

Curriculum Vitae

Dr. Timur Ahlawat



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Personal Information

Name: Dr. Timur Ahlawat

Gender: Male

Date of Birth: 31/03/1974

Designation & Affiliation: Associate Director of Research,
Navsari Agricultural University, Navsari

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Educational Qualifications

Sr. No.	Degree	University/ Board	College/ Institute	Year of Passing	Class	Grade Obtained
1	Ph.D.	AAU, Anand	B.A. College of Agriculture	2005	I st	7.45/10
2	M.Sc.	GAU, Navsari Campus	N. M. College of Agriculture	1999	I st with Distinction	8.0/10
3	B.Sc.	South Gujarat University, Surat	P.T. Science	1995	I st	68.2%

M.Sc. Thesis: Effect of Plant Growth Regulators and Urea on Fruit Growth and Quality of Mango (*Mangifera indica* L.) cv. Kesar.

Advisor: Dr. B. M. Patel, Professor, Dept. of Horticulture, NMCA

Ph.D. Thesis: Line x Tester analysis for Combining Ability, Heterosis and Gene Action in Okra (*Abelmoschus esculentus* (L.) Moench)

Advisor: Dr. K. I. Joshi, Professor, Dept. of Horticulture, BACA

Employment Details

Designation / Post Held	Place of work with full address	Scale of Pay	Period		Nature of duties
			To	From	
Senior Research Fellow	Agricultural Product Process Engineering Unit, Anand	5000	22-05-2001	30-11-2003	Research

Summer Trainee	NABARD, Ahmedabad	5000	06-06-2005	13-07-2005	Reporting
Horticulturist	Indian Institute of Advanced Research, Gandhinagar	9000	22-07-2005	31-10-2005	Administrative
Consultant	Gujarat Agro Industries Corporation Limited, Gandhinagar	15000	05-11-2005	28-09-2006	Training and Reporting
Assistant Professor	Junagadh Agricultural University, Junagadh	15600-39100-6000	30-09-2006-	26-05-2009	Teaching, Research and Administrative
Assistant Professor	ASPEE College of Horticulture and Forestry, NAU, Navsari	15600-39100-6000	26-05-2009	31-03-2011	Teaching and Administrative as Technical Officer
Associate Professor	ASPEE College of Horticulture and Forestry, NAU, Navsari	37400-67400-9000	5-04-2011	Cont....	Teaching and Administrative as Technical Officer
Associate Director of Research (Pooled basis)	Navsari Agricultural University	37400-67400-9000	June 2017	Cont...	Teaching and Administrative

Externally Funded Project

2014-2018: Principle Investigator of a scheme entitled “Research in Papaya” sanctioned by the State Government.

2018-19 till 2020-2021: Principle Investigator of a NAHEP-CAAST sub-project entitled “Establishment of Secondary Agriculture Unit for Skill Development in Students and Farmers”. This is a Competitive Grant Project with a budget outlay of Rs. 24 crores funded by the World Bank and implemented by the Education Division of ICAR, New Delhi.

Awards/Medals/Recognition: 03

Sr. No.	Name of the Award	Awarding Agency	Year
1.	Fellowship	Confederation of Horticulture Associations of India, New Delhi	2014
2.	Best Teachers Award	Navsari Agricultural University, Navsari, Gujarat	2015
3.	Bir Singh Aasi Memorial Best Publication Award	SADHNA, Solan, H. P.	2015

Oral/Poster Paper Awards: 03

Sr. No.	Name of the Award	Seminar/Symposium	Date & Venue	Awarding Agency
1.	Best keynote address	National Workshop on Urban and Peri urban Horticulture	21 st Dec., 2013, Navsari	CHAI, New Delhi
2.	Best Oral Presentation	Global Conference on Technological Challenges and Human Resources for Climate Smart Horticulture: Issues and Strategies	28-31 st May, 2014, Navsari	CHAI, New Delhi
3.	Best Oral Presentation	Global Conference on Technological Challenges and Human Resources for Climate Smart Horticulture: Issues and Strategies	28-31 st May, 2014, Navsari	CHAI, New Delhi

Professional Experience (Nature of Work)

2017-2019 (Now): Directorate of Research, NAU, Navsari

A) Nodal Officer for World Bank funded NAHEP CAAST sub-project

B) Nodal Officer for National Institutional Rating Framework, MHRD, GoI

Achievements:

- NAU participated in this ranking for the first time.
- Navsari Agricultural University was positioned in the **Rank Band 150-200 in India Ranking 2018**.
- Navsari Agricultural University was positioned in the **Rank Band 101-150 in India Ranking 2019**. Tally improved by almost 50 positions
- 1480 universities had participated in NIRF

C) Nodal Officer for Atal Ranking of Institutions on Innovation Achievement, MHRD, GoI

Achievement: NAU participated in this ranking for the first time.

