

Anshika Verma

Final Year, RGIPT | Chemical Engineering Undergraduate

Female | 29/06/2000

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A third-year undergraduate at Rajiv Gandhi Institute of Petroleum Technology pursuing Btech in Chemical Engineering. Seeking an employment opportunity that would help me bring the best out of me , furnishing me with the much needed practical insights and fostering an all around development of me as a professional in the industry.

EDUCATIONAL BACKGROUND			
COURSE	INSTITUTE	CPI/CGPA/%	Year
Btech in Chemical Engineering	Rajiv Gandhi Institute of Petroleum Technology	9.37/10* *Up to 5 th Semester	2019-2023
XII, (CBSE)	Lucknow Public School, Lucknow, Uttar Pradesh	95.20%	2018
X, (CBSE)	Lucknow Public School, Lucknow, Uttar Pradesh	10/10	2016
INTERNSHIPS			
Industrial Intern Larsen and Toubro, Heavy Engineering, Vadodara			<i>July-August,2022</i>
<ul style="list-style-type: none">Acquainted with the design of process vessels, modes of failures, causes and effects, various specifications necessary for the design of materials.Process Design and calculations for heat exchangers on Microsoft Excel for the given industrial datasheet.			
Research Intern(Online) IRDE Dehradun, Defence Research and Development Organisation			<i>March-May,2022</i>
Mentor: Mr. GS Rana, Scientist F <ul style="list-style-type: none">Figuring out the appropriate surface cleaning and protection techniques.Conducting experiments and obtaining results for electrolytic passivation by increasing the layer of oxide on the surface of metal parts.			
Industrial Intern Planning and Business Development, Petrochemicals Group Indian Oil Corporation Limited			<i>June- July,2021</i>
Mentor: Mr. AAKASH AGARWAL <ul style="list-style-type: none">Acquainted with a multitudinous array of things entailing IOCL working methodologies, integration of Refinery and Petrochemicals, typical streams for Petrochemical production, overview of naphtha cracking and Fluid Catalytic Cracking(FCC) processes.Sketched and prepared an economic model so as to come up with the most suitable C2 derivative considering 100 KTA of ethylene available.			
ACHIEVEMENTS & HONOURS			
<ul style="list-style-type: none">Awarded 2020-21 Donald F. Othmer Sophomore Academic Excellence Award by AIChE International. The award consists of a certificate, complimentary registration to the 2021 AIChE Annual Student Conference [LINK], recognition on their webpage and at the 2021 AIChE Annual Student Conference, and \$50 (USD). 2021Won consolation prize in team participation for HPCL R&D for New Generation Ideation Contest 2021. 2021Qualified IIT JEE Advanced 2019 and was among the top 2 percentile. 2019Granted scholarship for outstanding result in CBSE Board Examinations in class XII. 2018Represented Lucknow Public School in Innovative Invention Contest and qualified for second round. 2016Won academic excellence awards in 2010, 2011 at DAV Public School, Amritsar And at Lucknow Public School in 2012, 2013, 2014, 2015, 2016, and 2017.Book chapter published in an international publication. [LINK]			

PROJECTS

Project Title: **Effect of supporting electrolytes on vanadium redox flow batteries** 2021-2022
Project Supervisor: **Dr. Milan Kumar** | Strength of Materials/ Engineering Lab, RGIPT

- Cyclic voltammetry with varying scan rates was performed on a range of different compositions of test samples for supporting electrolytes.
- Based on CV results, search for suitable solvent is being carried out so as to boost the performance of vanadium redox flow batteries.

POSITION OF RESPONSIBILITIES

Vice President | American Institute of Chemical Engineers (AIChE) RGIPT Student Chapter 2022- Present

International Relations Committee Officer | American Institute of Chemical Engineers (AIChE) RGIPT Student Chapter 2021-2022

Audit and Reporting Committee Head | Institute of Electrical and Electronic Engineer(IEEE) RGIPT Student Chapter 2022-Present

Web Designing Head | CodeChef RGIPT 2021- Present

ChemE Jeopardy Team Coordinator | American Institute of Chemical Engineers (AIChE) RGIPT Student Chapter 2021-Present

Executive Member at Sister Chapter Subcommittee | AIChE RGIPT Student Chapter 2021-Present

Class Coordinator(Core Member) | Gyanarpan Project Amethi 2020-2021

Executive member at International Relations Committee | AIChE RGIPT 2020-2021

Girl Executive | Gyanarpan Project Amethi 2020-2021

Member of TEDx Club at RGIPT 2020-2021

Core member and Teaching volunteer | Gyanarpan Project Amethi 2019-2020

SKILLS

Programming Languages: C/C++ | Python
Web Development: HTML | CSS | Bootstrap | JavaScript
Software and Utilities: MATLAB | Microsoft Excel | Git/GitHub | AutoCAD | Aspen HYSYS

