



Ashit Kumar Sahoo

EPE19014
 B.Tech -Junior Year Petroleum Engineering
 Rajiv Gandhi Institute of Petroleum Technology
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AIM: To obtain a challenging position in a high-quality engineering environment leveraging my petroleum engineering knowledge, resourceful training experience and analytical skills and make the best of my potential in order to contribute in the organisation's growth.

EDUCATIONAL BACKGROUND

Degree/Exam	University/Institute	CPI/CGPA/%	YEAR
B.Tech (Petroleum Engineering)	Rajiv Gandhi Institute of Petroleum Technology, Jais	8.45	2019-Present
Intermediate/+2(CBSE Board)	St Xavier higher secondary school, Nagpur.	93%	2019
Matriculation(ICSE)	Seventh-day Adventist high school, Nagpur.	91.6%	2017

INTERNSHIPS

- Name of Organization: JSW STEEL COATED PRODUCT LIMITED,NAGPUR (offline)**
 It was based on Industrial safety in handling and storage of bulk chemicals.(December 2019-1 month) .
- Name of Organization: jointly by piopetro , Arab oil and gas academy SPE EGYPT And ST.MERITTA COLLEGE**
 (It was a 3 months long online summer internship which was mainly focused on clearing the basics of Drilling, Reservoir, Production, and Formation Evaluation.)
- Name of organization: ONGC RAJAMUNDRY(Offline)-(1-6-2022 to 29 -6-2022)**
Topic -Directional Drilling,
 1) To use LANDMARK COMPASS to plan and design directional well profile.
- Name of organization: EOGPL Durgapur(offline)-(1-7-2022 to 31-7-2022)**
Topics- 1)Acoustic velocity measurement using gas composition for water level measurement in CBM wells
 2) Overview of hydraulic fracturing and planning of hydraulic fracturing pumping schedule.

PROJECTS AND FIELD CAMPS

1)SEG FIELD CAMP Used geophysical tools such as Mono-static and bi-static GPR, ERT and Seismic survey to find the availability of ground water in drought stricken area of Bundelkhand, Madhya Pradesh.	December,2021- December 2021
2)DESIGN AND DEVELOPMENT OF HYDRAULIC FRACTURING FLUID AND CFD ANALYSIS OF PROPANT TRANSPORT AND DISTRIBUTION - To design hydraulic fracturing fluid which is effective in proppant transport and distribution in high pressure and temperature condition .The efficiency of the fracturing fluid is crosschecked by simulating it in Ansys fluent software.	5 th and 6 th semester BTP
3) APPLICATION OF CFD IN OIL AND GAS INDUSTRY- The aim is to simulate the effects of rotational speed ,pumping rate and inclination of the well on cuttings distribution using ANSYS fluent software.	Ongoing

SKILLS

- Programming Skills:** Basic C
- Software:** Ecrin, AutoCAD, log view++, Ansys , LANDMARK COMPASS and MS Office.

AWARDS & ACHIEVEMENTS

1. Qualified JEE Advanced and JEE mains 2019 being among top 1 percentile JEE Aspirants.	May'19
2. Qualified GATE 2022 PE with AIR 252	March'22

EXTRACURRICULAR ACTIVITIES & CERTIFICATIONS

1. Part of Project Amethi Gyanarpan	2019-20
2. Part of UBA (Unnat Bharat Abhiyan) .	2019-20

POSITION OF RESPONSIBILITY

1. Student representative ,RGIPT DUGC	2019-present
2. Publicity head SEG RGIPT	2021-2022
3. Teaching Assistant inorganic and physical chemistry	2021
4. Custodian Indian Hydrocarbon Appraisal Program	2022