

CURRICULAM VITAE

Ms. Pagariya Madhuri Chandrakant

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PROJECT UNDERTAKEN:

Currently working on a project “**Candidate genes as Molecular Markers for Evaluating and Validating Sugarcane Germplasm for Abiotic Stress.**” at Vasantdada Sugar Institute, Pune.

Worked on the projects entitled :

- **Physiological, Biochemical, Enzymological Studies to study Species and Ecological difference in *Plumbago* from Various Localities** during M.Sc dissertation at Department of Botany, University of Pune, Pune-411007. Year: 2007. Under the guidance of : Prof.K.N.Dhumal , Department of Botany, University of Pune, Pune-411007.
- Summer training in **Serum Institute, Vaccine Production Department** , Serum Institute of India Ltd. Hadapsar, Pune : 411028. Year : June 2004.
- Summer training in “ **Quality control unit** ”, WeiKFiELD Products Co. (India) Pvt. Ltd, Nagar Road, Pune : 411014, Year : April 2003. Under the guidance of : Mr. Anil Bhosale , Manager Quality Control.
- Summer training in “**Pathology Lab**” in diagnostic center, P.H. Medical Center, Pune – Satara road, Pune : 411009, Year: May 2003.

EDUCATIONAL DETAILS:

M.Sc (Botany), Department of Botany, University of Pune, Pune- 411007

Maharashtra, India. (2007). **GPA : 7.9 on scale of 10**

B.Sc Botany (Voc Bio-tech), Modern College, Shivaji Nagar, Pune 411005

Maharashtra, India (2005). **Percentage: 88.71%**

SEMINARS ATTENDED:

- National Seminar on Molecular and Biochemical Characterization of Plant Diversity with special reference to Secondary Metabolites, University of Pune, March 2006.
- National seminar on Allelopathy and Allelochemicals, University of Pune, March 2005.

EXPERIMENTAL SKILLS:

- **Molecular techniques acquired** – Regular protein isolation and purification and Native & SDS Polyacrylamide, gel electrophoresis. analysis. Genomic DNA & Plasmid DNA isolation, Restriction enzyme digestion, Cloning,s, PCR, Southern Blotting,
- **Tissue culture techniques** : *Agrobacterium* mediated transformation in plant cell.
- **Analytical techniques:** Chromatography analysis (Column, TLC), Gel Filtration.
- **Physiological analysis** : Familiar with Biochemical, Enzymological analysis.
- **Bioinformatics skills:** Primer designing ,Sequence analysis from databanks, Multiple sequence alignments (ClustalW, BioEdit^R, BLASTX, BLASTN, Spidey, Primer3)

Extra curricular Activities and Achievements:

Gold medal for securing highest numbers of marks and stood first at M.Sc.(Botany), University of Pune.

Securing Highest numbers of marks and stood first in Modern College for Arts, Commerce and Science, Shivaji nagar, Pune.

Participated in many Inter College and Intra debate competition.

References:

Dr. D. Theertha Prasad,

Director, Molecular Biology & Genetic Engineering,

Head, Crop Improvement Division,

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Manjari (Bk), Pune-412 307

Maharashtra, India.

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