

Mr. Rahul V. Patil

Date of Birth : 2-Jan-1992

Languages known : English, Hindi and Marathi

Address :01 B wing, Rinkal park, Badlapur

Maharashtra -421503, India.

Contact No: +91 9916409614**Email ID:** rahulvilasraopatil@gmail.com**OBJECTIVE:**

Seeking challenging opportunity with an organization where I can utilize my technical skills to contribute to the organization with hard work, sincerity, patience, and dedication.

EXPERIENCE:10 month of experience in **Transpek Industries Limited, Vadodara.****Designation:** Trainee Staff **Department:** Project Planning & Control.

Was involved in

- Project of Terephthaloyl Chloride (TPC) plant having capacity of 10 TPD. TPC is produced by chlorination of terephthalic acid using thionyl chloride.
- Leak test procedure (hydro test, spark tests of glass lined reactors), Line sizing calculations, corrections in P&ID.
- Pump calculations, ASME,ASTM codes, MSDS data sheet.

Within that period, etiquettes to communicate with vendors, team work, and punctuality were learnt.

ACADEMIC QUALIFICATION:

M.Tech	National Institute of Technology, Karnataka Chemical Plant Design, CGPA -6.81	2014-2016
B.Tech	S.G.G.S. Institute of Technology, Maharashtra Chemical Engineering, CGPA -7.17	2009-2013
12 th	M.G. College, Ahmedpur, Maharashtra State Board, Marks-78%	2008-2009
10 th	Yeshwant High School, Ahmedpur, Maharashtra State Board, Marks-86.30%	2006-2007

RESEARCH EXPERIENCE :**M.Tech Project:** (2015-2016)

Continuous reverse micellar extraction of Bovine Serum Albumin using RDC.

Guide: Dr. I. Regupati

Technical details:

- Physical properties of reverse micelles.

- Optimization of protein extraction in batch mode.
- Using optimized condition in RDC found out holdup & extraction efficiencies.

B.Tech Project: (2008-2009)

Performance evaluation of Nanofiltration system for water and waste water treatment.

- Evaluation parameters like pH, conductivity, turbidity, COD, BOD, TSS, TDS and chromium was conducted for ground water, surface water & Industrial waste water.

INDUSTRIAL TRAINING:

M.Tech Training:

Undergone training in FACT and Travancore Cochin chemicals Ltd. Ernakulam.

- Studied the complete process of manufacturing of caustic soda & its allied products.
- Technological development in cells used for the production of caustic soda.

SEMINAR:

- Production of Bio-diesel from micro-algae.

SKILL SET:

- **Technical:** downstream processing, protein extraction, process engineering.
- **Software's:** PowerPoint, office-MS Word, Excel.

ACHIEVEMENT & EXTRACURRICULAR ACTIVITIES :

- Cleared GATE-2014 with AIR 956.
- Served as a Class Representative of M.Tech (CPD) of batch 2014-16.

REFERENCE :

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