



# Akshay Khandare

## CONTACT

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[Linkdin](#)

## EDUCATION

- M.G. College of Agricultural Biotechnology, Pokharni, Nanded. Completed In 2023.  
Bachelor Of Science in B. Tech Biotechnology, Cgpa: 7.8%
- Mgm University, Ibt, Chh. Sambhajinagar.  
Master Of Science in Plant Breeding and Molecular Genetics. Cgpa: 8.77%

## CERTIFICATES AND ACHIEVEMENTS

- MSCIT- Qualified
- Certificate In NPTEL/IIT Madras Plant Cell Bioprocessing
- Certificate In Hands-On Workshop on ASCI (Organic Grower).
- Certificate In Hands-On Workshop On PCR, RT-PCR, Western Blotting and ELISA By HI media Laboratories.

## KEY SKILLS

- Molecular Breeding & Plant Breeding
- Plant Tissue Culture
- Polyhouse And Nursery Management
- Hybrid Purity Analysis & Genetic Modification Techniques
- DNA Extraction, PCR, RT-PCR, ELISA
- Marker Screening, Gel Electrophoresis, HRM Analysis

## PROFILE

I am a dedicated and detail-oriented postgraduate student in Plant Breeding and Molecular Genetics with a strong foundation in Agriculture research and laboratory techniques. Equipped with robust expertise in molecular breeding, Polyhouse and Nursery, DNA extraction, Polymerase Chain Reaction, High Resolution Melt Analysis, Gel electrophoresis and Plant tissue culture.

## EXPERIENCE

### Intern

- **Painganga Seeds Pvt. Ltd, Lonar, Dist. Buldhana**  
(November 2022 – January 2023)

1. Trained in identification of plant diseases.
2. Operated seed Pre-cleaning machinery.
3. I worked extensively in nursery and polyhouse management.
4. Participated in field surveys for crop assessment.

### Research Project Intern

- **Ajeet Seeds Pvt. Ltd. Gangapur, Dist.Sambhajinagar.**  
(January 2025 – May 2025)

1. Contributed to hybrid purity analysis and germination of traits (GOT) in the R&D department.
2. Assisted in genetic analysis and development of high-yield seed varieties.
3. I gained hands-on experience in molecular biology and plant breeding techniques.
4. Supported projects aimed at improving crop productivity and addressing global agricultural challenges.

## RESEARCH PROJECTS & Publication

- Assessing the Genetic Purity of Solanum Lycopersicon Seedling through SSR Marker.  
(International Journal of Science and Research. IJSR)
- Analysis of Phenolic Acids in Varieties of Solanum Lycopersicon Cultivating in Chatrapati Sambhajinagar. (International Journal of Pharmaceutical Sciences. IJPS)
- Determination Of Hybrid Purity and Marker Screening for Okra Hybrid (Abelmoschus esculentus L.) Using SSR Marker.
- Effect of Farming Methods on Solanum Lycopersicon Plants.  
(International Journal of All Research Education and Scientific Methods. IJARESM)
- In vitro micropropagation in Swietenia macrophylla King.
- Isolation and Characterization of Potassium Mobilizing Bacteria of Soil.