D) NAU Co-ordinator for Experiential Learning Units

Achievements:

- Navsari Agricultural University bagged two ELUs and two TSP projects at College of Agriculture, Waghai from the Education Division, ICAR in 2019.

E} ICAR Ranking of Agricultural Universities

Achievements

- Navsari Agricultural University was adjudged as the 9th Best Agricultural Institution in India for the year 2017.
- NAU was the fifth best SAU in the entire country.
- NAU stood first as per this ranking in the state of Gujarat amongst all other SAUs
- 63 Agricultural Universities/ICAR Institutions had participated in this ranking.

F} Gujarat State Institutional Rating Framework, KCG, GoG

Achievements

- NAU participated in this rating for the first time
- NAU, Navsari bagged a 4 star rating in GSIRF
- NAU, Navsari had the highest rating and score among all other universities in South Gujarat.

G} Accreditation

Achievements

- Accreditation of ASPEE Shakilam Agri Biotechnology Institute, Surat, NAU
- Accreditation of College of Agriculture, Waghai, NAU
- Accreditation of PG Program in College of Forestry, NAU, Navsari

E} Summer Schools/Winter Schools/Short Courses

Achievements

- NAU, Navsari bagged one winter school for College of Forestry, NAU, Navsari in 2018.
- NAU bagged one short course for N. M. College of Agriculture, NAU, Navsari in 2018.

F} Linkages with Public/Private sector Institutions

Achievements

- MoU with Western Sydney University, Australia
- MoU with Bhabha Atomic Research Centre, Trombay
- MoU with Thermo Fischer Scientific India *Ltd*, Mumbai
- MoU with Sumul Dairy, Surat
- MoU with Unifab India Solutions, Nashik
- MoU with Paperdom, Surat

G} Other activities handled

- Common Admissions for PG Programs in SAUs of Gujarat.

- Publication of Annual Report of Navsari Agricultural University
- Publication of SPECTRUM - a bimonthly news bulletin of NAU, Navsari
- PG Studies related work starting from compilation of Intake Capacity till Notification of Degrees.
- PG Rules and Regulations
- ICAR Development Grant work from proposing demand till submission of AUCs
- ICAR Fellowships from proposing demand till allocation of Fellowship
- Planning, Monitoring and Reporting of AICRPs in NAU
- Work related to Convocation

2011-2017:: ASPEE College of Horticulture and Forestry, NAU, Navsari

A) Technical Officer from 2011-2017

- Preparation of SPECTRUM, Annual Report and ICAR reports of ACHF
- Technical work related to planning, monitoring, evaluation report submission of ICAR/Plan/Non-Plan and other agency projects.
- Involvement in admission process, at University/Council Level/Convocation preparations etc.
- Preparation of agenda items for different meetings
- Organizing meetings at college level and preparation of their proceedings
- Updating college website in co-ordination with HoDs of various departments in ACHF
- Development of content for ACHF Website
- Processing Research Scheme Proposals, Preparation of Proceedings, Answers to Parliamentary questions

B) Academic In Charge of Fruit Science Dept in 2016

- Preparation of Departmental Accreditation Report and Progress Report
- Preparation of agenda reports for BoS and RAC for Fruit Science
- Preparing Intake Capacity for PG admissions in Fruit Science
- Upgrading the website of Fruit Science Department
- Preparation of Educational Charts

Publications in a Nut Shell

Sr. No.	Type	Number
1	Research Papers Published in International Journal	58
2	ISBN Books Edited	03
3	Book Chapters with ISSN/ISBN Number	23
4	University Publications	05

5	Proceedings of Seminars/Conferences/Symposia/Workshops	11
6	University Reports, Compiled and Edited	07
7	Lead Papers Published in Proceedings of International Symposium/Conferences	03
8	Lead Papers Published in Proceedings of International Symposium/Conferences	14
9	Popular Articles Published	37

Teaching

Courses Taught at UG Level

Sr. No.	Course Code	Course Title	Credits
1	VEG 3.1	Temperate Vegetables	1 + 1
2	VEG 2.1	Tropical and Subtropical Vegetables	1 + 1
3	FRT 2.1	Plant Propagation and Nursery Management	2 + 1
4	FRT 3.4	Temperate Fruits	1 + 1
5	FRT 4.9	Breeding of Fruit and Plantation Crops	2 + 1

