Name of the Student: Abhishek Kumar Singh
Gender: Male

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RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY
Jais, Amethi - 229304

Name of Discipline: Chemical Engineering

EDUCATIONAL BACKGROUND

CLASS	CPI/CGPA/%	YYYY
B-tech in Chemical Engineering, Rajiv Gandhi Institute of Petroleum Technology, Jais, Uttar Pradesh	6.81 CPI (Till 5th Sem)	2022
Intermediate (XII), Jawahar Navodaya Vidyalaya, Karauli, Rajasthan, CBSE Board	86.2%	2017
Matriculation(X), Jawahar Navodaya Vidyalaya, Karauli, Rajasthan, CBSE Board	10 CGPA	2015

INTERNSHIPS

Name of Organization: **IOCL Mathura Refinery**
Project Title: **Calculation of efficiency of furnace used in Fluidized Catalytic Cracking Unit.**
Period: 15 June 2021 - 30 July 2021
Understood the working of refinery, different units present in refinery, production, CSR etc. through various online sessions and did a project on calculation of Furnace efficiency of furnace used in FCC unit in refinery to preheat the feed.

RESEARCH PROJECTS & PUBLICATIONS

Purification of Terephthalic acid from mixture of Terephthalic acid and p-Toluic acid via crystallization (Guide: Dr. V.S. Sistla) Drew the solubility curve for both Terephthalic acid and p-Toluic acid by using suitable Dimethyl-formamide (DMF) as solvent and then experimentaly analysed the meta-stable limit for both solute to get nucleation point at different concentrations of solute. Then meta-stable zone curve was plotted to get the region where spontaneous nucleation is possible without seeding and helpful in defining a working zone for industrial crystallization.	5/2021 - ongoing
Calculation of average heat transfer coefficient and heat transfer rate for flow across a tube (Course Project) Average heat transfer coefficient and heat transfer rate was calculated for flow across a tube by using different fluids (air,water and oil) using program in excel. Equations were taken from Heat Transfer by JP Holman and EXCEL was used for to write program.	10/2019-11/2019

SKILLS

Software: Microsoft Office, Aspen, AutoCAD, Google Sketchup
Programming Languages: C| C++
Languages: English	Hindi

AWARDS & ACHIEVEMENTS

Got National Cadet Corps (NCC) Level 'A' Certificate.	2014
Appreciation letter for excellence performance in CBSE Examination signed by the MHRD Minister of India.	2015
Selected for 1 year coaching program for IIT JEE at OIL Super 30, Jodhpur	2017

EXTRACURRICULAR ACTIVITIES

Worked as Publicity team Co-head in Energia 2019, RGIPT's Sports Fest	2019
Attended the International Conference on Unconventional Energy Resources (ICUER) at RGIPT,Jais	2019
Attended the workshops on Machine Learning by Skyfii lab in Winter School 2019	2019
Visited IOCL Mathura Refinery for field trip	2019
Attended 15 days "NCC camp" in Bharatpur	2014

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Signature: *Abhishek*

Date: 28/09/2021