

MANASI WALKAR

Highly capable and motivated biotechnology professional looking for an organization where I can enhance my knowledge and give my best to the organization.

Academic Details:

Sr No.	Degree	Name of the Institute	Year	CGPA/ Percentage
1.	M.Sc. Biotechnology	S. P. Mandali's Ramnarain Ruia Autonomous College	2022-2024	Overall CGPA 8.42/10
2.	B.Sc. Biotechnology	Vikas College of Arts, Science and Commerce	2019-2022	Overall CGPA 7.22/10
3.	Higher Secondary Certificate (HSC) Maharashtra State Board	V.G. Vaze College of Arts, Science and Commerce	2019	56.31%
4.	Secondary School Certificate (SSC) C.B.S.E. Board	Holy Angels' School, Dombivli	2017	84.6%

Training Program & Certifications :

- Internship at **Institute of Chemical Technology**, Mumbai (Nov 2023 - Feb 2024).
- Awarded and qualified **Zonal round of 18th inter-college / Institute / department Avishkar research convention: 2023** (Dec 2023).
- Online workshop on “**Tools and techniques in Bioinformatics** “, organized by **Sathyabama Institute of Science and Technology**, Chennai (Aug 2023).
- Volunteered in the creativity event **CHIMERA' 22** organized by the **department of biotechnology** of Ramnarain Ruia Autonomous College (Jan 2023).

Projects Undertaken :

- “**Study on determining ethanol potential of different lignocellulosic biomass**” - 2024
- “**Comparative study on properties of bioplastic derived from banana and cassava peels**” - 2023
- “**Analysis of aspartame degradation by lactic acid bacteria**” - 2022

Personal Details:

Date of Birth: 24th February 2002

Address: Vikhroli East – 400083

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Languages:

Full proficiency in English, Marathi, Hindi

Personal Skills:

Communication, Networking, Problem-solving, Adaptable, Strong work ethic, Ability to learn from mistakes, Responsible, Team builder

Areas of Interest:

Cancer Biology, Immunology, Vaccine Development, Nanotechnology, Molecular Biology, Animal Tissue Culture, Chemical Industry, Food testing, Energy Production.

Skills Acquired:

Wet lab – Cell Staining techniques, Isolation and enumeration of organisms, Culture preparation, DNA/RNA extraction, Blood analysis, Protein Quantification assays, Plant Tissue Culture techniques, Titrimetric analysis, TLC, Paper Chromatography.

Dry Lab – Primer Designing, NCBI BLAST, CATH, SCOP, ANOVA, MS Excel

Instruments – High Performance Liquid Chromatography (HPLC), Fourier-transform Infrared Spectroscopy (FT-IR), Autoclave Bioreactor, Spray Dryer, Lyophilizer, Kjeldahl Unit, Sonicator, Nitrogen Purge System, Homogenizer, LAF, Inverted Microscope, UV Spectrophotometer, CO2 Incubator, AGE and PAGE unit.