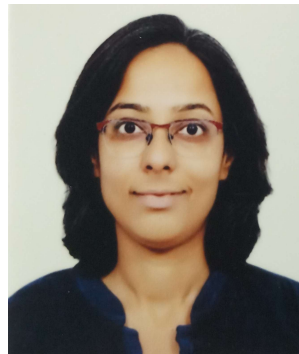


**M.N. College, Visnagar  
Staff Profile for Website  
Faculty in Botany**

**Dr. Nirali C. Vora**



**Designation:** Assistant Professor

**Qualification:** M.Sc., Ph.D.

**Research Interest:** Plant tissue culture, Plant Physiology, Environment Studies, Horticulture, Economic Botany

**Awards:**

1. Two Gold Medals for M.Sc.: Prof. J. J. Chinoy Medal and Shri C. K. Shah Medal (2006);
2. Awarded a special prize for a four day Lecture-cum-Demonstration programme on Transgenics (2007)
3. Awarded a second prize for a paper presentation entitled, “Somatic Embryogenesis of *Musa pardisiaca* Linn. var. Grand naine for high rate of Propagation” under Faculty category for a Seminar on Science Excellence-2014 (2014).

**E-mail ID:** mailtonirali@gmail.com

## **Staff Profile**

### **● Personal Details**

**Name:** Dr. Nirali Chittaranjan Vora

**Permanent Address:** 54, Paraskunj Society Part- 2, Manekbaug P.O.,  
Ahmedabad- 380015

**Date of Birth 29/04/1983**

**Sex:** Female

**E-mail ID:** mailtonirali@gmail.com

**Marital Status:** Unmarried

• **Office Details:**

**Subject :** Botany

**Designation :** Assistant Professor (G.E.S.Class-II)

**Category :** General

**Caste :** Vadnagara-nagar, Hindu

**Physical Handicapped:** No

**Pay Scale:** 68,900 – 110500/-

**Pay Band:** Matrix Level 11

**Date of Joining:** 19/09/2013

**Date of Appointment:** 17/09/2013

• **Academic Details:**

Degree	Passing Year	Board / University	Percentage
S.S.C.	1998	Guj. Sec. Edu. Board, Gandhinagar	71%
H.S.C.	2001	Guj. Higher Sec. Board, Gandhinagar	41.11
F.Y. B.Sc.	2002	Gujarat Uni.	61.8
S.Y. B.Sc.	2003	Gujarat Uni.	63
T.Y. B.Sc.	2004	Gujarat Uni.	68.9
M.Sc.	2006	Gujarat Uni.	65.22
Ph.D.	2011	Gujarat Uni	N.A.
CCC	2009	DOEACC Society	B (65%- 74%)
CCC+	2014	SPIPA, Ahmedabad	83
Hindi Ucchashreni	2014	GSEB, Gandhinagar	Qualified

• **University Recognition :**

Degree	University	Recognition Letter No.	Recognition Date
U.G.	Gujarat University	No. Academic/ Adhyapak/ 2/ 40738/ 2017	4/02/2017

• **Orientation/ Refresher/ Training Programmes :**

Sr. No.	Course	Title of the Course	Name of Academic Staff College/Organization	Duration	
				Date	Date
1	Orientation Programme	Orientation Programme	UGC-HRDC, Gujarat University, Ahmedabad	30-5-2016	26-6-2016
2	Refresher	Refresher Course	UGC-HRDC, Gujarat	29-5-2017	18-6-2017

