

CURRICULUMVITAE

Miss. Vividha M. Sirsat
vividhasirsat@gmail.com
Contact no. -
9767456608/9404094096

Communication address
Shiv Brighton, Vividha Sirsat,
Ruby 205, Near Govt.
Engineering College, New
Khapri, Nagpur (M.S)-441108

Objective

To obtain a position that allows me to contribute to cutting-edge research and development in sustainable agriculture while fostering the growth of the organization.

Academic Educational

- 2019-2025: Ph.D. (Agriculture) Agricultural Biotechnology
Biotechnology Centre, Post-graduate institute, Dr. P.D.K.V.,
Akola, (M.S) India (CGPA- 8.34)
- 2016-2018: M. Sc (Agriculture) Agricultural Biotechnology
Biotechnology Centre, Post-graduate institute, Dr. P.D.K.V.,
Akola, (M.S) India (CGPA- 7.49)
- 2012-2016: B.Sc. Agricultural Biotechnology, Shri. Shivaji College of
Agricultural Biotechnology, Amravati, Dr. P.D.K.V., Akola, (M.S)
India (CGPA- 8.33)

Research Paper

1. *In vitro* Shoot Proliferation from Nodal Segments of Indian Blackberry (*Syzygium cumini* L.)
Int.J. Curr.Microbiol.App.Sci
ISSN: 2319-7706
DOI: <http://doi.org/10.20546/ijemas.2019.803.291>
NASS Rating- 5.39
2. Confirmation of F₁ Hybridity in Upland Cotton (*Gossypium hirsutum*) by Molecular Assay
IJABR
ISSN: 2617-4693
DOI: <http://doi.org/10.33545/26174693.2024.v8.i6b.1286>
NASS Rating- 5.29
3. Enzyme-Linked Immunosorbant Assay for Protein Detection in Cotton: A Qualitative Approach
Plant Archives
ISSN: 0972-5210
DOI: <http://doi.org/10.51470/PLANTARCHIVES.2025.v25.no.1.099>
NASS Rating- 5.59

Book Chapter

1. **IIP Edited Book Series “Futuristic Trends in Biotechnology” chapter entitled “ARTIFICIAL INTELLIGENCE AND BIOINFORMATICS: FUTURISTIC TRENDS IN BIOTECHNOLOGY TO ENSURE FOOD SECURITY” under Volume 3, September 2023.**
2. Introgression of Biotic Stress Resistance Genes: Enhancing Crop Protection through Molecular Breeding. DOI:10.5772/intechopen.1010840 (2025).

Popular Article

1. The Nutritional Antidote toward Future Prospects: Biofortification, AgriCos e-Newsletter, July, 2020.
2. Necessity of Medicinal Plants Cultivation, AgriCos e-Newsletter, August, 2020.
3. Genetically Encoded Biosensors: A New Method of Detecting Molecular Interactions, AgriCos e-Newsletter, August, 2020.
4. Transcript Profiling towards Ameliorating Future, AgriCos e-Newsletter, July, 2020.
5. Crop Heterosis Utilization, AgriCos e-Newsletter, August, 2020.

Paper Abstract

1. Parameter optimization for *in-vitro* shoot proliferation of Jamun species (*Syzygium cumini* L.). Proceedings cum Abstract Book of **IPBRIA-2020** published by Bihar Agricultural University, Sobour, Bhagalpur.
2. Exploitation of important Medicinal Forest Crops Species through *in-vitro* Micropopagation. International Conference on Environment and Sustainable Development, **ICESD, 2022**.
3. Molecular Breeding Approach for Cotton Improvement In The Era Of Genomics. International Conference On Environment And Sustainable Development, **ICESD, 2022**.
4. Application of biotechnological tools and interventions for biofortification towards nutritional and food security, (*Integrating Molecular and Bioinformatics Tools for Advancing Agriculture & Applied Sciences, 2022*).
5. Morphological and Molecular Characterization of Java Citronella Variants for Yield and Yield attributing Trait, **ICESD, 2022**.

Professional Skills

1. Plant Tissue Culture
2. Marker-Assisted Selection
3. Elisa
4. Technical Writing
5. MS-office
6. Management skills

Community Involvement

1. Appointed as the **member of Editorial Board** in Agricultural Biotechnology Specialization by Just Agriculture-The Magazine, 2021.
2. **Lifetime Membership** of Agro Environmental Education And Farmer's Welfare Society (Regd.) (**AEEFWS**), 2021.
3. Intern as a Business Development Associate at Just Agriculture-The Magazine, June-Sep, 2025.

Achievement

1. Third Prize in **National Level Essay Competition** on “**Contribution of Innovative Agricultural Processing Technology/Machinery in Farmer's Prosperity and Need of New Technology/ Machinery in Contest of the above**” organized by Department of Agricultural Process Engineering and AICRP on Post Harvest Engineering and Technology, Dr. PDKV, Akola on **World Food Day 16th Oct, 2018**.
2. **Best MSc Thesis Award** on “Micropopagation of Indian Blackberry (*Syzygium cumini* L.) through Nodal Segment from Mature Trees” in 1st (**GIRISDA-2022**) and **Just Agriculture- The Magazine at University, Talwandi Saho (Punjab)** on May 2022.

Personal Details

Name : Vividha M. Sirsat
Father's Name : Mahendra Sirsat
Mother's Name : Vaishali Sirsat
Date of Birth : 3rd January, 1995
Blood group : B+ve
Nationality : Indian
Language Known : English, Hindi and Marathi
Marital Status : Unmarried

Reference (if any)

1. **Name-** Dr. D. R. Rathod
Designation & Department – Professor(CAS) and NCC Officer (ANO), Biotechnology Center, Department of Agril. Botany, Dr. P.D.K.V., Akola, Maharashtra.
email- drrathod75@gmail.com
2. **Name-** Dr. D. T. Deshmukh
Designation & Department- Retired Asso. Prof., Department of Agril. Botany, Dr. P.D.K.V., Akola, Maharashtra.
email- dindesh62@gmail.com

Declaration:

I hereby declare that, all the information provided above is true and correct to the best of my knowledge & belief.

Date: 25/09/2025

Place: Akola

Yours faithfully,
Vividha M. Sirsat