

SUSHIPRA VATS

Male

Age: 21 years

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RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY
Jais, Amethi - 229304



Name of Discipline: **Petroleum Engineering**

Educational Background

Pursuing Bachelor of Technology (B. Tech), Major in Petroleum Engineering from Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi, Uttar Pradesh	8.00(up to 6th Sem)	2019-2023
12 th (CBSE) BRCM Public School, Behal	91.6%	2018
10 th (CBSE) BRCM Public School, Behal	10 CGPA	2016

Internships

1.Name of organization: **ONGC, Ahmedabad Asset**
Project Title: **Crude Oil Handling & Desalting Process.**
Period: 15th May to 29th June, 2022

Research and Projects

1. Synthesis and Evaluation of Mesoporous Silica Nanoparticle on Surface Tension, Contact Angle, and Adsorption of SDS on Sandstone Formation.	2022
2. Synthesis and application of functionalized mesoporous nanoparticles for shale stabilization in Water-based drilling fluid.	2022
3. Performance Evaluation of Novel Silane Coated Nanoparticles as an Additive for High-performance Drilling Fluid Applications.	2022
4. Brief Review on the Role of Nanoparticles in Carbonated Water Injection.	2022

Skills

Software-Origin, AutoCAD, Logview++, MS-Excel, MS-PowerPoint

Programming Language- C, Python

Soft Skills- Public communication, Team work and Leadership skills

Language Proficiency

English (R, W, S)

Hindi (R, W, S)

Positions of Responsibilities

1. Cultural Secretary at RGIPT Cultural Committee	2022
2. Photography & Interviewing Head at IEEE RGIPT Student Chapter.	2022
3. Head Boy at BRCM Public School, Behal	2018
4. Vice-Head Boy at BRCM Public School, Behal	2017

Achievements/ Extra-curricular Activities

1. "Performance Evaluation of Novel Silane Coated Nanoparticles as an Additive for High-performance Drilling Fluid Applications" has been selected for e-poster presentation at IPTC 2023.	2022
2. "Brief Review on the Role of Nanoparticles in Carbonated Water Injection" has been selected to International Conference on Materials for Energy Storage and Conservation 2022.	2022
3. Recipient of Merit-Cum-Means Scholarship at RGIPT	2021-22
4. Awarded as Mr. Fresher of the 2019 batch at RGIPT.	2019

Extra-Curricular activities

Volunteer at **Social Services Council ARPAN**.

Coordinator & Teaching volunteer at **Unnat Bharat Abhiyan Cell RGIPT**.

Recipient of **NCC A certificate** holder.

Interest in reading news articles & petroleum politics.