

# BASANTHAM DIVYA

M.Sc. Microbiology



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Hyderabad, Telangana

## Education

**2020-2022**

**M.Sc. Microbiology**

Osmania University  
Results Awaiting

**2017-2020**

**B.Sc. Microbiology**

SNVMV  
Percentile : 94%

**2015-2017**

**Intermediate (BiPC)**

TSRJC  
Percentile : 91%

**2015**

**SSC**

St. Mary's High School  
Percentile : 90%

## Languages

Telugu

Hindi

English

## Hobbies

Music

Art Work

Learning

Puzzle games

Cooking



## Career Objective

Seeking a challenging position in a reputed organization where I can learn new skills, expand my knowledge and make the best of my potential to the organization's growth.



## Project Thesis

"Probiotic Characterization and Evaluation of their Therapeutic roles in Anti-hypercholesteremic and Anti-inflammatory activity".



## Key Skills

- Attention to detail
- Patience
- Decisiveness
- Independence
- Numerical Skills
- Analytical Skills
- Innovative



## Lab Techniques

- **Microbiology** : Equipment Handling, Aseptic techniques, Staining, Sterilization, Isolation, Media Preparation.
- **Medical** : Blood Cell Count, Blood grouping, Agglutination tests, Basic Identification of Pathogenic bacteria.
- **Food Microbial technology** : Mushroom cultivation, Probiotic Characterization , Microbial examination of food products.
- **Pharmaceuticals** : Sterility testing for medicines and cosmetics, Drug/ antibiotic sensitivity testing.
- Basic idea on DNA isolation, PCR, Gel electrophoresis & Cloning.



## Seminars

"Ascent of Microbiome research for Nutrition and Health"- Organized by Department of Microbiology, Osmania University.



## Awards and Certifications

- Actively participated in School Science fair competition.
- Received medals and trophies in essay writing competitions.
- Received gold medal for securing highest marks in B.Sc.
- "Osmania Taksh 2022 " - model and poster presentation.
- National PG Merit Scholarship for "University Rank Holders" by University Grants Commission.