**CIRRICULUM VITAE**

 **Harshal Maruti Sondkar**

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| **CAREER OBJECTIVE** |
| To serve in a challenging environment that is globally oriented and uses my knowledge and skill to manufacture and design products that will contribute to the progress of the chemical engineering industry. |

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| **Course** | **Board** | **Institute** | **Year** | **Percentage** |
| **PG** | Altitude Institute , Mumbai | PGD in Process Design Engineering | 2017 | A Grade |
| **B.E. CHEMICAL** | University of Mumbai | Shivajirao S. Jondhale College of Engg. | 2016 | 64% |
| **DIPLOMA** | MSBTE | B. L. Patil Polytechnic, Khopoli | 2013 | 63.46% |
| **H.S.C.** | MSBSHSE | J.S.M. College, Alibaug | 2009 | 42.57% |
| **S.S.C.** | MSBSHSE | K.E.S., Alibaug | 2007 | 52% |
| **Professional Experience*** **Production Engineer at NOCIL(RCD) Ltd, Navi Mumbai.**

**Technical Services*** Data monitoring and analysis, Plant modification, Troubleshooting problem solving, Process trial data analysis to increase production rate, Root cause of plant operation disturb.

**Role & Responsibilities: ** * Liquid extraction column operating and monitoring based on Logicon technosolution pvt. Ltd. PLC automation and field maintenance.
* Vacuum Distillation (Inter cut) column operating and monitoring based on Logicon technosolution pvt. Ltd. PLC automation and field maintenance.
* Catalyst recovery extractor operating and monitoring based on Logicon technosolution pvt. Ltd. PLC automation and field maintenance.
* Batch centrifuge operation. Man power Handling.

**TECHNICAL SKILLS & SOFTWARE COMPETENCY** **Successfully completed PGD in Process Design Engineering with Simulation Which Include –*** Preparation & Updation of PFD
* Preparation & Updation of P&ID
* Line Hydraulics Calculations
* Sizing of vessel & Pump
* Preparation of Process Data Sheet for Vessel, Heat Exchanger, pump, Tank & instrument datasheet.
* Preparation of line list and equipment list.
* Design of Heat Exchanger using application HTRI V 6.0
* Aspen Hysys V 8.8 Basic Operation with following case studies 
* Refrigeration Cycle
* Pump Loop
* Distillation Column
* Oil & Gas Cases Simulation

**Software Basics:**Aspen Hysys V. 8.8, HTRI V 6.0.2R27MS Office  Word, Excel & Power Point.**ACADEMICS PROJECTS** |
|  **B.E. Project** | “Argon separation by Cryogenic distillation Process” in **Rashtriya Chemicals and Fertilizers Ltd., Thal.*** This plant is designed to recover the Argon from feed gas of Hydrogen gas recovery unit (ammonia plant)
* The feed gas contents are Nitrogen, Argon, and Methane.
* This plant having having a normal capacity to 10,487 Kg/hr of feed gases consisting of 90Kg/cm2 pressure.
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| **INTERNSHIP** |
| May and June2011-2012 | * Industrial training in “Rashtria Chemicals Fertizlizer LTD” – Thal Unit Alibag Raigad.

Capacity - 3200 MT/day ammoniaEquipment – desulfurization unit, reforming section, convertor, refrigeration* Attended various workshop on soft skill improvement
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| **EXTRA-CIRRICULAR ACTIVITIES AND ACHIEVEMENTS** |
| * Technical Paper Presentation on Waste Water Treatment, Air Pollution and Control.
* Participated in **Interdepartmental Quiz Contes**t held in college.
* Secured 1st position atU19 District Level Cricket Tournament organized by the Govt. of Maharashtra
* Participated at Zonal Level, West Zone, organized by the Govt. of Maharashtra
* Secured 1st position at the U19 Cricket Tournament, Mumbai Division
* National Service Scheme (NSS) member
* Performed street act on Eve Teasing
* Conducted Blood Donation Camp in college
* 1st position in football at Zonal Level
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| **PERSONAL PROFILE** |
| * Nationality : Indian
* Sex : Male
* Marital Status : Single
* DOB : 17/07/1992
* Other languages known : English, Hindi, Marathi
* Hobbies : Playing cricket, football, listening music, trekking.
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| **DECLARATION** |
|  I hereby declare that the above mentioned information is correct to my knowledge. |
| **Place:****Date:**  **Harshal M. Sondkar** |