




DEPARTMENT OF VEGETABLE SCIENCE



FACULTY


Name	Designation	Qualification	Date of Joining (Present Post)	Length of Service (Yrs.)	Specialization
Dr. S. N. Saravaiya	I/c Professor	Ph.D. (Horticulture)	15/06/2010	28	Vegetable Science
Dr. N. B. Patel	Associate Professor	Ph.D. (Horticulture)	15/06/2010	27	Vegetable Science
Dr. D. R. Bhanderi	Associate Professor	Ph.D. (Horticulture)	22/06/2010	22	Vegetable Science
Dr. K. N. Chaudhari	Associate Professor	Ph.D. (PBG)	23/01/2012	11.1	Pl. Breeding & Genetics
Dr. K. D. Desai	Assistant Horticulturist	Ph.D. (Horticulture)	29/07/2009	28	Vegetable Science
Dr. S. Y. Patel	Assistant Professor	Ph.D. (Hort.) Veg. Sci.	29/07/2009	27	Vegetable Science
Dr. N.K. Patel	Assistant Professor	Ph.D. (Hort.) Veg. Sci.	11/02/2009	8.6	Vegetable Science
Dr. A.I. Patel	Assistant Professor	Ph.D. (PBG)	14/06/2010	7.3	Pl. Breeding & Genetics
Prof. J.M. Vashi	Assistant Professor	M.Sc. (Veg. Sci.)	28/10/2010	07	Vegetable Science
Dr. Sanjeev Kumar	Assistant Professor	Ph.D. (Veg. Sci.)	28/01/2013	4.6	Vegetable Science
Prof. Hetal R. Rathod	Assistant Professor	M.Sc. (Veg. Sci.)	11/08/2015	02	Vegetable Science
Dr. B.N. Chaudhari	Assistant Professor	Ph.D. (Hort.) Veg. Sci.	17/11/2016	0.8	Vegetable Science

Name	Dr. Sanmukh Nagji Saravaiya			
DoB	23-05-1960			
Blood Group	B ⁺			
Designation	I/c Professor			
Qualification	Ph.D. (Horticulture)			
Contact No. (Office)	+91 2637 282144 Ext. 638			
Mobile No.	+91 9998002658			
Email ID	sanmukhsaravaiya@yahoo.in			
Joining date and Professional Experience	19-05-1989 (As SRA)	28 Years		
PG students guided	M. Sc. – 13	Ph. D. - 02		
PG students on Hand	Ph. D. - 04			
Courses Taken	UG Teaching			
	Code	Title	Credits	
	VEG 5.5	Potato and Tuber crops	2 (1+1)	
	PG Teaching			
	Code	Title	Credits	
	VSC 506	Systematics of Vegetable Crops	2 (1+1)	
VSC 601	Advances in Vegetable Production	3 (2+1)		
Research Interest	Teaching ; Research, ToT			
Award/Medal/Recognition				
Significant Awards				
SN	Name of the Award	Awarding Agency	Year	
1.	GAAS Award	GAAS, Ahmedabad	2006	
2.	Best Teacher Award	ICAR, New Delhi	2015	
3.	Uttam Lekh Award (Total:05) <i>Krushvi Govidya</i>	AAU, Anand	2005-15	
Oral/Poster Paper awards				
SN	Name of the Award	Seminar/Symposium	Date & Venue	Awarding Agency
1.	"Best poster paper Award" Title : Problems & Prospects of TTC in Tribal Areas of South Gujarat region	National seminar on sustainable development of Tribal Areas through Integrated & Eco Friendly Approaches	11-13, 2009, KVK, Waghai (Dangs)	NAU, Navsari
Publications				
	SN	Publications	Number	
	1.	Teaching Manuals	08	
	2.	Research papers	73	
	3.	Popular articles	313	
	4.	Book Chapters	03	
	5.	Books	14	
	6.	Booklets	13	
	7.	Folders/Pamphlets/Extension Bulletins	37	
	8.	FAQ's for Farmers Community	01	
	9.	PG Thesis Abstracts	01	


	10.	Telephone ACHF Directory	01			
	11.	Department of Vegetable Science: At a glance	01			
Competence Building						
Seminar	Workshop	Symposium	Conference	Summer-Winter School (21 days)	Short Courses	Orientation program (28 days)
44	10	2	4	3	3	1
Projects Accomplished	PI	1. Assessing the growth and yield of bottle gourd. 2. Assessing the growth and yield of tomato. 3. Assessing the growth and yield of okra. 4. Assessing the growth and yield of bitter gourd. 5. Assessing the growth and yield of pointed gourd.				
Recommendations	For Farmers' Community: 23					
	For Scientific Community:04					
Crop improvement	Development of variety :04					
	Contribution in Development of variety :03					
Membership	<ul style="list-style-type: none"> • Editorial Boards: 03 • Professional Societies: 09 • Academic Bodies: 03 • Regional ATMA Award Committee :01 • SAC of KVK's:02 • Member of selection committee under direct Recruitment of Asst. Professor (Veg. Sci.):01 • Member of pest monitoring committee for South American tomato pin worm:01 • Member of Anti Ragging committee of Horti. Boys' Hostel:01 • Member of Expert committee for MoU between GIPCL & NAU: 01 • Member of NAUTA Union:01 • Member of Credit Society:01 • Agro meteorological Advisory Committee for GKMS Bulletin :01 					
Other Activities/Duties	<ul style="list-style-type: none"> • PG Seminar Coordinator (Horticulture) • I/c Professor • Counselor for 5 UG student's of 3rd Semester • Radio Talk:01 • TV telecast:15 • Lecture delivered as resource person: 07 					
Five Best research Publications						
1. Sanjeev Kumar, Patel, N.B., Saravaiya S.N. and Vashi, J.M. 2016. Performance of grafted brinjal cv. Surati Ravaiya on to <i>Solanum torvum</i> Swartz rootstock under excess moisture conditions of south Gujarat, India. International Journal of Tropical Agriculture. 34 (3): 753-760. 2. Saravaiya, S. N. , Chaudhari, B. N., More, S. J, Tekale, G. S. and Jarande, S. D. 2013. Performance of greater yam (<i>Dioscorea alata</i> L.) under different staking systems. Journal of Root Crops. 39 (2): 250-254. 3. Saravaiya, S.N. , Chaudhari, P.P., Parmar, V.L., Chaudhari, K.N., Naik, J.R. and Koladiya, P.B. 2011. GN Turmeric 1: A new high yielding and rhizome rot resistant variety. The Asian Journal of Horticulture. 6 (1): 249 – 252. 4. Patel, M.B., Radadia, G.G., Saravaiya, S.N. , Patel, J.R., and Desai, H.R. 2002. Field evaluation of botanical and conventional pesticides against slug (<i>Laevicaulis alte</i> F.) on okra. Gujarat Journal						

