

## CURRICULUM VITAE

**Manisha Shamrao Shinde**

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9923346131 (M)

426/11 Ashirwad Nivas, Ratndeeep colony,  
Dange chowk, Thergaon, Chinchwad,  
Pune 411 033.

- **Career Objective:**

To secure a challenging position where I can effectively contribute my competent skills and efforts.

- **Educational Qualifications:**

Examination	Discipline/ Specialization	School/College	Board/ University	Year of Passing	Marks obtained
Ph.D.	Botany(Cytogenetics and Plant breeding)	Fergusson College, Shivajinagar, Pune 5.	University of Pune.	24 <sup>th</sup> June 2013	<b>Degree Awarded</b>
M.Sc	Botany (Angiosperm)	Modern College, Shivajinagar, Pune 5.	University of Pune.	2008	<b>71.40%</b>
B.Sc	Botany	Baburaoji Gholap College, Sangavi 27.	University of Pune.	2006	<b>71.77%</b>
H.S.C.	Science	Shri Fattechand Jain Vidyalay, Chinchwad	Maharashtra State Board	2001	<b>54.83%</b>
S. S. C	S.S.C	Jain Kanya Prashala, Chinchwad	Maharashtra State Board	1999	<b>73.86%</b>

- **Teaching Experience:**

1. Lectureship at S. M. Joshi Mahavidyalay, Hadapsar, Pune.  
Duration: August 2008 to December 2008.
2. Assistant Professor at Sancheti College of Arts, Commerce & Science, Thergaon, Chinchwad, Pune 33, for academic year 2013 – 2014.
3. Assistant Professor at Dr. D. Y. Patil Arts, Commerce & Science College, Pimpri, Pune 18, from 24th Nov 2016 to 30th June 2017.

4. Assistant Professor at H. V. Desai College, Bhudhavar Peth, Pune. From 1st July 2017. (170700672, W.e.f. 01.07.2017, 171200462, W.e.f. 23.11.2017)
5. Assistant Professor at Fergusson College, Pune from 11<sup>th</sup> October 2021 to 15May 2022. ( 211000765 W.e.f.11.10.2021)
6. Assistant Professor at Baburaoji Gholap College, Sangavi, Pune from 22<sup>nd</sup> Sepetmber 2022 to 30<sup>th</sup> April 2023. (220902162, W.e.f. 22.09.2022) Currently working in same college from 2<sup>nd</sup> July 2023.

- **Publications:**

- **Papers:**

1. **“Study of Determinate and Spreading variant in Cluster bean (*Cyamopsis tetragonoloba* (L.) Taub. )”** published in International Journal “ Flora and Founa” in special issue of Jan 2010. (ISSN 0971 – 6920)
2. **“Study of pollen sterility in Cluster bean (*Cyamopsis tetragonoloba* (L.) Taub. ) through mutagenesis”** published in International Journal “Asian Journal of Experimental Biological Sciences” in special issue of Oct 2010. (ISSN 0975 - 5845)
3. **“Induction of Macromutations in Cluster bean (*Cyamopsis tetragonoloba* (L.) Taub. ) through mutagens”** published in “International Journal of Scientific Research” in Volume – 6, Issue 11, November -2017, ISSN No. 2277 – 8179 | IF : 4.176 | IC Value : 78.46

- **Abstracts:**

1. Induction of macromutants in Frenchbean (*Phaseolus vulgaris* Linn ) through mutagens.
2. Genetic improvement in Frenchbean (*Phaseolus vulgaris* L.) through induced mutation.
3. Genetic improvement of Cluster bean (*Cyamopsis tetragonoloba* (L.) Taub. ) through induced mutation.
4. Enhancement in seed protein content in M<sub>1</sub> generation of Cluster bean through induced mutation.
5. Study of Determinate and Spreading variant in Cluster bean (*Cyamopsis tetragonoloba* (L.) Taub. )

6. Study of pollen sterility in Cluster bean (*Cyamopsis tetragonoloba* (L.) Taub. ) through mutagenesis
7. Induction of chlorophyll mutations in (*Cyamopsis tetragonoloba* (L.) Taub. ) through mutagenesis.
8. Effect of mutagens on seed coat color variation in Cluster bean (*Cyamopsis tetragonoloba* (L.) Taub. )
9. Induction of viable mutants in Cluster bean (*Cyamopsis tetragonoloba* (L.) Taub. ) through induced mutation.
10. Genetic Diversity in Cluster bean (*Cyamopsis tetragonoloba* (L.)
11. Induction of Macromutations in Cluster bean (*Cyamopsis tetragonoloba* (L.) Taub. ) through mutagens.
12. Frequency and Spectrum of chlorophyll Mutations in M<sub>2</sub> generation of Cluster bean (*Cyamopsis tetragonoloba* (L.) Taub. )

- **Details of Papers Presented & Conference Attended:**

- **Conference:**

International	National	State
3	9	3

- **Paper Presented:**

Oral	Poster
2	3

- **Details of Workshop Attended & Organized:**

- **Attended:**

1. Attended “**One day Workshop on Train the Trainers for Principals / Teachers**” held in University of Pune, organized by BCUD, University of Pune on 22<sup>nd</sup> May 2009.

