</i> L.) Wilczek.	Dr. N. M. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	1997
57	Patel J. K.	Genetic Architecture of Yield and its Component Characters in Grain Sorghum (<i>Sorghum bicolor</i> (L.) Moench).	Dr. N. M. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	1998
58	Patel V. R.	Micro-Propagation of <i>Chrysanthemum</i> Birabal Sahani.	Dr. A. N. Sharma	M.Sc. Agriculture	Plant Breeding & Genetics	1998
59	Patel A.I.	Variability, Correlation, Path analysis and Genetic Divergence in Banded Field Rice (<i>Oryza sativa</i> L.).	Dr. D. U. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	1999
60	Chauhan D.A.	Genetic Variability, Correlation, Path and D2 Analysis in Black Gram (<i>Vigna mungo</i> (L.) Hepper.).	Dr. R. M. Prajapati	M.Sc. Agriculture	Plant Breeding & Genetics	1999
61	Patel S. D.	Heterosis, Combining Ability and Gene action in Sorghum (<i>Sorghum bicolor</i> (L.) Moench).	Dr. R .H. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	1999
62	Patel M. B.	Heterosis and Estimation of Genetics Parameters for Resistance to Shoot Fly and	Dr. R. H. Patel	M.Sc. Agriculture	Plant Breeding &	1999

		Stem Borer in Sorghum (Sorghum bicolor (L.) Moench).			Genetics	
63	Pathak V. D.	Studies on Heterosis, Combining Ability and Phenotypic Stability in Asiatic Cotton (Gossypium herbaceum L.).	Dr. U. G. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	1999
64	Gohil R. H.	Genetic Variability, Correlation, Path and D2 Analysis in Pigeon pea (Cajanus cajan (L.) Millsp.	Dr. R. M. Prajapati	M.Sc. Agriculture	Plant Breeding & Genetics	2000
65	Patel R. B.	Genetic Variability, Correlation and Path Coefficient Analysis in Chickpea (Cicer arietinum L.).	Dr. R. T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2000
66	Mane V. V.	Genetic Studies of Yield and Yield components in Pigeon pea (Cajanus cajan (L.) Millsp.).	Dr. D. R. Vashi	M.Sc. Agriculture	Plant Breeding & Genetics	2000
67	Bhatt C. A.	Heterosis and Combining Ability in Cowpea (Vigna unguiculata) (L.) Walp.	Dr. D. U. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2000
68	Patel B. J.	Heterosis and Combining Ability for Grain Yield and its Components in Cowpea. (Vigna unguiculata (L.) Walp).	Dr. R. T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2000
69	Patil D. G.	Heterosis and Estimation of Genetic Parameters for Resistance to Midge in Sorghum (Sorghum bicolor (L.) Moench).	Dr. R. H. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2000
70	Bagade A. B.	Heterosis and Combining Ability in Indian bean (Dolichos lablab L.).	Dr. D. U. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2001
71	Bhopal Singh	Genetic Variability, Correlation and Path Coefficient Analysis in Cowpea Vigna unguiculata (L.) Walp.).	Dr. M. R. Naik	M.Sc. Agriculture	Plant Breeding & Genetics	2001
72	Patel V. P.	Heterosis and Combining Ability in Rice (Oryza sativa L.).	Dr. D. U. Patel	M.Sc. Agriculture	Plant Breeding &	2001

					Genetics	
73	Chatterjee Manas	Genetic Architecture of Yield and Yield Attributing Characters in Pigeonpea	Dr. R. T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2002
74	Patel M. D.	Diallel Analysis in Black Gram (<i>Vigna mungo</i> L. Hepper).	Dr. D. U. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2002
75	Desai. D. B.	Genetic Studies of Yield and Yield Attributing Traits in Sorghum (<i>Sorghum bicolor</i> (L.) Moench.).	Dr. D. R. Vashi	M.Sc. Agriculture	Plant Breeding & Genetics	2002
76	Udutha Jagdish	Heterosis and Combining Ability for Yield and its Components in Chickpea (<i>Cicer arietinum</i> L.).	Dr. R. T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2002
77	Patel V. S.	Line x Tester Analysis in Indian bean (<i>Lablab purpureus</i> (L.) Sweet).	Dr. M.R. Naik	M.Sc. Agriculture	Plant Breeding & Genetics	2002
78	Pandya B. P	Line x Tester Analysis in Cluster bean.	Dr. N. C. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2002
79	Karpe A. A.	Genetic Studies in Cowpea (<i>Vigna unguiculata</i> (L.) Walp.).	Dr. M. R. Naik	M.Sc. Agriculture	Plant Breeding & Genetics	2002
80	Kshirsagar R. M	Genetic Analysis of Yield and its Components in Rice (<i>Oryza sativa</i> L.).	Dr. P. S. Vashi	M.Sc. Agriculture	Plant Breeding & Genetics	2002
81	Patel S. P.	Line x Tester Studies in Some Male Sterile Lines and Pollinator Parents in Forage Sorghum (<i>Sorghum bicolor</i> (L.) Moench).	Dr. J. C. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2003
82	Pandey Amresh Kumar	Genetic Variability, Correlation, Path and D2 Analysis in Green Gram (<i>Vigna radiata</i> (L.) Wilczek).	Dr. R. T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2003

83	Mayani R. L.	Genetic Variability, Correlation, Path and D2 Analysis in Black Gram (<i>Vigna mungo</i> (L.) Hepper).	Dr. N. C. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2003
84	Patel K. C.	Genetic Variability, Correlation, and Path Coefficient Analysis in Sugarcane. (<i>Saccharum</i> Spp.).	Dr. D. U. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2003
85	Sanjaykumar	Heterosis and Combining Ability Studies in Green Gram (<i>Vigna radiata</i> (L.) Wilczek).	Dr. M. R. Naik	M.Sc. Agriculture	Plant Breeding & Genetics	2003
86	Kadam P. S.	Genetic Variability, Correlation and Path Coefficient Analysis in Groundnut (<i>Arachis hypogaea</i> L.).	Dr. D. T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2003
87	Sharma Vishal	Stability Analysis in F ₂ Families of (<i>Sorghum bicolor</i> (L.) Moench.).	Dr. M. S. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2004
88	Desai N. J.	Line x Tester Analysis in Sorghum (<i>Sorghum bicolor</i> (L.) Moench).	Dr. M. R. Naik.	M.Sc. Agriculture	Plant Breeding & Genetics	2004
89	Patel N. N.	Heterosis and Combining Ability in Asiatic Cotton (<i>Gossypium herbaceum</i> (L.).	Dr. D. U. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2004
90	Patel H. N.	Variability, Correlation, Path and D ² Analysis in Sesamum (<i>Sesamum indicum</i> L.).	Dr. R. T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2004
91	Pareek Sunil Shyam	Line x Tester Analysis in Indian Bean.	Dr. D. T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2004
92	Shelke B. L.	Heterosis and Combining Ability in Cowpea (<i>Vigna unguiculata</i> (L.) Walp).	Dr. D. T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2004
93	Maisuria A. T.	Study of Heterosis and Combining Ability in GMS Based Asiatic Cotton.	Dr. J. C. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2004
94	Naik Sunil Suresh	Genetic Evaluation of Conventional and Genetic Male Sterility Based Inter Specific	Dr. J. C Patel	M.Sc. Agriculture	Plant Breeding &	2004