of Applied Horticulture. 1 (2): 25 - 27.

5. Saravaiya S.N., Patel, M.B., Patel, C.B., Desai, H.R., and Patel, J.R. 1998. Bioefficacy of different insecticides against ber fruit fly *Carpomyia vesuviana* Costa (Tephritidae: Diptera). GAU Research Journal. 24 (1): 101-103.

Name	Dr. N.B. Patel				
DoB	19-06-1966				
Blood Group	B ⁺ ve				
Designation	Associate Professor				
Qualification	Ph.D. (Horticulture)				
Contact No. (Office)	+91 2637 282144 Ext. 639				
Mobile No.	+91 9998002505				
Email ID	nitin_nau@yahoo.co.in				
Date of Joining and Professional Experience	21-03-1990	27 Years			
PG students guided	M. Sc. – 06				
PG students on Hand	M. Sc. – 02	Ph. D. - 02			
Courses Taken	UG Teaching				
	Code	Title	Credits		
	HWE:7.2.2	Production of Hi-Valued Vegetable Crops	6 (0+6)		
	HWE:7.1.2	Packaging and Marketing of High Valued Horticultural Crops	4 (0+4)		
	HWE:7.1.2	Production of tissue culture plants	6 (0+6)		
	PG Teaching				
	Code	Title	Credits		
	VSC 501	Production Technology of Cool Season Vegetable Crops	3 (2+1)		
VSC 502	Production Technology of Warm Season Vegetable Crops	3 (2+1)			
VSC 603	Protected Cultivation of Vegetable Crops	2 (1+1)			
Research Interest	Protected cultivation of Vegetable crops				
Publications					
	SN	Publications	Number		
	1.	Research papers	21		
	2.	Popular articles	30		
	3.	Book Chapters	01		
	4.	Booklets	04		
	5.	Folders/Pamphlets/Extension Bulletins	08		
Competence Building					
	Seminar	Workshop	Symposium	Conference	Summer-Winter School
	17	02	02	01	02
Projects on hand	PI	Research in vegetable Crops under protected conditions Phase-II			
Recommendations	For Farmers' Community: 06				
	For Scientific Community: 04				
Crop improvement	Contribution in Development of variety : 03				
Membership	<ul style="list-style-type: none"> Professional Societies: 05 Academic Bodies: 03 				
Other Activities/Duties	<ul style="list-style-type: none"> Gymkhana Chairman (2015-16) Lecture delivered as resource person: 12 				
Five Best research Publications					


1. Sanjeev Kumar, **Patel, N.B.**, Saravaiya S.N. and Vashi, J.M. 2016. Performance of grafted brinjal cv. Surati Ravaiya on to *Solanum torvum* Swartz rootstock under excess moisture conditions of south Gujarat, India. International Journal of Tropical Agriculture. 34 (3): 753-760.
2. Sanjeev Kumar, **Patel, N. B.** and Saravaiya, S. N. 2014. Response of parthenocarpic cucumber to fertilizers and training systems under NVPH in subtropical conditions. International Journal of Current Research. 6 (8): 8051-8057.
3. **Patel, N. B.**, Desai, K. D., Patel, J. C., Saravaiya S. N., Tekale, G. S. and More, S. J. 2013. Effect of plant density and corm size on the growth and yield of elephant foot yam (*Amorphophallus paeoniifolius* (Dennst.) Nicolson. Journal of Root Crops. 39 (2): 255-256.
4. Saravaiya, S.N., Koladiya, P.B., Desai, K.D., **Patel, N.B.** and Patel, N.M. 2011. Evaluation of nine genotypes of determinate tomato under south Gujarat conditions. International Journal of Plant Sciences. 6(1): 196-198.
5. Patel, J.C., **Patel, N.B.**, Saravaiya, S.N., Desai, K.D. and Tekale, G.S. 2011. Effect of spacing and corm size on growth and yield of elephant foot yam (*Amorphophallus paeoniifolius*) under South Gujarat conditions. Journal of Root Crops. 37 (1): 88-89.

