

Manish Kumar Nehra

Rajiv Gandhi Institute of Petroleum Technology

Petroleum Engineering | DOB: 20/05/2002 | Male

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| EDUCATIONAL BACKGROUND | | | |
|---|--|---|--|
| COURSE | INSTITUTE | CPI/CGPA/% | Year |
| B.Tech in Petroleum Engineering | Rajiv Gandhi Institute of Petroleum Technology | 4.99/10* *Up to 6 th Semester | 2019-2023 |
| Intermediate | SMS SCHOOL, LOSAL, SIKAR | 70% | 2018 |
| Matriculation | Shekhawati School, Losal (Sikar) | 70 % | 2016 |
| INTERNSHIP | | | |
| ESSAR Oil and Gas Exploration and Production Limited. | | | 16 th June to 31 st July, 2022 |
| <ul style="list-style-type: none">It was a 45 days long internship in the department of production engineering where I got to learn about Hydraulic Fracturing in CBM wells and the various equipment used in it, the importance of fluid level measurement in CBM Wells and how the liquid level is measured using an echometer, also visited several sites where workover (fishing, completion, sand cleaning) was taking place and learned about the various aspect of it.I have done two projects 1. Acoustic velocity measurement using gas composition. 2. Overview of Hydraulic Fracturing. | | | |
| ACADEMIC PROJECT | | | |
| Wellbore stability analysis using stress distribution around the wellbore. Ongoing | | | |
| <ul style="list-style-type: none">To prevent rock failure around the borehole.To understand rock mechanical response to drilling and hydrostatic fluid supportTo predict whether the rock is going to fail or not depending on the applied stresses.Predicted how the hoop or circumferential stress is changing with mud weight and wellbore inclinationUsing Mohr's failure criteria predicted the safe zone for mud weight. | | | |
| ACHIEVEMENTS | | | |
| <ul style="list-style-type: none">Under top two percentile in JEE advance and JEE Mains Examination. 2019PUBLICITY HEAD AT ENERGIA 2022CEO at PediaGeek 2022 | | | |
| POSITION OF RESPONSIBILITIES | | | |
| CEO & Founder PediaGeek Publicity Head Energia | | | Present Present |
| Publicity Coordinator | | Sports fest | Energia 2020 |
| SKILLS | | | |
| <ul style="list-style-type: none">Ecrin Kappa Software, Log View++, Origin ProAdobe PhotoshopMATLAB, Baics of ExcelBasics of C-FER softwareBusiness developmentLeadership | | | |
| EXTRACURRICULAR ACTIVITIES AND HOBBIES | | | |

- Devoted 188 hours to teach the underprivileged section of the society under the social initiative of our institute Gyanarpan, Project Amethi.
- Playing cricket, cooking and singing.