

CURRICULUM VITAE

MOHMED SIYAD K

Process Engineer

B.Tech Chemical Engineering (Distinction)

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Career Objective:

Service-oriented process engineer looking for opportunity to work with a progressive company where advanced skills in improving the company's procedures, processes, and operational techniques to meet lay down goals will be implemented.

Area of Interest:

- Process Engineering and Technical Services.

Education:

Course	Institution	Board/University	Year of passing	CGPA
B.Tech (Chemical)	Amal Jyothi College of Engineering, Kerala	APJ Abdul Kalam Technological University, Kerala	2020	7.71 CGPA
H.S.C	HMYHSS Manjeri	Kerala State Board	2015	9.0 CGPA
S.S.C	Mubarak English School, Manjeri	CBSE	2013	9.2 CGPA

Technical Strengths

- Line sizing for Liquids & Gases & Pressure drop calculations
- Air Moisture Separator Calculations as per GPSA
- Design of Heat Exchangers & Cooling Towers
- Breather Valves & Venting requirements as per API 2000
- PSV/PRV/RD, Pressure Setting Criteria & Relief events
- Equipment Process Datasheet, Instrument Process Datasheet
- Relevant Codes & Standards used in Chemical & Process Industry
- Pump Calculations, Sizing & Datasheet
- Valves, types of valves & applications
- Control Valves Sizing & Calculations
- Design & Classification of Storage Tanks
- Introduction to BFD, PFD, UFD, P&ID
- Hazardous Area Classification (HAC)

Work experience

- **Process and Proposal Engineer** at EnWe Clean Technologies Private Limited. (3 May 2021 - 19 Sept 2021)

Responsibilities:

- Preparation of techno-economical proposal.
- Process sizing preparation.
- Selection of Valves.
- Material and Energy Balance.
- Cost Estimation.
- Preparation of basic engineering package which includes the BFD,PFD and P&ID

Soft skills

- Project Management
- Leadership
- Analytical
- Communication
- Adaptability
- Teamwork
- Flexibility
- Etiquette

Internships

- Vocational training at : Aurobindo Pharma Limited, Hyderabad, Telangana, India (15days)
- Internship at : Neoplast Industries, ernakulam, Kerala, India (5 days)

Certifications

- ✦ **Certified Process Design Engineering Course** from SB TECHNOLOGIES (ISO 9001: 2015) Mumbai, India (Nov 2020 –Mar 2021).
- ✦ Training programme on Introduction of Soft wares (**HTRI, ASPEN-HYSIS, and FLARENET**).

Academic Project Details

❖ **B.Tech Main Project : Synthesis of Reduced Graphene Oxide using Green Reductants and its application In Hair Dye (Jan 2020 - May 2020)**

The project involved in Synthesis of Graphene Oxide by Hummers method and Tours method and its reduction using green reductants. Further the application of reduced Graphene Oxide in permanent hair dye.

❖ **B.Tech mini project : Natural coagulant for waste water treatment (Aug 2019 - Dec 2019)**

Natural coagulant (Moringa oliefera) is prepared and used in turbidity removal.

Activities & Achievements

- Secured 1st position out of 30 candidates in Technical quiz on Process Engineering conducted by SB Technologies, Mumbai, India.
- Attended and volunteered IEDC summit 2017 organized by Kerala start up mission.
- Completed 2-day workshop on Aspen Hysys, certified by IIT Varanasi, India.
- Attended workshop 'Suraksharatham' organized by Department of factories and boilers, govt. of Kerala.
- Student member at Indian institute of chemical engineers (IICHE).

Personal Details

- Permanent Address : Building 86, Al taei street, old al ghanim, Doha, Qatar
- Date of Birth : 23 September 1997
- Languages Known : English, Hindi, and Malayalam
- Hobbies : Reading, Watching & Playing Football

Declaration

I hereby declare that the above written particulars are true to the best of my knowledge & belief.

Date: 27/10/2021

Place: Doha, Qatar

(Mohmed Siyad K)