

Divya Choudhary

chaudharydivya1997@gmail.com

Mobile: +91 8077567922/8920622530

Objective

To take up a challenging and high-performance oriented role and implement the expertise and Experience gained in the field of chemistry throughout my academic career and in my previous work experience to ensure efficiency and quality in my work.

Professional skills

- Writing review paper
- Analysis using of gas chromatography and high – performance liquid chromatography.
- Practical knowledge of Troubleshooting on the gas chromatography system.
- Analysis and computational work of signals and peaks on the gas chromatography system.
- Slide preparation (column chromatography)
- Testing samples
- Compound synthesis
- Laboratory work
- Preparation method
- Monitoring and maintenance record and data
- Teaching from 10th onwards to graduation level

Educational Qualifications

Bachelor of education

Nov 2021

Masters of Sciences (M.Sc.) (specialization in Organic Synthesis)

Aug 2017-Sep2019

- Studied polymer chemistry
- Studied organic synthesis
- Studied environmental chemistry
- Studied medicinal chemistry
- Worked in laboratory with various equipments

Bachelor of Sciences (B.Sc.)

Aug 2015- Nov 2017

- studied in zoology , botany and chemistry
- slide preparation
- spotting
- worked in lab

Senior Secondary School Examination (CBSE)

May 2014

Secondary School Examination (CBSE)

May 2012

Work Experience

Junior Research Assistant

Project work: Synthesis, Characterization and Application of slow-release nitrogen fertilizer with soil Chemical properties.

Sep 2021 – Jan2022

Role of slow-release fertilizer:

Sep 2021 – Jan2022

- Explained their effects and application.
- Review of biodegradable material used and their effects on the environment.

Valorisation and Significance of sugarcane Bagasse (Published in International Journal of Agricultural and Statistical Science).
Nov 2021

CSIR -IIP lab work - analysis using gas chromatography and mass spectrometry. June 2022- July2022

Teaching Experience Level: Teaching of Biology and Chemistry 2019-2021

- Graduation Level
- Senior Secondary Level
- Higher Secondary Level

Achievements and Certificates**Teaching Eligibility Test Certificates**

- Central Teacher Eligibility Test Qualified of upper primary level with 60%. (2021)
- Central Teacher Eligibility Test Qualified of primary level with 61%.(2022)
- Uttar Pradesh Teacher Eligibility Test Qualified of primary level with 60%.(2021)
- Uttar Pradesh Teacher Eligibility Test Qualified of upper primary level with 56.8%.(2021)
- Paper Published in **International Journal of Agricultural and Statistical Science (IJA)** (link : [\(PDF\) VALORISATION AND SIGNIFICANCE OF SUGARCANE BAGASSE: A REVIEW \(researchgate.net\)](#) (2021).
- Certificate of **National Intellectual Property Awareness Mission (NIPAM)** (2023).
National seminar certificate on Innovative Techniques in Scientific Research and Skill Development (2020).
- Certificate of workshop on exposure of analytical instruments to Undergraduate Students. (2017).

Strengths

- Analytical Mind.
- Leadership Quality.
- Problem Solving Attitude.
- Continuous Learner.
- Effective Communication
- Creative Approach.

Interest

- Preparation of compounds
- testing samples
- presentation
- writing paper