

CURRICULUM VITAE

Ms.Sakshi Santosh Marne

Research Assistant

Tata Chemical Innovation Centre-Pune

Mobile: 7875214053

sakshimarne752@gmail.com

Education

- ★ MSc. Analytical Chemistry , Baburaoji Gholap College, Sangvi, affiliated by SPPU (July 2024)
First Class (69.80%)
- ★ BSc. Chemistry , Anantrao Pawar College, affiliated by SPPU (April 2022)
First Class with Distinction (74.32%)
- ★ H.S.C, Mamasahab Mohol Jr. College, Pune (May 2018)
First Class (61.85%)
- ★ Analytical Instrumentation Certification Course, MAGS-IATRC Research and Training Private Ltd.

Industrial Experience:

Position: Research Assistant (july 2024-till date), Tata Chemicals Ltd. Innovation Centre,Pune.

Skills

- Analytical Chemistry
- Instrumental Analysis
- Research and Development
- Laboratory Techniques
- Data Analysis

Job Responsibilities and Synthesis Methods

- Conducted reaction setup, monitoring, workup of compounds from mg to kg scale .
- Developed new synthesis methods aimed at maximising yield and achieving high purity
- Conducted detailed analysis of highly dispersible silica as per standard analysis methods used for silica analysis.
- Synthesized and characterisation of organosilanes,
- Maintained lab journals ,Laboratory information management system (LIMS)

Characterization and Analytical Techniques

- Proficient in analytical techniques-
- GCMS
- HPLC
- DSC
- KF autotitrator
- BET surface area analysis
- UV visible spectrophotometer
- CHNS
- Dissolution test apparatus
- MPAES
- Malvern particle size analyzer
- FTIR

Personal Details:

- Ms.Sakshi Santosh Marne.
- Date of Birth : 24th Feb 2001
- Gender: Female
- Marital Status: Unmarried
- Nationality: Indian
- Languages Known : Marathi,English,Hindi.

References :

Dr.Sumant Phadtare, Senior Scientist - Performance Materials Tata Chemical Innovation Centre Pune.

Email : sphadtare@tatachemicals.com Contact No.+91 9764440619

Dr.Mayura Lolage, Scientist Performance Materials, Tata Chemicals, Innovation centre,Pune .

Email: mlolage@tatachemicals.com Contact No.+91 9561744151