

Mr. Sagar Dnyaneshwarrao Pimple

Co-operative Bank Colony, Meher Nagar, Chandur rly, Dist.: -Amravati

Contact: 9890968987; Email: sagar.chemicalengg@gmail.com

Chemical Engineer

Seeking a position in an organization that provides me ample opportunity to explore while carving out the niche for personal, professional as well as organizational goals

Professional Experience:

Earthcare Labs Private Limited, Nagpur (Maharashtra)

Duration: Sep. 2016 to present (4 + years)

Designation: Dy. Technical Manager

- Method verification & method validation for MP-AES.
- Developing technical SOPs to be followed at the laboratory.
- Conducting training sessions for technical difficulties.
- Coordinating between field officers & chemist, helping out to chemist in their difficulties, to check out regular calibration of instruments to authenticate results, to verify results with calculation & field sheets before approving results.
- Checking correctness of analysis by ion balancing.
- Involved in performance audit of APC instruments in industries.
- Conducting training session for field staff & chemist for careful sampling & analysis.
- Handling activities of NABET and NABL accreditation process.
- Handled sophisticated instruments like Gas Chromatography, AAS, MP-AES, UV-Spectrophotometer, Vis. Spectrophotometer, Flame photometer etc.

Jubilant Life Science Limited, Gajraula (Uttar Pradesh)

Duration: April 2015 – July 2015 (4 Months)

Designation: Senior Engineer

- Worked in Incinerator plant

Solar Industries India Limited, Nagpur (Maharashtra)

Duration: Oct'2011-Jan'2014 (2.3 years)

Designation: Assistant Manager

- Worked as Assistant Manager (production) of chemical plants namely PETN, PIBSA, Zinc Nitrate, Sodium Nitrate, Sorbiton Monooleate (SMO).
- Conducting quality inspection of various finished products, testing of raw material for critical parameters, assigning activities for shift chemist, conducting various R&D trail runs in R&D plant.
- Conducting quality audits for process plant, release of raw material to process plant after thorough inspection;

- Handled various chemicals flammable chemicals such as TNT, Lead Azide, Maleic anhydride, Ammonium Nitrate, Sodium Per chlorate, Sodium Nitrate etc.
 - Worked in QC and R&D department, involved in development of new compositions, better storage life and the substitutes for the ongoing raw material.
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Educational Credentials:

Master of Technology (Chemical Engineering), 2011

Institute: National Institute of Technology, Durgapur; (West Bengal)

Percentage: 71.30%

Bachelor of Technology (Chemical Technology), 2009

Institute: Laxminarayan Institute of Technology, Nagpur; (Maharashtra)

Percentage: 63.10%

HSC, 2005

Institute: Z.P High School; Chandur Rly

Percentage: 71.33%

Matriculation (SSC), 2003

Institute: Z.P High School; Chandur Rly

Percentage: 75.06%

Computer Skill: MS-CIT , SAP (Quality Module)

Trainings:

- ❖ Sampling & analysis for Workplace, Indoor & Ambient Air – Interactive Training conducted by Dr. S.K.Tyagi (Former Additional Director, CPCB and Lead Assessor-NABL).
 - ❖ Summer training at Indian Oil Corporation Ltd. (IOCL) (Grease Plant, Navi Mumbai) 15th May'08-16th Jun'08
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Projects Undertaken:

❖ M. Tech (Chemical Engineering)

Institute: National Institute of Technology, Durgapur; (West Bengal)

Project Name: Rheological and pressure drop study of coal water slurry.

Project Synopsis: Slurry transport is the complex phenomenon. Typical industries which includes solid handling are paint industry, polymer industry, thermal power stations etc. From rheological and transport studies, it is revealed

that there is inter-relation between these. So without clear understanding of it, it is quite difficult to plan and design slurry flow system. The aim of project is to study the rheological & transport behavior inter-relation of coal-water slurry and to develop correlation for prediction of slurry viscosity incorporating the parameters average particle size, particle size distribution, slurry density and size fraction.

❖ **B. Tech (Chemical Technology)**

Institute: Laxminarayan Institute of Technology, Nagpur; (Maharashtra)

Project Name: Design of OFM Reactor & Biodiesel Production from Karanja Oil in OFM Reactor.

Project Synopsis: This project work deals with the production of biodiesel from Karanja oil & to study its characteristic properties. The OFM reactor used is designed in-house by SS material. Average time for production of biodiesel in this reactor is 10-12 minutes. We have studied various ratios of methanol to oil to get the best results in terms of productivity and its specified properties.

❖ **Summer Training Mini Project**

Organization: Indian Oil Corporation Ltd. (IOCL) (Grease Plant, Navi Mumbai)

Project Name: Material Balance & Grease, Water Losses in Plant

Project Period: 15th May'08-16th Jun'08

Project Synopsis: This project is in accordance with actual and theoretical losses in the process. We have calculated the water losses on input & grease losses in the process. We have calculated the material balance for 5 grades of grease and found that the deviation (between practical & theoretical) losses are negligible. Losses of water are calculated on the basis of raw material and their properties i.e. water of crystallization, water of reaction, water of neutralization and moisture in the raw material.

Personal Details:

Date of Birth : 12th September 1987
Fathers Name : Dnyaneshwar Namdeorao Pimple
Mothers Name : Chhaya Dnyaneshwarrao Pimple
Languages known : English, Hindi and Marathi

I hereby declare that the information stated above is true to the best of my knowledge.

Place – Nagpur

SAGAR D. PIMPLE