Name	Dr. D.R. Bhanderi				
DoB	22-11-1966				
Blood Group	A ⁺ ve				
Designation	Associate Professor				
Qualification	Ph.D. (Horticulture)				
Contact No. (Office)	+91 2637 282144 Ext. 642				
Mobile No.	+91 9428457852				
Email ID	darshanbhanderi@nau.in				
Date of Joining and Professional Experience	21-03-1995	22 Years			
PG students guided	M. Sc. – 09				
PG students on Hand	M. Sc. – 03	Ph. D. - 02			
Courses Taken	UG Teaching				
	Code	Title	Credits		
	VEG. 2.1	Tropical and Sub-tropical Vegetables	3 (2+1)		
	VEG. 3.2	Temperate Vegetables	2 (1+1)		
	HWE: 7.4.1	Orientation, Project Formulation, Lay out and Planning	2 (0+2)		
	PG Teaching				
	Code	Title	Credits		
VSC 507	Production Technology of Underexploited Vegetable Crops	2 (1+1)			
VSC 605	Seed Certification, Processing and Storage of Vegetable Crops	3 (2+1)			
Research Interest	Vegetable Science				
Award/Medal/Recognition					
Significant Awards					
	SN	Name of the Award	Awarding Agency	Year	
	1.	GAAS Award	GAAS, Ahmedabad	2008	
Publications					
	SN	Publications	Number		
	1.	Teaching Manuals	03		
	2.	Research papers	20		
	3.	Popular articles	12		
	4.	Book Chapters	02		
	5.	Books	03		
	6.	Booklets	05		
	7.	Folders/Pamphlets/Extension Bulletins	08		
Competence Building					
Seminar	Workshop	Symposium	Conference	Summer-Winter School	Short Courses
16	15	02	01	06	10
Projects Accomplished	PI	Influence of nitrogen sources on growth and yield of okra.			
Recommendations		For Farmers' Community: 08			
		For Scientific Community:04			

Crop improvement	Development of variety : 03
	Contribution in Development of variety : 05
Membership	<ul style="list-style-type: none"> • Editorial Boards: 03 • Professional Societies: 06 • Academic Bodies: 02
Other Activities/Duties	<ul style="list-style-type: none"> • NCC Officer (January 11, 1997 to August 31, 2006) • Gymkhana Chairman (September 15, 2010 to September 17, 2013) • Chairman of Anti-Ragging Committee, 2015-16: New PG Boys Hostel • Radio Talk: 01 • TV telecast: 03 • Lecture delivered as resource person: 02


Five Best research Publications

1. Malviya A.V., **Bhanderi, D.R.**, Patel A.I., Jadav N.K. and Patel U.V. 2017. Heterosis for Fruit Yield and its Components in Bottle Gourd. [*Lagenaria siceraria* (Mol.) Stnadl.]. Trends in Biosciences. 10(2): 783-787.
2. Akhilesh Kumar, **Bhanderi, D.R.**, Patel A.I., Himani B. Patel, Tank R.V. and Sankhala P.M. 2016. Magnitude of heterosis for pod yield and its contributing characters in brinjal (*Solanum melongena* L.). The Bioscan. 11 (3): 1833-1836.
3. Devulkar N.G., **Bhanderi, D.R.**, More S.J. and Jethava B.A. 2015. Optimization of yield and growth in onion through spacing and time of planting. Green Farming. 6(2): 305-307.
4. Himani B. Patel, **Bhanderi, D.R.**, Patel A.I., Tank R.V. and Akhilesh Kumar. 2015. Magnitude of heterosis for pod yield and its contributing characters in okra (*Abelmoschus esculentus* (L.) Moench). The Bioscan. 10(2): 939-942.
5. More S.J., **Bhanderi, D.R.**, Patil S.J., Kadam Y.R. and Patel J.C. 2013. Effect of transplanting dates and mulching on fruit characters, yield and quality of Tomato (*Lycopersicon esculentum* Mill.) cv. Gujarat Tomato-2. Crop Research. 46 (1, 2 & 3): 185-187.


Name	Dr. K.N. Chaudhari			
DoB	12-10-1976			
Blood Group	O ⁺ ve			
Designation	Associate Professor			
Qualification	Ph.D. (Plant Breeding & Genetics)			
Contact No. (Office)	+91 2637 282144 Ext. 633			
Mobile No.	+91 9427348603			
Email ID	knc970@yahoo.co.in			
Date of Joining and Professional Experience	10-04-2008	11.1 Years		
PG students guided	M. Sc. – 05	Ph. D. - 02		
PG students on Hand	M. Sc. – 01	Ph. D. - 01		
Courses Taken	UG Teaching			
	Code	Title	Credits	
	VEG 5.1	Breeding of Vegetable, Tuber and Spice Crops	2+1	
	VEG 6.1	Seed Production of Vegetable, Tuber and Spice Crops	2+1	
	PG Teaching			
	Code	Title	Credits	
VSC 503	Breeding of Vegetable Crops	2+1		
VSC 505	Seed Production Technology of Vegetable Crops	2+1		
FSC 601	Advances in Breeding of Fruit Crops	2+1		
Research Interest	Genetic Improvement [Good Team & enough resources is prerequisite]			
Publications				
	SN	Publications	Number	
	1.	Teaching Manuals	01	
	2.	Research papers	21	
	3.	Popular articles	07	
	4.	Books	02	
Competence Building				
	Seminar	Workshop	Symposium	Summer-Winter School
	06	12	04	02
Projects Handled	PI	Development of hybrids in vegetable especially in okra, brinjal, tomato and capsicum. Research in Vegetable Crops.		
Recommendations	For Farmers' Community: 02 For Scientific Community: 01			
Crop improvement	Contribution in Development of variety : 04			
Membership	<ul style="list-style-type: none"> • Editorial Boards: 06 [During 2011-12/2012-13] • Professional Societies: 03 • Academic Bodies: 04 			
Other Activities/Duties	<ul style="list-style-type: none"> • Farm Manager (April, 2014 to July, 2016) • TV Telecast: 01 • Lecture As Resource Person: 05 			