		and Intra Specific Hybrids in diploid cotton.			Genetics	
95	Patel J. D.	Genetic Variability, Correlation and Path Analysis in Moth Bean (<i>Vigna acenitifolia</i> (Jacq) marechal.	Dr. N. C. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2004
96	Lad A. R.	Heterosis, Combining Ability and Gene Action in Desi Cotton (<i>G. herbaceum</i> L.).	Dr. R. T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2005
97	Kirtibardhan	Effects of Osmo- protectents on Growth & Yield of Chickpea Under Unirrigated Condition.	Dr. V. Kumar	M.Sc. Agriculture	Plant Physiology	2005
98	Patel A. R.	Stability Analysis for Seed Cotton Yield and Fibre Quality Traits in GMS Based Upland Cotton (<i>G. hirsutum</i> L.) Hybrids.	Dr. J. C. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2005
99	Chavda M. A.	Variability and Association Analysis in F ₂ Populations of Green Gram (<i>Vigna radiata</i>).	Dr. R. D. Vashi	M.Sc. Agriculture	Plant Breeding & Genetics	2005
100	Patil R. P.	Genetic Analysis for Fodder Yield and its Components in Forage Sorghum (<i>Sorghum bicolor</i> (L.) Moench).	Dr. M. S. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2006
101	Patel D. M.	Study of Heterosis and Combining Ability for Yield and its Components in CMS-R Based Hybrid in Tetraploid Cotton (<i>G. hirsutum</i> L.).	Dr. J. C. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2006
102	Maredia I. A.	Line x Tester Analysis in Indian Bean (<i>Lablab purpureus</i>).	Dr. M. R. Naik	M.Sc. Agriculture	Plant Breeding & Genetics	2006
103	Pandhre A. S.	Character Association and Genetic Divergence in Cowpea (<i>Vigna unguiculata</i> (L.) Walp).	Dr. N. C. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2006
104	Patel D.S.	<i>In vitro</i> Studies in Turmeric (<i>Curcuma longa</i> L.)	Dr. R.T. Desai	M.Sc. Agriculture	Plant Breeding &	2006

					Genetics	
105	Patel S. J.	Heterosis and Combining Ability in Cowpea (<i>Vigna unguiculata</i> (L.) Walp).	Dr. R.T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2007
106	Bhakta R.S.	Genetics of Fruit Yield and its Components in Brinjal (<i>Solanum melongena</i> L.)	Dr. D.U. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2007
107	Patel N. K.	Genetic Studies in Cowpea [<i>Vigna unguiculata</i> (L.) Walp]	Dr. D.T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2007
108	Gaikwad A.R.	Studies on Genetic Variability, Correlation, Path Analysis and Genetic Divergence in Chick pea (<i>Cicer arietinum</i> (L.).	Dr. N. C. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2007
109	Prajapati M. G.	Genetic Studies in Cucumber [<i>Cucumis sativus</i> (L.)]	Dr. D.T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2008
110	Tadas C. H.	Variability, Correlation and Divergence Studies in Rabi Sorghum [<i>Sorghum bicolor</i> (L.) Moench]	Dr. B. D. Jadav	M.Sc. Agriculture	Plant Breeding & Genetics	2008
111	Shevale S.B.	Genetic Variability, Correlation, Path Analysis and Genetic Divergence in Indian Bean [<i>Dolichos lablab</i> (L.)]	Dr. N. C. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2008
112	Shreparvathy P.V.	Genetic Variability, Character Association and D ² Analysis in Rice [<i>Oryza sativa</i> (L.)]	Dr. R. D. Vashi	M.Sc. Agriculture	Plant Breeding & Genetics	2008
113	Vahora A.Y.	Genetic Analysis in Rice (<i>Oryza sativa</i> L.)	Dr. R. D. Vashi	M.Sc. Agriculture	Plant Breeding & Genetics	2008
114	Koladiya P.B.	Genetic Variability, Correlation Coefficient and Path Analysis in Soybean [<i>Glycine max</i> (L.) Merrill]	Dr. M. R. Naik	M.Sc. Agriculture	Plant Breeding & Genetics	2008

115	Patil P. R.	Line X Tester Analysis in Rice (<i>Oryza sativa</i> L.)	Dr. H. D. Mehta	M.Sc. Agriculture	Plant Breeding & Genetics	2008
116	Gaike A. V.	Variability and Correlation Studies on Seed Character and other Growth Parameters in Rabi Sorghum [<i>Sorghum bicolor</i> (L.) Moench]	Dr. B. D. Jadav	M.Sc. Agriculture	Plant Breeding & Genetics	2008
117	Patel S. R.	Heterosis and Combining Ability Studies in Sponge Gourd [<i>Luffa cylindrical</i> (Roem)]	Dr. D.T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2008
118	Desmukh S.S.	Genetic Analysis for Yield and Yield Components in Grain Sorghum [<i>Sorghum bicolor</i> (L.) Moench]	Dr. M. R. Naik	M.Sc. Agriculture	Plant Breeding & Genetics	2008
119	Shinde D. A.	Variability and Correlation Studies in Sweet Sorghum [<i>Sorghum bicolor</i> (L.) Moench]	Dr. B. D. Jadav	M.Sc. Agriculture	Plant Breeding & Genetics	2009
120	Idhol B. D	Study of Genetic Variability, Correlation Coefficient and Path Analysis in Coriander (<i>Coriandrum sativum</i> L.)	Dr. D.T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2009
121	Lodam V. A.	Heterosis and Combining Ability in Ridge Gourd [<i>Luffa acutangula</i> (Roxb) L.]	Dr. D.T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2009
122	Patil S.S.	Study of Genetic Variability, Correlation Coefficient, Path Analysis and Genetic Divergence in Soybean [<i>Glycine max</i> (L.) Merrill]	Dr. M. R. Naik	M.Sc. Agriculture	Plant Breeding & Genetics	2009
123	Jadav A. R.	Variability, Correlation and Path Analysis in (Single Cut) Forage Sorghum [<i>Sorghum bicolor</i> (L.) Moench]	Dr. R.T Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2009
124	Thakere H.S.	Physiological Manipulation of Bt Cotton Morphoframe by Using Ethylene	Dr. V. Kumar	M.Sc. Agriculture	Crop Physiology	2009

125	Varpe P.G.	Genetic Analysis in Rice (<i>Oryza sativa</i> L.)	Dr. R. D. Vashi	M.Sc. Agriculture	Plant Breeding & Genetics	2009
126	Patil P. P.	Diallel Analysis in Rice (<i>Oryza sativa</i> L.)	Dr. R. D. Vashi	M.Sc. Agriculture	Plant Breeding & Genetics	2009
127	Patil Sushil R.	Line X Tester Analysis in Rice (<i>Oryza sativa</i> L.)	Dr. R. D. Vashi	M.Sc. Agriculture	Plant Breeding & Genetics	2009
128	Ghodke U.R.	Genetic Analysis for Quantitative Traits in Indian Bean (<i>Dolichos lablab</i> L.)	Dr. R.T Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2009
129	Patil Atul B.	Diallel Analysis in Indian Bean (<i>Dolichos lablab</i> L.) for Vegetable Purpose	Dr. D. T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2010
130	Chougale Girish Ranasaheb	Genetic Analysis in Rice (<i>Oryza sativa</i> L.)	Dr. H.D. Mehta	M.Sc. Agriculture	Plant Breeding & Genetics	2010
131	Patil Ajeet Balasaheb	Diallel Analysis in Green Gram (<i>Vigna radiata</i> L. wilczek)	Dr. N. C. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2010
132	Patil Mukesh Baburao	Genetics Analysis for Yielded and its Components in Pigeonpea <i>Cajanus cajan</i> (L.) Millsp	Dr. R.T Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2010
133	Patil Sandip A.	Line X Tester Analysis in Cotton (<i>G. hirsutum</i> L.)	Dr. M. R. Naik	M.Sc. Agriculture	Plant Breeding & Genetics	2010
134	Mule Pravin Nanabhau	Heterosis and Combining Ability in Cucumber (<i>Cucumis sativus</i> L.)	Dr. Vikas Khandelwal	M.Sc. Agriculture	Plant Breeding & Genetics	2010
135	Gawali S. T.	Diallel Analysis in Indian Bean (<i>Dolichos lablab</i> (L.) syn. <i>Lablab purpure</i> (L.) sweet)	Dr. Vikas Khandelwal	M.Sc. Agriculture	Plant Breeding & Genetics	2010
136	Palve N. S.	Stability Analysis in Sweet Sorghum [<i>sorghum bicolor</i> (L.)	Dr. B. D. Jadhav	M.Sc. Agriculture	Plant Breeding &	2010

