

Al Ameen Basheer

B.Tech -Chemical Engineer

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Professional Synopsis

Perceptive chemical engineer with two plus years of industry experience. Skilled in processes and project management as well as with the knowledge of fertilizer manufacturing operations. Seeking to deliver out-of-the-box solutions. Able to multitask effectively in handling high-pressure and crisis work situations

Experience

➤ Chemical Process Engineer(1.3 years) The Fertilisers And Chemicals Travancore Ltd, Kerala

August 2020 – November 2021

- 1) Coordinate with instrumentation, mechanical, electrical maintenance crew for smooth running of the plant
- 2) Control and analyze all plant parameters
- 3) To operate and maintain the plant by adherence to all safety procedures so as to meet zero accidents
- 4) Resolving technical issues through root cause analysis and provision of technical support/data to maintenance managers.
- 5) Keep close eye on preparation of equipment for maintenance, various reports of process variables, production data etc

➤ Graduate Chemical Engineer(1 year) The Fertilisers And Chemicals Travancore Ltd, Kerala February 2019 –February 2020

1. Trained interns and technicians in production best practices by cutting defects
2. Designed heat exchangers and storage tanks for CPCL.
3. Identifying areas of improvement and recommending process modification to enhance operational efficiencies of equipment/machine

Certifications

1. **NEBOSH IGC Certification**
2. **IOSH MANAGING SAFELY**
3. Disaster Management With Advanced Emergency Response
4. Slip, Trips and Falls Awareness Course
5. COSHH And Working In Confined Spaces
6. Behavior Based Safety Management
7. Spillage Response Awareness Training
8. Hazardous Waste Operations And Emergency Response Management

Technical Skills

- Project Management
- Process Design
- Testing
- Production Optimization
- Quality Assurance

Professional Skills

- Problem-solving
- Decision-making
- Professionalism

Computer Skills

- MS Office
- MATLAB
- ASPEN PLUS
- ANSYS
- C++

Language Skills

- English
- Malayalam
- Hindi
- Arabic

Soft Skills

- Problem Solving
- Efficiency
- Leadership
- Oral and Written communication

Internships and Industrial Visits

- 1) The Kerala Minerals and Metals Limited (KMML) (15 days)

Topics Covered:

- Manufacturing of titanium dioxide through the chloride route
- Production of different grades by KMML under the brand name KEMOX

- 2) Venus Ethoxyether Pvt. Ltd., Goa (1 day)

- 3) The Fertilizers and Chemicals Travancore Ltd., Kochi (1 day)

Academic Synopsis

B. Tech: Chemical Engineering-----8.28/10

Amal Jyothi College of Engineering

Mahatma Gandhi University

Kerala

10+2: Vivekananda VHSS, Kollam-----93.8%

Board of Higher Secondary Examination

Kerala

SSLC: Sabarigiri HSS, Kollam-----89.30%

Kerala Secondary Education Examination Board

Kerala

Achievements and Extracurricular Activities

1. Released a journal paper entitled 'Optimization of Solvent Extraction of Frankincense Using Taguch's Orthogonal Array' in the Asian Journal of Science and Technology (AJAST)
2. Give out a paper on Green Technology in SCHEMCON, Hyderabad
3. Delivered a paper on 'Optimization of Solvent Extraction of Frankincense Using Taguch's Orthogonal Array' in a conference held at Bangalore
4. Research and Development coordinator of Entrepreneurship Development Club (EDC) at college
5. Accolades in paper presentation competition, for inter and intra college events
6. Member of Innovation and Entrepreneurship Development Club (IEDC) and Journal Club.

Personal Details

- Date of Birth : 9th February 1996
- Nationality : Indian
- Address : United Arab Emirates
- Visa Type : Visit Visa

Declaration

I have presented all my academic and professional experiences in varying capacities here by means of my curriculum vitae. I would always strive to deserve your confidence about the image you would have of me

Thank you