**Dr. Yoshik Trivedi,** Male, 42 Years

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EDEN X-608, Godrej Garden City, Behind Nirma University, Off S G Highway, Jagatpur, Ahmedabad

**Professional History**

**Cadila Pharmaceutical Limited, Ahmedabad, Gujarat as a Head – Horticulture from Mar’22 to continue |**

**Duration: 1 Year & 1 month |**

**Brief:** Designing & execution of Landscape Garden, farm management including Green House & Net House cultivation of various exotic vegetables, herbs etc., management of Hydroponic unit, Animal Husbandry & Mushroom Cultivation etc. Conceptualization of Horticulture based research projects as per the need of organization etc.

**Pidilite Industries Ltd, Ahmedabad, Gujarat as Senior Scientist from Dec’ 2014 to Feb’22 | Duration: 8 Years & 2 Months |**

**Brief:** Conceptualization, initiation, planning and coordination for Horticulture/Agro and Rural Development Activities under social initiative for Pidilite Industries Ltd. Planning site selection for establishment of Centre of Excellence/Horticulture Research and Development institute and activity planning, planning of green house, Institute and activity planning Planning for Green House, Net House, Demonstration Plots, Coordination and interaction with Research Institutions like DOGR, CFTRI, IIHR, State Agriculture Universities, State Government Departments and GGRC etc. for tie up, know how for proposed Horticulture/Agriculture projects considering local climate, irrigation water, soil properties etc.

**Cotton Connect, Ahmedabad, Gujarat as Extension Officer from Mar’ 2014 to Sep’ 2014 | Duration: 6 Months |**

Brief: Implementation of Organic cotton projects, actively engaged with the project activities, monitoring, evaluation, preparation of IEC materials, training of staff and farmers etc. Conducting Bt test for organic cotton integrity.

**Department of Horticulture, Gandhinagar, Gujarat as Subject Matter Specialist from July’ 2013 to Mar’ 2014 | Duration: 8 Months |**

**Brief:** As a Subject Matter Specialist, and engaged in projects and schemes run by Department of Horticulture like National Horticulture Mission and carried out related projects.

**Shroffs Foundation , Vadodara, Gujarat as Senior Coordinator from Aug’ 2010 to Sep’ 2011 | Duration: 1 Year & 1 Month**

**Brief:** Impact assessment studies, (Agriculture/Horticulture/agricultural mechanization/Animal husbandry) and guiding technically agriculture parts of the Orsang river basin management project. Actively engaged in the project of establishment of Agriculture Information Centre at Chhotaudepur.

**Lok Sewa Trust, Vansda, Dist- Navsari, Gujarat as Program Coordinator from Apr’ 2010 to Aug’ 2010 | Duration: 3 Months |**

**Brief:** Conducting need based research studies, preparing agricultural/ horticultural project proposals, monitoring agricultural/horticultural projects, impact assessment studies, handling wadi projects and RKYY projects for South Gujarat (Tapi, Navsari, Valsad and the Dang districts) as program coordinator (Horticulture).

**Prakash Agriculture Works, Godhara, Gujarat as Consultant from May’ 2009 to Apr’ 2010 | Duration: 11 Months |**

**Brief:** Consultant (Horticulture) for fruits and vegetable drying machineries design and development and their quality management, post-harvest management organic farming etc.

**Navsari Agricultural University, Navsari, Gujarat as Research Scholar from Nov’ 2004 to May’ 2009 | Duration: 4 years & 6 Months |**

**Brief:** Independent extensive research on organic farming of Guava in the regional Horticultural Research Station Navsari Agricultural University Navsari.

**Navsari Agricultural University, Navsari, Gujarat as Research Scholar from Nov’ 2001 to Oct’ 2003 | Duration: 1 years & 11 Months |**

**Brief:** Independent research on post-harvest management of Guava in the Department of Horticulture, N M College of Agriculture, Navsari Agricultural University, Navsari.

During above assignments following MoUs with various organisation were also carried out for collaborative working.

* MoU with Junagadh Agricultural University to strengthen Extension and collaborative activities for development of coconut and other fruit crops in Mahuva region.
* MoU with National Horticulture Research & Development Foundation, New Delhi for issues related to onion farming from Variety selection, planting, integrated nutrient and pest diseases harvesting and storage.
* MoU with Department of Horticulture, Government of Gujarat for (a) establishing Agriculture Horticulture Centre for inducting latest agriculture practices (b) adoption of packages of various horticultural crops (c) upgradation of nurseries of Department of Horticulture.
* MoU with Department of Agriculture for survey of soil testing laboratories and revamping of soil testing Laboratory at Mahuva. Study of I-Khedut Portal and suggestions to make the portal user friendly.
* Mou with Agricultural Technology Management Agency for opening Farmer Service Centre to provide single window one stop solutions for farmers and for strengthening extension activities in Mahuva taluka.
* MoU with Forest Department, Gujarat State for sustainable harvesting of Alovera for making value added products of Alovera.

