

Dattatray Khot

**Process Engineer**

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**Qualifications: -**

Bachelor of Engineering (B.E.) in Chemical in the year May -2016 from T.K.I.E.T. Warananagar, under Shivaji University Kolhapur, India.

**Career Objective: -**

Seeking career as a process engineer. To secure a challenging position where I can effectively contribute my skills, technical knowledge, creativity and personal strength & contribute to the upliftment of nation as well as mine.

**Educational Qualification:-**

Engineering Qualification:-

Examination	Name of College	University	Year of Passing	Percentage	
B.E	TKIET	Shivaji University	2016	71.37	
T.E	TKIET	Shivaji University	2015	69.19	
S.E	TKIET	Shivaji University	2014	68.94	
F.E	TKIET	Shivaji University	2013	69.15	

Secondary and Higher secondary qualification:-

Examination	Name of School/College	Board	Year Of Passing	% Of Marks
S.S.C	Arag Highschool, Arag	Kolhapur	2009-2010	88.18
H.S.C	Jr.College of Science, Arag	Kolhapur	2011-2012	69.50

**Career Summary:-**

**EMCURE Pharmaceuticals Ltd., Kurkumbh, Pune – Chemical Engineer (July 2016 - Present)**

Multi Product Plant, Active Pharmaceutical Ingredients Block 2, Kurkumbh, Pune-

- Allocated manpower with various production activities ensuring optimum utilization.
- Worked on shop floor to handle equipments and to monitor various types of API and intermediate products.
- Handled different types of process equipments like reactor, heat exchangers, centrifuge,

nutsche filters, ANFD, multi-mill, shifter, blender, etc while following good documentation practices and CGMP.

- Worked on Nitrogen generation unit, compressor, cooling tower, chillers, air handling unit, general ventilation under supervision.
- Performed validation of equipments.
- Under senior engineer supervision, performed preventive maintenance activities while suggesting safety recommendations.

### **Key Activities-**

- Prepared process flow diagrams and piping & instrumentation diagrams.
- Learnt and performed the following calculations
  - > Material balance and energy balance.
  - > Line sizing and pressure drop.
  - > Shell & Tube Heat Exchangers.
  - > Pump.
  - > Distillation Column Design.
- Proficient with selection of valves, pumps, and vessels.
- Gained fair knowledge about basic & detailed engineering, reboiler design, safety valves, agitators, reactors, vacuum system, condenser,

### **Project:-**

We as a team of four students have worked on a project "SULFUR RECOVERY BY USING PROMAX" under the guidance of Prof.S.V.KODOLI.

### **Other training and courses:-**

- Attended Workshop on "SIMULATION SOFTWARE-PROMAX" held by TKIET Waranagar.(March 2015).
- Workshop on "INDUSTRIAL AUTOMATION-PLC AND SCADA" held by IIT Madras(Sept.2014).

### **Extra curriculum activities:-**

- Actively participated in "JIDNYASA 2K14, 2K15, EUREKA 2K14".
- Attended Workshop on "SIMULATION SOFTWARE-PROMAX" held by TKIET Warananagar.(March 2014).

**Software Skills:**

Software Known : AUTO CAD,MS-WORD,EXCEL,PROMAX,ASPEN PLUS.  
Operating Systems : Windows 7,8  
Software Languages : C,C++

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**Personal Details:**

Date of Birth : - 24 Nov 1994  
Language Proficiency : - English, Hindi, Marathi.  
Present Address : - At post-Daund, Tal-Daund, Dist-Pune, pin- 413801.  
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