		Moench]			Genetics	
137	Patel Bhavin N.	Genetic study in <i>Gossypium hirsutum</i> L. cotton.	Dr. M. R. Naik	M.Sc. Agriculture	Plant Breeding & Genetics	2011
138	Patil Mahendra Vasant	Heterosis and Combining Ability Analysis in Castor (<i>Ricinus communis</i> L.)	Dr. K. N. Chaudhari	M.Sc. Agriculture	Plant Breeding & Genetics	2011
139	Patil Navneet Vithal	Genetic Analysis in Green Gram (<i>Vigna radiata</i> L.) for yield and its components.	Dr. B. G. Solanki	M.Sc. Agriculture	Plant Breeding & Genetics	2011
140	Solanki Rajpal U.	<i>In vitro</i> studies in Ginger (<i>Zingiber officinale</i> Rose)	Dr. Sunayan R. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2011
141	Salunke Mahesh D.	Genetic Analysis for seed Yield and its Componenets in Castor (<i>Ricinus communis</i> L.)	Dr. Dipak A. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2011
142	Patil Kirankumar Uttamrao	Physiological Analysis of Yield in Cotton under Irrigated and Water Stress Condition	Dr. VijayKumar	M.Sc. Agriculture	Crop Physiology	2011
143	Patil Vivek Ashokrao	Line X Tester Analysis in rice (<i>Oryza sativa</i> L.)	Dr. R. D. Vashi	M.Sc. Agriculture	Plant Breeding & Genetics	2011
144	Kasture Ashish Gajanand	Heterosis and Combining ability Studies in Castor (<i>Ricinus communalis</i> L.)	Dr. D. A. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2011
145	Navin Chander Gahtyari	Genetic Analysis Using Line X Tester in Rice (<i>Oryza Sativa</i> L.)	Dr. P.I. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2012
146	Chiranjeev Prased	Heterosis And Combining Ability in Rice (<i>Oryza Sativa</i> L.)	Dr. P.I. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2012
147	Yashlok Singh	Genetic Analysis in Rice (<i>Oryza Sativa</i> L.)for salt tolerance under coastal salt affected soil	Dr. Pathik B. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2012
148	Haimil K.	Genetic Architecture, Heterosis	Dr. Sunayan	M.Sc.	Plant	2012

	Joshi	and combining Ability for yield and its components in sesamum (<i>Sesamum indicum</i> L.)	R. Patel	Agriculture	Breeding & Genetics	
149	Mihirkumar M. Pandya	Genetic Variability Correlation Co-efficient, Path Analysis and Genetic Divergence in sunflower [<i>Helianthus annus</i> (L.)]	Prof. Parbhubhai B. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2012
150	Ami R. Pathak	Study of Genetic Variability, Correlation and path co efficient Analysis in Fenugreek (<i>Trigonella foenum-graecum</i> L.)	Dr. Akshay I. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2012
151	Ravindra kumar	Genetic variability, Correlation and path coefficient analysis in Chickpea (<i>Cicer arietinum</i> L.)	Dr. J.R. Nizama	M.Sc. Agriculture	Plant Breeding & Genetics	2012
152	Mr. Botve R.R.	Genetic architecture of yield and its component characters in pigeonpea [<i>Cajanus Cajan</i> (L.) Millsp]	Dr. J.R. Nizama	M.Sc. Agriculture	Plant Breeding & Genetics	2012
153	Vaidya Gaurav Babanrao	Genetic architecture of yield & its component characters in Rabi Mung Bean (<i>Vigna vadiata</i> L. wilczek)	Dr. D.A. Chauhan	M.Sc. Agriculture	Plant Breeding & Genetics	2012
154	Kanzaria S.G.	Genetic architecture in Bottle gourd [<i>Lagenaria Siceraria</i> (Mol.) Stand	Dr. D. T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2012
155	Dayanand	Effect of Growth Substances on Growth and yield of Rice (<i>Oryza Sativa</i> L.) Variety NAUR-1 in Summer Season	Dr. S. R. Patel	M.Sc. Agriculture	Crop Physiology	2012
156	Sorthiya Manojkumar Bhikhabhai	Genetic Evaluation of Sunnhemp [<i>Crotalaria juncea</i> (L.)] Accessions for Agro Morphological Traits	Dr. D.A. Chauhan	M.Sc. Agriculture	Plant Breeding & Genetics	2012
157	Chaudhari Kirankumar	Genetic study of inter specific <i>desi</i> hybrids of cotton in respect to yield and fibre quality	Dr. B. G. Solanki	M.Sc. Agriculture	Plant Breeding & Genetics	2012

158	Patel Priyank D.	"Genetic Studies of Yield And Its Components in castor [<i>Ricinus communis</i> (L.)]	Dr. K. N. Chaudhari	M.Sc. Agriculture	Plant Breeding & Genetics	2012
159	Bagul Vaishali B.	"Influence of sowing and Transplanting Dates on Physiological Parameters of Different Summer Rice (<i>Oryza sativa</i> L.) Varieties	Dr. S. R. Patel	M.Sc. Agriculture	Crop Physiology	2012
160	Patel Dineshkumar C	"Genetic Study for can Yield Sugar yield and Their Components in Sugarcane (<i>Saccharum</i> spp. Comp5lex)"	Dr. D. U. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2012
161	Shinde Kean D	Effect of Moisture Regimes on Physiological Traits, Yield and Yield components in Chickpea (<i>Cicer arietinum</i> L.)	Dr. Ajay V. Narwade	M.Sc. Agriculture	Crop Physiology	2012
162	Chaudhary DhavalKumar R.	Genetics Variability, Correlation and Path Analysis in Finger Millet [<i>Eleusine Coracana</i> (L.)]	Dr. P. P. Chaudhary	M.Sc. Agriculture	Plant Breeding & Genetics	2012
163	Choudhary Rakesh	"Genetic Analysis in Inter Specific Desi Hybrids of Cotton In Relation To Yield And Quality Parameters"	Dr. B. G. Solanki	M.Sc. Agriculture	Plant Breeding & Genetics	2012
164	Ghevariya Harshad Kumar V.	"Genetic Variability Correction, Path and D2 analysis in Sesamum (<i>Sesamum indicum</i> L.)	Dr. K. N. Chaudhari	M.Sc. Agriculture	Plant Breeding & Genetics	2012
165	Tapas Paul	"Genetic Architecture and Fruit yield Analysis in Okara (<i>Abelmoschus Esculente</i> (L.) Moench)	Dr. R. T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2013
166	Viradiya Yagnesh Ashokbhai	Genetic Variability, Correlation Coefficient, Path Analysis And D ² Analysis In Sugarcane (<i>Saccharum</i> spp. Complex)	Dr. R. T. Desai	M.Sc. Agriculture	Plant Breeding & Genetics	2013
167	Girraj Prasad Mahawar	"Stability of Male Sterile Lines and Restores of Some Commercial Hybrids in Sorghum	Dr. B. D. Jadhav	M.Sc. Agriculture	Plant Breeding & Genetics	2013