Below are the summary of various projects those are carried out during entire professional tenure.

* Centre for Agriculture Project Proposal MoU
* Farm Development at Mal, Bhanavav and Upleta
* Coconut Extension activities: training Demonstration, Exposure visits
* Onion Initiative: Extension activities: training Demonstration, Exposure visits
* Tuber Crops: Yam, Casasava, sweet potato, arrowroot, elephant foot: Extension activities: training Demonstration, Exposure visits
* Date Palm Extension activities: variety introduction, training Demonstration, Exposure visits
* Cassava cultivation and processing and development of value added products
* Aloe vera Project: Tie up with Forest Department, procurement of machinery, product development and production
* Banana Fibre extraction: Project preparation Machinery Procurement and execution
* Coconut coir project: coconut waste utilization,
* Coconut value addition
* Plant growth promoter from Sea weed
* Trichoderma (biopesticide) unit
* Ginger garlic paste
* Coconut Neera Extraction
* Citrus cultivation Upleta
* Onion seed Production, Upleta
* Municipal Solid Waste Segregation and Compositing at Mahuva
* Afforestation Project in Mahuva Taluka

**Educational History**

* Ph.D in Horticulture from N. M. College of Agriculture of Navsari Agricultural University, Navsari, Gujarat from Nov-2004 to Dec-2009 with 75.30 %**|** Full time course
* M.Sc in Agriculture from N. M. College of Agriculture of Navsari Agricultural University, Navsari, Gujarat from Nov-2001 to July-2001 with 72.8 % | Full time course
* B.Sc in Agriculture from B A College of Agriculture of Gujarat Agricultural University, Anand, Gujarat from June-1997 to July-2001with 62.50 % | Full time course
* 12th Std from Shree Sansthan High school, Dakor of Gujarat Education Board, Gujarat from April-1996 to March-1997 with 47.07 % | Full time course
* 10th Std from Shree Sansthan High school, Dakor of Gujarat Education Board, Gujarat from April-1994 to March-1995 with 72.14 % | Full time course
* L.L.B from Bhagat & Sonawala Law College, Nadiad of Gujarat University, Gujarat from July-2012 to March-2015 with 57.7 % | Distance learning course
* M.Sc in Ecology & Environment from Sikkim Manipal University & Technology, Gangtok, Sikkim from April-2001to March-2003 with 70.30 % | Distance learning course
* MBA from Global Open University, Nagaland from July-2008 to June-2010 with 61.25 % | Distance learning course
* Diploma in Export- Import from Ahmedabad Management Association, Ahmedabad from Jan-2010 to July-2010 | Six months certificate course

**Research Undertaken**

Ph. D. Research Thesis: “Studies on the feasibility of organic farming in guava (*Psidium guajava L.*) cvs. Allahabad Safeda and Sardar”

Brief: Carried out extensive research on effect of different organic manures like FYM, castor cake, bio compost, vermi compost alone and in combination with bio fertilizers (Azotobactor + PSB) on growth, yield, quality, physic-chemical properties of soil including macro and micronutrients, leaf nutrient content (macro and micro nutrients), photosynthetic rate and soil respiration rate of both the guava varieties.

M. Sc. Agriculture Dissertation: “Efficacy of post-harvest treatments on shelf-life and quality of guava (*Psidium guajava L.*) cv. Sardar”

Brief: Carried out research on the effect of different post-harvest treatments like precooling, application of GA3, maleic hydrazide, wax-emulsion and chitosan (edible semi-permeable coating) and perforated and non- perforated polypropylene packaging on the shelf life and physico-chemical properties of Sardar guava.

M. Sc. Ecology & Environment Dissertation: “Energy plantation scenario in the state of Gujarat”

Brief: Studied increasing demand of fuel for cooking and heating purposes in the rural areas and its effect on the forest areas. With increasing populating and changing economic, social and cultural patterns the scare resources are further stressed and the overall effect is deforestation. Hence it is necessary to initiate the remedial measures; energy plantation is the best measure to overcome this problem. The energy requirements, its availability in rural context have been discussed.

Bio-chemistry: Assessed the biochemical parameters like TSS, Vitamin-C, reducing sugars, non-reducing sugars, total sugars, acidity and organoleptic rating of guava fruits

Soil Science : Investigated the effect of different organic manures on physical and chemical properties of soil.

Plant Physiology And Ecology: Analyzed the effect of different organic manures on photosynthetic rate and soil respiration rate of guava by LC-Pro+.

BT Testing : Analyzed cotton seeds, leaves, lint cotton for detection of BT genes by strip test and GUSS test.

Study on Mango Orchards: Evaluation and Recommendation for Improvement.

Effect of Maize Cobs Powder Based Concentrated Feed on Milk Production and Quality of Holstein Friesian and Gir Cows.

