



AYUSH KUMAR SRIVASTAVA

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B.Tech-Junior Year Petroleum Engineering
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EDUCATIONAL BACKGROUND

Degree/Exam	University/Institute	CPI/CGPA/%	YYYY
B.Tech (Petroleum Engineering)	Rajiv Gandhi Institute of Petroleum Technology, Jais	6.57*(till 5 th sem)	2019-2023
Intermediate/+2 (CBSE Board)	Manas Convent School	69%	2018
Matriculation (CBSE Board)	Manas Convent School	9.4	2016

INTERSHIPS

- Name of Organization: ONGC (Ahmedabad asset)**
Project Title: Overview of Surface Team Operations
 - Visited and studied different processing equipment in surface facilities.
 - Trouble shooting and managing processing systems such as GGS, GCS and CTF.

RESEARCH PROJECTS

1. IMPACT OF ACTIVITIES OF OIL INDUSTRIES ON ECOSYSTEM <ul style="list-style-type: none">Proposed a static model for oil exploration and maximum recovery without degrading ecosystem.Highlighted the potential measures we should take to environment management.Showed how by adapting technology we can not affect our ecosystem.	Feb. 2022
2. COMPETITIVENESS OF HYDROGEN INDUSTRY IN INDIA. <ul style="list-style-type: none">Theoretical presentation of findings in front of the panel.Per capita consumption dataset has been learnt.Various statistical models were trained to get an optimum model for estimating competition within other fuels.	Dec. 2021
3. DETERMINATION OF PORE PRESSURE USING WELL DATA THROUGH MACHINE LEARNING <ul style="list-style-type: none">Analyzed the given well data (Depth vs Pressure).Used 3 different ML models (Linear Regression, Random Forest, Support Vector Machine).Predicted pore pressure by training and testing data of wells and measured accuracy.	Aug. 2021

PUBLICATIONS

Presented abstract on the topic "The Evolution of Machine Learning in OIL and Gas industry : improving Drilling performance using modern ML methods" with phd scholar krishna Raghav Chaturvedi at GASTECH	Feb. 2022
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SKILLS & INTEREST

- Programming Skills:** Python ,C,SQL
- Software:** Auto-Cad, Adobe Photoshop ,Tensor,Power bi, MS excel
- Interpersonal Skills:** Leadership, Problem-solving, Strong communication Skills, Management skills

AWARDS & ACHIEVEMENTS

1. Qualified for the international level petroleum Olympiad organised by UPES	February'20
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2. Vice president at SPE RGIPT SC Leading a team of 25 students for various events and podcast	August'22
3. Event Management head at AAPG Student Chapter focused to conduct regular webinars, events by industry experts.	April'21
4. Publicity head, at S&T Council, RGIPT Developing and overseeing publicity strategies of the events and fest.	October'21

EXTRACURRICULAR ACTIVITIES

1. Music club head .	Feb. 2022
2. Conducted offline and online lectures with class strength 400 student under UNNAT BHARAT ABHIYAN	Dec. 2021
3. Teacher at Gyan-Arpan, an initiative by Social Club Arpan, to teach underprivileged students of nearby villages.	Sept. 2020