CURRICULUM VITAE

kalpesh t. Patil

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**OBJECTIVE:**

Seeking jobposition as chemical Engineer in an organization of repute where I can learn and effectively contribute to achieve the targets of the organization &grow as a professional within the organization.

**ACADEMIA:**

**PGD(Process Engineering)**

*Institutions:Suvidya Institute of Technology, Mumbai 77.09-* First class with Distinction 2016-17

***Bachelors of Engineering (B.E.)-Chemical*** 72.33% - First class with Distinction 2011-14

Institution: DattaMegheCollege of Engineering, Airoli

Mumbai University

***Diploma of Engineering*** 77.81% - First class with Distinction 2008-11

Institution: B.L.Patil Polytechnic, Khopoli

Maharashtra State Board

***SSC-Class X*** 64.80% - First class 2006

School: A.T.PatilVidyalayaWashi

Mumbai Board

**ACADEMIC PROJECTS:**

1. ***Final Year Project- Bachelors of Engineering [2013-14]***

*Project*: Oil Recovery from Effluent Water,

*Off-campus Project* : Study conducted at Rashtriya Chemicals & Fertilizers Ltd at Thal, Taluka: Alibaug

*Description:*Oil is wasted by several industrial operations.If this untreated effluent is directly let out in Sea, it

Would cause monetary loss to the company& also affect the marine life. Project has been carried out to study

Different processes such as Phillips process,Evaporation,Solvent Extraction,Vacuum distillation, Low vacuum

Dehydration method (LVDH)etcand finally treating by Distillation clay method, Activated charcoal clay method, Acid clay method etcto recover oil from the effluent and check/study the several variables of the

Treated oil.

1. ***Final Year Project- Diploma of Engineering[2010-11]***

*Project*: To develop working model of Water Purification by Ion exchange resin

*In-House Project*

*Description:*In-process timing of Industrial operations are affected due to presence of several impurities in the

Hard water, hence it is necessary to pre-treat this hard water before its usage. Project was carried out to study the properties of Ion-exchange resin and removal of impurities present in hard water by using ion exchange resins and develop a working model.

**INDUSTRIAL EXPOSURE:**

***M/s Cipla Pharmaceutical Ltd, at Patalganga as operator at API-III Plant*** 26may to 8July-2012

Hands on experience in tray drier operation, batch separation, centrifuge operation, shifting operation for solvent removal, loading of solvent etc,

***Successfully Completed Internship Program of Oil & Natural Gas Corporation Ltd (ONGC)*** 18june-5 july-2013

Location: Uran, District: Raigad

***Working as a Graduate Trainee Engineer in Hindustan Insecticides Limited (A Government Of India Enterprise)Po.Rasayani- 402207. Dist-Raigad(MS)****15feb-14sep2016*

*Monitoring and supporting operations for*Chlorpyrifos (T) and Imidacloprid(T) plantand hands on experience in agitated pressure nutchdrier,centrifugeoperation,vacuumdistillation,reactoroperations,nitrogen vacuum filtrations,dehydrationetc

**Working as a production Associate Engineer InIdemitsu lubricants India Limited Additional MIDC Po.Rasayani-*402207. Dist-Raigad(MS)****15sept-23dec2016*

*Handling DCS Operations of tank yard,blendingoperations, plantmaintananceactivites,manpowerhandling*trouble

Shooting etc.

***Currently working as Process and Mechanical Design Engineer in Purita Water Solutions Pvt Ltd ,Vasai East Dist-Thane401208*** *10 Jan-onwards*

*Evalutions of vendor technical offer,preparation and checking of design documents like P&ID,Equipment GA,Piping GA, Preparations of Process Data Sheet, line sizing pump calculationsetc.*

**EXTRA CURRICULUM ACTIVITIES:**

* Represented College at District level Kabbadi competition held at Panvelin 2008
* Member of Indian Institute of Chemical Engineers-2011-2014
* Successfully conducted events like “Antakshari” & “Technical Quiz” at annual inter- Intercollegiate Tech-Fest at Airoli.
* My Hobbies are playing Kabbadi, Painting and reading novels.

**Technical Skill: .**

Knowledge of

Development of PFD and P & ID.

Line Sizing, Pressure drop calculations and Pump calculations.

Design of Heat Exchanger, Distillation column, Absorption column, Chimney & Flare design, Reactor sizing,Vaccum system calculation.

Selection of TEMA type Heat Exchangers.

Selection of valves & pumps.

Material and Energy balance.

Codes and standards.

Procedure of Hazop study

**PERSONAL INFORMATION:**

Address : At-Patil Ali Washi, Taluka-Pen, District-Raigad.402107

Date of Birth : January 2, 1991

Languages known : English, Marathi, Hindi

Strengths : Hard-Working, Disciplined, Eagerness to learn, Fast-learner

Computer Skills : MS-Office (Word, Excel, PowerPoint), Internet applications,

References : On request