Survey for identification of Agricultural and Rural Development Potential of Farmers at Mahuva region in Gujarat

**Research Publications**

1. Effect of pre-cooling on shelf-life and quality of Guava (*Psidium guajava L.*) cv. L-49. Crop Protection and Production, July, 2005 vol. 2, issue 1: 21-24.
2. Efficacy of Post-harvest treatments on shelf-life and quality of Guava (*Psidium guajava L.*) cv.L-49. International Journal of Bioscience Reporter, December-2006 vol. 2, issue 2: 253- 257.
3. Effect of Polypropylene packaging on shelf-life and quality of Guava (*Psidium guajava L*.) cv. L-49. Crop Protection and Production, July, 2007, Vol., 4, issue 1: 24-26.
4. Effect of Post-harvest treatments on bio-chemical parameters of Guava (*Psidium guajava L*.) cv. L-49. International Journal of Bioscience Reporter, December-2007 vol. 5, issue 2: 517-520.
5. Feasibility of organic farming in guava (*Psidium guajava L*.) cultivars Allahabad Safeda and Sardar. State level seminar on Organic Farming-2010, Navsari, Gujarat, pp.188-190.
6. Impact of organic manures and inorganic fertilizers on growth, yield, nutrient uptake and soil nutrient status in guava. Indian Journal of Horticulture, 69 (4), December 2012: 501-

**Paper presentations**

1. Presented in 5th combined AGRESCO meeting of State Agricultural Universities held on 20-23 April, 2009 at Sardarkrushinagar Dantiwada Agricultural University, Dantiwada, Gujarat.
2. The farmers of South Gujarat, heavy rainfall zone-I, Agricultural Situation-III, desire to grow guava organically are advised to plant Sardar variety with the application of FYM at60 kg/tree (equal to 500 g Nitrogen/tree) along with biofertilizers 100 g/tree each of Azotobacter and PSB for getting higher net realization.

**Technical sessions**

Technical Sessions conducted on “Horticulture Production System” conducted at Sardar Patel Institute of Public Administration, SPIPA (Ahmedabad) during August 2011 to July2012 as a part of Basic Training Course for IWMP-Watershed conducted by State Institute of Rural Development (SIRD).

**Seminars, workshops & conferences attended**

1. Seminar on *Banana* held at Gujarat Agricultural University, Navsari on 6th September, 2003 under the aegis of Horticultural Society of Gujarat
2. Seminar on *Hi-Tech Horticultural Crops (special subject: Floriculture)* held at 21st January, 2006 at Navsari Agricultural University, Navsari
3. National Seminar on *Production, Processingof Aonla*. 21-23rd November, 2006 held at Ahmedabad
4. National Symposium on *Ornamental Bulbous Crops* held at Sardar Vallabh Bhai Patel University of Agricultureand Technology, Meerut (U.P.) on 5-6 December, 2006
5. *International School for Public Leadership* Workshop held at Navsari Agricultural University on 19th to 24th March, 2007
6. State level seminar on *“Organic Farming for Environment Safety and Agriculture Sustainability”* at Navsari Agricultural University, Navsari 5 & 6 March, 2010
7. Second Round Table Meet on *Climate Change, Agriculture, Sustainable Development, Consumption and Public leadership* organized by The Environmental and consumer Protection Foundation on 25th October, 2010 at, Mumbai – 400 056
8. Workshop on *Check Dams and Lift Irrigation for Engineers of NGOs* organized by N. M. Sadguru Foundation at Chosala, Dahod on 30th November, 2010 to 2nd December, 2011
9. Exposure Visit of Rukmavati River Basin Project (Vivekanad Research and Training Institute), Mandvi from 6th June 2011 to 11th June, 2011
10. Banana Fiber Training Cum Exposure Visit, Coimbatore, Tamil Nadu from 23rd June 2011 to 27th June, 2011 organized by Excel Crop Care Limited, Mumbai
11. A State Level Dialogue on Emerging concerns in Gujarat’s Agriculture organized by Bhoomiputra, Jatan and Indian Environmental Associated held at Vadodara on dated 21- 22nd July, 2011
12. Workshop *on Capacity Building and Project Formulation in Breed improvement and Good Quality Nutritious Fodder*organized by Krishi VigyanKendra, Anand Agricultural University, Dahod in Collaboration with CAPART, Ahmedabad dated 3rd December, 2011 to5th December, 2011
13. Training on “Value Addition of Tuber Crops” at Regional Research Station, Central Tuber Crop Research Institute, Bhubaneswar from 17th September, 2019 to 19th September, 2019
14. Training on “Prakritik Paint from Cow Dung” organized by Kumarappa National Handmade Paper Institute, Jaipur during 22nd February, 2021 to 26th February, 2021

**Personal Details**

* Date of Birth :16th August, 1980
* Languages Known : English, Hindi & Gujarati
* Marital status : Unmarried
* Nationality. : Indian