

**PRAVEEN BAGHEL**

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**Career Objective:-**

Intend to build a career in a responsible and challenging environment in Chemical Industries (Refineries, Fertilizers, Cement and heavy chemicals etc.) where I can utilize and enhance my skills, knowledge and technical abilities that can be supported to grow up in my career along with the organizational growth.

**Professional Experience:-**

**Organization:** Aquaproof construction chemicals Pvt Ltd.

**Tenure:** till current date.

**Job Profile:** Working as Production Engineer.

**Responsibilities:-**

- Operating PLC System and other equipments such as mixers, dryers, crushers and granulators etc.
- Operating silos tank for raw materials and pneumatic conveying of solid products in plant.
- Handling various milling operations for cement products with respect to different variants.
- Taken lead and responsibility of installation of new liquid waterproof construction chemical plant of our group.
- Utilize my process design engineering skills for material, heat and energy balance for optimization of processes and process calculations.
- Maintaining production records and ensure and maintain quality check records.
- Handling day to day production batches as per targeted production.
- Ensure quality and testing methods for viscosity, relative density, moisture content determination in lab as per ASTM standards.
- Assist General Manager with various activities such as process planning, process records, man power handling, C.O.A certification analysis and maintaining packaging and dispatch records for chemical batches.

**Organization:** Synthesis with catalyst pvt ltd.

**Tenure:** 6 month

**Job Profile:** Working as Shift Engineer Trainee in Production.

**Responsibilities:-**

- Working on batch reactors, vacuum distillation column and fluidized bed dryers.
- Operating GC equipment for continuous quality check of batches.
- Maintaining Batch Manufacturing record of plants processes.

**Organization:** Gujrat Fluorochemicals ltd. Ranjit Nagar HALOL (Gujrat)

**Tenure:** 02 years

**Responsibilities-:**

- To follow and maintain section as per work instruction & SOP.
- To maintain the fill up checking an analyzing and log sheet an BMR.
- Worked on hydrogenation process reactors and handled reactions in plant.
- Optimization of process parameters with respect to process conditions.
- Worked on process flow diagrams and process flow sheets for mass and energy balance on equipment.

**Organization:** Amorphous Silicon Solar Cell Plant (BHEL) Gurugram (HR)

**Tenure:** 01 year

**Job Profile:** Worked As Graduate Trainee in PECVD Process (Distributed Control System).

**Responsibilities-:**

- Assist my reporting manager with all technical work related to DSC System.
- Studies various types of Solar cell plants and its implementation.
- Prepared a detailed report on Solar cell.

**Project Accomplished-:**

**Project no.1-:**

**Title:** Production of Bio Surfactant by using process industry oil waste on Ruchi soya Ltd.

**Project no.2-:**

**Title:** Recovery of Acetic Acid from HMX effluent on CFEES (DRDO).

**Educational Qualification-:**

Examination	Board/University	School/College	Year of Passing	Percentage
B. Tech (Chemical Engineering)	AKTU LUCKNOW	Dr. A.I.T.H (Govt. College) Kanpur	2017	65%
Diploma (Chemical Engg.)	BTE DELHI	GND Polytechnic (Govt. College ) Delhi	2013	60%
Secondary	CBSE	SBSSS Delhi	2009	64%

**Key skills and competencies-:**

<b><u>Key Skills</u></b>	<b><u>Key Competencies</u></b>
<ul style="list-style-type: none"><li>• Diligent</li><li>• Optimistic</li><li>• Compassionate</li><li>• Leadership</li><li>• Effective communication skill.</li></ul>	<ul style="list-style-type: none"><li>• <b>Reactive Distillation Column</b> – Tray Column</li><li>• <b>Heat Exchanger</b>-Shell &amp; Tube Heat Exchanger</li><li>• <b>Software</b>- ASPEN plus 12.01 MS office</li><li>• <b>Analytical Techniques</b>- DSC.</li></ul>

**Achievements-:**

- Branch Coordinator “Techwizard-2015” (Technical fest of Dr.A.I.T.H.).
- Participated in State Hockey Tournament at School Level.
- Branch Football Team Captain (Dr. A.I.T.H.)

**Personal Profile-:**

Father’s name : Mr. NIHAL SINGH  
Date of Birth : 07<sup>th</sup> Dec, 1994  
Languages known : English, Hindi  
Address : K-2/2 Sec-2 Type-III K-Block D.I.Z. Area Udyan Marg Delhi-110001.

**Declaration-:**

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

Place: Alwar, Rajasthan  
Date: 25/6/2021

(Praveen Baghel)