



Rashmi JD

Professional Title

Enthusiastic and knowledgeable recent graduate with a strong academic background in physics. Driven by a passion for teaching and inspiring students, I am eager to bring fresh perspectives, creative lesson plans, and a commitment to student success to a degree college setting. Equipped with excellent communication skills, a keen interest in research, and a dedication to fostering a positive learning environment, I look forward to starting my journey as an educator and making a meaningful impact.

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📍 Vijapura, India

EDUCATION

M.Sc.Physics

Karnataka State Akkamahadevi Women University

12/2022 - 09/2024

7.18 CGPA

B.Sc

S B Arts & K C P Science PU College

2019 - 2022

77.24 %

PUC

Chetana PU College

2017 - 2019

71.5%

SSLC

Government High School Manur

05/2017

84.80%

PERSONAL PROJECTS

1.Spector scopic investigation of fruit juice of cucurbitaceae (2023 - 2024)

- Cucurbitaceae is a family of health-promoting plants due to their compounds with beneficial and antioxidant effects. The aim of this study was to analyze the ultraviolet spectra of fruit juices obtained from seven different species of the Cucurbitaceae family cultivated in Vijayapura, namely Wild melon, bitter gourd, Little wild gourd, Gooseberry cucumber, Ash gourd, Black gourd, Snake gourd. The samples of juice spectra in the range 190nm to 1100nm were recorded and analyzed to calculate the energy gap between HOMO and LUMO using UV-Vis Spectrophotometer for all the seven species. Some of the findings raise interest to explain the shift of maximum lambda for different concentrations of samples to understand Bathochromic(Red shift) and Hypsochromic(Blue shift). These results of spectral investigations throw a light upon the type of electronic transitions occurred in the variety of Cucurbitaceae samples process. Both wild and normal cucurbits are compared individually.

SKILLS

Lesson Planning and Organization

Good Communication Skills

Research and Analytical Skills

Collaboration and Teamwork

Creativity in Teaching

Classroom Management

Emotional Intelligence

CERTIFICATES

1. Participated in one-Day Seminar on "Science Communication in Regional Language" organised by Indian Science Congress Association (01/2024)

2. Participated in one-Day Captaincy Development Workshop On Career Information Support for Career Speaker organised as part of International Women's day (04/2024)

3. Certificate of course Diploma In Water and Soil Testing (2020 - 2021)

4. Certificate on Successfully completing the Tally ERP-9 Level 1 (08/2021 - 10/2021)

5. Domestic Data Entry Operator (SSC/Q2212) National Skill Qualification Framework LEVEL 04 (2021)

LANGUAGES

KANNADA
Native or Bilingual
Proficiency

English
Full Professional Proficiency

INTERESTS

Travel and Cultural Studies

Workshop and Seminar Participation