Five Best research Publications

1. More, S.J., **Chaudhari, K.N.**, Vaidya, G. B. and Chawla, S. L. 2017. Estimation of hybrid vigour for fruit yield and quality traits of okra (*Abelmoschus esculentus* (L.) Moench) through line x tester analysis carried over environments. *International Journal of Current Microbiology and Applied Sciences*. (Accepted).
2. Rymbai, H., Patel, C.R., **Chaudhry, K.N.**, Ahlawat, T.R. and Patel, N.L. 2015. Performance of Alphonso as a source of pollen for its hybrids Sonpari and Neelphonso as female parent in mango. *Indian Journal of Horticulture*. 72(2): 157-161.
3. Ankit D Gadhiya, **Chaudhari, K.N.**, Sankhla, P.M., Viradiya, Y.A. and Bhamini Parekh. 2015. Genetic architecture of yield and its components in Brinjal (*Solanum melongena* L.). *The Bioscan*. 10(4): 2139-2144.
4. Jadhav, A.R., **Chaudhari, K.N.**, Desai, R.T., Ghodke, U.R. and Patil, P.P. 2011. Variability for Yield and Quality Traits in (Single-Cut) Forage Sorghum [*Sorghum Bicolor* (L.) Moench]. *Indian Journal of Plant Genetic Resources*. 24(2): 205-210.
5. **Chaudhari, K.N.**, Chaudhary, R.F., Patel, D.K. Ashish Kanwal, Patel, H.N. Pathak, H.C. and Prajapati, B.H. 2011. Heterosis for seed yield and yield components over environments in Castor (*Ricinus communis* L.). *Electronic Journal of Plant Breeding*. 2(3): 372-376.

Name	Dr. K.D. Desai				
DoB	09-04-1962				
Blood Group	A ⁺ ve				
Designation	Assistant Horticulturist				
Qualification	Ph.D. (Horticulture)				
Contact No. (Office)	+91 2637 282144 Ext. 637				
Mobile No.	+91 9427413829				
Email ID	ketan_nau62@yahoo.in				
Date of Joining and Professional Experience	13-06-1989	28 Years			
PG students guided	M. Sc. – 02				
PG students on Hand	M. Sc. – 02				
Courses Taken	UG Teaching				
	Code	Title	Credits		
	VEG 5.5	Potato and Tuber crops	2 (1+1)		
	HWE: 7.4.3	Packaging and Marketing of Vegetable Seedlings	2 (0+2)		
Research Interest	Tuber crops				
Publications					
	SN	Publications	Number		
	1.	Teaching Manuals	02		
	2.	Research papers	18		
	3.	Popular articles	29		
	4.	Book Chapters	01		
	5.	Books	03		
	6.	Booklets	01		
	7.	Folders/Pamphlets/Extension Bulletins	01		
Competence Building					
	Seminar	Workshop	Conference	Summer-Winter School	Short Courses
	22	09	02	02	03
Events organized	SN	Details	Venue	Date	
	1.	One day on-campus farmer's training programme on awareness of different tropical tuber crops	ACHF, Navsari	August 16, 2010	
	2.	One day on-campus farmer's training programme on "Scientific based approach in cultivation of tuber crops"	ACHF, Navsari	January 29, 2013	
	3.	One day off-campus training programme on tuber crops.	Karjune	September 29, 2013	
	4.	Scientific cultivation method of sweet potato and greater yam	Kolvera	June 25, 2014	
	5.	Farmers' training programme on Cultivation of Tuber Crops	K.V.K. Dediapada	February 27, 2015	
	6.	Importance of tuber crops and its cultivation practices as inter	Dehari	January 09, 2016	


		crop in coconut orchard.		
	7.	Scientific approach for cultivation of sweet potato and greater yam	Nandgam	July 10, 2015
	8.	Cultivation practices of greater yam.	Nandgam	July 10, 2015
	9.	One day off campus framers training on Tuber Crops	Vanarasi	January 12, 2017
Projects on hand	PI	AICRP on Tuber Crops		
Recommendations	For Farmers' Community: 16			
Crop improvement	Development of variety : 01			
Membership	<ul style="list-style-type: none"> • Editorial Boards: 03 • Professional Societies: 06 • Academic Bodies: 02 			
Other Activities/Duties	<ul style="list-style-type: none"> • Radio Talk: 08 • TV telecast: 02 			
Best Research Publications				
<ol style="list-style-type: none"> 1. Byju, G., Nedunchezhiyan, M., Jems George, Sunitha, S., Kamalkumaran, R., Singh, P.P., Mamatha, K., Surajit Mitra, Jayanta Tarafdar, Ketan Desai, Ravi, V., Vani, M., Sabitha Soman and Remya Ramesh, K.R. 2016. Fertilizer best management practices by SSNM and customized fertilizers for elephant foot yam (<i>Amorphophallus paeoniifolius</i>) cultivation in India. Indian Journal of Agricultural Sciences. 86(4): 485-93. 2. Desai, K.D., Saravaiya S.N., Patel, N.B., Padhiar, B.V., More, S.J. and Tekale, G.S. 2013. Evaluation of different orange-fleshed sweet potato genotypes (<i>Ipomoea batatas</i> L.) under south Gujarat conditions. Journal of Root Crops. 39 (2): 232-233. 3. Anuj Kumar, Patel Ashok A., Singh, R.R.B. and Desai, K.D. 2013. Alkali pre-soaking effects on acidity, colour parameters and oxalate content of elephant foot yam. Journal of Root Crops. 39 (1): 88-95. 4. Patel, J.C., Patel, N.B., Saravaiya, S.N., Desai, K.D. and Tekale, G.S. 2011. Effect of spacing and corm size on growth and yield of elephant foot yam (<i>Amorphophallus paeoniifolius</i>) under South Gujarat conditions. Journal of Root Crops. 37 (1): 88-89. 5. Desai K.D., Saravaiya S.N., Patel, B.N. and Patel, N.B. (2011). Response of growth retardants on sex expression and fruit yield of bottle gourd [<i>Lagenaria siceraria</i> (Mol.) Standl.] cv. Pusa Naveen under south Gujarat conditions. The Asian Journal of Horticulture. 6 (1): 22-25. 				

