

CURRICULUM VITAE

NAME: Mahesh Vasudeo Pednekar (B.E Chemical 1st Class)

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AREA OF INTEREST: Process Design Engineering.

ACADEMIC QUALIFICATION DETAILS:

Year	University/Board	Exam/Degree	Institution	CGPI/ Percentage
2012-16	Mumbai University	BE Chemical	Datta Meghe College Of Engg. Airoli.	7.38 (aggregate)
2011-12	Maharashtra State Board	HSC	N.K.T.T. Jr. college of science and commerce	74.17%
2009-10	Maharashtra State Board	SSC	New English School Thane	86.73%

PREVIOUS EXPERIENCE

Company : Metallurgical Products India LTD.
Designation : R&D Trainee Engineer.
Period : From June2016– July 2017.

Brief summary:

- Worked on project of reduction of "Sb" impurity from our desired product Nb₂O₅ by various methods and our team successfully reduced Sb impurity to match the stringent requirement and I am privileged to be part of that team
- Worked on project of recovery of Uranium from mixture of metal fluorides
- Also studied Extraction parameters required to achieve high purity Nb₂O₅ and Ta₂O₅ production

FINAL YEAR PROJECT

Final year project Topic was **"Energy Generation From Microbial Waste Using Microbial FuelCell"**.The purpose of the project was Review Novel technology that uses Bacteria as catalysts to decompose organic matter to generate a potential difference that varies different parameters that are studied under the scope of this project.

Technical Skills

- Line Sizing for both liquids and gases
- Pressure Drop Calculations for control valve
- Pump Calculations and Process Datasheet
- Special piping items like Strainers, Flame arrester, filters
- Equipment Process Datasheets for Storage tanks, Air moisture separators
- Instrument Process Datasheet for Flow, Temp., Press., Level equipments
- Breather Valve Calculations
- Cooling Tower Calculations
- PSV and PRV Pressure setting Criteria And line sizing For PSV
- Basic knowledge of Hazardous Area Classification

Software Skill set:

- Basic Knowledge of Aspen HYSYS,HTRI
- Microsoft Excel, Microsoft Word, PowerPoint

Co-Curricular Activities:

- Process Design Engineering course from SB Technologies Mumbai
- 10 days Training Program at VVF India Limited in Glycerine plant
- PPT on the topic titled "Introduction to reactor design and kinetics" at SB Technologies Malad

PERSONAL DETAILS:

- Date of Birth: 18th February 1994
- Marital status: Single
- Languages Known: English, Marathi and Hindi
- Permanent Address : M9 Room No.3 Rajmata Soc. Kashish Park Wagle Estate
L.B.S. Road Opp. to Wagle Post office Thane (West) 400604
- Passport No.:Applied

DECLARATION

I hereby declare that all the above stated information is true to the best of my knowledge.

Place:

Date:

Signature
(Mahesh Pednekar)