

VAIJANT RAJUSINGH PATIL

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“Maha-Raj”, Plot No. 4, Malu Layout, Parag
Township, Behind Ram Nagar
Amravati M.S., 444606

Looking for opportunities to incorporate my skills and training to help the company grow. I am looking forward to roles that will help me realize my potential by exploring the various aspects of this field.

EDUCATION

M.Sc.	Physical Chemistry, Savitribai Phule Pune University, Pune 52%	December 2020
B.Sc.	Chemistry, Fergusson College, Pune, 60%	June 2017
XII	HSC (Science), Vidya Bharati Junior College, Amravati 60%	June 2013
X	SSC, Dyanmata High School, Amravati 76%	June 2011

RESEARCH EXPERIENCE

Effect of Sonification Time on Optical and Morphological Properties of Methyl Ammonium Lead Iodide, Savitribai Phule Pune University, Pune

Advisor: Prof. Anjali Athawale

- It Implies that the band gap energy is same and morphology is also same for the perovskite irrespective to its time of sonication.

PRESENTATIONS AND WORKSHOPS

- 8 Workshops on Instrumental Analytical Techniques.
- Workshop on Genarating Google Forms and Certificates.
- 2 Workshops on Practicing ChemDraw, Origin and Mendeley Tools.
- 2 Workshops on Computational Chemistry.

PROFESSIONAL WORK EXPERIENCE

Unichem Laboratories Ltd

January 2021 - January 2022

At Roha, Raigad, Maharashtra, India

- An Active Pharmaceutical Ingredient Plant (API)

Over the course of 1 Year in my Role as a Trainee at the company I fulfilled the following duties:

- 1) Daily Calibration of Weight Balance and pH meter.
- 2) Monthly Calibration of Weight balance.
- 3) Documentation section Handling.
- 4) Karl Fisher Tiamo 2.5 Calibration
- 5) UV Cabinet System Suitability Test.
- 6) Wet Lab Work like Loss on Drying (LOD), Sulphated Ash (ROI), Melting Point.
- 7) Melting point System suitability test
- 8) Water Analysis
- 9) Tap density Calibration
- 10) Refractometer Calibration
- 11) Melting point Calibration
- 12) Autotitrator Tiamo 2.5 Calibration
- 13) UV – Visible Spectrophotometer Calibration
- 14) FTIR Calibration
- 15) Polarimeter Calibration
- 16) HPLC (Water's, Shimadzu) Partial Calibration

LANGUAGES

English: Professional Advanced efficiency

Marathi/Hindi: Native speaker, Distinguished Reading and Writing

German: Intermediate Listener, Novice Speaker, Reading and Writing

COMPUTER SKILLS

Programming: Grade C, C Programming, Seed Infotech, Pune

Operating Systems: Windows 10, 7, XP

Platforms: Microsoft Office Word, Excel, PowerPoint, Google Platforms, Video-Conferencing across platforms

OTHER

Interests/Hobbies: An avid lover of film and music, Basketball player, Travel enthusiast.

Citizenship: Indian Passport Holder

Marital Status: Single

Date of Birth: 30/05/1995

REFERENCES

Prof. Anjali. A. Athawale, [Head of Department]

[Department of Nuclear Chemistry]

[Savitribai Phule Pune University]

[At Ganesh Khind Road, Shivaji Nagar, Pune]

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Mr. P.M. Weginwar, [Assistant General Manager, A.G.M]

Quality Control Department

[Unichem Laboratories Ltd.]

[99, MIDC Area, Roha]

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