RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY
Jais, Amethi - 229304

Name of the Student- Atharva Dikshit

Gender- **Male** Age -22 DoB: **04/03/1999**

Mobile: **9795345888**

RGIPT Email ID- **eche18009@rgipt.ac.in**

Personal Email ID- **atharva.dikshit1999@gmail.com**

Linked In details- linkedin.com/in/atharvadikshit

Name of Discipline- **Chemical Engineering**

EDUCATIONAL BACKGROUND

Class	CPI/CGPA/%	YYYY
Btech in Chemical Engineering at Rajiv Gandhi Institute of Petroleum Technology	8.83	2022
Intermediate at La Martiniere College,Lucknow, ISC Board	90	2017
Matriculation at La Martiniere College,Lucknow, ICSE Board	93	2015

INTERNSHIPS

1. Name of Organization- GAIL (India) Limited, Pata Plant
   Project Title: Introduction to Gas Cracker Unit and Furnace Efficiency Calculations Period:25 June, 2021 to 02 August, 2021
   Overview of working of various units in the GCU unit was given. Efficiency calculations of pyrolysis furnace for both convective and radiant section was done and ways of handling sensible heat were studied.
2. Name of Organisation: Indian Oil Corporation Limited, Paradip Refinery
   Project Title: Vocational Training
   Period:01 June, 2021 to 15 July, 2021
   Detailed sessions of various departments were held which gave a broad perspective about the workings of the refinery Special sessions were held for detailed explanation of the processing units and parameters for checking feed quality. The units studied were AVU, FCC, Delayed Coker, Hydrotreating, DHDT and VGO-HDT inits

Research Projects & Publications

Simulation of Methane Adsorption in Adsorbed Biogas Storage System for Household Application (Guide- Dr M.S. Balathanigaimani). Modelling a biogas cylinder using pressure, temperature, amount of gas adsorbed and gas velocity as parameters taking NORIT RGMI Activated Carbon as adsorbent and studying their variation to find an optimum filing time and storage efficiency with suitable L/D ratio.	2021
AI Based Optimization Method Applied to Engineering Problems (Guide- Dr Debasish Jena) Analysis and processing of sound of different machinery in the industries was done using different Neural Network Artificial Intelligence models to predict the health condition of the machinery .Comparison of results of different models were done to achieve high accuracy in predicting the health condition.	2020
Computational Analysis of Average Heat Transfer Coefficients and Heat Transfer Rates for Natural and Forced Convection (Guide- Dr Milan Kumar) Heat transfer rates and coefficients for natural and forced convection were calculated incorporating different geometries, different flow conditions, constant heat flux and constant wall temperature. MATLAB was used for coding and the equations were taken from Text Book JP Holman.	2019

SKILLS

Computer Languages- .Java and Python
Tools- Microsoft Office| Aspen| COMSOL Multiphysics| Auto CAD**|** TensorFlow| Numpy| Pandas|
Languages- English and Hindi

Awards & Achievements

Recipient of **RGIPT Merit Based** Scholarship for three consecutive years.	2018+
Qualified JEE Advanced 2018 with AIR 14360 among 155000 candidates.	2019
Awarded Class Prize First and Prizes in Physics and Mathemaics in 11 and 12th standard	2017
Represented RGIPT Basketball Team in Energia, Udghosh and Spardha.	2018+
Awarded Third Prize in Model Presentation in Winter School.	2019

EXTRACURRICULAR ACTIVITIES	
Student Placement Coordinator	2021
Editorial Head at AIChE RGIPT Student Chapter	2020
Captain of RGIPT Basketball Team	2020
Executive of Event Management Team in Energia Sports Fest 2019-2020	2019
Volunteer at ARPAN RGIPT Social Club	2018
Attended the International Conference on Unconventional Energy Resource at RGIPT	2019
Participated in Industrial Field Trip to IOCL Mathura.	2020
Participated in hands on workshop of :'Process Simulations for Chemical Engineering Applications' organized by MNIT Jaipur	2019

Address: 3/549 Vivek Khand, Gomti Nagar,
Lucknow, 226010. Signature
Atharva Dikshit