

VISHU

FINAL YEAR UNDERGRADUATE | PETROLEUM ENGINEERING
Rajiv Gandhi Institute of Petroleum Technology (RGIPT)

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I look to use my knowledge of petroleum engineering as a tool to create an impact across various verticals. My projects and steep-learning curve reflect my ambition and passion to serve not only hydrocarbon sector but energy.

Education

Rajiv Gandhi Institute of Petroleum Technology RGIPT An Institute of National Importance under the aegis of Ministry of Petroleum and Natural Gas, Government of India. Bachelor of Technology (B. Tech), Major in Petroleum Engineering	Jais, Amethi 2018-Present
Khaitan Public School, Ghaziabad (XII)	2018
Holy Angel's School, Ghaziabad (X)	2016

Internship Experience

- OIL INDIA Internship** 14th June 2021 – 30th July 2021
Duliajan Assam
- Cairn Oil & Gas, Vedanta Limited** 10th June 2021 – 9th August 2021

Projects

- Design and Development of a Caliper Log Tool (Tinkering Lab) RGIPT, Jais
Winter School Project |
 - Developed a caliper log which is used to log the borehole diameter.
 - The electronic log created a 3D model of the borehole geometry and calculated its volume

- Caliper log tool used ultrasonic waves to find the diameter of the borehole at varying depth and plot the same in real time using a microcontroller.
2. Renewable Energy Measuring Unit **RGIPT, Jais**
 - Employed two Ultra sonic sensors and applied Doppler effect to measure the wind speed.
 - Employed a Light Dependent Resistor (LDR) to calculate the solar intensity of zone.
 3. Fluid Level Surveys - For HRP wells.
 4. COALBED METHANE--A UNCONVENTIONAL ENERGY SOURCE: Its prospect in India.
 5. Overview of Geology and Reservoir Engineering Concepts.

Honors & Awards

2020 Represented RGIPT as a Student Delegate at 10th World Petro Coal Congress. **Delhi, India**

2018 Qualified IIT JEE Advance with All India Rank of 13442.

Skills

Software Skills:

- CMG | Reservoir simulation
 - IHS Kingdom | Seismic interpretation.5 | Data-analytics, visualizations, Microsoft office, ILWIS, GIS.
- Computer Languages:
- C++, Matlab.

Positions of Responsibility

- Volunteer | Gyan-Arpan, an initiative by social club Arpan to teach children's from local schools.
- Member | Mess committee, Rajiv Gandhi Institute of Petroleum Technology, Jais.
- Co-ordinator | Urjotsav 2k19 Annual Techfest, Rajiv Gandhi Institute of Petroleum Technology, Jais.
- Volunteer | International Conference on Unconventional Energy Resources (ICUER), Rajiv Gandhi Institute of Petroleum Technology, Jais.
- Co-head | Sponsorship committee Energia 2k20 Sports Fest, Rajiv Gandhi Institute of Petroleum Technology, Jais.