Courses Taught at PG Level

Sr. No.	Course Code	Course Title	Credits
1	HORT 602	Principles of Vegetable Production	2 + 1
2	HORT 708	Advances in Vegetable Production	2 + 1
3	VSC 501	Production Technology of Cool Season Vegetable Crops	2 + 1
4	VSC 603	Protected Cultivation of Vegetable Crops	1 + 1
5	FSC 503	Biodiversity and Conservation of Fruit Crops	2 + 1
6	FSC 506	Breeding of Fruit Crops	2 + 1
7	FSC 601	Advances in Breeding of Fruit Crops	2 + 1
8	FSC 606	Systematics of Fruit Crops	2 + 1
9	FSC 511	Protected Cultivation of Fruit Crops	1 + 1

Life Membership of Professional Societies

- Horticultural Society of Gujarat, Navsari
- Horticultural Society of India, New Delhi
- Society for Promotion of Horticulture, Bengaluru
- The Gujarat Association for Agricultural Sciences, Ahmedabad
- Confederation of Horticulture Associations of India
- Society for Advancement of Human and Nature, Solan

Editorial Boards

- Subject Matter Editor for Indian Farmer a monthly magazine (2015-2017)
- Editorial Board of Gujarat Agricultural Universities Research Journal (2018-19)

Other Responsibilities

- Joint Secretary in the Horticultural Society of Gujarat, Navsari
- Joint Secretary for the Alumini Association of ASPEE College of Horticulture and Forestry, NAU, Navsari

Membership in University Level Committees

- Horticulture Research Sub-Committee
- Forestry Research Sub-Committee
- NRM Research Sub-Committee
- PG Board of Studies
- Biodiversity Committee
- Planning and Development Committee
- Convocation Committee

Publications

(A) Research Papers Published in International Journals: 58

Ahlawat, T. R.; Bhalala, M. K. and Kathiria, K. B. (2004-05). Combining ability analysis in okra [*Abelmoschus esculentus* (L.) Moench]. *Guj. J. Applied Hort.*, 4&5 (1-2): 32-43.

Ahlawat, T. R.; Bhalala, M. K. and Kathiria, K. B. (2004-05). Heterosis studies in okra [*Abelmoschus esculentus* (L.) Moench]. *Guj. J. Applied Hort.*, 4&5 (1-2): 54-65.

Delvadia, D. V.; **Ahlawat, T. R.;** Chovatia, R. S. and Barad, A. V. (2008). Performance of banana cultivars in Gujarat. *J. Hort. Sci.*, 3 (2): 166-168.

Malam, V. R.; Singh, S. P.; **Ahlawat, T. R.;** Mathukia, R. K. and Giriraj Jat (2008). Effect of bulb size on growth, flowering and production in tuberose (*Polianthes tuberosa* Linn.) cultivar Double. *Orissa J. Hort.*, 36 (2): 16-19.

Delvadia, D. V.; **Ahlawat, T. R.** and Meena, B. J. (2009). Effect of different GA₃ concentration and frequency on growth, flowering and yield of Gaillardia (*Gaillardia pulchella* Foug.) cv. Lorenziana. *J. Hort. Sci.*, 4(1): 81-84.

Singh, Virendra; Dashora, L. K.; Karetha, K. M.; **Ahlawat, T. R.** and Barad, A. V. (2009). Growth, flowering, fruiting and yield of guava (*Psidium guajava* L.) cv. Sardar grown under high density planting system as influenced by various organic and inorganic sources. *The Asian J. Hort.*, 3 (2): 382-385.

Chovatia, R. S.; **Ahlawat, T. R.;** Mepa, S. V. and Giriraj Jat (2010). Response of cowpea (*Vigna unguiculata* L.) Cv. Guj-4 to the foliar application of plant growth regulating chemicals. *Veg. Sci.*, 37 (2): 196-198.

