



CHAUHAN ANKITA MAHENDRA

An innovative and creative individual with a passion for research and find solutions for the problems concerned to environment as well as human. I am a resourceful problem solver who is capable of quickly adapting to changing environments and making the most of any opportunity.

• **MH-SET 2024 Qualified**

CONTACT:

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📍 | Flat no.104, More Apt., Bhaji Market, Navapur Road, Boisar- 401501
Tal. & Dist. - Palghar

AREA OF INTEREST:

- Microbiology
- Clinical Data Science
- Environmental Biotechnology
- Immunology

TRAINING UNDERGONE:

1 month 10 days internship in QC/QA department of Chembond Pvt. Ltd.

LANGUAGE:

- English
- Hindi
- Marathi

EXTRA COURSES

1. MS-CIT in 2017
2. Drug discovery course from Coursera (2023)

PERSONAL DETAILS:

- Date of Birth : 06-10-2001
- Father's Name : Mahendra Chauhan
- Mother's Name : Maya Chauhan
- Nationality : Indian
- Gender : Female
- Marital Status : Unmarried
- Hobbies: Cooking , Calligraphy, Art

EDUCATION:

Course/ Exam	Year of Passing	Board/ University	Percentage/ CGPA
10 th / SSC	2017	Maharashtra	87.6
12 th / HSC	2019	Maharashtra	73.54
B.Sc. Biotechnology	2022	Mumbai University	9.88
Pursuing M.Sc. Biotechnology from University of Mumbai			
Sem1: SGPA-9.83			
Sem 2: SGPA- 10			
Sem 3: SGPA- 9.83			
Sem 4: Results awaited			

PROJECTS:

1. Antimicrobial activity of Fenugreek (*Trigonella foenum graecum*) & Marigold (*Tagetes erectus*) on isolated ampicillin resistant *S.aureus*. (DOI No.: <http://doi.org/10.53550/EEC.2023.v30i01s.070>) (Paper published)
2. Vegetable dump to Bioskimask
3. Encapsulation of zinc ferrite nanoparticles synthesized by isolated *Bacillus sp* in alginate hydrogel & its application as fertilizer

SKILLS :

Soft skills: Teamwork, Communication, Problem solving, Optimistic.

Hard skills: Computer skills (MS Word, MS Excel, MS PowerPoint)

Tools known : BLAST, SCOP, CATH, CLUSTAL OMEGA (Basic)

Software: SAP (Basic)

Clinical database/tool :- DGIdb, ProBis (Basic)

Laboratory proficiencies in:

- Screening of microbes,
- Preparation of media and chemicals,
- Isolation, culturing and maintenance of microbial culture, staining of microbes,
- Qualitative and quantitative analysis,
- Antibiotic Sensitivity test,
- Chromatographic techniques
- Extraction of DNA, Protein
- Blood cell separation, WBC separation,
- Counting of Blood cells.

Instruments operated:

- pH meter, Spectrophotometer, Colorimeter, Rotary shaker, Incubator, Centrifuge, Electrophoresis, Autoclave, Compound microscope, Turbidity meter, Viscometer, Magnetic stirrer, Laminar air flow, Hemocytometer, Hemometer