

# RUCHA GITTE

M. Sc. Chemistry



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📍 Hyderabad, India

## PROFILE

I am a dedicated and hard-working student pursuing post-graduation in chemical science. Driven by a passion for a career in the research field, I am currently gaining hands-on experience in analytical techniques and computational chemistry.

## PROJECT AND INTERNSHIP

### Computational Studies of Molecules for CO<sub>2</sub> Capture.

CSIR-Indian Institute of Chemical Technology, Hyderabad  
12/2024 – Present

## LANGUAGES

English

Hindi

Marathi

## EXTRACURRICULAR ACTIVITIES

### NSS

Participated in National Service Scheme during undergraduation where I was actively engaged in community service initiatives making positive impact on society

## EDUCATION

### Master of Science (Chemical Science)

Central Tribal University of Andhra Pradesh  
2023 – 2025 | Vizinagaram  
84.08%

### Bachelor of Science (Chemistry)

Vaidyanath Science College, Parli V.  
2018 – 2021  
66.85%

### Higher Secondary Education

Shree Datta Science College, Hadgaon.  
2015 – 2017  
50.46%

### Secondary School Education

Shree Jagamitra Naga Vidyalaya, Parli V.  
2014 – 2015  
80.80%

## SKILLS

### Analytical Skills

Column Chromatography,  
Thin Layer Chromatography,  
Fourier Transform Infrared Spectroscopy,  
Gas Chromatography,  
Cyclic voltametry

### Computational Skills

Gaussian Software,  
Orca,  
ChemDraw,  
Avogadro.

### Instruments

Operated rotary evaporator  
UV Spectrophotometer

## ADDITIONAL CERTIFICATIONS

### Computational Quantum Chemistry

NPTEL-Swayam  
01/2025 - 05/2025

### Fundamentals of Spectroscopy

NPTEL-Swayam  
01/2024 - 4/2024

### Advances in Chemical Sciences

Lecture Workshop