- Chovatia, R.S.; **Ahlawat, T.R.**; Kavathia, Y. A.; Jivani, L.L. and Kaila, D.C. (2010). Effect of plant growth regulators on vegetative growth, flowering and yield of bitter gourd cv. Priya. *Ind. J. Hort.*, 67 (Special Issue): 254-258.
- Malam, V.R.; Singh, S.P.; **Ahlawat, T.R.**; Mathukia, R.K. and Giriraj Jat (2010). Effect of spacing and crop duration on growth, flowering and bulb production in tuberose (*Polianthes tuberosa* L.) cv. Double. *J. Hort. Sci.*, 5 (2): 134-137.
- Delvadia, D. V.; Varu, D. K.; Chovatia, R. S. and **Ahlawat, T. R.** (2011). Study on adaptability of fertigation system in coconut cv. D x T. *GAU Res. J.*, 36 (2): 112-116.
- Ahlawat, T.R.**; Barad, A. V. and Giriraj Jat (2012). Evaluation of gerbera cultivars under naturally ventilated polyhouse. *Ind. J. Hort.*, 69 (4): 606-608.
- Trivedi, Y.V.; Patel, N. L.; **Ahlawat, T.R.**, Gaikwad, S.S. and Bhalerao, P.P. (2012). Impact of organic manures and inorganic fertilizers on growth, yield, nutrient uptake and soil nutrient status in guava. *Ind. J. Hort.*, 69 (4): 501-506.
- Parolekar, S. S., Chawla, S. L., **Ahlawat, T. R.**, Baghele, R. D. and Gurjar, R. A. (2012). Response of biofertilizers and their combination with different levels of chemical fertilizers on Tuberose (*Polianthes tuberosa* L.) cv. Prajwal. *J. Orna. Hort.*, 15 (3 & 4): 227-232.
- Jat, Giriraj; Delvadia, D. V. and **Ahlawat, T. R.** (2013). Comparative performance of tomato hybrids under partially and fully controlled polyhouse in Saurashtra region of Gujarat. *Green Farming*, 4 (4): 461-463.
- Gonge, A. P., Patel, N. L., **Ahlawat, T. R.** and Patil, S. J. (2013). Effect of maturity and storage temperature on shelf life and quality of banana cv. Grand Naine. *J. Hort. Sci.*, 8(1): 95-98.
- Gonge, A. P., Patel, N. L., **Ahlawat, T. R.** and Patil, S. J. (2014). Influence of harvesting maturity and low temperature storage on shelf life and physico-chemical quality of banana cv. Grand Naine. *Ind. J. Hort.*, 71(3): 441-445.
- Kapadiya, D.B., Chawla, S.L., Patel, A.I. and **Ahlawat, T.R.** (2014). Exploitation of variability through mutagenesis in chrysanthemum (*Chrysanthemum morifolium* Ramat). Var. Maghi. *The Bioscan*, 9(4): 1799-1804.
- Patel, Krishna, Patel, N. B., **Ahlawat, T. R.**, Patel, A. I., Hetal Rathod and Dharmishta Patel (2014). Study on Genetic Diversity in Brinjal (*Solanum melongena* L.). *Trends in Biosciences*, 7 (19): 2969-2971.
- Patel, B. B., Chawla, S. L. and **Ahlawat, T. R.** (2014). Effect of irrigation levels and mulching on growth and yield of tuberose (*Polianthes tuberosa* L.). *Green Farming*. 5(2): 114-116.
- Rymbai, H.; Patel, C.R.; Chaudhry, K.N.; **Ahlawat, T.R.** and Patel, N. L. (2014). Back-Crossing of Superior Hybrids 'Sonpari' and 'Neelphonso' with 'Alphonso' Mango (*Mangifera indica* L.). *Journal of Tree Sciences*, 33 (1): 1-6.
- Krishna Patel; Patel, N.B.; **Ahlawat, T. R.**; Patel, A. I.; Hetal Rathod and Dharmishta Patel (2014). Study on Genetic Diversity in Brinjal (*Solanum melongena* L.). *Trends in Biosciences*, 7(19): 2969-2971.
- Makhwana R.J., Singh A., **Ahlawat, T.R.** and Neelima P. (2015). Standardization of low temperature storage technology with novel packaging techniques in rose cut flower cv. Passion. *HortFlora Res. Spectrum*, 4(1): 44-47

