

CURRICULUM VITAE

Harsha R. Dhole.

B.Tech Chemical (Petro-chemical)

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OBJECTIVE:

Seeking a position in the organization that provides me ample opportunity to explore and excel while carving out the niche for personal, professional as well as organizational goals in the field of Chemical Engineering.

CURRENT EMPLOYEE:

Working as a “**Technical Engineer III**” in “**Nalco Water India Limited, Pune**” since 12th October, 2015 to till date.

JOB DESCRIPTION:

- Experienced in the field of monitoring, auditing and troubleshooting upsets in Cooling Water system for improving performance.
- Finding out root causes for Scaling/Corrosion/Microbiological issues based on data analysis and recommending solutions for the same.
- Providing technical support to site engineers who are managing 3DTRASAR systems (Patent Technology).
- Working on the Project of newly developed technology “Next Generation Controller” for upgrading and testing the software.

EDUCATIONAL QUALIFICATION:

Bachelor of Technology in Chemical Technology with specialization Petrochemical Technology.

EXAM PASSED	INSTITUTE	BOARD / UNIVERSITY	YEAR OF PASSING	PERCENTAGE / CGPA
PGD (Process Engineering)	SIT Mumbai	-	September 2015	81.22
B. Tech	U.D.C.T. Amravati	S.G.B.A.U. (Maharashtra)	Summer 2014	8.47
H.S.C. (10+2)	J.N.V. Wardha	C.B.S.E. Delhi	Summer 2010	79.0%
S.S.C. (10 th)	J.N.V. Wardha	C.B.S.E. Delhi	Summer 2008	81.6%

TECHNICAL SKILLS:

- BFD, PFD and P&ID of Equipments.
- Development of PFD: Process and Utility.
- Mass and Energy Balance- Design basis sample calculations
- Valve Selection and Sizing, Safety Valve Sizing.
- Development of P&ID: Process, Utility Line Sizing and Pressure Drop calculations.
- Pump Selection and Sizing.
- Reactor Sizing.
- Heat Exchanger Design.
- Distillation Column Design and many more topics on design.

INDUSTRIAL TRAINING:

Completed Summer Industrial Training in “**Rashtriya Chemicals & Fertilizers Limited**, Human Resource Development Centre Chembur, Mumbai-400074” in Methanol Plant during the period of 27/05/2013 to 15/06/2013.

PROJECT & SEMINAR:

- ❖ **Seminar:** Delivered the seminar on “Synthesis of Acetylene” in “January, 2014” as a part of final year course requirement.
- ❖ **Minor Project:** Worked on the project entitled “Conversion of Plastic into Liquid and Gaseous Hydrocarbons” during the period “2011-2012” and presented the work in “Kishore Vaigyanik Protsahan Yojana” and stand on 20th Rank nationally, also presented the same in “Techelons-2012” organized by P. R. Pote College of Engineering and Technology, Amravati and secured 3rd prize for the same.
Detail: Plastic is non-biodegradable solid waste and when burnt emit toxic gases. This work has attempted to convert the plastic waste into useful liquid and gaseous hydrocarbons by decomposition. In this work I produced liquid hydrocarbons i.e. benzene and non-condensable gaseous hydrocarbons.
- ❖ **Major Project:** Worked on the project entitled “Useful management of Crude Oil Waste and its Kinetics study” during the period “January-2014 to April-2014” as a part of final year course requirement, which is sponsored by Shrirang Petrochem Industries, JSS Road, Dhobi Talav Mumbai- 400002, MD- Mr. Navin Sharma.
Detail: In this project we carried out the experiments on Crude Oil Waste solid samples given by this Industry to convert it into useful fuel and make it flowable at room temperature and then study its Kinetic approach for its decomposition by using cracking process.

ACHIEVEMENTS AND CO-CURRICULAR ACTIVITIES:

1. Student Member of **Indian Institute of Chemical Engineers (IChE)**.
2. Won “**Silver Medal**” in Post Graduate Diploma from “**Suvidya Institute of Technology, Mumbai**”, September 2015.
3. Merit student of the batch 2014 from Sant Gadge Baba Amravati University.
4. Presented the working model on “Conversion of Plastic into Liquid and Gaseous Hydrocarbons” under Project and Model Exhibition in “**Techelons 2012**” held at “Pote College of Engineering, Amravati” on 28th – 31st Jan, 2012 and Secured 3rd prize for the same.
5. Selected for the “**Kishore Vaigyanik Protsahan Yojana-2012**” held at Bangalore on 23rd Feb, 2012 and stand on 20th ranked nationally.

6. Participated in Debate Competition held during “**Sant Gadge Baba Amravati University Youth Festival-2010**” held at Dr. Babasaheb Nandurkar College of Physical Edu. Yavatamal from 25th -28th September, 2010.
7. Awarded as an outstanding performance in an “**International Civic Education Programme-2008**” held at Delhi.
8. Presented the working model on “Conversion of Solar Energy into light and sound energy” in “**Science Model Exhibition**” at cluster level Programme held at Jawahar Navodaya Vidyalaya, Gondia on 1st -2nd August, 2008 and Secured 2nd prize for the same.
9. Won medal in the “**National Cancer Control Poster Competition**” held at the National Stadium, New Delhi- 7 Nov, 2006.

EXTRA- CURRICULAR ACTIVITIES:

1. An active member of NSS and participated in tree plantation camps held in the college.
2. Participated in Fine Arts Workshop organised by Navodaya Vidyalaya Samiti, New Delhi, held at Jawahar Navodaya Vidyalaya Sonapat, on 5th to 30th November, 2006.
3. Enthusiastically participated in 7th Yong Innovator’s Choice Competition organised by Institute of Chemical Technology, Mumbai held during the 10th to 13th January 2013.

COMPUTER KNOWLEDGE:

HTRI, Hysys, Autocad, MS-CIT, Windows – 2000, 2007 & 2008, MS – Office 2003, 2007 & 2010.

PERSONAL DETAILS:

Name	:	Harsha R. Dhole
Date of Birth	:	14 th May 1992
Father’s name	:	Rajiv B. Dhole
Sex	:	Female
Marital status	:	Single
Nationality	:	Indian
Hobbies	:	Drawing, Cooking, Quilling, Crafts.
Language Proficiency	:	(R/W/S)
		* English * Hindi * Marathi

DECLARATION:

I hereby declare that the above information furnished by me is true to the best of my knowledge.

Place:

Date:

Signature