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Objective:

To utilize my core technical competence and act as a solution finder for individual and for organizational growth.

EDUCATIONAL BACKGROUND

Class	Institute	CPI/CGPA/%	Year
Graduation	Rajiv Gandhi Institute of Petroleum Technology	7.44*	2022
Intermediate	Children's Sr. Sec School, Kota	88.2%	2018
Matriculation	Atomic Energy Central School No. 4, Rawatbhata	10/10	2016

INTERNSHIPS

- Name of Organization: IOCL Mathura Refinery
 Project Title: TEG Dehydration Unit: Tray efficiency and Tray count calculation and Economics related to it.
 Period: 15 June-31 July 2021 (6 weeks)

Research Projects & Publications

Project Title	Year
Pressure Drop Analysis of Multiphase in Micro-Domain Supervisor: Dr. K.G.Biswas We studied the Flow patterns and models and formulated Pressure drop by Graphical and analytical models. We also studied how different type of fabricated materials for micro channel effect the pressure drop values.	2021
Heat transfer profile for a Fluid flowing over a tube system Supervisor: Dr. Milan Kumar Project was to determine the Heat transfer rate of a system where there is a infinite long, and different fluids namely water, oil, air are passing over the tube with different velocities and temperature. The different thermo physical properties were stored using array in C programming and then by the virtue of the input given by the user the heat transfer coefficient and the net heat transferred were shown as the result.	2019
Rechargeable batteries (Metal Air- Batteries) (Study and Possible Development) Metal-air batteries have much higher theoretical energy density than lithium-ion batteries and are frequently advocated as the solution toward next-generation electrochemical energy storage for applications including electric vehicles or grid energy storage. We worked for making adjustments to make a viable apparatus for capturing the full potential for these batteries. We studied Aluminum-Air Battery and the reactions involved in it.	2019

SKILLS

C, C++, Excel, AutoCAD, Google Sketch UP, Power Bi, Python

Awards & Achievements

	Year
<ul style="list-style-type: none"> I Cleared IIT-JEE Advanced in first attempt i.e., 2018 with 91 percentile. Member and Editorial Committee Executive at AIChE RGIPT. Presented poster on batteries (Li-Ion & charcoal Aluminum) and their energy density in ICUER held At RGIPT 2019. (Secured Second Prize at College Level). Presented prototype at ICUER for Al-Charcoal Battery. Head of International Relations Committee at AIChE RGIPT. I was appointed as Vice president at AIChE RGIPT. 	2018 2019 (2019-20) 2020 2021

EXTRACURRICULAR ACTIVITIES

Played in Table Tennis Team to represent college in College Fest ENERGIA and secured 2 nd position in both.	
I was appointed as Table Tennis RGIPT Team Vice captain and Table Tennis RGIPT team Captain.	
I represented our college Table Tennis Team at IIT Kanpur. In their Sports Fest (UDGHOSH), Held in September 2019.	
Participated in Drama in various fests and was a part of Drama committee of RGIPT for 2 years.	

*till 5th semester

I hereby inform that the information provided above are true to my knowledge.

Mehul Gidwani

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Date- 27/09/2021