		(<i>Sorghum bicolor</i> (L.) Moench) over Different growing periods in South Gujarat				
168	Jadhav Sunil Mohan	"Genetic Analysis In Blackgram (<i>Vigna mungo</i> (L.) Hepper) for Yield and Its Components"	Dr. B. G. Solanki	M.Sc. Agriculture	Plant Breeding & Genetics	2013
169	Patel Bhaumik J.	"Genetic Analysis of Yield and Yield Attributing Characters in Okra (<i>Abelmoschus Esculentus</i> (L.) Moench)"	Dr. A. I. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2013
170	Ashok Jaiswal	"Genetic Architecture for yield, its components and salt tolerance in Rice (<i>Oryza sativa</i> L.)	Dr. P. B. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2013
171	Kheni NitinKumar V.	"Genetic Variability, Correlation on Coefficient, Path analysis and D ² Analysis in Sugarcane (<i>Saccharum SPP. Complect</i>)"	Dr. S. C. Mali	M.Sc. Agriculture	Plant Breeding & Genetics	2013
172	Movaliya DarshanKumar J	"Heterosis, Combining Ability and gene action studies in diploid cotton (<i>G. Herbaceum</i> L. and <i>G. Arboreum</i> L.)	Prof. V. I. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2013
173	Bhagora Bhavesh N.	"Genetic Architecture of Yield And Its Component Characteries in Green Gram (<i>Vigna radiata</i> L. Wilczek)"	Dr. J. R. Nizama	M.Sc. Agriculture	Plant Breeding & Genetics	2013
174	Ashok Kumar Mukati	"Genetic Architecture of Yield And Its Component Characters in Cowpea [<i>Vigna Unguiculata</i> (L.) Walp.]"	Dr. S. R. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2013
175	Nakum Jitesh Sureshbhai	Line x Tester Analysis in American Cotton (<i>Gossypium hirsutum</i> L.)	Dr. K. V. Vadodariya	M.Sc. Agriculture	Plant Breeding & Genetics	2013
176	Raulji Bharatsinh J.	Genetic Variability, Correlation, Path Analysis And Genetic Divergenece in Soyabean [<i>Glycine max</i> (L.) Merrill]"	Prof. P. B. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2013

177	Trivedi PratikKumar B.	Genetic Architecture of Yield And Its Component Characters in Black Gram During RABI (Vignamungo L. Hepper)	Dr. D. A. Chauhan	M.Sc. Agriculture	Plant Breeding & Genetics	2013
178	Prajapati MehulKumar B.	Line X Tester Analysis in Rice (Oryza sativa L.)	Dr. P. M. Mistry	M.Sc. Agriculture	Plant Breeding & Genetics	2013
179	Patel Unnati P.	"Heterosis And Combining Ability in Mung Bean [<i>Vigna radiata</i> L. Wilczek]"	Prof. P.B. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2014
180	Jagdish C. Joshi	"Genetic Analysis of Inter specific hybrids of desi cotton in relation to yield and fiber quality"	Dr. B. G. Solanki	M.Sc. Agriculture	Plant Breeding & Genetics	2014
181	Patel Dhruvil P.	Heterosis And Combining Ability for Yield And Its Components In Rice (<i>Oryza sativa</i> L.)	Dr. H. D. Mehta	M.Sc. Agriculture	Plant Breeding & Genetics	2014
182	Patel Vikash J.	"Heterosis And Combining Ability In Rice(<i>Oryza sztiva</i> L.)"	Dr. P. M. Mistry	M.Sc. Agriculture	Plant Breeding & Genetics	2014
183	Desai Naresh M.	"Genetic Variability In Sugarcane (<i>Saccharum</i> Supp. Hybrid)"	Dr. D. U. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2014
184	Josna Jose	Heterosis and Combining Ability Studies for Fruit Yield and It's Attributing Traits In Tomato (<i>Solanum Lycopersicum</i> L.)	Dr. A. I. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2014
185	Katariya Hitesh Madhubhai	"Genetic Analysis of Yield and Its Components in Cowpea [<i>vigna</i> <i>ungiculata</i> (L.) Walp.]"	Dr. V. L. Parmar	M.Sc. Agriculture	Plant Breeding & Genetics	2014
186	Mayur H. Chaudhari	"Genetic Analysis in Rice (<i>Oryza</i> <i>sativa</i> L.)"	Dr. P. M. Mistry	M.Sc. Agriculture	Plant Breeding & Genetics	2014
187	Sandeep Kumar Deedawat	"Heterosis and Combining Ability for Yield and its Component Traits in Safflower (<i>Carthamus</i> <i>tinctorious</i> L.)"	Dr. S. R. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2014

188	Ahir Shamji D.	"Genetic Analysis of Yield and Its Component Traits for Dual Type Indian Bean [<i>Lablab Purpureus</i> (L.) Sweet]"	Dr. D. A. Chauhan	M.Sc. Agriculture	Plant Breeding & Genetics	2014
189	Dave Vivek D.	"Genetic diversity analysis in Indian been [<i>Lablab Purpureus</i> (L.) Sweet]"	Dr. K. G. Modha	M.Sc. Agriculture	Plant Breeding & Genetics	2014
190	Vasadiya Bhumirajsinh S.	"Line x Tester analysis for grain yield and its components in sorghum (<i>Sorghum bicolor</i> (L.) Moench)"	Dr. M. K. Gangani	M.Sc. Agriculture	Plant Breeding & Genetics	2014
191	Chaudhari Vrunda	Diallel Analysis For Fruit Yield and Its Components In Tomato (<i>Lycopersicon esculentum</i> L.)"	Dr. K. N. Chaudhari	M.Sc. Agriculture	Plant Breeding & Genetics	2014
192	Ravindra kumar V. Patel	Character Association, Path Anallysis and Genetic Divergence in Blackgram [<i>Vigna mungo</i> (L.) Hepper] During Summer Season	Dr. B. D. Jadhav	M.Sc. Agriculture	Plant Breeding & Genetics	2014
193	Patel Ashish Kumar R.	Genetic Analysis of Quantitative Traits in Aerobic Rice (<i>Oryza sativa</i> L.)	Dr. V.P. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2014
194	Pateliya Priyank A.	Diallel Analysis in Rice (<i>Oryza sativa</i> L.) Under Coastal Salt affected Soil	Dr. P. B. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2014
195	Dhirendra Kumar	Genetic Architecture for Yield And Its Components In Brinjal (<i>Solanum Melongena</i> L.)	Dr. R. K. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2015
196	Rupal Dhoot	VariabilityAnalysis In F ₂ Populations of Mungbean (<i>Vigna radiata</i> (L.) R. Wilczek) For Yield And Related Traits	Dr. K. G. Modha	M.Sc. Agriculture	Plant Breeding & Genetics	2015
197	Patel Minal B.	Genetic Architecture For Morpho Physiological Traits In Brinjal (<i>Solanum melongena</i> L.)	Dr. R. K. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2015
198	M. Abhinaya	Genetic Diversity Analysis For DRY Fruit Yield, Its Attributes And Quality Traits In Chilli	Dr. K. G. Modha	M.Sc. Agriculture	Plant Breeding &	2015

