**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 6.0.2R27  MS 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. | | | |
| **INTERNSHIP** | | | | | |
| May and June  2011-2012 | | * Industrial training in “Rashtria Chemicals Fertizlizer LTD” – Thal Unit Alibag Raigad.   Capacity - 3200 MT/day ammonia  Equipment – 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 |
| **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. |
| **DECLARATION** |
| I hereby declare that the above mentioned information is correct to my knowledge. |
| **Place:**  **Date:**  **Harshal M. Sondkar** |