



CHANDAN SHARMA

EPE 19-019
B.Tech-Final 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	8.83 *(till 6th sem)	2019-2023
Intermediate/+2 (RBSE Board)	Vivekanand Sr. Sec. School, Bandikui, Dausa	93.20%	2018
Matriculation (RBSE Board)	Saraswati Vidya Vihar Sr. Sec. School, Bandikui	95%	2016

INTERSHIPS

1. Name of Organization: Oil and Natural Gas Corporation Limited, Rajahmundry Asset Project Title: A Detailed Study of Artificial Lift Operations Mentor : Mr. Sanjeev P Mazoomdar, DGM(P)	<i>Period: 31 May 2022 to 27 June 2022</i>
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ACADEMIC PROJECTS

1. Adsorption Kinetics of Anionic Surfactants for Enhanced Oil Recovery (Btech Project) <ul style="list-style-type: none">To determine the Adsorption pattern for the surfactant-sand system and the kinetics of the adsorption by applying the Lagergren first order, pseudo second order and intraparticle mass transfer diffusion models.	September 2022
2. Estimation of low resistivity pay zone using well log data (Btech Project) <ul style="list-style-type: none">An approach to identify low resistivity pay zone by establishing an integrated workflow and classifying the formation into different groups using K-means clustering on LAS data.	November 2021
3. Optimization of Drilling Parameters using Gradient Boosting (Halliburton) <ul style="list-style-type: none">An approach to develop a machine learning model between the WOB, RPM and the target ROP which results in optimized input parameters for the target ROP after performing gradient boosting.	May 2022

SKILLS

- Programming Skills:** Machine Learning, Python and C programming
- Software:** Ecrin, Logview++, Tableau, AutoCAD, Microsoft-Office

AWARDS & ACHIEVEMENTS

1. International Petroleum Technology Conference Education Week 2022 (Riyadh, KSA) Student delegate from India among 100 top students in petroleum related disciplines across the world.	February'22
2. Captain of Team RGIPT which qualified for SPE Petrobowl Championship Finals 2022(ATCE) by competing with 35 other teams from Asia Pacific Region.	July'22
3. Recipient of AAPG Foundation L Austin Weeks Undergraduate Grant 2022.	June'22
4. Recipient of RGIPT Merit Scholarship-2020 awarded by petroleum engineering department of RGIPT for academic excellence.	June'20
5. Qualified JEE-Advanced 2019 with an ALL INDIA RANK - 11899 among 15lakh+ students.	2019

EXTRACURRICULAR ACTIVITIES

1. PRESIDENT SPE RGIPT Student Chapter	2022-2023
2. Joint Secretary EAGE RGIPT Student Chapter	2021-2022
3. Student Tutor Department of Mathematical Sciences, RGIPT	2022
4. Teaching Volunteer Gyanarpan, an initiative by RGIPT to educate underprivileged students.	2019 - 2022