



Radhika Kanabar

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Education

B.Ed | Maths, Science

Saurashtra University
2022-2024

**Sem1 - 88% | Sem2 - 85%
Sem3 - 87% | Sem4 - 98%**

M.sc | Microbiology

Charusat University Anand (P D Patel
Institute of Applied Science)
2020-2022
CGPA - 6.01 | SGPA - 8.00

B.sc | Microbiology

Marwadi University
2018-2020
CGPA - 6.28

HSC | Science - B Group

Shree KVKV School
2017
Result - 60PR

SSC

Sarvodaya School, Rajkot
2016
Result - 91.66PR

Skills

- Communication
- Subject Expertise
- Engaging Teaching Style
- Time Management
- Student Motivation and Confidence Building
- Lesson Planning and Curriculum Development
- Fostering Positive Behavior
- Assessment and Evaluation Techniques

Professional Teaching Experience

Present

Competitive Programming Coaching

Guided students in preparation for various competitive exams, including:

- Science Olympiad Foundation (SOF)
- International Mathematics Olympiad
- **Navodaya Exam**
- **NEET and GUJCET**
- NDA Army Entrance Test
- Sainik and Balachadi Entrance Exams

2018
-
Present

personalized tuition

Board: ICSE, CBSE, GSEB, NIOS

- Provided personalized tuition for students across ICSE, CBSE, and GSEB boards, ranging from **5th to 12th grade**.
- Specialized in creating **customized lesson plans** to meet the unique needs of each student.
- Helped students **improve academic performance, clarify doubts**, and excel in their exams.

2023
-
2024

Spectrum Classes

Subject : Biology (12th Science)

- **Teaching Biology** to 12th-grade Science students, focusing on key concepts and exam preparation.
- Creating **interactive lessons** and activities to enhance student understanding and engagement.
- Providing **regular assessments and feedback** to track progress and ensure exam readiness.

2022
-
2023

Mirambika English Medium School

Subjects: Maths and Science

- Taught **students from 5th to 8th** grade in Maths and Science.
- Developed engaging and interactive lessons to simplify complex concepts for students.
- **Monitored student progress**, provided constructive feedback, and improved academic results.

2018
-
2019

IIS Classes

Subjects: Evs, English Grammar, Science and Maths

- Taught **students from 1st to 8th** grade, tailoring lessons to individual learning needs.
- Helped students improve understanding and academic **performance in core subjects**.
- Created a **positive and focused learning environment** to encourage student growth

Research Experience

Dissertation Student (M.Sc. Project)

Topic: Method for Extraction of Polyhydroxyalkanoates (PHA)

Supervisor: Dr. Bragdish Iyer

- Conducted research on Polyhydroxyalkanoates (PHA), biodegradable plastics derived from microbial origin, which offer greener alternatives to conventional plastics.
- Investigated PHA as a biomass source, with potential applications in packaging materials, agriculture, and pharmaceuticals.
- Gained proficiency in various microbiological and molecular biology techniques related to the extraction and characterization of PHA.

Laboratory Skills

- **Microbiology Techniques:** Microbiological handling as per containment regulations, microbial physiology studies, isolation, characterization, culturing, and maintenance of microorganisms.
- **Protein-Related Techniques:** Enzyme assays, basic knowledge of chromatography, SDS-PAGE.
- **Molecular Biology:** Bacterial DNA isolation, basics of agarose gel electrophoresis.
- **Microscopy:** Practical knowledge of light microscopy.

Computer Skills

- **Microsoft Word:** Advanced proficiency in creating, formatting, and editing documents.
- **Microsoft PowerPoint:** Skilled in creating presentations with multimedia elements and animations.
- **Microsoft Excel:** Basic knowledge of spreadsheets, data entry, and simple formulae.
- **Basic Computer Knowledge:** Understanding of basic computer operations, file management, and internet usage.
- **Email and Communication Tools:** Familiar with email services (e.g., Gmail) and video conferencing tools (e.g., Zoom).

Personal Dossier

- **Date of Birth:** 29th January 2000
- **Permanent Address:** Junction Plot Street No. 12, Block No. C/4 "Om Shivam" Apartment, Rajkot-360001
- **Linguistic Abilities:** English, Gujarati, Hindi