Name	Dr. S.Y. Patel			
DoB	04-01-1965			
Blood Group	A ⁺ ve			
Designation	Assistant Professor			
Qualification	Ph.D. (Hort.) Vegetable Science			
Contact No. (Office)	+91 2637 282144 Ext.			
Mobile No.	+91 9898239549			
Email ID	syp_2005@yahoo.in			
Date of Joining and Professional Experience	20-03-1995	27 Years		
PG students guided	M. Sc. – 02			
PG students on Hand	M. Sc. – 03			
Courses Taken	UG Teaching			
	Code	Title	Credits	
	HWE. 8.3 (RAWE)	University farms (AAU) and Private Horticultural Field visit of Middle Gujarat region	4 (0+4)	
Research Interest	Research in Vegetable Crops			
Publications	SN	Publications	Number	
	1.	Teaching Manuals	03	
	2.	Research papers	25	
	3.	Book Chapters	1	
Competence Building	Seminar	Workshop	Summer-Winter School	
	03	03	03	
Projects Accomplished	PI	Effect of new fertigation grades on tomato cv. Arka Abhinav.		
Recommendations	For Farmers' Community: 06			
Membership	<ul style="list-style-type: none"> • Professional Societies: 02 • Academic Bodies: 01 			
Other Activities/Duties	• Lecture delivered as resource person: 12			
Best research Publications	<ol style="list-style-type: none"> 1. Sankhla, P.M. Patel, S.Y., Tank, R. V. and Gadhiya, A.D. 2016. Heterosis Studies in Tomato (<i>Solanum lycopersicum</i> L.). Advances in Life Sciences. 5(2): 575-579. 2. Jadav, N.K. Patel, S.Y., Malaviya, A.A. and Chaudhari, B.B. 2016. Heterosis study for yield, quality and its component traits of tomato (<i>Solanum lycopersicum</i> L.). Advances in Life Sciences. 5(18): 7264-71. 3. Kaswala, A.R., Kolambe, B.N., Patel, K.G., Patel, V.S. and Patel, S.Y. 2013. Organic production of greater yam: Yield, quality and nutrient uptake and soil fertility. Journal of Root Crops. 39(1): 56-61. 			


Name	Dr. N.K. Patel			
DoB	30-12-1983			
Blood Group	O ⁺ ve			
Designation	Assistant Professor			
Qualification	Ph.D. (Hort.) Vegetable Science			
Contact No. (Office)	+91 2637 282464			
Mobile No.	+91 9662532815			
Email ID	naren_horti@yahoo.co.in			
Date of Joining and Professional Experience	11-02-2009	8.6 Years		
PG students guided	M. Sc. – 02			
PG students on Hand	M. Sc. – 02			
Courses Taken	UG Teaching			
	Code	Title	Credits	
	VEG 6.7	Seed Production of Vegetable, Tuber and Spice Crops	3 (2+1)	
	HWE: 7.4.2	Production of Vegetable Seedlings	6 (0+6)	
	HWE: 7.2.1	Propagation and Production of Propagules	6 (0+6)	
	SSC 1.4	Physical and Health Education	1 (0+1)	
Research Interest	Cucurbits crop, drumstick, Indian bean			
Award/Medal/Recognition				
Significant Awards				
	SN	Name of the Award	Awarding Agency	Year
	1.	<i>Uttam Lekh</i> Award	AAU, Anand	2014
Publications				
	SN	Publications	Number	
	1.	Research papers	09	
	2.	Popular articles	12	
	3.	Book Chapters	04	
Competence Building				
Seminar	Workshop	Conference	Summer-Winter School (21 days)	Orientation program (28 days)
05	03	02	01	01
Projects on hand	PI	Research in Vegetable Crops		
	Co-PI	Vegetable Research and Development in South Gujarat		
Projects Accomplished	Co-PI	Effect of new fertigation grades on tomato cv. Arka Abhinav.		
Recommendations	For Farmers' Community: 03			
	For Scientific Community: 02			
Crop improvement	Development of variety: 02			
	Contribution in Development of variety: 01			
Membership	<ul style="list-style-type: none"> • Professional Societies: 03 • Academic Bodies: 03 			
Other Activities/Duties	<ul style="list-style-type: none"> • Indoor Sports Advisor (Horticulture) • Member of Anti-Ragging Committee • Farm Manager of Vegetable Research Scheme • TV telecast: 02 			