- Tekale, G.S., **Ahlawat, T.R.**, Patel, N.G., Patel, R.P. and Jarande, S.D. (2015). Effect of packaging and low temperature storage on the postharvest quality of okra cv. VNR Green. *Green Farming*, 6(2): 388-391.
- Ghadage, V.R., **Ahlawat, T.R.** and Alka Singh (2015). Effect of pre and post blooming spray of GA₃, NAA and Ethrel on flowering, fruiting and yield of cashew (*Anacardium occidentale*) cv. Vengurla 4 grown under South Gujarat conditions. *Ecology, Environment and Conservation*, 21 (Suppl.): S405- S409.
- Rymbai, H., Patel, C.R., Chaudhary, 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 parents in mango. *Indian J. Hort.*, 72 (2): 157-161.
- Rymbai, H., Patel, C.R., Chaudhary, K.N., **Ahlawat, T.R.** and Patel, N.L. (2015). Compatibility of Alphonso pollens with its superior hybrids Sonpari and Neelphonso as female parents in mango (*Mangifera indica* L.). *Prog. Hort.*, 47 (2): 203-207.
- Rymbai H., Patel, C.R., **Ahlawat, T.R.** and Patel, N.L. (2015). Studies on fruit and yield traits in indigenous coloured varieties of mango (*Mangifera indica* L.) in South Gujarat, India. *J. Hort. Sci.*, 10(1): 94-98.
- Sahare, H.A., Alka Singh and **Ahlawat, Timur** (2015). Effect of pre storage treatments, package films and cold storage on flower quality and chilling injury in tuberose (*Polianthes tuberosa* L.) cut spikes cv. Prajwal. *The Bioscan*, 10(2): 695-698.
- Tatte Sumathi, Alka Singh and **Ahlawat, T.R.** (2015). Effect of polyamines and postharvest quality and vase life of rose cv. Samurai. *The Bioscan*, 10(2): 675-678.
- Patel, Priyanka, Saravaiya, S.N., **Ahlawat, T.R.** and Patel, N.B. (2015). Effect of decapitation and PGRS on parameters of plant growth analysis of cluster bean (*Cyamopsis tetragonoloba* Taub.) cv. Pusa Navbahar. *Multilogic in Science*, 5(13): 155-159.
- Patel, Priyanka, Saravaiya, S.N., **Ahlawat, T.R.**, Joshi, V.M. and Nishtha Patel (2015). Effect of decapitation and PGRS on growth and seed yield of cluster bean (*Cyamopsis tetragonoloba* Taub.) cv. Pusa Navbahar. *Trends in Biosciences*, 8(11): 2872-2874.
- Jadhav, P.B., Padhiar, B.V., **Ahlawat, T.R.** and Chavan, S. M. (2015). Record of Peacock: As a pest in papaya (*Carica papaya*) in South Gujarat. *International Journal of Current Research*, 7 (8): 19258-19259.
- Tiwari, J.N., Sanjeev Kumar, **T.R. Ahlawat**, Akhilesh Kumar and Nishtha Patel (2015). Heterosis for yield and its components in okra [*Abelmoschus esculentus* (L.) Moench]. *The Asian Journal of Horticulture*, 10(2): 201-206.
- Vaidehi Patel; **T R Ahlawat** and Alka Singh (2015). Storability of fenugreek (*Trigonella foenum graecum* L.) as influenced by Trimming, Packaging and Low Temperature. *Current Plant Science*, 1(1): 32-38.
- Kapane, J P; Alka Singh; **T R Ahlawat** and Mangave B D (2015). Influence of growing media and gibberellic acid on plant growth, biochemical constituents and flower quality of anthurium (*Anthurium adreanum* L.) cv. Tropical Red. *Current Plant Science*, 1(1): 1-7.
- Ghadage, V.R., **Ahlawat, T. R.**, Chawla, S. L., Shah, N. I. and Ghadage, Nitesh (2016). Effect of plant growth regulators on flowering behavior of cashew CV. Vengurla-4 grown in hilly tracts of South Gujarat. *Journal of Applied and Natural Science*, 8(1): 23-27.