	Course	in ICT (All Subjects)	University, Ahmedabad		
3	Refresher Course	Refresher Course in Environmental Studies (M.D.)	UGC-HRDC, Gujarat University, Ahmedabad	18-11-2019	1-12-2019
4	Refresher Course	Online Refresher Course in Environmental Education and Disaster Management	UGC-HRDC, Rani Durgawati University, Jabalpur, M.P.	13-09-2021	25-09-2021
5	Training	Online Certificate Course in IPR	Gujarat student start-up and Innovation Hub, Govt. of Gujarat	6-07-2020	14-09-2020
6	Training	Promotion of culture of Quality through research	KCG, Ahmedabad and Gujarat Commerce College	18-01-2014	20-01-2014
7	Training	Faculty Development Programme	KCG, Ahmedabad and Gujarat Commerce College	26-04-2015	3-05-2015
8	Training	Entrepreneurship Awareness Camp	Oakbrook and Gujarat Arts and Science College	20-10-2016	22-10-2016
9	Training	Training of Trainers on Remote Sensing and GIS: Fundamentals, Applications and Recent Trends	M.G. Science Institute and ISRO, Bangalore	21-11-2016	26-11-2016
10	Training	Forest Orientation	Forest Department, Govt. of Gujarat, Gandhinagar	21-12-2016	22-12-2016
11	Training	Faculty Development Programme	KCG, Ahmedabad	1-5-2017	6-5-2017
12	Training	Forest Orientation	Forest Department, Govt. of Gujarat, Gandhinagar	31-08-2017	1-09-2017
13	Training	Forest Orientation	Forest Department, Govt. of Gujarat, Gandhinagar	2-2-2018	3-02-2018
14	Training	Hands on Training on Bonsai	Guj. Uni. Botanical Society, Guj. Uni., Ahmedabad.	2/04/2018	-
15	Training	Organic &	MSME, Govt. of India	2-3-2019	3-3-2019

		Hydroponic Farming			
16	Training	Online FDP on Ayurveda	KCG, Ahmedabad	31/05/2021	10/06/2021
17	Training	Urban Horticulture	Horticulture Board, Gujarat State, Gandhinagar	30-12-2022	-

• **Participation in Seminars/ Workshops/ Conferences :**

Sr. No.	Title/Subject	Organizer/Sponsor	Status (State/National/International)	Date and Place
1.	Impact of Environmental Hazards on Biota	International Society for Research on Civilization Diseases and on Environment (ISRCDE)	State	4-12-2004, Ahmedabad
2.	Botany: Meeting the Challenges & Generating Interest Among the Masses	Botany Department, Uni. School of Sciences, Gujarat University	State	4-02-2006, Ahmedabad
3.	Fruitful Home Gardening	Guj. Uni. Botanical Society, Botany Department, Guj. Uni.	State	6-02-2007
4.	Lec-Dem on Transgenics	Guj. Uni. Botanical Society, Botany Department, Guj. Uni.	State	17 <sup>th</sup> to 20 <sup>th</sup> Feb., 2007, Ahmedabad
5.	Spring Training in Plant Identification and Nomenclature	Guj. Uni. Botanical Society, Botany Department, Guj. Uni.	State	28 <sup>th</sup> to 30 <sup>th</sup> March, 2007
6.	Bioinformatics: Leads in Gujarat-2008	Applied Botany Center, Gujarat University	State	15-03-2008, Ahmedabad
7.	Intellectual Property Right	GUJCOST- IPR Cell, Guj. Uni. And Guj. Uni. Botanical Society (GUBS)	State	13-12-08, Ahmedabad
8.	Plant Improvement through Biotechnology and Mutational Breeding (PBMB-2009)	Department of Botany, USSC, Guj. Uni., Ahmedabad	State	20 <sup>th</sup> to 24 <sup>th</sup> Jan, 2009, Ahmedabad
9.	Scouting Documentation and Dissemination of Grassroot	Department of Botany, Uni. School of Sciences, Guj. Uni., Ahmedabad and National Innovation Foundation,	State	16-07-2009, Ahmedabad

	Innovations and Traditional Knowledge	Ahmedabad		
10.	Student Project Convention- 2009	University School of Sciences, Gujarat University, Ahmedabad	State	3-10-2009, Ahmedabad
11.	XXIV- Gujarat Science Congress 2010	Gujarat University and Gujarat Science Academy	State	31-03-2010, Ahmedabad
12.	Evolving Paradigm to improve productivity from Dynamic Management and value addition to Plant Genetic Resources	Department of Botany, Gujarat University	National	13th to 15 <sup>th</sup> Oct., 2011, Ahmedabad
13.	XXXIII PTCA (I) Annual Meet	St. Xavier's College	National	19 <sup>th</sup> -21 <sup>st</sup> Jan., 2012, Ahmedabad
14.	Science Excellence-2014	Gujarat University	State	4-01-2014, Ahmedabad
15.	Biological Sciences and Current Day trends in teaching and Research	Department of Biology, Gujarat Arts and Science College, Ahmedabad	National	17-09-2016, Ahmedabad
16.	Emerging Trends and Advances in Chemistry	Gujarat Arts and Science College, Ahmedabad and GUJCOST	State	11-02-2017, Ahmedabad
17.	Bio-math and Basic chemistry for Microbiologists	GSBTM, Govt. of Gujarat	State	28 <sup>th</sup> and 29 <sup>th</sup> Aug., 2018, Ahmedabad
18.	Healing Herbs 2019 (as a Judge)	Gujarat Medical Plant Board and Guj. Uni. Botanical Society	State	12-07-2019, Ahmedabad
19.	FDP on Science, Technology & Innovation connect Forum at Uni. For R & D Proposals on State priority areas with Frontiers areas of S & T	RUSA & GUJCOST, UGC-HRDC, Guj. Uni.	State	26-11-2019, Ahmedabad
20.	Microbial Biotech	Department of Microbiology	International	6 <sup>th</sup> and 7 <sup>th</sup>