Five Best research Publications

1. Patel, G.R., **Patel, N.K.** and Patel, G.D. 2015. Adoption of new production technology of tomato in Navsari district of south Gujarat. *Journal of Science*. 5(12): 1305-1308
2. Kazi, A.A., Tandel, M.B. and **Patel, N.K.** 2015. Inter cropping of Tania, Elephant Foot Yam and Turmeric under naturally occurring Palmyra Palm (*Borassus flabellifer* L.). In: National conference on Palmyra palm. pp104.
3. **Patel, N.K.**, Patel, B.B. and Patel, P.R. 2014. Integrated nutrient management in little gourd. *Trends in biosciences*. 7(12): 1283-1284.
4. Parmar, M.R., Jadeja, D.B. Tandel, M.B., **Patel, N.K.**, Kirti Bardhan and Prajapati, V.M. 2014. Effect of pruning intensity and different levels of fertilizers on *Jatropha curcas* L. under irrigated condition. *Indian Forester*. 140(1): 46-50.
5. **Patel, N.K.** and Chaudhari, S.R. 2012. Influence of nitrogen on quality parameters of different varieties of chrysanthemum. *International journal of Agricultural Sciences*. 8(1): 198-200.

Name	Dr. A.I. Patel				
DoB	Assistant Professor (GPB)				
Blood Group	AB ⁺				
Designation	Ph.D. in Plant Breeding and Genetics				
Qualification	+91 2637 282144 EXT 636				
Contact No. (Office)	17/06/1974				
Mobile No.	7600049176				
Email ID	akshay742000@yahoo.co.in				
Date of Joining and Professional Experience	14-06-2010	7.3 Years			
PG students guided	M. Sc. - 10	Ph. D. – 3			
PG students on Hand	M. Sc. - 03	Ph. D. – 03			
Courses Taken	UG Teaching				
	Code	Title	Credits		
	BSC 1.2	Principles of genetics and Cyto-genetics	2+1		
	BSC 2.2	Principles of Plant Breeding	2+1		
	PG Teaching				
	Code	Title	Credits		
	PSMA 504	Breeding for Plantation crops and spices	2+1		
FLA 601	Advances in Breeding of Flower Crops	2+1			
GP 603	Genomics in Plant Breeding	2+1			
Research Interest	Okra Breeding				
Award/Medal/Recognition					
Significant Awards					
	SN	Name of the Award	Awarding Agency	Year	
	1.	Bir Singh Aasi Memorial Best Publication Award	SADHNA	2015	
Oral/Poster Paper awards					
SN	Name of the Award	Seminar/Symposium	Date & Venue	Awarding Agency	
1.	Best Paper award (Second)	Annual Convention of the Deccan Sugar Technologists Association	October 01, 2010 Pune	DSTA	
Publications					
	SN	Publications	Number		
	1.	Teaching Manuals	06		
	2.	Research papers	76		
	3.	Popular articles	18		
	4.	PG Thesis Abstracts	01		
Competence Building					
	Seminar	Workshop	Symposium	Conference	Summer-Winter School
	04	03	03	04	03
Projects on hand	PI	Development of hybrids in vegetable especially in okra, brinjal, tomato and capsicum			
Recommendations	For Farmers' Community: 05				
Crop improvement	Contribution in Development of variety : 05				
Membership	<ul style="list-style-type: none"> • Editorial Boards: 03 • Professional Societies: 08 				

	<ul style="list-style-type: none"> • Academic Bodies: 02
Other Activities/Duties	<ul style="list-style-type: none"> • Radio Talk: 01 • TV telecast: 02 • Lecture delivered as resource person: 02
Five Best research Publications	
<ol style="list-style-type: none"> 1. Pankaj R. Sante, Patel, A.I., Lachyan, T.S., Dhole, R.B. and Phutankar, N.R. 2017. Genetic studies of yield and yield attributing traits in vegetable Indian bean (<i>Lablab Purpureus</i> (L.) Sweet.). International Journal of Chemical Studies. 5(2): 446-449. 2. Kapadia, D.B., Chawla, S.L., Patel, A.I. and Dipal Bhatt. 2016. Induction of variability through in vivo mutagenesis in chrysanthemum (<i>Chrysanthemum morifolium</i> Ramat.) var. Jaya. Indian Journal of Horticulture. 72(1): 141-144. 3. Kapadiya, D.B., Chawla, S. L., Patel, A.I. and T. R. Ahlawat. 2014. Exploitation of variability through mutagenesis in chrysanthemum (<i>Chrysanthemum morifolium</i> Ramat.) Var. Maghi. The Bioscan. 9(4): 1799-1804. 4. Patel, A.I. 2011. Effect of 2, 4-D on callusing and morphogenesis of sugarcane (<i>Saccharum spp.</i> Hybrid). Research on Crops. 12(2): 462-464. 5. Patel, A.I., Mali, S.C., Patel, U.G. and Patel, D.U. 2010. Stability analysis for seed cotton yield and component traits in intra and inter-specific crosses of GMS based Asiatic cottons. Research on Crops. 11(2): 483-490. 	

