

# MOHAMED ISHAK N

B.Tech Chemical Engineering



- 📍 WQ99+8M Al Madam, Sharjah  
- United Arab Emirates
- ✉️ noohuishak@gmail.com
- ☎️ +971 0547432747
- 🌐 Passport Number: W8501763
- 🇮🇳 Nationality: Indian

## TECHNICAL SKILLS

- MATLAB
- ASPEN
- Python
- Programming Language: C
- C++
- HTML

## AREA OF INTERESTS

- Process Design Engineer
- Environmental Engineer
- Plant Process Engineer
- Process Safety Engineer
- Technical Sales Person
- Environmental Waste Management
- Petroleum Engineer

## LANGUAGES

Tamil	Native Language
English	Speaking, Writing
Hindi	Speaking
Malayalam	Speaking

## PROFILE

Exceptionally focused and skilled Chemical Engineer with a Wide breadth of knowledge in industrial chemical processes with an emphasis on polymer properties. Able to multitask effectively in handling high-pressure and crisis work situations. I am a team player and am always willing to help out my colleagues. I am also very committed to my work and always put in my best effort.

## EDUCATION

### Bachelor's Degree - B.Tech Chemical Engineering

Vel Tech High Tech Dr Rangarajan  
Dr Sagunthala Engineering College Chennai,  
India | **2018 - 2022**

**7.35-CGPA | ANNA UNIVERSITY**

### Higher Secondary School

Sakthi Matriculation Higher  
Secondary School, Kallakurichi, India | **2018**

**69% | STATE BOARD - ENGLISH MEDIUM**

### Secondary School Leaving Certificate

Sakthi Matriculation Higher  
Secondary School, Kallakurichi, India | **2016**

**89.9% | STATE BOARD - ENGLISH MEDIUM**

## CHEMICAL ENGINEERING KNOWLEDGE & SKILLS

- Superior grasp of chemical engineering processes, principles, and development technologies
- Excellent familiarity with polymers
- Strong knowledge of chemistry fundamentals
- Outstanding chemistry research process abilities
- Strong laboratory, research, and analytical skills
- Understanding of engineering principles and mathematics
- Analytical and problem-solving ability
- The ability to work as part of a team
- The capacity to motivate and lead a team

# PROJECTS

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## ● Title: Fabrication and Testing of Hybrid Composite Material

### Description:

- the most used fiber-reinforced composite is the glass fiber composite
- The glass-fiber composites have high strength and mechanical properties but it is costlier than sisal and jute fiber.
- The hybrid composite materials are manufactured using three different fiber - sisal, glass and jute with epoxy resin with the weight ratio of fibre to resin as 30:70

## ● Title: Reverse Osmosis

### Description:

- The natural tendency of water with dissolved salts to flow through a membrane from lower to higher salt concentration
- Plants use it to absorb water and nutrients from the soil

## ● Title: Waste Water Treatment

### Description:

- Water Treatment Chemicals
- Monitoring and treatment equipment
- Dosing Equipment Inspection and Repair

## PERSONAL DETAILS

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<b>FATHER'S NAME</b>	: Mr.B.Noohu Ali
<b>MOTHER'S NAME</b>	: Mrs. Rasheedha Begun
<b>DATE OF BIRTH</b>	: 07-10-2000
<b>HOBBIES</b>	: Playing Cricket, Volley Ball, Basket Ball
<b>PERMANENT ADDRESS</b>	: 4/39,Koothakudi,Kallakurichi, Tamil Nadu, India-606305.

## REFERENCE

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### Dr. Manju Priya,

Assistant Professor,

Department of Chemical Engineering,

Vel Tech High Tech Dr Rangarajan Dr Sagunthala Engineering College, Chennai, India.

Contact: +91 94442 08503