2. Attended One day Workshop on **“Phytochemical Analysis of Therapeutically Active Constituents of Pharmaceutically Important Medicinal Plants”** held in Dept. of Botany, University of Pune on 13<sup>th</sup> January 2012.
3. Attended Workshop on **“Teaching and Learning Skills in Plant Physiology & Biochemistry”** organized under PMMMNMTT funded by MHRD, Govt. of India at Dept. of Botany, Savitribai Phule Pune University, Pune on 3<sup>rd</sup> and 4<sup>th</sup> March, 2018.
4. Attended Workshop on **“Teaching and Learning Skills in Plant Ecology”** organized under PMMMNMTT funded by MHRD, Govt. of India at Dept. of Botany, Savitribai Phule Pune University, Pune on 20 and 21 April, 2018.
5. Attended Workshop on **“Angiosperm Systematics – Linnaeus to APG (under SERB – SSR scheme)”** organized by Dept. of Botany, Savitribai Phule Pune University, on 9<sup>th</sup> & 10<sup>th</sup> January, 2023.
6. Attended National level Workshop on **“Utilization of Indian Traditional Knowledge of medicinal plants for human health”** organized by Dr. D.Y.Patil Art's, Commerce & Science College, Akurdi, Pune – 411044, on 1<sup>st</sup> to 3<sup>rd</sup> March, 2023.

- **Organized:**

1. Organized One Day Intercollegiate Workshop on **“Process of Making Jam and Jelly”** held in Dr. D. Y. Patil Arts, Commerce and Science College, Pimpri, Organized jointly with Board of Students Welfare, Savitribai Phule Pune university on 17<sup>th</sup> January, 2017.
2. Organized One Day Intercollegiate Workshop on **“Personality Development For Girls Students”** held in Dr. D. Y. Patil Arts, Commerce and Science College, Pimpri, Organized jointly with Board of Students Welfare, Savitribai Phule Pune university on 18<sup>th</sup> January, 2017.
3. Organized One day Webinar on **“Trends in Algal Research”**, Department of Botany, Fergusson College, Pune, on 10<sup>th</sup> March 2022.
4. Organized One day Workshop on **“Research Publication and its Ethics”**, Department of Botany, Fergusson College, Pune, on 29<sup>th</sup> April 2022.

- **Faculty Development Program:**

1. Attended **“Faculty Development Program”** for Science Faculty Organized By H. V. Desai College, Pune on 18<sup>th</sup> to 24<sup>th</sup> of June 2018.

2. Attended Faculty Development program “ **Managing Online Classes and Co-creating MOOCS: 2.0**” arranged by Teaching Learning Center, Ramanujan College, University of Delhi, sponsored by MHRD Govt. of India under PMMMNMTT from 18<sup>th</sup> May to 3<sup>rd</sup> June 2020.
3. Attending Faculty Development program “**Advanced Concepts on Developing MOOCS**” arranged by Teaching Learning Center, Ramanujan College, University of Delhi, sponsored by MHRD Govt. of India under PMMMNMTT from 2<sup>nd</sup> July to 17<sup>th</sup> July 2020.

- **Extra-Curricular Activities:**

1. Worked as NSS Committee Member and attended NSS Camp as Faculty in H. V. Desai College.
2. Worked in the Process of NAAC in H. V. Desai College, Presented the Department during NAAC peer committee visit.
3. Guided the students for intercollegiate fest like Botanica and Avishkar.
4. Organized Botany Fest in Department of Botany H. V. Desai College, Pune 411002.
5. Organized Millets exhibition and Scientific Rangoli Competition in Dept. Of Botany, Baburaoji Gholap College, Sangavi, Pune.

- **Computer proficiency & skills:**

MS Windows 98, 2000, 2007, 2012, Windows 7, 8, 10, SPSS Software (MS Office, Knowledge of Internet and Email.), Can Operate new systems of e - learning .

- **Academic Project:**

1. **M.Sc. Project:** “**Mutagenesis in Frenchbean ( *Phaseolus vulgaris* L.)**.”

**Description:** Study of quantitative characters and biochemical analysis of Frenchbean in M<sub>1</sub> generation by using mutagens EMS and Gamma radiation.

2. **Ph.D. Project:** “**Induced mutation in Guar (*Cyamopsis tetragonoloba* (L.) Taub.)**.”

**Description:** Study of quantitative characters and biochemical analysis of Cluster bean in M<sub>1</sub>-M<sub>4</sub> generation by using mutagens EMS, Gamma radiation and combination of both mutagens.

**Guide: Dr. A. D. More.**

Associate Professor, Dept of Botany,  
Fergusson College, Pune 411 004.

• **Reference:**

1. **Dr. B. N. Zaware**

Principal, Baburaoji Gholap College Sangavi,  
Pune. (9850134268)

2. **Dr. C.P Hase.**

BOS Member (Botany SPPU), Head,  
Baburaoji Gholap College Sangavi, Pune  
(9960979591)

• **Personal Profile:**

1. Name : Manisha Shamrao Shinde
2. Mother's Name : Shaila Shamrao Shinde
3. Husband's Name : Parmeshwar Dadarao Jadhav
4. Gender : Female
5. Marital Status : Married
6. Category : OBC
7. Nationality : Indian
8. Language Known : English, Hindi and Marathi
9. Date of Birth : 10<sup>th</sup> April 1984

• **Declaration:**

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

**Place: Pune**

**(Manisha Shamrao Shinde)**