	Interactions for Sustainable Agriculture and Societal Development	and Biotechnology, University School of Sciences, Gujarat University		February, 2020, Ahmedabad
21.	Start up a& Entrepreneurial scope in Ayurvedic & Herbal Products (Webinar)	SSIP & Bapalal Vaidya Botanical Research Centre (BVBRC), Dept. of Biosciences, Veer Narmad South Gujarat University	National	30-09-2020, Online
22.	Plant Tissue Culture: Current trends and Future perspectives (Webinar)	Dept. of Biotechnology, GSFC University, Gujarat	International	17 <sup>th</sup> to 19 June, 2021, Online
23.	Some State-of-the-Art Practices in Biological Sciences	International	Gujarat Arts and Science College	6-09-2022, Ahmedabad

- **Research Papers Presented in Seminars/ Conferences:**

- (1) Presented a paper titled “**Micropropagation of important Verbenaceae Members of Gujarat**” at the UGC sponsored State level Seminar on “Reproductive Biology of Angiosperms” organized by Smt, S.M. Panchal Science College, Talod, Sabarkantha, Gujarat, on 27<sup>th</sup>-28<sup>th</sup> February, 2007.
- (2) Presented a paper titled “**Cost Reducing Alternatives for Micropropagation Protocol of Banana**” at the one day National Seminar on “New Horizons in Biological Sciences” jointly organized by Natubhai V. Patel College of Pure & Applied Sciences (NVPAS), Vallabh Vidyanagar and Gujarat State Biotechnology Mission (GSBTM), Gandhinagar on Sunday, 23<sup>rd</sup> September, 2007.
- (3) Presented a paper titled “**Low cost Alternatives for Banana Micropropagation**” in the State level Seminar on “Science Excellence-2008” organized by Department of Botany, Gujarat University, Ahmedabad and GUJCOST, Gandhinagar, on 5<sup>th</sup> January, 2008.
- (4) Presented a paper titled “**Effect of various Polysaccharides on Micropropagation of Banana**” in the National Conference on “XXIII Carbohydrate Conference” organized by Department of Chemistry, Bhavnagar University, Bhavnagar and Association of Carbohydrate Chemists & Technologists (India), on 22<sup>nd</sup> to 24<sup>th</sup> January, 2009.
- (5) Presented a paper titled “**Micropropagation of Banana Using Different Gelling Agents**” in the State level seminar on “Science Excellence-2009” organized by Department of Botany, Gujarat University, Ahmedabad and GUJCOST, Gandhinagar, on 10<sup>th</sup> January, 2009.