- Jadhav, P.B., Padhiar, B. V., Bhor, R. A., **Ahlawat, T. R.** and Senapati, A. K. (2016). Effect of fertigation, split and mulching on N, P and K contents (%) in leaf of Papaya cv. Taiwan 786 under South Gujarat conditions. *Int. J. Curr. Res.*, 8(03): 27094-27097.
- Gavri Chaudhri, **Ahlawat, T.R.**, Saravaiya, S.N., Bhamini Parekh and Patel, R.J. (2016). Effect of putrescine on the biochemical quality attributes of mango (*Mangifera indica*) cv. Kesar. *Eco. Env. & Cons.*, 22 (Suppl.): S181- S186.
- Tekale, G.S., **Ahlawat, T.R.**, Chawla, S.L., Pandit, P.S. and Patel, R.P. (2016). Effect of packaging and storage temperature on shelf life of okra pods. *Ind. J. Hort.*, 73(1): 145-148.
- Ugale Hemant, Alka Singh and **Ahlawat, T.R.** (2016). Standardization of dehydration technique for greenhouse cut rose var. Shakira. *Ind. J. Hort.*, 73(1): 99-103.
- Tiwari, J.N., Sanjeev Kumar and **Ahlawat, T.R.** (2016). Combining ability studies for various horticultural traits in okra [*Abelmoschus esculentus* (L.) Moench] under South Gujarat conditions. *J. Farm Sci.*, 29(1): 53-56.
- Babu, M.R.V., **Ahlawat, T.R.**, Alka Singh, J. Ravi Kanth and G. Narayana Swamy (2016). Effect of polyamines on fruit retention and yield of mango (*Mangifera indica* L.) cv. Kesar. *The Bioscan*, 11(1): 211-213.
- Patel, Trupti, Alka Singh, **Ahlawat, T.R.** and Kapadiya, D.B. (2016). Effect of different polyfilms and storage temperature on post harvest quality of gerbera (*Gerbera jamesonii*) cv. 'Svana Red'. *The Bioscan*, 11(1): 197-199.
- Patel, R.J., **Ahlawat, T.R.**, Alka Singh, Momin, S.K. and Gavri Chaudhri (2016). Effect of pre-sowing treatments on stone germination and shoot growth of mango (*Mangifera indica*) seedlings. *Int. J. Agric Sci.*, 8(52): 2437-2440.
- Tatte Sumathi, Alka Singh and **Ahlawat, T.R.** (2016). Effect of polyamines and natural growth substances on the growth and flowering of rose (*Rosa hybrida*) cv. Samurai under protected conditions. *Journal of Applied and Natural Science*, 8(3): 1317-1320.
- Gavri Chaudhri, **Ahlawat, T.R.**, Alka Singh, Patel, C.R. and Amarcholi, J.J. (2016). Putrescine improves shelf life and quality of mango (*Mangifera indica*) fruits cv. Kesar. *Int. J. Agric Sci.*, 8(55): 2995-2999.
- Gohil, C.H., **Ahlawat, T.R.** and Gohil, J.H. (2016). Effect of maturity levels and spermine on organoleptic qualities of papaya cv. Red Lady Taiwan during low temperature storage. *Trends in Biosciences*, 9(4): 269-271.
- Patel, B.B., **Ahlawat, T.R.**, Bhanderi, D.R., Ghadage, N.J. and Hiray, S.A. (2016). Effect of potassium and magnesium on vegetative growth and bunch weight of banana cv. Grand Naine under South Gujarat conditions, *India. Eco., Env. & Cons.*, 22: S113-S118.
- Chaudhary, U.C., Alka Singh, **Ahlawat, T.R.** and Neelima Palagani (2016). Influence of nitrogen on growth parameters and leaf nutrient composition of rose cv. Samurai under protected conditions. *The Bioscan*, 11(3): 1377-1380.
- Patel, R.J., **Ahlawat, T.R.**, Patel, A.I., Amarcholi, J.J., Patel, B.B. and Kapil Sharma (2017). Growth of mango rootstocks as influenced by pre-sowing treatments. *Journal of Applied and Natural Science*, 9(1): 582-586.
- Patel, B.B., **Ahlawat, T.R.** and Bhavesh B. Patel (2017). Effect of potash fertilizers and magnesium on quality of banana (*Musa paradisiaca* L.) cv. Grand Naine. *Int. J. Chem. Stud.*, (4): 1586-1591.

- Dishaben K Patel, Chawla, S.L., **Ahlawat, T.R.**, Sudha Patil and Patel, M.A. (2017). Effect of nitrogen and phosphorus on growth, flowering and yield of bird of paradise (*Strelitzia reginae*) under shade net. *Int. J. Chem. Stud.*, (4): 1498-1500.
- Patel, R.J., **Ahlawat, T.R.**, Patel, C.R., Kirti Bardhan and Amarcholi, J.J. (2017). An interaction study between pre-sowing treatments and duration of soaking in mango (*Mangifera indica* L.) stones. *Multilogic in Science*, 7(24): 41-43.
- Rahmani, N., **Ahlawat, T.R.**, Kumar, S and Mohmmadi, N.K. (2017). Improving productivity in Mango (*Mangifera indica* L.) cv. Kesar through foliar sprays of silicon and salicylic acid. *International Journal of Chemical Studies*, 5(6): 1440-1443.
- Kapadiya, D.B., Alka Singh, Bhandari, A.J. and **Ahlawat, T. R.** (2017). Effect of plant growth enhancing substances on plant architecture of Euphorbia milii var. 'Pink Bold Beauty'. *Journal of Pharmacognosy and Phytochemistry*, 6(6): 742-748
- Patel, R.P., **Ahlawat, T.R.**, Tekale, G.S. and Dharmishtha Patel (2017). Effect of modified atmospheric packaging on the shelf life and quality of bell pepper (*Capsicum annum* L.) Cv. Indra. *Int. J. Agric Sci.*, 9(55): 4950-4954.
- Jadeja Radhika, Singh Alka, **Ahlawat, T.R.**, Baghale, R.D. and Chawla, S.L. (2017). Effect of various chemicals as vase solutions on postharvest flower quality parameters in tuberose (*Polianthes tuberosa*) cuts pikes. *Prog. Hort.*, 49(1): 79-85
- Sumathi Tatte, Chawla, S.L., **Ahlawat, T.R.**, Sudha Patil and Gurjar, R.A. (2018). Effect of media and foliar spray of primary nutrients (NPK) on growth and yield of Anthurium (*Anthurium andreanum*) var. Tropical under greenhouse. *Indian J. Agric. Sci.*, 88(9): 1403-6

