PARUL MEHTA

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An ambitious and skilled chemical engineer with a fervent passion for innovative process design, I bring a proven record of excellence in optimizing processes to support organizational objectives.

EXPERIENCE

Process Engineer | Ss Gas Lab Asia, New Delhi
July 2019 – July, 2020

- Study Basic Engineering Design Data and Process Control Philosophy and Cause & Effect Diagram development deliverables for the CO2 Package for the Waste Heat Recovery Project.
- Assisted in modification of PFD, P&ID enhancing efficiency through HAZOP reviews.
- Conducted material and energy balance calculations under supervision, contributing to initial stage of project.
- Prepare process equipment data sheet for pumps and heat exchangers through coordination with team.
- Execute amendment in the Bill of Materials and Design data sheets as per revised P&ID.

Project Trainee | Trident Limited, Barnala
July, 2017 – January, 2018

- Project entitled "Study of operations at sulphuric acid plant and process optimization to yield higher steam generation" to demonstrate progress towards yield of steam at 14.5 kg/cm2 from 267 MT/day to 355 MT/day through identification of viable opportunities.

EDUCATION

B.E. Chemical Engineering | Thapar Institute of Engineering and Technology, Patiala
August, 2014 – July, 2018
CGPA 7.36/10

- Member of AICHE Society, 2016.
- Associate in creativity team in College cultural fests.
- Engage in NOX Dance workshop, 2016.
- Participated in TUMUN, 2015.

SKILLS

- Engineered PFD, P&ID.
- Engineering calculations.
- Process Optimization.
- MS Word, Excel and Power point.
- Analytical and creative thinking.
- Team work and collaboration.
- Empathetic listener and Persuasive verbal skills.
- Flexible to adapt to a change.
- Curious to learn and grow.

EXTRA CURRICULAR ACTIVITIES

- Enrolled in McKinsey's Forward learning program 2025.
- Gain fundamental knowledge of Supply chain, Operations and Marketing, Branding through LinkedIn Learning courses in 2020 - 2022.
- Attend UX design kick-starter Workshop by Growth School, 2021.
- Volunteer in Robinhood Army since 2021.