		(<i>Capsicum annuum</i> L.)			Genetics	
199	Damor Parthvee	"Effect of water stress on physiological, biochemical, yield and yield attributing components in pigeonpea (<i>Cajanus cajan</i> L. Millsp.) under <i>rabi</i> season"	Dr. Ajay V. Narwade	M.Sc. Agriculture	Crop Physiology	2015
200	Makwana Rakeshkumar R.	"Genetic Analysis of Morpho-Physiological Traits In Rice (<i>Oryza sativa</i> L.)	Dr. V. P. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2015
201	Chandrabhan Ahirwar	Genetic Analysis of Yield and Its Contributing Traits In Cowpea [<i>Vigna unguiculata</i> (L.) Walp.]	Dr. J. R. Nizama	M.Sc. Agriculture	Plant Breeding & Genetics	2015
202	Chaudhari BharatBhai A.	Genetic Architecture of Rice Under Aerobic Condition	Dr. S. R. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2015
203	Chaudhari Vipkmar B.	Heterosis and Combining Ability Studies for Fruit Yield and Its Attributing Traits In Tomato (<i>Solanum Lycopersicum</i> L.)	Dr. S. C. Mali	M.Sc. Agriculture	Plant Breeding & Genetics	2015
204	Limhani Pardipkumar L.	Genetic Variability, Character Association and D ² Analysis in Upland Rice [<i>Oryza sativa</i> (L.)]	Dr. M. K. Gangani	M.Sc. Agriculture	Plant Breeding & Genetics	2015
205	Santosh Kumar Tiwary	"Genetic Architecture of Yield and Its Attributes in Indian Bean [<i>Lablab purpureus</i> (L.) Sweet]"	Dr. K. G. Modha	M.Sc. Agriculture	Plant Breeding & Genetics	2015
206	Amardeepsinh. H. Vasadia	" Assessment Of Genetic Diversity In Little Millet [<i>Panicum miliare</i> (L.)]"	Dr. C. G. Intwala	M.Sc. Agriculture	Plant Breeding & Genetics	2015
207	Patel Vipul K.	"Sex Expression Analysis In Segregating Generation of Castor (<i>Ricinus Communis</i> L.) Under Late Kharif Condition"	Dr. B. D. Jadhav	M.Sc. Agriculture	Plant Breeding & Genetics	2015
208	Rathva Priyankkumar A.	Heterosis and Combining Ability In American Cotton (<i>G.hirsutum</i> L.)	Dr. K. V. Vadodariya	M.Sc. Agriculture	Plant Breeding & Genetics	2016
209	Aalok Shiv	"Genetic Variability Analysis for Yield, Its Atributes and Mosaic	Dr. K. G. Modha	M.Sc. Agriculture	Plant Breeding &	2016

		Resistance in F ₃ Progenies of Mungbean (<i>Vigna radiata</i> (L.) R. Wilczek)"			Genetics	
210	Ronakkumar L. Patel	"Genetic Architecture of Seed Yield and Its Atributes in Indian Bean (<i>Lablab purpureus</i> (L.) Sweet")	Dr. K G. Modha	M.Sc. Agriculture	Plant Breeding & Genetics	2016
211	Ravi A. Patel	"Genetic Analysis of Quantitative Traits in Okara [<i>Abelmoschus esculentus</i> (L.) Moench]	Dr. R. K. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2016
212	Patel Chintankumar S.	"Variation and Association Studies for Seed Yield Related Traits in Niger [<i>Guizotia abyssinica</i> (L.F.) Cass.] Germplasm"	Dr. P. K. Jagtap	M.Sc. Agriculture	Plant Breeding & Genetics	2016
213	Zinzala Vivekbhai Nathabhai	Effect of water regimes on physiological, biochemical, yield and yield components of Inian bean (<i>Lablab purpureus</i> L.)"	Dr. Ajay V. Narwade	M.Sc. Agriculture	Crop Physiology	2016
214	Kudanch Akshay Nilkantha	Effect of waterlogging on physiological, biochemical, yield and yield attributing parameter of sugarcane (<i>Saccharum spp.</i>)"	Dr. Ajay V. Narwade	M.Sc. Agriculture	Crop Physiology	2016
215	Rathva KalpanaBen V.	"Diallel Analysis in Aerobic Rice (<i>Oryza sativa</i> L.)"	Dr. P. B. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2016
216	Patel Pooja K.	"Genetic Analysis of CMS Based Pigenpea [<i>Cajanus cajan</i> (L.) Millsp.] Millsp.] Hybrid"	Dr. D. A. Chauhan	M.Sc. Agriculture	Plant Breeding & Genetics	2016
217	Parmar Reena D.	"In Vitro Response of Promosing Sugarcane Varietis For Salinity Tolerance Through Callus Culture"	Dr. S. C. Mali	M.Sc. Agriculture	Plant Breeding & Genetics	2016
218	Chaudhari Dixit R.	Genetics In Castor (<i>Ricinus communis</i> L.)	Dr. V. L. Parmar	M.Sc. Agriculture	Plant Breeding & Genetics	2016
219	Jadav Sagar K.	"Indentification of Early Stage Sale Stress Responses In Tomato Seedling Under Iso - Osmotic Stress"	Kirti Bardhan	M.Sc. Agriculture	Crop Physiology	2016
220	Dube Dushyant Kumar	"Line x Tester analysis in castor (<i>Ricinus communis</i> L.)"	Dr. R. S. Bhakta	M.Sc. Agriculture	Plant Breeding & Genetics	2016

221	Balat Jigneshkumar Ravjibhai	'Variability Analysis In F2 Population of Rice (<i>Oryza sativa</i> L.) For Yield And Related Traits''	Dr. V. P. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2016
222	Ghevariya Chiragkumar Bharatbhai	'Genetic analysis of CMS- R. based hybrids in Cotton (<i>Gossypium hirsutum</i> L.)''	Dr. G. O. Faldu	M.Sc. (Hons.)	Plant Breeding & Genetics	2016
223	Thakor Ranjiti P.	"Diallel Analysis in Rice (<i>Oryza sativa</i> L.)	Dr. P. M. Mistry	M.Sc. Agriculture	Plant Breeding & Genetics	2016
224	Visat Mahesh kumar Laxmanbhai	"Genetic Architecture For Yield And Its Components In Sesame (<i>Sesamum indicum</i> L.)	Dr. M. C. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2016
225	Arpankumar Jagadishbhai Nayak	"Heterosis and Combining Ability Studies for Yield and Its Components Traits in Sesame (<i>Sesamum indicum</i> L.)"	Dr. S. R. Patel	M.Sc. Agriculture	Plant Breeding & Genetics	2016
226	Devaliya Sarjansinh Devisinh	Genetic Variability Studies In Finger Millet [<i>Eleusine coracana</i> (L.) Gaertn]	Dr. Mnju Singh	M.Sc. Agriculture	Plant Breeding & Genetics	2016
227	Bhagora Ranjitkumar Narayanbhai	Genetic Analysis of CMS Based Hybrids And Their Parents In Grain Sorghum [<i>Sorghum bicolor</i> (L.) Moench]	Dr. B. K. Davda	M.Sc. Agriculture	Plant Breeding & Genetics	2016
228	Baldaniya ajagdishbhai Dulabhai	Genetic Variability, Correlation, Path And D2 Analysis In Pigeonpea	Dr. B. H. Kale	M.Sc. (Agri.)	Plant Breeding & Genetics	2016
229	Prajapati Vitthalbhai Versibhi	"Studies on Heterosis and Combining Ability for yield and yield Components in Drilled Paddy (<i>Oryza sativa</i> L.)	Dr. C. G. Intwala	M.Sc. (Agri.)	Plant Breeding & Genetics	2016
230	Patel Anjal Maheshbahi	Genetic Analysis of Yield and its yield attributing traits in Aerobic Rice (<i>Oryza sativa</i> L.)	Dr. C. G. Intwala	M.Sc. (Agri.)	Plant Breeding & Genetics	2016
231	Ramavath Ramesh Naik	Genetic Analysis of CMS Based Hybrids And Their Parents In Fodder Sorghum [<i>Sorghum bicolor</i> (L.) Moench]	Dr. B. K. Davda	M.Sc. (Agri.)	Plant Breeding & Genetics	2016

