Animesh Raghuwanshi

EPE19-011 | UG Pre-Final Year (B.Tech)

Petroleum Engineering | Rajiv Gandhi Institute of Petroleum Technology

Male | 07/12/2000

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EDUCATIONAL BACKGROUND

COURSE	INSTITUTE	CPI/CGPA/%	Year
B.Tech in **Petroleum Engineering**	Rajiv Gandhi Institute of Petroleum Technology	9.13/10* *Up to 6th Semester*	2019-2023
XII, (CBSE)	R.D. Public School, Betul (M.P)	88.2%	2018
X, (M.P. Board)	Paradise Hr. Sec. School, Amla (M.P.)	93.33	2016

INTERNSHIPS

Casing Seat Selection and Casing Design| Institute of Drilling Technology (IDT), ONGC   *June-August 2022*

Mentor: Ms. Shaoli Chatterjee, Executive Engineer (Drilling)

- Learned about well planning, why to set casing and casing seat selection.
- Learned about various factors which play important role in casing design such as Burst, Collapse, Tension, etc.

Application Of Tracer Technology And Reservoir Characterization| Institute of Reservoir Studies (IRS), ONGC
                                                                              December 2021

Mentor: Mr. Suman Saha, Sr. Chemist (Thermodynamic Lab Executive)

- Learned about two techniques IWTT & SWTT (Inter well Tracer Test and Singe Well Tracer Test).
- Learned about the uses of various machines i.e. Spectrophotometer, Liquid Scintillation counter, etc.

Petroleum Engineering Association -   *June 2021*

Mentor: Mr. Adityam Dutta (Research Analyst S&P)

It was a 45-day long summer internship that was mainly focused on clearing the basics of Drilling, Reservoir, Production, Well test, and Formation Evaluation.

ACADEMIC PROJECTS

Adsorption Kinetics of Anionic Surfactant   *August-September 2022*

- Used SDS surfactant and sand for observing adsorption phenomenon.
- Prepared 8 samples of varying concentration, and measured conductivity for 5 days.
- Determined CMC, Adsorption model, and adsorption kinetics from obtained data.

Identification of Low Resistivity Pay Zone   *August – December 2021*

- Correlated results with Gamma Ray, Resistivity, Neutron, Density, and Mud Logs. Learned Log view++ software.
- Identified the low resistivity pay zone at different depths of the formation using a Machine Learning algorithm on LAS data.

SCHOLASTIC ACHIEVEMENTS

- **RGIPT Academic Excellence:** Among the top 4 students in a batch of B.Tech and top scorer in IIIrd semester.
- Recipient of Prestigious **L Austin Undergraduate Weeks Grant From AAPG 2021,2022.**
- Member of TEAM RGIPT in **SPE Petrobowl Championship 2022**, the **only** qualified team from India.
- Represent **RGIPT** at **IPTC(International Petroleum Technology Conference) 2021**.
- Qualified **JEE Advanced and JEE Mains 2019** being among the top 1 percentile JEE Aspirants**.**
- **MMVY, M.P. Scholarship:** Recipient of Madhya Pradesh Merit-Based Scholarship.
- Scored **AIR 720** in NEST Examination.

POSITION OF RESPONSIBILITIES

Vice President | AAPG RGIPT Student Chapter	*2022- Present*
Secretary	SPE RGIPT Student Chapter.	*2022- Present*
Teaching Assistant |Teaching Volunteer in GYANARPAN Project Amethi. (devoted300 + hours)	*2019-Present*
Former T.A. in the course 'Reservoir Engineering', 'Classical Physics' RGIPT.	*2022*
Student Representative |Alumni Cell of RGIPT	*2021-Present*

Volunteer | Arpan Social Club, RGIPT	*2019- Present*

SKILLS & INTERESTS

- **Software:** Ecrin \| Log View ++ \| AutoCAD \| MS Office \| Adobe Photoshop, After-Effects, Canva
- **Programming Languages:** C \| Basic Python
- **MOOCs- DATA SCIENCE \|** Internshala

  Digital Marketing \| Google digital Unlock

  Gas Lift \| Sunreeja Oil and Gas Pvt Ltd

  Introduction to drilling \| Learn to Drill