

CURRICULAM VITAE

MISS. PRANALI ARUN KULKARNI

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EDUCATIONAL DETAILS:

- **M.Sc Biotechnology** (2007), Brindavan College, Bangalore University, Bangalore, Karnataka, India.
Percentage: 77.0%
- **B.Sc Botany (Voc Bio-tech)** (2005), Modern College, Shivaji Nagar, Pune-411005, Maharashtra, India.
Percentage: 87.67%

PROJECT UNDERTAKEN:

Currently working on a project “**Genetic improvement of yeast to produce value added products in sugarcane industry**” at Vasantdada Sugar Institute, Pune.

WORKED ON PROJECTS ENTITLED:

- **MSc project in ‘Mapping of stripe rust resistant gene (Yr16) in bread wheat with help of microsatellites markers’** under the guidance of **Dr. Narendra Kadoo and Dr. Neeta M.** of Plant Molecular Biology Group, Department of Biochemical Sciences, **National Chemical Laboratory (NCL), Pune.**

- Summer training in **Department of Biochemistry & Endocrinology, KEM Hospital, Pune** under the guidance of Dr S.S. Naik (HOD), 2006
- Summer training in **Department of R.I.A at Ruby Hall Clinic, Pune –1** under the guidance of Dr Edul (HOD).2004
- Summer training in **Microbiology lab & Blood Bank at Ruby Hall Clinic, Pune-1** under the guidance of Dr. Bajpayee (Director) 2003

EXPERIMENTAL SKILLS:

- **Molecular techniques acquired** – Regular protein isolation and purification and Urea & SDS Polyacrylamide, gel electrophoresis. Analysis. Genomic DNA & Plasmid DNA isolation, Restriction enzyme digestion, PCR, Southern Blotting,
- **Tissue culture techniques :**
 - **Plant :** Meristem culture, Callus induction, Embryo culture, Protoplast isolation
 - **Animal :** Embryo culture, Monolayer culture.
- **Analytical techniques:** Chromatography analysis (Column, Lipid, TLC, paper)
- **Physiological analysis :** Familiar with Biochemical, Enzymological analysis.
- **Bioinformatics skills:** Sequence analysis from databanks, Multiple sequence alignments (ClustalW, BLASTX, BLASTN, FASTA, Rasmol, Neb Cutter).
- **Computers:** MS Office, MS Excel, Internet

SEMINARS/ WORKSHOPS ATTENDED:

- *Expanding Newer Perspectives in Biotechnology* -2 day conclave Conducted by P.G. Department of Biotechnology, Brindavan College, Bangalore held on Nov. 7th& 8th 2006.
- *Regenerative Medicine & Tissue Engineering (Stem cells & their Applications) Stem-2006*, 3rd Annual Conference held at Bangalore in April 2006.

EXTRA CURRICULAR ACTIVITIES & ACHIEVEMENTS:

- Selected as **BITP trainee** under **BCIL (Biotech Consortium India Limited)**, sponsored by **Department of Biotechnology, Govt of India**, in **MITCON** Biotechnology Centre, Pune in Microbiology section. Project entitled, “ **Isolation and Characterization of microflora of *Woodfordia fruticosa* and its impact in Asava preparation**”
- Guest lecturer for Virology and Molecular Biology subjects in **Tilak Maharashtra University**, Sadashiv Peth, Pune for MSc Biotechnology Sem I, 2007.
- Participated in many Inter and Intra College debate competitions

References:

Dr. D. Theertha Prasad,

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