

## LinalMadgundi

E-mail: [madgundilinal@gmail.com](mailto:madgundilinal@gmail.com)

Mobile: +91-9834850557

### Objective:

- To work for an organization which provides me the opportunity to improve my skills and knowledge to growth along with the organization objective.

### Academic Qualification:

EXAM / DEGREE	YEAR	NAME OF INSTITUTE	UNIVERSITY / BOARD	PERCENTAGE / Grade (%)
M.sc Microbiology	2019	Modern College of Arts and Science, Ganeshkhind, Pune.	Pune University	62.75%
B.Sc.	2017	DBF Dayandand College of Arts and Science, Solapur.	Solapur University	79.19%.
12th Board	2014	DBF Dayandand College of Arts and Science, Solapur	Pune Board	60.46%
10 <sup>th</sup> Board	2012	ShriSiddheshwar girls High School	Maharashtra Board	81.27%

### Project summary:

**Title:** Screening of Actinomycetes for Bioemulsifier Production

**Tools:** Centrifuge, colorimeter, autoclave, spectrometer

**Description:** Actinomycetes produce a variety of metabolites, primary and secondary metabolites, antibiotics, exopolysaccharides and other useful compounds like bioemulsifiers. Bioemulsifiers are surface active agents produced by certain species of microorganism during their growth.

#### Responsibilities

- To screen actinomycetes for ability to produce bioemulsifiers using various methods
- Optimization of media and growth parameters for bioemulsifier production
- Purification and Characterization of bioemulsifiers
- Characterization and Identification of actinomycete culture.

### **Achievements:**

- Paper published in IJAPSA – Study of Progression of bacteria in rhizosphere of *Coriandrum sativum*
- 7th rank in 16th State Level Micro Olympiad

### **Job experience :-**

- I have 2 months of experience as assistant professor in dayanand college of arts and science, solapur

### **Technical Skills:**

- Knowledge of laboratory tests used in microbiology work
- Isolation and preservation of cultures of bacteria and other microorganisms.
- Isolation and Culturing of microbes from Soil Sample, air and water sample.
- Biochemical Test for Screening of Microbes.
- Staining
- Media preparation and culture handling
- Analytical skills like antibiotic sensitivity assay, thin layer chromatography, paper chromatography
- Anatomy and physiology of human
- Instrument handling :-
  - 1) Autoclave
  - 2) Laboratory incubator
  - 3) Laminar air flow
  - 4) Cooling centrifuge
  - 5) Analytical balance
  - 6) Spectrometer

### **Computer skills:**

- Basic knowledge about computer, MS- word, MS- Excel, MS- PowerPoint

### **Extra-Curricular Activities:**

- Second rank in Poster Competition conducted by Modern College of Arts and Science, pune.

- Attended International Conference on “Empowering Society with Microbial Technology”.

### Personal Details:

<b>Name</b>	:	Ms. Linal Devidas Madgundi
<b>Present Address</b>	:	S no62/1-B, patil colony opp. abhiruchi city pride, sinhagad road, vadgaon budruk, pune-411017
<b>Gender</b>	:	Female
<b>DOB</b>	:	11/09/1996
<b>Marital Status</b>	:	Single
<b>Nationality</b>	:	Indian
<b>Languages known</b>	:	English, Hindi , Marathi, Telugu

### Declaration:

I hereby declare that the above-mentioned information is correct up to my knowledge.

Place:

Date:

(Ms. LinalMadgundi)