Name	Prof. J.M. Vashi			
DoB	13-06-1979			
Blood Group	A ⁺			
Designation	Assistant Professor			
Qualification	M.Sc. (Vegetable Science)			
Contact No. (Office)	+91 2637 282144 Ext. 640			
Mobile No.	+91 9662532859			
Email ID	jmvashi@nau.in			
Date of Joining and Professional Experience	28-10-2010	8.4 Years		
Courses Taken	UG Teaching			
	Code	Title	Credits	
	VEG 4.4	Spices and Condiments	3 (2+1)	
	HWE: 7.2.3	Packaging and Marketing of Vegetables	2 (0+2)	
Research Interest	Protected Cultivation, Production Technology			
Publications	SN	Publications	Number	
	1.	Teaching Manuals	02	
	2.	Research papers	04	
	3.	Popular articles	02	
	4.	Book Chapters	02	
	5.	Books	01	
	6.	PG Thesis Abstracts	01	
Competence Building	Seminar	Short Courses	Summer-Winter School	
	01	01	01	
Membership	• Academic Bodies: 01			
Other Activities/Duties	• NSS Programme Officer (Horticulture) • Lecture delivered as resource person: 48			
Best Research Publications	1. Sanjeev Kumar, Patel, N.B., Saravaiya S.N. and Vashi, J.M. 2016. Performance of grafted brinjal cv. Surati Ravaiya on to <i>Solanum torvum</i> Swartz rootstock under excess moisture conditions of south Gujarat, India. International Journal of Tropical Agriculture. 34 (3): 753-760.			

Name	Dr. Sanjeev Kumar			
DoB	30-03-1978			
Blood Group	B ⁺ ve			
Designation	Assistant Professor			
Qualification	Ph.D. (Vegetable Science)			
Contact No. (Office)	+91 2637 282144 Ext. 641			
Mobile No.	+91 9712724384			
Email ID	drsksony@nau.in drsksony@gmail.com			
Date of Joining and Professional Experience	28-01-2013	12.6 Years (SRF, RA, Seed Industry, ADO) 2 0.5 1.5 4		
PG students guided	M. Sc. – 06			
PG students on Hand	M. Sc. – 02			
Courses Taken	UG Teaching			
	Code	Title	Credits	
	HWE 7.2.1	Orientation, project formulation, layout and planning	0+2	
	HWE 7.2.2	Production technology of hi-valued vegetables	0+6	
	HWE 7.1.1 (STUDENT READY-I)	Production of High Valued Crops	0+6	
	HWE 8.1	Educational Tour	0+3	
	PG Teaching			
	Code	Title	Credits	
	VSC 505	Seed Production Technology of Vegetable crops	2+1	
	PGS 503	Intellectual Property and its Management in Agriculture (e-course)	1+0	
VSC-603	VSC 603 Protected Cultivation of Vegetable crops	1+1		
VSC-591	Masters' Seminar	1+0		
Research Interest	Protected Cultivation and Vegetable Grafting.			
Award/Medal/Recognition				
Significant Awards				
SN	Name of the Award	Awarding Agency	Year	
1.	Certificate of Honour (M. Sc. Agri- Veg. Science)	CSK HPKV, Palampur	2006	
2.	<i>Uttam Lekh Award (Krushji Govidya)</i>	AAU, Anand	2014	
3.	Young Scientist Award	IJTA and Serials Publication Pvt. Ltd. New Delhi	2016	
4.	Outstanding Participant in a ICAR Winter School, 2016	Course Director, Department of Soil & Water Engineering, CoAE & T, PAU-Ludhiana	2016	
Oral/Poster Paper awards				
SN	Name of the Award	Seminar/Symposium	Date & Venue	Awarding Agency

1.	Certificate of Recognition for Keynote lecture	Global Conference on Technological Challenges and Human Resources for Climate Smart Horticulture- Issues and Strategies	May 28-31, 2014 NAU, Navsari	ASM Foundation, New Delhi
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Publications

SN	Publications	Number
1.	Research papers	25
2.	Popular articles	20
3.	Book Chapters	17
4.	Books	01
5.	Booklets	03
6.	Folders/Pamphlets/Extension Bulletins	08
7.	Articles in College Magazine	04
8.	Vision 2050-Horticulture	01
9.	PG Thesis Abstracts	01
10.	ACHF Telephone Directory	01
11.	Department of Vegetable Science: At a glance	01


Competence Building


Seminar	Workshop	Symposium	Conference	Summer-Winter School	Short Courses
05	02	01	03	02	01

Projects on hand	Co-PI	Research in Vegetable Crops under Protected Conditions Phase-II
Recommendations		For Farmers' Community: 02 For Scientific Community: 02
Membership		• Professional Societies: 06 • Academic Bodies: 02
Other Activities/Duties		• Member of Anti-Ragging Committee • Lecture delivered as resource person: 21


Five Best Research Publications


- Sanjeev Kumar**, Chaudhari Varsha I., Saravaiya, S.N. and Dev Raj. 2017. Potentiality of greenhouse cucumber cultivars for economic and nutritional realization. International Journal of Farm Sciences. 7 (1): 1-7.
- Saravaiya, S.N., **Sanjeev Kumar**, Vadodaria, J.R., Piyush Verma and Varma, L.R. 2016. Vertical Farming: An Alternative Farming System for Future. In: Workshop Compendium on Forward Thinking for Agricultural Development in Western India. February 8-10, 2016, SDAU, Sardarkrushinagar. pp. 57-61.
- Sanjeev Kumar**, Patel, N.B., Saravaiya S.N. and Vashi, J.M. 2016. Performance of grafted brinjal cv. Surati Ravaiya on to *Solanum torvum* Swartz rootstock under excess moisture conditions of south Gujarat, India. International Journal of Tropical Agriculture. 34 (3): 753-760.
- Sanjeev Kumar**, Patel, N.B. Saravaiya, S.N. and Desai, K.D. 2015. Economic viability of cucumber cultivation under NVPH. African Journal of Agricultural Research. 10 (8): 742-747.
- Chander Parkash, **Sanjeev Kumar** and Vikas Kumar Sharma. 2008. Morphological characterization of notified varieties of cabbage for conducting DUS tests. Journal of Plant Genetic Recourses. 21(1): 17-22.