(B) Books Edited: 03

- Patel, N.L., Chawla, S.L., **Ahlawat, T.R.** (2016). *Commercial Horticulture*. New India Publishing Agency, New Delhi (ISBN No. 978-93-85516-23-8).
- Patel, N. L., **Ahlawat, T.R.** and Alka Singh (2016). *Handbook of Urban and Periurban Horticulture*, Ambica Book Agency, Jaipur (ISBN No. 818711807-5).
- Ghosh, S.N., Tarai, R. K. and Ahlawat, T. R. (2019). *Plant Growth Regulators in Tropical and Subtropical Fruit Crops*, Jaya Publishing House, New Delhi (ISBN No. 978-93-88668-00-2)

(C) Book Chapters with ISSN/ISBN Number: 23

- Patel, N.L.; **Ahlawat, T.R.**; Shah, N.I., Patel, C.R.; Tarai, R.K. and Ghosh, S.N. (2014). Mango. **In:** *Tropical and Subtropical Fruit Crops: Crop Improvement and Varietal Wealth*, S. N. Ghosh (Ed.), Jaya Publishing House, New Delhi, pp. 433-484. (ISBN: 978-93-82471-97-4).
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Students Guided in Fruit Science Discipline

(A) Doctoral Students: 05

Sr. No.	Registration No.	Name of PG Students
1	04-1071-2011	Ghadage Vishal Ramchandra
2	04-1332-2012	Gohil Jigarkumar Hemrajbhai
3	1020213007	Patel Bijalkumar Bharatbhai
4	04-1326-2012	Chaudhary Abhijit Dhanraj
5	1020216007	Patel Dharmishthaben Mukeshbhai

(B) M.Sc. Students: 09

Sr. No.	Registration No.	Name of PG Students
1	04-0583-2009	Tekale Ganesh Shivaji
2	04-580-2009	Patel Rajankumar Pankajbhai
3	04-0869-2010	Vaidehi Vijaybhai Patel
4	04-0879-2010	Shinde Siddhanath Rakhamajee
5	04-1338-2012	Ravi Venkanna Babu
6	2020213006	Chaudhri Gavriben Vastabhai
7	2020213035	Patel Ronakbhai Jayantilal
8	2020215012	Chaudhri Ashaben Mashrubhai
9	2020215032	Rahmani Noorullah

Students Co-Guided in Fruit Science Discipline

(A) Doctoral Students: 04

Sr. No.	Registration No.	Name of PG Students
1	1020214004	Chavan Sachin Keshav

2	1020214009	Kapadiya Dhruv Bhailal
3	1020213011	Tatte Sumathi
4	2020214011	Patel Krishna Dhirajlal

(B) M. Sc. Students: 12

Sr. No.	Registration No.	Name of PG Students
1	2020213009	Gadhiya Ankitkumar Devrajbhai
2	2020213011	Gamit Urvashikumari RohitBhai
3	2020213013	Jay Narayan Tiwari
4	2020213015	Kalariya Vijaysinh Dhanjibhai
5	2020213018	Mistry Riddhi Atulbhai
6	2020213034	Patel Priyankakumari Naradbhai
7	2020213041	Roshni Agnihotri
8	2020214039	Solanki Bijalben Pramodbhai
9	2020215009	Chaudhari Lavbhai Bhagubhai
10	2020215028	Lathiya Jasminkumar Bharatbhai
11	2020215041	Patel Dishaben Kishor
12	2020215046	Patel Urvi Thakorbhai

Committee Member for PG Students: 09

Sr. No.	Registration No.	Name of PG Students
1	2020213017	Maggidi Spandana
2	2020213030	Patel Kalindi Sureshbhai
3	2020215043	Patel Manoliben Rajendrakumar
4	2020214033	Rathva Kajalben Kesarsinh
5	2020214026	Patel Apekshababen Gunvantbhai
6	2020214017	Jnyana Ranjan Digal
7	2020217025	Patel Twinkle Ashokbhai
8	2020217030	Rathod Khusbuben Dhirubhai

Capacity Building Programs

(A) Winter/Summer Schools Attended

1. Winter School on "Hybrid Seed Production of Vegetable Crops" organized by Indian Institute of Vegetable Research, Varanasi from December 04-24, 2007.
2. Winter School on "Hi-Tech Production of Tropical Fruits" organized by Central Institute for Subtropical Horticulture from December 04-24, 2008.

3. Winter School on “Recent Advances in Breeding Approaches and Varietal Development of Perennial Horticultural Crops” organized by Division of Fruits and Horticultural Technology, IARI, New Delhi from January 12 to February 01, 2017.

