

Maithili Vikrant Surve

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Dob: 09/11/2001

Career Objective: To contribute effectively to a reputable organization while continuously enhancing my skills, knowledge, and professional growth.

Skills / Tools: Laboratory Techniques, Basic Bioinformatics, NGS (Next Generation Sequencing) - Basic, MD (Molecular Docking) - Intermediate, Origin lab- Graphical Analysis, Excel, Power-Point, PTC (Plant Tissue Culture) Techniques, PyMol, Analytical Techniques for Biochemistry. Knowledge about Phytotherapy and Phytomedicine (Part of specialized course of VIT).

Experience:

- Internship Trainee at Insilicomics- Ooty, Tamil Nadu, India. (June 2024 - July 2024)Remote.
Hands on Training in Basic NGS - Next Generation Sequencing. (Fastqc, trimming, annotation).

Projects/ Research Experience:

- PG - SET Conference 2nd sem - "Synthesis and Characterization of Molecularly ImprintedPolymers (MIPs) coated Carbon dots (CD's) Templates for the selective detection of Creatinine". (Grade-S) - **92/100**
- PG - SET conference 1st sem - "Synthesis and Characterization of Molecularly Imprinted Polymeric (MIP) Templates for the selective Detection of Pharmaceutical Pollutants."(Grade-S) - **90/100**
- UG (Final Project) - Successfully submitted work on "Production of Bio-Plastic with the help of Milk Protein Casein and checking its Biodegradability in soil ". (**Grade-A**)

Education:

- 1) M.Sc. in Biotechnology - VIT (Vellore Institute of Technology), Vellore, Tamil Nadu, India.Year (2023-Present) CGPA – **8.04**
- 2) B.Sc. in Biotechnology - Vivekanand College, Kolhapur (Shivaji University) Maharashtra,India. Year (2020-2023) CGPA – **9.13**
- 3) HSC - Chate Jr. College of Science, Kolhapur MH, India. Year 2020 -**78.31%**
- 4) SSC - Alphonsa School, Kolhapur MH, India. Year 2018 - **91.00%**

Co-curricular Achievements:

- Achieved **3rd rank** in the undergraduate class at Vivekanand College (Shivaji University), demonstrating strong academic performance and dedication.
- Participant in VAP on “Next Generation Sequencing and Data Analysis.” (VIT).
- Completed oriented course in “Preparation of Household Chemicals and Perfumes.
- Participant in 10th edition of VIT BIOSUMMIT 2023 (VIT).
- Paper presentation at the 24th and 25th Science, Engineering & Technology (SET) Conference.
- Secured **1st place** in the Treasure Hunt competition at Synchome 2K22, organized by the Department of Biotechnology. (UG)
- Participant in Helix Competition 2021 organized by Smt.Kasturbai Walchand College of Art and Science, Sangli and secured **1st place** in Scientific Rangoli Competition.

Strengths:

- Effective leadership skills with a collaborative approach to teamwork.
- Flexible and adaptable in handling diverse situations.
- Fast learner with a keen ability to understand new concepts.
- Optimistic, focused on finding solutions.
- People Skills.

Languages:

English (Fluent), Hindi (Fluent), Marathi (Native).

Hobby's/Leisure Interest:

Travelling, Exploring, Drawing, Painting, Dancing, Video Editing, Photography, Cooking.

Declaration:

I declare that all the details mentioned above are correct and honest to the best of my Understanding.

(Maithili Vikrant Surve)