

# Prathibhaa R

Under Graduate student

A Passionate Under Graduate student looking forward to apply my 4 years of theoretical and practical experience in the field of Biotechnology, refined organizational skills and problem solving mindset to contribute to an academic environment and to acquire the essential knowledge and experience during the Post Graduation program for creating successful bioscience systems in the future.

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## EDUCATION

### 10th Grade

Kendriya Vidyalaya IIT (CBSE)

04/2017 - 05/2018

399/500 - 80%

### 12th Grade

Kendriya Vidyalaya IIT (CBSE)

04/2019 - 05/2020

423/500-85%

### Under Graduate-BTech Biotechnology

Saveetha School of Engineering

08/2020 - Present

CGPA-8.6

## STRENGTHS

Responsible

Enthusiastic

Hardworking

Self-motivated

## TECHNICAL SKILLS

☆ ChatGPT

☆ Canva

☆ Excel Sheets

## ACHIEVEMENTS

### Academic Topper

Overall Academic topper for the year 2022-2023

### Subject topper in 12th grade

Biology

### 37th /50 rank holder

For the year 2022-2023 (3rd year)

## SKILLS

Communication

Leadership

Active Listening

Adaptability

Creativity

Skill

## PERSONAL PROJECTS

### Prevention of Formation of Biofilms

- Carried out experiments to extract probiotic bacteriocins from bacterias extracted from non-conventional food sources like cabbage(*Brassica oleracea*) drumstick tree (*Moringa oleifera*), which was tested against biofilms of *Serratia*, *Pseudomonas*, *E.coli* and *Streptococcus*, to determine efficiency over antibiotic streptomycin.

### Herbal Cockroach Repellent Chalk

- Prepared a prototype of a repellent chalk against roaches using potent essential oils.

## CERTIFICATES

### Innotech 2023 SIET Satellite Conference

Held at Asia Pacific University, Malaysia

### Recent Advances in Biotechnology and Environmental Health research(RABEHR-2021)

At SRM Institute of Science and Technology

### MICROBIOFIESTA 2021

VIT, Institute of Science and Technology

## WORKSHOPS AND INTERNSHIPS

### Workshop-Marine Biofilms

a hands-on workshop on marine biofilms, at Sathyabama University, Tamilnadu

### Internship- Lifecell International

a stem cell bank. Had the opportunity to closely observe the storage and processing methods of stem cells and various other biological samples.

## LANGUAGES KNOWN

English, Hindi

Full Professional Proficiency

Tamil

Native or Bilingual Proficiency

German

Elementary Proficiency

## INTERESTS

Art

Music

Yoga