**RESUME**

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**CHOPADE ASHWINI MAHADU**

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**CAREER VISION**

To achieve a challenging career in an organization through learning upcoming technologies and by devoting my knowledge and skills to successfully handle responsibilities those I shall be awarded.

**SUMMARY:**

* Bachelor of Chemical Engineering from SIR VISVESVARAYA INSTITUTE OF TECHNOLOGY, CHINCHOLI, NASHIK.
* Executed academic project using technologies such as ASPEN HYSYS Dynamic simulation.

**EDUCATION:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Course** | **Institute** | **University/Board** | **Year of Passing** | **Marks** |
| PGD(PROCESS ENGINEERING | Suvidya Institute of Technology, MUMBAI | Suvidya Institute of Technology, MUMBAI | April-2016 | 58.18% |
| B.E Chemical | S.V.I.T,Nashik | Savitribai Phule University of Pune | June-2015 | 72.87% |
| B.E Chemical  Aggregate | S.V.I.T,Nashik | Savitribai Phule University of Pune | June2015 | 59.04% |
| 12th std. | M.G. College, Pravaranagar | H.S.C. Board Pune | Feb-2011 | 59% |
| 10th std. | S.K.V.M. Rahuri | S.S.C. Board Pune | March-2009 | 80.30% |

**TRAININGS:**

* Ihad completed training on Manufacturing of cosmetic cream in Chemical Engineering in “REVA PHARMA” at Sinnar, Nashik.
* Industries visited

1) ETP (Effluents Treatments Plant) TAPOVAN NASHIK.

2) Waste Water treatment in Vapi, Gujarat.

3) Garg Industry in Gujarat

4) R.C.F. (Rashtriya Chemical & Fertilizers Ltd.) Chembur, MUMBAI.

* Completed one month Certificate course in **“PROCESS ENGINEERING” at Suvidya Institute of Technology.**

**BASIC TECHNICAL SKILLS:- As fresher chemical engineer, I had gone through below basic concepts through process engineering course. However, I still learning and make it sharpen once the opportunity.**

* BFD, PFD and P&ID of Equipment’s.
* Development of PFD: Process & Utility.
* Mass and Energy balance - Design Basis, Sample Calculations.
* Interlocks, Control Philosophy, Valve Selection and sizing, Safety valve sizing.
* Development of P&ID: Process and Utility, Line Sizing & Pressure Drop Calculations.
* Pump Selection and sizing.
* Reactor sizing.
* Heat Exchanger Design.
* Distillation Column Design and many more topics on design.
* Relevant Codes and Standards used in industry.
* Basic Engineering Packages.
* Overview of Piping.
* Design Software’s used in industry and their applications.

**COMPUTER & SOFTWARE SKILLS:**

* Operating System: Windows 7, Windows 8.
* Application : MS Office suite Apps like MS Excel, MS Word etc.
* Chem-Cad, MATLAB, HYSYS, Aspen etc.

**AREA OF INTEREST:**

* Process Engineering
* Project Engineering
* Oil and Gas

**PROJECT:**

**Engineering Final Year project**: **“Oxidation Air Compressor in dynamic simulation by using Aspen Hysys software”.**

**Responsibilities**: Data Review and Analysis, Model Building

**Project duration:** 12 months.

**Description:**

The primary objective of this project has been to create a realistic model of the steady state system. The model has been created using the general purpose simulation tool Hysys. Special attention has been given to the modelling of the gas compression train and to the setup of the compressor control system and prevent compressor from surge region. The model has been used to investigate the performance of the gas compressor system at off-design condition.

**EXTRA –CURICULLAR ACTIVITY / ACHIVEMENT**

* Served as Active Volunteer for National Service Scheme (NSS) A social service initiative under University of Pune for the three academic years.
* Participated in C-CRACKER and Aptitude Test organized by National Level Event COGNIZIA-2013 and COGNIZIA-2014 held at SVIT, Nashik.
* Participated in aptitude test in National Level Event “CHEMCOALESCE 2K13” and MECHAZZMO-2014 held at SVIT, Nashik.

**KEY STRENGHTS**:

1. Smart working 2. Positive attitude
2. Good Oral and Written communication skills.
3. Sincere with a high level of integrity.

**PERSONAL DETAILS:**

Name : Miss. ASHWINI MAHADU CHOPADE.

Address : B-18/10, TOPAZ CHS, GODREJ HILL, KALYAN (W) PIN-421301

Date of Birth : 09 December 1993

Nationality : Indian

Languages : English, Hindi & Marathi.

Hobbies : Reading, Planting, Creativity in Design.

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

Place: Kalyan.  **CHOPADE ASHWINI M.**

Date: - / / 2016 (sign)