- (6) Presented a paper titled “Cost-reducing options of Gelling Agents for Micropropagation of Banana” in the National level seminar on “Emerging Areas in Plant Sciences” organized by Department of Botany, The Maharaja Sayajirao University of Baroda, Vadodara, on Sunday, 22<sup>nd</sup> February, 2009.
- (7) Presented a paper titled “Cost effective substitutes of Gelling Agents and Hardening for Micropropagation of Banana” in the National level seminar on “Impact of Plant Tissue Culture on Advances in Plant Biology and XXXIII PTCA (I) Annual Meet” hosted by St.Xavier’s College, Ahmedabad and Loyala Centre for Research & Development on 11<sup>th</sup> to 21<sup>st</sup> January, 2012.
- (8) Presented a paper titled “Somatic Embryogenesis of *Musa pardisiaca* Linn. var. Grand naine for high rate of Propagation” in the State level Seminar on “Science Excellence-2014” organized by Department of Botany, Gujarat University, Ahmedabad, on 4<sup>th</sup> January, 2014.
- (9) Presented a Poster titled “Various cost-effective alternatives for Banana tissue culture” in the State level Seminar on “XXIX- Gujarat Science Congress-2015” organized by Gujarat Science Academy, on 28<sup>th</sup> Feb. and 1<sup>st</sup> March, 2015 at Science City, Ahmedabad.
- (10) Presented a paper titled “Plant Tissue Culture: A tool to conserve Bio-diversity through rapid *in vitro* regeneration” in the International Conference on “India/ Canada- Past, Present & Future” organized by Indian Council of Library & UGC-HRDC, Gujarat University, on 25<sup>th</sup> to 27<sup>th</sup> March, 2017.

- **Publications :**

- **Publication of Research articles in Journals/ Books:**

- (1) Vora N.C., Kannan R.V. and Jasrai Y.T., Micropropagation of Important Verbenaceae Members of Gujarat, *Research Journal of BioTechnology*, 4: 76-79, 2009. (ISSN No. 0973-6263)
- (2) N.C. Vora and Y.T. Jasrai, Effect of Various Carbon Sources on *In vitro* Shoot Multiplication of Banana, *Phytomorphology*, 61: 111-116, 2011. (ISSN No. 0031-9449)
- (3) N.C. Vora and Y.T. Jasrai, Effect of different polysaccharides as explants holding substrate on micropropagation of banana, In: *Emerging Trends in Plant Sciences*, Scientific Publishers, Jodhpur, India (Eds.) Arun Arya and M. Daniel, pp. 242-247, 2012. (ISBN: 978-81-7233-796-4)
- (4) N.C. Vora and Y.T. Jasrai, Microwave Oven Based Sterilization of Media for Micropropagation of Banana, *CIB Journal of Biotechnology*, 1: 18-21, 2012. (ISSN No. 2319-3859)
- (5) Vora N.C. and Jasrai Y.T., Natural and low-cost substitute of synthetic PGR for micropropagation of banana, *CIB Journal of Biotechnology*, 2: 9-13, 2012. (ISSN No. 2319-3859)
- (6) N.C. Vora and Y.T. Jasrai, Cost Effective Alternatives for Gelling Agent and Hardening for Micropropagation of Banana (Var. Grand naine), Proceedings: 33<sup>rd</sup> Plant Tissue Culture and Application (PTCA-2012), Held at St. Xavier’s College, Ahmedabad on 19<sup>th</sup>-21<sup>st</sup> January, 2012, pp 45-50, 2013. (ISSN No. 978-93-80066-83-7)

(7) **N.C. Vora**, Plant tissue culture: A tool to conserve biodiversity through rapid *in vitro* regeneration of diverse plant species, Towards Excellence, 9(2): 132-139, **2017**. (ISSN No. 0974-035X)

(8) **N.C. Vora and Y.T. Jasrai**, Different light filters alter shoot-multiplication during micropropagation of Banana, Vidya, 1: 160-167, **2019**. (ISSN: 2321-1520).

(9) **Patel Nipa M. and Vora N.C.**, Study of activity of catalase enzyme in various fruits, International Association of Biological and Computational Digest, 1 (2): 216-221, **2022**. (E-ISSN No. 2583-3995).

➤ **Books :**

Sr. No.	Title of the Book	Publisher	Month and Year of Publication	ISBN
1.	Emerging Trends in Plant Sciences	Scientific Publishers, Jodhpur, India; (Eds.) Arun Arya and M. Daniel	2012	978-81-7233-796-4
2.	Impact of Plant Tissue Culture on Advances in Plant Biology- symposium proceedings.	Gujarat Sahitya Prakash, Anand.	2012	978-93-80066-83-7

