

CURRICULUM VITAE

VINOD KUMAR
(B.E. Petrochemical – Process Design Engineer)
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EDUCATIONAL QUALIFICATIONS

YEAR	DEGREE/CERTIFICATE	INSTITUTE/CITY	CGPA/%
2015-2019	B.E in Petrochemical Engineering	SAMRAT ASHOK TECHNOLOGICAL INSTITUTE, VIDISHA	7.52/10
2015	CBSE/XII	KV A.F.S KOLSHET, THANE	66.2%
2013	CBSE/X	KV A.F.S KOLSHET, THANE	8.2/10

TECHNICAL SKILLS

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| <ul style="list-style-type: none"> Line Sizing (Liquid and Gas line Sizing). Control valve calculations (Pressure drop, Shutoff Pressure) Pump Calculations (Suction Pressure ,Discharge Pressure, NPSH-A , Differential Pressure and Differential Head). Design of Storage Tanks and its Calculations. Air moisture Separator Calculations. Breather Valve Calculations. Design of heat Exchangers using HTRI Software. | <ul style="list-style-type: none"> Design of PSV, PRV and RD by using FLARENET. Modeling and Simulation by using ASPEN HYSYS. Know about types of valves and applications. Introduction to BFD, PFD, UFD, P&ID. Hazardous Area Classification (HAC). Relevant codes & Standards used in chemical & process industry. |
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ACADEMIC PROJECT

Major Project: – Working Model of “**Food Preservation Unit with Solar Power**”.

(The primary goal of this project is to identify a way to provide food preservation facility without the need of electricity. With this attempt to provide a refrigeration system which would work without electricity, we have achieved a considerable success and we are hoping that with further research on this topic would lead us to better and improved results.)

INDUSTRIAL TRAININGS

CENTRAL INSTITUTE OF PLASTICS ENGINEERING & TECHNOLOGY(CIPET), BHOPAL (4weeks)

Practical Training on Testing and Quality Control Assignments Viz Plastics Materials / Products /Composites Testing / Inspection.

Practical Training on Manufacturing of Moulds and Standard Mould Bases.

ADANI WILMAR, (SOYA PLANT), VIDISHA (2 weeks)

Major Study of Refining Process In Solvent Extraction Plant.

ACTIVITIES & ACHIEVEMENTS

- Contributed as a Co-Convener in “Discipline Committee” in Samrat Utsav event organized in college.
- Attended Workshops of ASPEN PLUS, COMSOL, HAZOP at AZEOTROPY (IIT BOMBAY).
- Participated In Nirmaan 2018 Central India's Largest Working Model Competition.
- Got 1ST Prize In Idea Generation Competition.

COURSES ATTENDED

- ‘**Process Design Engineering**’ course from ‘**SB TECHNOLOGIES**’ Mumbai.
- Introduction on Software (**ASPEN-HYSYS, HTRI, FLARENET**).

DECLARATION

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

BASIC DETAILS

NOTICE PERIOD -Immediately

PASSPORT- Applied

EXPECTED SALARY-AS Per Company Norms

Date: 09-10-2021

Place: MUMBAI

(Vinod Kumar)