



GAUTAM SHARMA

EPE19023

B.Tech-Junior Year Petroleum Engineering
Rajiv Gandhi Institute of Petroleum
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EDUCATIONAL BACKGROUND

Degree/Exam	University/Institute	CPI/CGPA/%	YYYY
B. Tech (Petroleum Engineering)	Rajiv Gandhi Institute of Petroleum Technology, Jais	7.61 (till 6th sem)	2019-2023
Intermediate/+2 (CBSE Board)	DAV Public School, Kota, Rajasthan	92.80 %	2019
Matriculation (CBSE Board)	St. Paul's Sr. Sec. School, Kota, Rajasthan	92.00%	2017

INTERNSHIP

<p>Name of organization: Oil and Natural Gas Corporation of India Mehsana Asset</p> <p>Project title: Crude Oil Handling and Gas Compression</p> <ul style="list-style-type: none"> Working with the on-field Surface team at Sobhasan GGS cum CTF. Visiting Becharji, Santhal and Balol field for Italian drilling rig, Artificial Lift (Gas Lift, SRP) and Cardwell-6 series drilling rig respectively. Learning of Distributes Control System (DCS) at Sobhasan plant. Visiting Gas Compression plant and Effluent Treatment plant at Sobhasan. 	24 th May 2021 - 4 th July 2021
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PROJECTS

<p>Hydrocarbon Prospecting in Frontier basin of India (B. Tech Project Mentor: Alok Kumar Singh)</p> <p>Project-1</p> <ul style="list-style-type: none"> Exploration and study of Hydrocarbon prospects in the VINDHYAN Basin of India. Problems Involved in extracting the hydrocarbon present & understanding the formation mechanism of the sedimentary basin. 	Sept 2021-Dec 2021
<p>Project-2</p> <ul style="list-style-type: none"> Exploration and study of Hydrocarbon prospects in the HIMALAYAN FORELAND Basin of India. Challenges in the ongoing exploration and active tectonics of area creating problems. 	Jan 2022 - May2022
<p>Project-3</p> <ul style="list-style-type: none"> Effect of Rock Properties and its implications in EOR. 	Sept 2022
<p>Project-4</p> <p>Automated Chess Board</p> <ul style="list-style-type: none"> Arduino based automated chess board. Using stepper motor and steel rods for moving pieces. Using 2D mapping for locating the pieces on the chess board. 	

SKILLS & INTEREST

<ol style="list-style-type: none"> Programming Skills: Machine Learning, Data Structure, and Algorithms. Software: MATLAB, CMG, Ecrin, Auto-Cad, Adobe Photoshop, Microsoft Office. Interpersonal Skills: Leadership, Problem-solving, Strong communication Skills. Computer Languages: C, C++, Python, HTML, CSS, SQL. 	
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AWARDS & ACHIEVEMENTS

1. 5 Star Programmer Gold Badge holder in Hacker rank.	2021
2. IBM Python for Data Science badge holder.	October'21
3. Qualified JEE Advanced with rank in top 1 percentile.	2019

EXTRACURRICULAR ACTIVITIES

1. Event Management Head at EAGE, RG IPT.	2021-22
2. International Events and Interchapter Relation Head AAPG RG IPT.	2021-22
3. Geophysical Exploration Field Trip to Barren Land of Bundelkhand, India under the guidance of Dr. Satish K Sinha.	Dec. 20214.
4. Teacher at Gyan-Arpan, an initiative by Social Club Arpan, to teach underprivileged students of nearby villages.	Sept. 2020
5. Specialization in Python MOOC's (4 courses) from University of Michigan .	May 2021-Sep 2021
6. Specialization in Machine Learning MOOC from Stanford University .	May 2020 Feb 2021

