

MSC Physical chemistry

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Personal Information

Address

A/P-Math pimpri Tal-Shrigonda Dist-Ahmednagar Pincode-413726

Date of Birth 22.10.1999.

Gender Female

Marital Status Unmarried

Nationality

Languages English, Hindi, Marathi

ACADEMIC BACKGROUND

Master of Science Physical Chemistry Nowrosjee wadia college , Pune 411001 Savitribai Phule Pune University, Pune.	74.15%	
Bachelor of Science in Chemistry		
Tuljaram chaturchand college of Baramati 413102 Savitribai Phule Pune University ,pune	80.31 %	
Higher Secondary School		
Maharashtra State Board of Secondary and Kopargaon Higher Secondary Education,Pune.	66.92 %	
Secondary School Certificate		
Maharashtra State Board of Secondary and Higher Secondary Education,Pune.	87.40%	
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Career Overview

Career

Master in M.Sc. (Physical Chemistry) with Good Educational Background. Achieved Industrial work competency By Pharmaceutical Industry ready course certification with carrier objective is seeking an entry level position in Quality control /Quality assurance/ Research and Development functions the pharmaceutical sector to use and develop my knowledge and skills with the profit of the organization.

Contact number : 7875974173

Pharmaceutical + Instrumentation Skill

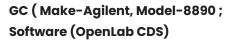
Completed Professional training course of 'Advance QC QA and R & D techniques in pharmaceutical industry (Chemistry)' conducted by 'VISHWA CONNECTOME PVT LTD'. PUNE, on following Instruments.



HPLC (Make-Agilent, Model-1260
Infinity ; Software (OpenLab CDS)
Principle

- Function of module
- Normal/reverse phase
- Isocratic/gradient elution
- System suitability
- Hands-on (operation)
- Calibration





- Principle
- Mechanism
- System suitability
- Hands-on (operation)
- Calibration



UV - Visible Spectrophotometer:

- (Make: Shimadzu; Model UV-1900 i)
- Principle
- Mechanism
- Hands-on (operation)
- Calibration



Dissolution Test Apparatus : (Make:Labindia ModelDS8000)

- Definition
- Purpose of dissolution
- Hands-on (operation)
- Type of instrument
- Part & function
- S1, S2, S3 stage criteria
- Hands-on (operation)
- Calibration



Disintegration Test Apparatus: (Make : Labindia; Model-DT 1000)

- Definition
- Mechanism
- Hands-on (operation)
- Calibration
- Disintegration test conditions asper IP,BP,USP



Analytical Balance (Make:Shimadzu;Model:-ATX224)

- Principle
- Mechanism
- Hands-on (operation)
- Calibration



Karl Fischer apparatus (Make:Metrohm, Model: Eco KF)

- Principle
- Mechanism
- System suitability
- Hands-on (operation)
- Calibration



pH meter (Make - Labindia; Model - PICO+)

- Hands-on (operation)



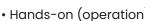
Friability test apparatus (Make - Labindia; Model FT1020)

- Definition
- Mechanism
- Hands-on (operation)
- Calibration
- Test Limits

Potentiometric Autotitrator (Make:Metrohm, Model: Eco)

- Definition
- Mechanism
- Hands-on (operation)
- Calibration

• Principle Mechanism





Course Contents

Practical Skill set with respect to pharmaceutical testing techniques with Independent Operation:

Basic Techniques- Weighing, Pipetting, Dilution, GC, HPLC Operations, Analytical Balance Operation and Calibration, UV- Visible Operation-Assay, Identification ,Dissolution test by UV, pH Operation and Calibration, Operation of Friability Test Apparatus, Disintegration Test Apparatus, Digital Melting point, Potentiometric Titrations, Karl Fisher Analysis, Dissolution test apparatus , Flame Photometer ,Colorimeter ,(Analysis performed on Market samples and raw materials)

Understanding for Theoretical Concepts:

Regulatory Guidelines, cGMP, GLP, GDP, 21CFR Part 11, SOP Preparation, Change Control, Incidences, Deviation, OOS, OOT, IPQA, Internal Audits, QMS, Quality documents preparation, Document control. Analytical method Development, Validations, Reference Standard Preparation. Knowledge about Process Research including literature search, Feasibility studies, Process Optimization and Scale up, Column Chromatography, TLC Analysis. Operations related to manufacturing plant under cGMP, Batch Manufacturing Records, Process Validations, Cleaning Validations.

Industrial Visit :

• Lavender Labroteries Pvt .Ltd ,Kurkumbh.

Skills :

- Power Point Presentation ,word, Excel
- MS-CIT
- Good Team work
- Potential to deal Stress

Hobbies & Interests :

- Traveling
- Painting
- Listening Music
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Declaration:

I do hereby declare that the above particulars of facts and information stated are true, correct and complete to the best of my belief and knowledge.

Place -

Date -

MAHAMUNI VAISHNAVEE BALKRUSHNA