List of thesis record of Ph D students

Sr. No.	Name of the student	Title of thesis	Name of Guide	Faculty	Subject	Submission year
1	2	3	4	5	6	7
1	Mehta M. D.	Physiological Basis of Heterosis in Sorghum (<i>Sorghum bicolor</i> L.) Moench.	Dr. K. G. Mehta	Ph.D.	Plant Physiology	1987
2	Poshiya V.K	Diallel Analysis over Environments in Okra (<i>Abelmoschus esculentus</i> L.) Moench).	Dr. P. S. Vashi	Ph.D.	Plant Breeding & Genetics	1992
3	Chaudhari F.P.	Genetic Architecture of Yield and its Components in Cowpea. (<i>Vigna unguiculata</i> (L.) Walp).	DR. D.N. Thakar	Ph.D.	Plant Breeding & Genetics	1993
4	Patel K.K.	Genetic Analysis for Yield and its Components in Castor (<i>Ricinus communis</i> L.).	Dr. P. S. Vashi	Ph.D.	Plant Breeding & Genetics	1994
5	Patel M. P.	Gene action in Fodder Sorghum (<i>Sorghum bicolor</i> (L.) Moench).	Dr. P. S. Vashi	Ph.D.	Plant Breeding & Genetics	1994
6	Pithia M. S.	Induction of Variability Using Tissue Culture Techniques in Indian Mustard (<i>Brassica juncea</i> L.) (Zern and coss.) var. VARUNA.	Dr. D. N. Thakar	Ph.D.	Plant Breeding & Genetics	1995
7	Chhimpi B.G.	Genetic Divergence, character Association and Path Analysis in Upland Rice (<i>Oryza sativa</i> L.).	Dr. P. S. Vashi	Ph.D.	Plant Breeding & Genetics	1995
8	Pandya G. A.	Six Generation Means Analysis in Sorghum (<i>Sorghum bicolor</i> (L.) Moench).	Dr. R.M. Prajapati	Ph.D.	Plant Breeding & Genetics	1996
9	Desai R.T.	Heterosis, Combining Ability and Phenotypic Stability in Sesamum (<i>Sesamum indicum</i> L.).	Dr. N. M. Desai	Ph.D.	Plant Breeding & Genetics	1996

10	Patel S.R.	Effect of Growth Regulator (NAA) and Different Mulches on Physiology of Okra (<i>Abelmoschus esculentus</i> (L.) Moench) var. GOH-1.	Dr. R.R. Shah	Ph.D.	Plant Physiology	1996
11	Vashi R. D.	Heterosis, Combining ability and Stability Analysis in Indian bean (<i>Dolichos lablab</i> L.).	Dr. R. M. Prajapati	Ph.D.	Plant Breeding & Genetics	1997
12	Deore A. C.	Tissue Culture studies in strawberry.	Dr. R.R. Shah	Ph.D.	Plant Physiology	1997
13	Patel I.B.	Genetics Analysis and Phenotypic Stability in Grain Sorghum (<i>Sorghum bicolor</i> (L.) Moench).	Dr. R. H. Patel	Ph.D.	Plant Breeding & Genetics	1999
14	Nizama J. R.	Genetic Studies of Yield and Yield Components Using Male Sterile Lines in Pigeon pea (<i>Cajanus cajan</i>) (L.) Millsp.	Dr. D. R. Vashi	Ph.D.	Plant Breeding & Genetics	1999
15	Lad N. B.	Generation Means Analysis of Yield and Yield Components in Sorghum (<i>Sorghum bicolor</i> (L.) Moench).	Dr. R.M. Prajapati	Ph.D.	Plant Breeding & Genetics	1999
16	Prajapati B. S.	Genetic Architecture of Yield and its Components in Cowpea (<i>Vigna unguiculata</i> L.) Walp.	Dr. R. M Prajapati.	Ph.D.	Plant Breeding & Genetics	2000
17	Patel A. A.	Line x Tester Analysis over Environments in Castor (<i>Ricinus communis</i> L.).	Dr. R. M. Prajapati	Ph.D.	Plant Breeding & Genetics	2000
18	Patel P. I.	Generation Mean analysis of Yield and Yield Components in Indian bean (<i>Dolichos lablab</i> L.).	Dr. R. M. Prajapati	Ph.D.	Plant Breeding & Genetics	2001
19	Bhaduria Hitendra Singh	Physiological Analysis of Okra (<i>Abelmoschus esculentus</i>) (L.) Moench) to Saline Irrigation and Mulching.	Dr. V. Kumar	Ph.D.	Plant Physiology	2002
20	D. Shashibhusha	Genetic Architecture of Yield and its Components of	Dr. U. G.	Ph.D.	Plant Breeding &	2003

	n	Conventional GMS and CMS Based Hybrids in American Cotton.(<i>Gossypium hirsutum</i> L.)	Patel		Genetics	
21	Dalvi Vijay V.	Genetic Studies of Yield and its Components Using Male Sterile Lines in Rice.	Dr. D. U. Patel	Ph.D.	Plant Breeding & Genetics	2004
22	Solanki B. G.	Genetic Analysis of Yield and its Components in Sorghum (<i>Sorghum bicolor</i>).	Dr. P. S. Vashi	Ph.D.	Plant Breeding & Genetics	2005
23	Chauhan D. A.	Genetic Analysis of Yield and its Components over Locations in Rice (<i>Oryza sativa</i> L.).	Dr. P. S. Vashi	Ph.D.	Plant Breeding & Genetics	2005
24	Parmar V. L.	Genetics of Yield and its Attributes in Mung Bean (<i>Vigna radiata</i>).	Dr. P. S. Vashi	Ph.D.	Plant Breeding & Genetics	2005
25	Intwala C. G.	Genetic Analysis of Yield and its Components over Environments in Green Gram (<i>Vigna radiata</i>).	Dr. P. S. Vashi	Ph.D.	Plant Breeding & Genetics	2005
26	Ba gade A. B.	Genetic Evaluation of CMS Based and Conventional Hybrids in Cotton. (<i>Gossypium hirsutum</i> L.).	Dr. P. S. Vashi	Ph.D.	Plant Breeding & Genetics	2005
27	Patel A. D.	Studies on Heterosis, Combining Ability, and Stability of Performance in Upland Cotton (<i>G. hirsutum</i> L.).	Dr. U.G. Patel	Ph.D.	Plant Breeding & Genetics	2006
28	Mali S.C.	Variability, Correlation, Path Analysis, Genetic Divergence and Stability Analysis in Sugarcane (<i>Saccharum</i> Spp.).	Dr. D.U. Patel	Ph.D.	Plant Breeding & Genetics	2006
29	Mistry P.M.	Generation Mean Analysis in Okra (<i>Abelmoschus esculentus</i> (L.) Moench.	Dr. P. S. Vashi	Ph.D.	Plant Breeding & Genetics	2007
30	Madhukar K.	Heterosis, Combining Ability and Stability Studies in Grain Sorghum [<i>Sorghum bicolor</i> (L.) Moench]	Dr. D. U. Patel	Ph.D.	Plant Breeding & Genetics	2007