(B) Short Courses Attended

1. Two days training program on “Good Agricultural Practices” organized by Michigan State University and Maharashtra State Agricultural Marketing Board at Talegaon-Dabhade, Pune from January 16-17, 2006.
2. Five days training program on “Advanced Production Technologies in Horticultural Crops” organized by Centre of Excellence for Training, DEE, Junagadh Agricultural University from January 9-12, 2007.
3. Two days training on “Departmental Proceedings” organized by Sardar Patel Institute of Public Administration at Ahmedabad from April 22-24, 2015.
4. One day Training and Awareness Workshop on “J-GATE@CeRA” organized by NAU, Navsari, CeRA and Informatic Publishing, Bangalore on October 8, 2016.

(C) Winter School Organized

1. Winter School on “Current Trends in Commercial Horticulture” from December 1-21, 2013 as Course Co-Director.

(D) Short Courses Organized

1. Fifteen days Skill Development Course on “Secondary Agriculture” from March 20-April 3, 2019 as Course Co-ordinator.

Organizational Skills

(I) Organizing Seminar/Workshop/Conference

- National Seminar on “Tropical and Subtropical Fruits” organized during January 9-11, 2013 at Navsari Agricultural University, Navsari as **Organizing Secretary**.
- National Workshop on “Urban and Periurban Horticulture” organized on December 21, 2013 at Navsari Agricultural University, Navsari as **Organizing Secretary**.
- Global Conference on “Technological Challenges and Human Resources for Climate Smart Horticulture-Issues and Strategies” organized during May 28-31, 2014 at Navsari Agricultural University, Navsari as **Joint Organizing Secretary**.
- National Workshop on “Pesticide Residue Management and Techniques for Food Safety and Security: organized during February 25-26, 2019 at Navsari Agricultural University, Navsari as **Organizing Secretary**.

(II) Chairman/Co-chairman/Convener in Committees constituted for Organizing Events

- **Chairman of Technical Sessions Committee** of National Seminar on Tropical and Subtropical Fruits organized during January 9-11, 2013 at Navsari Agricultural University, Navsari.
- **Co-Chairman of Printing Committee** of Global Conference on Technological Challenges and Human Resources for Climate Smart Horticulture-Issues and Strategies organized during May 28-31, 2014 at Navsari Agricultural University, Navsari.
- **Chairman of Technical Sessions Committee** of Global Conference on Technological Challenges and Human Resources for Climate Smart Horticulture-Issues and Strategies organized during May 28-31, 2014 at Navsari Agricultural University, Navsari.
- **Chair Person of the Technical Sessions Committee** of National Workshop on Urban and Periurban Horticulture organized on December 21, 2013 at Navsari Agricultural University, Navsari.
- **Co-Chairman of the Press and Media Committee** of National Workshop on Urban and Periurban Horticulture organized on December 21, 2013 at Navsari Agricultural University, Navsari.
- **Chairman of Technical-cum-Interactive committee** constituted for State Horti Fair Sangam organized by NAU, Navsari and NHB New Delhi on 5-6th June, 2016 at Navsari
- **Convener of the Program Committee** of the Skill Development Course on Secondary Agriculture organized from March 20 to April 3, 2019 at Navsari Agricultural University, Navsari.
- **Convener of the Invitation Committee** of the Skill Development Course on Secondary Agriculture organized from March 20 to April 3, 2019 at Navsari Agricultural University, Navsari.
- **Convener of the Publication Committee** of the Skill Development Course on Secondary Agriculture organized from March 20 to April 3, 2019 at Navsari Agricultural University, Navsari.
- **Convener of the Invitation Committee** of the National Workshop on “Pesticide Residue Management and Techniques for Food Safety and Security: organized during February 25-26, 2019 at Navsari Agricultural University, Navsari.
- **Convener of the Publication Committee** of the National Workshop on “Pesticide Residue Management and Techniques for Food Safety and Security: organized during February 25-26, 2019 at Navsari Agricultural University, Navsari.

Glimpse of my work



Brain Storming for Horticulture Development in Gujarat, August 5-6, 2013 at NAU, Navsari



National Seminar on Tropical and Subtropical Fruits, January 9-11, 2013 at NAU, Navsari



National Workshop on Urban and Periurban Horticulture, December 21, 2013

Glimpse of my work



Winter School on "Current Trends in Commercial Horticulture", December 1-21, 2013, NAU, Navsari



National Workshop on Pesticide Residues, February 25-26, 2019, NAU, Navsari



Skill Development Course on Secondary Agriculture, March 21- April 5, 2019, NAU, Navsari