

MAHIMA PUROHIT

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OBJECTIVE

Seeking an entry level position to start the career where I could perform my knowledge and training experience for the better growth of the firm. Key skills -Good command over use of chemicals. -Practical knowledge of chemical testing. -Can take quick action as required. -Maintain safe and clean environment. -Aware about the safety rules while using chemicals.

INTERNSHIP

- Synthesized a curcumin derivative during internship at Lucknow University (june 2022 -july 2022)

EDUCATION

- **Chandigarh university**
2023
MSc. Chemistry
8 cgpa
- **Teerthanker mahaveer university**
2021
BSc. Honours chemistry
85%

LAB WORK SKILLS

- Column chromatography
Thin layer chromatography
Potentiometer
Spectroscopic techniques
Synthesis
Extraction

SKILLS

- Ability to work under pressure
- Communication skills
- Friendly and outgoing attitude
- Adaptability
- Time management skills

ACHIEVEMENTS & AWARDS

- I wrote a review article on boron neutron capture therapy that deals with cancer treatment through radiation and it has been published in Materials Today proceedings (December 2022)
- One paper of mine is already published in bulletin of pure and applied sciences which is about excess molar volume of binary liquid mixtures (june 2021)

CERTIFICATES

- Avogadro
- Schrodinger

ACTIVITIES

- 1st prize in poster making competition organized by ACS club of Chandigarh university (2022)
- 2nd prize in poster making competition (2019) 1st prize in poster making competition (2018)

PUBLICATIONS

- **Boron neutron capture therapy history and recent advances**

<https://doi.org/10.1016/j.matpr.2022.12.181>

- **Excess Molar Volumes of Binary Liquid Mixtures of Ketocyclohexane (C₆H₁₀O),+ CH₂Cl₂,+ CHCl₃,+ CH₂ClCH₂Cl,+ CHClCCl₂, and+ CCl₃CH₃ at 303.15 K**

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[hl=en&as_sdt=0%2C5&q=Mahima+purohit+&btnG=#d=gs_qabs&t=1674142532230&u=%23p%3DwTSt3s8dnZMJ](https://scholar.google.com/scholar?hl=en&as_sdt=0%2C5&q=Mahima+purohit+&btnG=#d=gs_qabs&t=1674142532230&u=%23p%3DwTSt3s8dnZMJ)

LANGUAGES

- Hindi
- English