31	Patel A. I.	Study of Heterosis, Combining Ability and Stability in Intra and Interspecific Crosses of Asiatic Cottons	Dr. U. G. Patel	Ph.D.	Plant Breeding & Genetics	2007
32	Gohil V. N.	Triallele Analysis for Yield and its Ancillary Characters in Okra [<i>Abelmoschus esculentus</i> (L.) Moench]	Dr. P. S. Vashi	Ph.D.	Plant Breeding & Genetics	2007
33	Kadam P.S.	Genetic Analysis of Yield and Yield Components in Rabi Sorghum [<i>Sorghum bicolor</i> (L.) Moench]	Dr. P. S. Vashi	Ph.D.	Plant Breeding & Genetics	2007
34	Patel S.R.	Induction of Variability through Callus Culture in Sugarcane (<i>Saccharum officinarum</i> L.) Var. Co N 95132	Dr. P. S. Vashi	Ph.D.	Plant Breeding & Genetics	2007
35	Patel M. C.	Study of Performance of <i>Gossypium herknessii</i> and <i>Gossypium aridum</i> CMS Based and Conventional Intra-Hirsutum Hybrids over Environments	Dr. U. G. Patel	Ph.D.	Plant Breeding & Genetics	2008
36	Sharma Vishal	Genetic Analysis of Yield and Yield Components in Rice (<i>Oryza Sativa</i> L.) under Salinity Conditions	Dr. R.T Desai	Ph.D.	Plant Breeding & Genetics	2008
37	Udutha J. V.	Genetic Studies of Yield and its Components Using Male Sterile Lines in Sorghum [<i>Sorghum bicolor</i> (L.) Moench]	Dr. D. U. Patel	Ph.D.	Plant Breeding & Genetics	2008
38	Kalaria K.A.	Molecular Characterization and Physiobiochemical Responses to Salts and ABA in Rice (<i>Oryza sativa</i> L.)	Dr. R. R. Shah	Ph.D.	Plant Physiology	2008
39	Vaghela K.O.	Genetic Analysis for Quantitative Traits in Pigeon Pea [<i>Cajanus cajan</i> (L.) Millsp]	Dr. R.T Desai	Ph.D.	Plant Breeding & Genetics	2008
40	Patel J. D.	Genetic Analysis for Yield and Yield Components in Green Gram [<i>Vigna radiata</i> (L.) Wilczek]	Dr. M. R. Naik	Ph.D.	Plant Breeding & Genetics	2008

41	Chaudhari S.B.	Genetic Analysis of Yield and Yield Components over Environments in Cowpea [<i>Vigna unguiculata</i> (L.) Walp]	Dr. M. R. Naik	Ph.D.	Plant Breeding & Genetics	2008
42	Kodappully V. C.	Genetic Analysis of Yield and Yield Contributing Traits in Grain Sorghum [<i>Sorghum bicolor</i> (L.) Moench] over Different Environments	Dr. B. D. Jadav	Ph.D.	Plant Breeding & Genetics	2009
43	Waghmode Bharat Datta	Fertility Restoration Studies and Genetic Analysis for Yield and its Component Traits Using Different Male Sterile Cytoplasmic Sources in Rice (<i>Oryza sativa</i> L.)	Dr. H. D. Mehta	Ph.D.	Plant Breeding & Genetics	2010
44	Mungra K.D.	Genetics Analysis for Fodder Yield and Quality Parameters in Single Cut Forage Sorghum [<i>Sorghum bicolor</i> (L.) Moench]	Dr. B. D. Jadhav	Ph.D.	Plant Breeding & Genetics	2010
45	Ronak S. Bhakta	Genetic Evaluation in Sugar cane (<i>Saccharum</i> spp. complex)	Dr. D. U. Patel	Ph.D.	Plant Breeding & Genetics	2010
46	Makati Jitendrakumar P.	Diallel Analysis over Environments in Tomato (<i>Lycopersicon esculentum</i> Mill.)	Dr. R.T. Desai	Ph.D.	Plant Breeding & Genetics	2011
47	Belhekar Pramod S.	Genetic Analysis in Aromatic Rice (<i>Oryza Sativa</i> L.) with Use of Cytoplasmic Genetics Male sterile Lines.	Dr. H.D. Mehta	Ph.D.	Plant Breeding & Genetics	2012
48	Kale Bhushan Himmatrao	Genetic and stability Analysis for yield and yield contributing traits over different season in sorghum [<i>Sorghum bicolor</i> (L.) Moench]	Dr. R. T. Desai	Ph.D.	Plant Breeding & Genetics	2012
49	Faldu Girishkumar O.	"Genetic Analysis of Qualitative and Qualitative Characters in American Cotton (<i>G. hirsutum</i> L.)	Dr. B. D. Jadhav	Ph.D.	Plant Breeding & Genetics	2011
50	Patel Bhaveshkumar	Diallel Analysis in cowpea [<i>Vigna unguiculata</i> (L.) Walp]	Dr. R. T. Desai	Ph.D.	Plant Breeding &	2012

	r N.				Genetics	
51	Patil Sandip Arun	"Generation Mean Analysis in Sesame (<i>Sesamum indicum</i> L.)"	Dr. R. T. Desai	Ph.D.	Plant Breeding & Genetics	2013
52	Patil Atul Barikrao	"Genetic Analysis for Yield And Its Components Over Different Environmental Condition in Rice (<i>Oryza Sativa</i> L.)"	Dr. R. T. Desai	Ph.D.	Plant Breeding & Genetics	2013
53	Patil Sunil S.	"Genetics Analysis for yield and contributing traits in Okra [<i>Ablemoschus esculentus</i> (L.) Moench] over Environments"	Dr. D. T. Desai	Ph.D.	Plant Breeding & Genetics	2013
54	Chougule Girish R.	"Genetical study for yield and Its Components and fertility Restoration Using Malesterile /lines in Rice (<i>Oryza Sativa</i> L.)"	Dr. H. D. Mehta	Ph.D.	Plant Breeding & Genetics	2013
55	Lodam Vaibhav A.	"Genetic Analysis for Morphological And Fibre Quality Traits in American Cotton"	Dr. M. R. Naik	Ph.D.	Plant Breeding & Genetics	2013
56	Shinde Dheeraj A.	"Genetic Analysis for Morphological And Fibre Quality Traits in American Cotton"	Dr. P. B. Patel	Ph.D.	Plant Breeding & Genetics	2013
57	Dipakkumar H. Patel	Genetic Architecture and Stability Analysis in Tetraploid Cotton (<i>G.hirsutum</i> L. And <i>G.barbadense</i> L.)	Dr. D. U. Patel	Ph.D.	Plant Breeding & Genetics	2013
58	Thakare Harish S.	Physiological Basis of Heterosis in Inter And Intra Specific Cotton Hybrids (<i>Gossypium spp.</i>)	Dr. V. Kumar	Ph.D.	Crop Physiology	2013
59	Patil Prashant Promod	"Genetic Variability and Stabaility Analysis for Cane Yield and Qyality Parameters in Sugarcane (<i>Saccharum</i> spp. Complex)"	Dr. D. U. Patel	Ph.D.	Plant Breeding & Genetics	2013
60	Anarase Sakhechand	"Genetic And Stability Analysis for yield and Contributing Traits over Environments in Rabi	Dr. R. T. Desai	Ph.D.	Plant Breeding &	2014

