

# **RESUME**

MANJULA MATHAPATI

Phone: +91-7483060311/7204568522

Email: manjulamathapati05@gmail.com

## **Career Objective:**

To get into a profession that is challenging and encouraging and offers great deal of exposure to latest trends. Being a person with determination and dedication nature, I will try my best for the betterment of organization.

## **Academic Details:**

<b>Academic Qualification</b>	<b>Institute/ University</b>	<b>Year</b>	<b>CGPA/Percentage</b>
<b>Master of Technology (Environmental Engineering)</b>	<b>Basaveshwar Engineering College, Bagalkot</b>	<b>2019</b>	<b>9.48 (87.30%)</b>
<b>Bachelor of Engineering (Biotechnology)</b>	<b>BasaveshwarEngineeringC ollege, Bagalkot</b>	<b>2017</b>	<b>8.94 (81.90%)</b>
<b>PUC II</b>	<b>BVVS INDP PU College,Vidyagiri, Bagalkot</b>	<b>2013</b>	<b>67.83%</b>
<b>SSLC</b>	<b>Basaveshwara high school Vidyagiri, Bagalkot</b>	<b>2011</b>	<b>86.24%</b>

## **Technical Skills:**

1. Can handle UV spectrophotometer, centrifuge, pH meter, PCR and TOC.
2. Have knowledge about solid waste management, water and wastewater treatment technology.
3. Have basic knowledge about HPLC instrument handling.
4. Having knowledge of using Bioinformatics and statistical tools.

### Strengths:

1. Smart worker with patience.
2. Good at communicating with people in a best way.
3. Presentation skills.
4. Fast learner and can work independently as well as in a team.

### Workshop/Training:

1. Participated in two days workshop on “**Industrial fermentation technology and Basic of animal cell culture-MTT ASSAY**” on 4<sup>th</sup> and 5<sup>th</sup> November 2015, at **Biozeen Bangalore**.
2. Participated in two days workshop on “**Skill Enhancement on HPLC Analytical Instrument**”, under TEQIP-2 conducted by Department of Biotechnology, BEC, Bagalkot on 7<sup>th</sup> and 8<sup>th</sup> November 2015.

### Industrial Internship

1. Gone through industrial internship in “**MYLAN LABORATORIES LTD, CEPHA BLOCK, BANGALORE**” for one month, from 1-7-2016 to 29-7-2016.
2. Gone through industrial internship in “**Godavari Bio-Refineries Limited, Mahalingapura, Mudhol, Bagalkot**” for two months, from 16-07-2018 to 16-09-2018. The production and ETP works were studied.

### Awards/Achievements

- **Participated in State Level Science Exhibition:: Topic:** Biofilm production and reduction of hexavalent chromium in leachate.
- **Secured first rank with gold medal in academics of Bachelor of Engineering (Biotechnology).**
- **Secured first rank with gold medal in academics of Master of technology (Environmental Engineering).**

### **PUBLICATION:**

Accepted paper by “INTERNATIONAL JOURNAL OF BIO-TECHNOLOGY AND RESEARCH ”

Paper ID: “IJBTRDEC20192”

Paper Title: “REMOVAL OF HEAVY METAL FROM INDUSTRIAL WASTE WATER USING BIOFILM PRODUCING BACTERIA”

## Projects

- **BIOFILM PRODUCTION AND REDUCTION OF HEXAVALENT CHROMIUM IN LEACHATE**

The biofilm producers were isolated and Hexavalent Chromium reduction was studied. The organisms with highest reducing capacity were then added to the leachate and percentage of reduction was observed.

- **REMOVAL OF HEAVY METAL FROM INDUSTRIAL WASTEWATER USING BIOFILM PRODUCING BACTERIA**

Studied biosorption technique for the removal of hexavalent chromium from electroplating industrial wastewater Belgaum. Two isolates *Bacillus species* and *Staphylococcus aureus* are used as biosorbents. The design of experiments i.e. Response surface Methodology (RSM) are carried out to optimize reduction process. Even enzymatic study is carried out to check the type of mechanism involved in the reduction. Both isolates in industrial wastewater shows complete reduction of Cr (VI).

## Personal details

**Date of Birth** : 05-06-1995  
**Gender** : Female  
**Father's Name** : IRAYYA  
**Mother's Name** : ANUPAMA  
**Permanent Address** : D/O IRAYYA P MATHAPATI  
17<sup>th</sup> CROSS VIDYAGIRI,  
BAGALKOT, KARNATAKA.  
**Languages known** : Kannada, English, Hindi.  
**Nationality** : Indian

I hereby declare that the above mentioned information is true to best of my Knowledge and I shall take liability of the above.

**Place:** Bagalkot

MANJULA MATHAPATI