➤ **Research Articles/Papers in Journals:**

	Title of the Paper	Name of the Journal	Volume & Issue of the Journal	ISSN of the Journal	State/National/International
1	Micropropagation of Important Verbenaceae Members of Gujarat	Research Journal of Biotechnology	4(3)	0973-6263	International
2	Effect of Various Carbon Sources on <i>in vitro</i> shoot-multiplication of Banana	Phytomorphology	61 (3&4)	0031-9449	International
3	Microwave oven based Sterilization of Media for Microrpopagation of Banana	CIB Journal of Biotechnology	1 (2-3)	2319-3859	International
4	Natural and Low-cost Substitute of Synthetic PGR for Micropropagation of Banana	CIB Journal of Biotechnology	2 (1)	2319-3859	International
5	Plant Tissue Culture: A tool to conserve Biodiversity Through Rapid <i>in vitro</i> Regeneration of Diverse Plant species	Towards Excellence	9 (2)	0974-035X	National
6	Different Light Filters Alter Shoot-multiplication During	Vidya	1	2321-1520	State



	Micropropagation of Banana				
7	Study of Activity of Catalase enzyme in Various Fruits	International Association of Biologicals & Computational Digest	1 (2)	2583-3995	International

• **Research Work:**

➤ **Projects :** -Nil-

Sr. No.	Minor/Major	Sponsor/Organization	Status (Complete/Running/Proposed)

• **Academic Experience :**

➤ **U.G**

Date : Sept – 20013 Till Date. Total Years : 10 (Ten Years)

➤ **N.C.C. Officer** -Nil-

Date : ..... to ..... Total Years : .....

➤ **N.S.S. Programme Officer** -Nil-

Date : ..... to ..... Total Years : .....

➤ **BISAG Expert Lectures :** -Nil-

• **Administrative Experience :**

➤ **Designation :**

Sem 5-6 Admission Committee Member

**Total Experience:-** 8 years

• **History of Service :**

Sr.No.	College Name	From Date to Date	Order No	Order Date
1	Gujarat Arts and Science College, Ahmedabad	19/09/2013 to 6/11/2023	OW/ 2013/ ESC2/ 5722-31	17/09/2013
2	M.N.College, Visnagar.	7/11/2023 to till date	મનવ/ મકમ/ ડ-1/ ડૃ. બદલી/ હાજર/ 2023/1901 to 1907	7/11/2023

• **Representation in Various Committees (Uni./Government/College) :**

Name of the Committee	Uni./ College	Position	Duration
UDISHA	Gujarat Arts and Science College, Ahmedabad	Member	2014-15; 2015-16
Lalitkala (Cultural)	Gujarat Arts and Science College, Ahmedabad	Member	2016-17, 2018-19, 2019-20, 2020-21
B.Sc. Sem 5-6 Admission Committee	Gujarat Arts and Science College, Ahmedabad	Member	2018-19 to 2022- 23
NSS	Gujarat Arts and Science College, Ahmedabad	Member	2018-19 to 2022- 23

• **Exam Duties (Internal and / or University Exams) :**

Year	Junior Supervisor	Senior Supervisor	Chief Conductor	Paper Setter	Examiner		Chairman
					Theory	Practical	
2013 – 14	✓			✓	✓	✓	
2014 – 15	✓			✓	✓	✓	
2015 – 16	✓			✓	✓	✓	
2016 – 17	✓			✓	✓	✓	
2017 – 18	✓	✓		✓	✓	✓	
2018- 19	✓			✓	✓	✓	
2019- 20	✓			✓	✓	✓	
2020- 21	✓			✓	✓	✓	
2021- 22	✓			✓	✓	✓	
2022- 23	✓			✓	✓	✓	

Please  in the appropriate box.

• **Organized Seminar/ Workshops:**

- Organized an International Seminar on ‘Some State-of-the-Art Practices in Biological Sciences’ on 6<sup>th</sup> Sept., 2022.
- Organized an Online Seminar on ‘Conservation of Environment through Natural farming’ on 11<sup>th</sup> Feb., 2022.
- Organized a Workshop on Self-defense: Karate technique on 27<sup>th</sup> Aug., 2022.
- Organized an Online Seminar on ‘Samajik Prashno: Sarvekshan ni Rahe’ for N.S.S. on 29<sup>th</sup> Jan., 2022.
- Organized a field visit to a Socio-economic Institute for N.S.S. on 16<sup>th</sup> Sept., 2023.
- Organized a Workshop on Self-defense: Judo technique on 24 Aug., 2023.

Note:

- Please submit totally evidence in hard copies.