Name	Prof. Hetal R. Rathod			
DoB	16-09-1990			
Blood Group	AB ⁺ ve			
Designation	Assistant Professor			
Qualification	Ph.D. (Horticulture)			
Contact No. (Office)	+91 2637 282464			
Mobile No.	+91 9913615259			
Email ID	rathod.rinki09@yahoo.in			
Date of Joining and Professional Experience	11-08-2015	2 Years		
Research Interest	Vegetable Production and Improvement			
Award/Medal/Recognition				
Significant Awards				
SN	Name of the Award	Awarding Agency	Year	
1.	Vice-Chancellor Gold Medal	NAU, Navsari	2013	
Oral/Poster Paper awards				
SN	Name of the Award	Seminar/Symposium	Date & Venue	Awarding Agency
1.	Best Paper Presentation	Global Conference on Technological Challenges and Human Resources for Climate Smart Horticulture-Issues and Strategies	May 28-31, 2014 Navsari	ASM Foundation, New Delhi
Publications				
	SN	Publications	Number	
	1.	Research papers	04	
	2.	Popular articles	04	
Competence Building				
	Seminar	Workshop	Conference	
	05	01	01	
Membership	<ul style="list-style-type: none"> Professional Societies: 02 Academic Bodies: 01 			
Best research Publications				
<p>1. Rathod, Hetal, Saravaiya, S.N., Patel, A.I. and Patel, Krishna 2016. Genetic variability, correlation and path coefficient analysis in tomato (<i>Solanum lycopersicum</i>). The Bioscan. 11(3): 1969-1974.</p> <p>2. Rathod, Hetal, Saravaiya, S.N., Patel, A.I., Tank, R.V. and Patel, Krishna 2015. Genetic Divergence in Tomato (<i>Solanum lycopersicum</i>). Trends in Biosciences. 8(2): 301-304.</p> <p>3. Patel, Krishna, Patel, N.B., Patel, A.I., Rathod, Hetal and Patel, Dharmishta 2015. Study of variability, correlation and path analysis in brinjal (<i>Solanum melongena</i> L.). The Bioscan. 10(4): 2037-2042.</p> <p>4. Patel, Krishna, Patel, N.B., Ahlawat, T.R., Patel A.I., Rathod, Hetal and Patel, Dharmishta 2014. Study on Genetic Diversity in Brinjal (<i>Solanum melongena</i> L.). Trends in Biosciences. 7(19): 2969-2971.</p>				


Name	Dr. B.N. Chaudhari			
DoB	13-11-1988			
Blood Group	O ⁺			
Designation	Assistant Professor			
Qualification	Ph.D. (Hort.) Vegetable Science			
Contact No. (Office)	+91 2637 282144 Ext. 643			
Mobile No.	+91 8980277930			
Email ID	bhaveshnc11@gmail.com			
Date of Joining and Professional Experience	17-11-2016	0.8 Years		
Research Interest	Vegetable Breeding			
Publications				
	SN	Publications	Number	
	1.	Research papers	03	
	2.	Booklets	01	
Competence Building				
		Seminar	Workshop	
		05	02	
Membership	<ul style="list-style-type: none"> • Professional Societies: 02 • Academic Bodies: 01 			
Best research Publications				
<ol style="list-style-type: none"> 1. Chaudhari, B.N. and Saravaiya, S.N. 2016. Effect of Staking Systems on Incidence of Anthracnose in Greater Yam (<i>Dioscorea alata</i> L.). Advances in Life Sciences. 5(5): 1985-1987. 2. Chaudhari, B.N., Patel, A.I. and Patel, H.N. 2015. Stability Analysis for Growth and Yield Attributes in Brinjal (<i>Solanum melongena</i> L.). Trends in Biosciences. 8(21): 5897-5905. 3. Saravaiya, S.N., Chaudhari, B.N., More, S.J., Tekale, G.S. and Jarande, S.D. 2013. Performance of Greater Yam (<i>Dioscorea alata</i> L.) Under Different Staking Systems. Journal of Root Crops. 39(2): 250-254. 				

SUPPORTING TECHNICAL STAFF

Name	Mr. G.B. Desai		
DoB	13-10-1986		
Blood Group	AB ^{+ve}		
Designation	Agriculture Officer		
Qualification	M.Sc. (Agri.) in General Horticulture		
Mobile No.	+91 8238240922		
Email ID	gaurang.desai1310@gmail.com		
Joining date and Professional Experience	23-09-2015	1.8 Years	

Name	Mr. N. J. Patel		
DoB	01-06-1964		
Blood Group	O ^{+ve}		
Designation	Agriculture Assistant		
Qualification	Diploma (Agri.)		
Mobile No.	+91 9979596790		
Joining date and Professional Experience	14-08-1989	27 Years	

Name	Mr. V. A. Patel		
DoB	28-06-1992		
Blood Group	A ^{+ve}		
Designation	Agriculture Assistant		
Qualification	Diploma (Hort.)		
Mobile No.	+91 9173403080		
Email ID	vikaspatel865@gmail.com		
Joining date and Professional Experience	24-09-2015	4.8 Years	

Name	Patel Sonalben Dhangibhai		
DoB	07-07-1993		
Blood Group	O ^{+ve}		
Designation	Agriculture Assistant		
Qualification	Diploma (Hort.)		
Mobile No.	+91 8140050359		
Joining date and Professional Experience	07-09-2017	06 months	