

**BHAKTI GAJJAR**

**EMAIL: bhakti13gajjar@gmail.com**

**CAREER OBJECTIVE:**

A position to work in an organization where my skills can be utilized to enhance the growth of the department and I can acquire technical as well as theoretical skills to improve my knowledge and personality to tackle any future challenges put against me.

**WORK EXPERIENCE:**

- Adequate experience of Laboratory by following rules and regulation with considering safety measures.
- Great knowledge of various microbial experiments and chemicals experiments.
- Better understanding and handling of bacteria and viruses in the work environment.
- Strong scientific skills, excellent memorization skills, and adaptive learner.
- Good at learning and gaining more knowledge and hard work.
- Proficient with the use of Microsoft Office (Word, Excel, Outlook, PowerPoint) and Internet Explorer.
- Ability to work well in a team and individually.
- A level of communication, specifically convincing power.
- Ability to speak the multilingual language- Hindi, Gujarati, Spanish, and English
- Great with organizational, leadership, and management skills.
- Self-motivated, energetic, and detail-oriented towards any work

**RESEARCH PROJECT:**

- 6 Month- Food grade Nanoemulsion, Fabrication, properties, performance and biological fate.  
- Learned the Formulation for making sanitizers and Nano emulsion.
- 4 Month- Gene toxic assessments of blood enhancement chemicals.  
- Performed comet assay (single-cell gel electrophoresis) to study the amount of DNA That damage to the human blood by phenolic, organic, and fluorescent dyes.
- 3 Month- Feeding experiment on sail fin catfish  
- Performed a feeding experiment on two different species of fish and observed their food preferences.

**INSTRUMENTATION ABILITY:**

Centrifuge, Bright field microscope, UV- visible Spectrophotometer, Micro plate reader, Flow cytometer, chromatography, PCR, Probe sonication, DLS( Dynamic light scattering), Microbial culture techniques, Animal cell culture techniques

**PROFESSIONAL EXPERIENCE:**

- **INDUSTRIAL TRAINING ( 1 MONTH)** June 2019- July 2019  
AMUL Dairy Manufacturing LTD.  
Anand, Gujarat.
- **QUALITY LABORATORY AT MILK AND MILK PRODUCTS DEPARTMENT :**  
Milkoscan, desiccator, Gerber method for fat separation,  
Check properties like fat solids, salt moisture in dairy products, acidity, PH, titration
- **QUALITY LABORATORY AT CHOCOLATE DEPARTMENT:**  
Check protein content, moisture, titration, temperature, and physical analysis.
- **PART TIME JOB (3 MONTH)** January 2020- March 2020  
GUJARAT LABORATORY- FOOD, WATER, AND PHARMACEUTICAL LAB.  
- Food Quality department- microbial analysis: pathogens,  
Typical enumerations, Environmental monitoring, and shelf life analysis.  
Chemical analysis: nutritional value, heavy metals and pesticides residue.

## **BHAKTI GAJJAR**

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- **CAKE BAKER JOB (2 MONTH)** October 2020- December 2020  
CHOCOLATE ROOM CAKES N BAKES, NADIAD  
Can bake a chocolate cake, red velvet cake, vanilla cake,  
Cheesecake, good with piping and layering and also make  
Customize cakes.

### **EDUCATION:**

**Food Science Technology (Fast Track) Advance Diploma** January 2021- April 2022  
Centennial College, Scarborough, Ontario.

**Bachelor of Science in Life Science (Honors)** August 2016- April 2020  
Division of Biological and Life Sciences,  
AHMEDABAD UNIVERSITY.

**Higher Secondary** June 2014- March 2016  
GSHEB  
Ahmedabad

### **VOLUNTEER WORK:**

- Head leader of the workshop of **FOOD SCIENCE DETECTIVES** for three days to instruct the experiments to check the quality of food products.
- Instructor for workshop **IDENTITY HINT** to train students to detect fingerprints.

### **ACHIEVEMENTS:**

- Successfully completed **Food Processing Technology And Quality of Food**, an online certificate Program by Alison September 2020

### **EXTRACURRICULAR ACTIVITY:**

- Member of the Organizing Committee of the science fest “Chiasma 2020” at Ahmedabad University
- Member of the Cultural Committee for the science fest “Chiasma 2019” at Ahmedabad University.
- Assign for the decoration of the event to handle all the decorations at fest “Chiasma 2018” at Ahmedabad University.
- Group Dance winner at 2<sup>nd</sup> position in Chiasma 2019