	Arjun	Sorghum [<i>Sorghum bicolor</i> (L.) Moench]"			Genetics	
61	Taslim Ahmad	Tissue Culture Studies in Pointed Gourd (<i>Trichosanthes dioica</i> Roxb.)	Dr. V. Kumar	Ph.D.	Plan Physiology & Ecology	2012
62	Chaudhari Girish B.	"Genetic Studies In Sesamum (<i>Sesamum indicum</i> L.)"	Dr. M. R. Naik	Ph.D.	Plant Breeding & Genetics	2014
63	Gadakh Suraj S.	"In Vitro Selection of Sugarcane (<i>Saccharum</i> Spp. Complex) Mutants For Salt And Drought Tolerance And Their Molecular Characterization"	Dr. D. U. Patel	Ph.D.	Plant Breeding & Genetics	2014
64	Dinesh P. Nawalkar	Influence of Modification of Morphoframe on Physiology And Yield in Cotton	Dr. V. Kumar	Ph.D.	Crop Physiology	2014
65	Patil Ajeet Balasaheb	"Genetic Analysis for Yield and Yield Components involving CMS sources and Fertility Restoration over Environments in Rice (<i>Oryza sativa</i> L.)"	Dr. H. D. Mehta	Ph.D.	Plant Breeding & Genetics	2014
66	Chandrakant Sing	Physio-biochemical traits of cotton (<i>G. hirsutum</i> L.) in diallel cross for water stress tolerance and its molecular characterization	Dr. V. Kumar	Ph.D.	Crop Physiology	2014
67	Yogesh G. Ban	Effect of Environment of Crop Phenology, Growth yield and Fiber Development in Cotton (<i>Gossypium hirsutum</i>) Genotypes Grown Under Two Planting Dates"	Dr. V. Kumar	Ph.D.	Crop Physiology	2014
68	Kasture Ashish Gajanan	Generation Mean Analysis in Ricd [<i>Oryza Sativa</i> (L.)]	Dr. V. P. Patel	Ph.D.	Plant Breeding & Genetics	2015
69	Vanve Pravin B.	"Genetic Analysis in Rice (<i>Oryza sativa</i> L.)" Under Coastal Salt Affected Soils"	Dr. B. D. Jadhav	Ph.D.	Plant Breeding & Genetics	May – 2015

70	Patel Ritaben R.	"Genetic Analysis in Rice (<i>Oryza sativa</i> L.)"	Dr. P. B. Patel	Ph.D.	Plant Breeding & Genetics	2015
71	Haimil K. Joshi	Genetic Architecture of Daul Purpose Pigeonpea [<i>Cajanuscajan</i> (L.) Millsp.]	Dr. D. A. Chauhan	Ph.D.	Plant Breeding & Genetics	2015
72	Ami R. Pathak	Generation Mean Analysis for Yield and Yield Components in Cowpea [<i>Vigna unguiculata</i> (L.) Walp.]	Dr. M. R. Naik	Ph.D.	Plant Breeding & Genetics	2015
73	Dapke Jitendra Subhash	"Geneic Analysis of Yield and yield contributing traits in Castor (<i>Ricinus Communis</i> (L.) Over environments"	Dr. M. R. Naik	Ph.D.	Plant Breeding & Genetics	2016
74	Vaidya Gaurav Baban	"Geneic Analysis of Physiological Parameters, Yield Contributing Characters in Pigeonpea (<i>Cajanus cajan</i> (L.) Millsp.)"	Dr. B. D. Jadhav	Ph.D.	Plant Breeding & Genetics	2016
75	Viradiya Yagnesh Ashokbhai	"Genetic Analysis For Yield and Its Components Over Environments in Binjal [<i>Solanum melongena</i> L.)	Dr. K. N. Chaudhari	Ph.D.	Plant Breeding & Genetics	2016
76	Chaudhari Dhavalkumar R.	"Genetic Analysis of Yield and it,s Components in Grain Sorghum (<i>Sorghum bicolor</i> L. Moench) in Respect of Grain Mold Tolerance"	Dr. B. G. Solanki	Ph.D.	Plant Breeding & Genetics	2016
77	Abhishek Pratap Singh	Genetic Analysis For Yield and Yield Contributing Characters In Brinjal (<i>Solanum melongena</i> L.)Over Environments	Dr. M. R. Naik	Ph.D.	Plant Breeding & Genetics	2016
78	Indivar Prasad	Genetic studies in Desi Cotton (<i>Gossypium herbaceum</i> L.) for salinity tolerance	Dr. M. R. Naik	Ph.D.	Plant Breeding & Genetics	2016
79	Pandya Mihirkumar Maheshbhai	"Morphologicl and Molecular Analysis for Genetic Variation In Sugarcane (<i>Saccharum Spp.</i> Hybrid)"	Dr. P. B. Patel	Ph.D.	Plant Breeding & Genetics	2016
80	Pawar Mandar Balwant	Generation mean analysis for Yield and Yield Components in Okara (<i>Abelmoschus esculentus</i> L.)	Dr. S. R. Patel	Ph.D.	Plant Breeding & Genetics	2016
81	Baraskar Vikas	'Genetic analysis in Brinjal	Dr. B. D.	Ph.D.	Plant	May – 2016

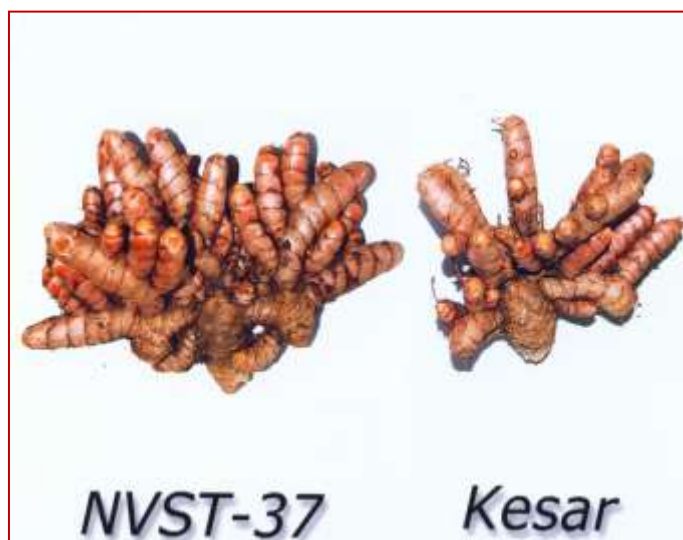
	Vasandrao	(<i>Solanum melongena</i> L.)	Jadhav		Breeding & Genetics	
--	-----------	--------------------------------	--------	--	------------------------	--

Plant Tissue Culture Laboratory



Banana Tissue culture plants var.G9





Dr. C. J. Dangaria, Hon. Vice Chancellor visited Plant Tissue Culture and Plant Physiology lab.



Seminar organised

One day ISPP West Zonal seminar on “*Enhancement of crop productivity through physiological interventions*” on May 11, 2015 in collaboration with Indian Society for Plant Physiology (ISPP), New Delhi & N. M. College of Agriculture, NAU, Navsari.



Training organised

PPVFR training



Photo gallery



Farmers Training on Spices Seed production



Farmers Training

