

Anshika Srivastava

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EDUCATIONAL BACKGROUND			
COURSE	INSTITUTE	CPI/CGPA/%	Year
B. Tech in Petroleum Engineering	Rajiv Gandhi Institute of Petroleum Technology	8.26/10* *Up to 5 th Sem	2023-2027
Intermediate	Kendriya Vidyalaya, Raebareli	89.20%	2022
High School	Kendriya Vidyalaya, Raebareli	91.60%	2020
INTERNSHIP & FIELD TRIP			
Research Internship, Indian Institute of Technology (ISM), Dhanbad		2 nd June to 17 th July 2025	
Optimization of AOS Concentration in Guar Gum-SiO ₂ Nanoparticle Systems in Enhanced Oil Recovery			
<ul style="list-style-type: none">Conducted experimental studies on guar gum-SiO₂-AOS nanofluids aimed at improving chemical EOR efficiency.Conducted advanced lab analysis including DLS, zeta potential, rheology, interfacial tension, and wettability tests under simulated reservoir conditions.Demonstrated that the optimized system maintains thermal stability, improves rock wettability, and enhances injectivity, relevant for polymer-based EOR applications.			
Geological and Industrial Field Trip		5 th April to 9 th April, 2025	
<ul style="list-style-type: none">Visited KDMIPE (ONGC) and IDT (ONGC) in Dehradun to explore lab facilities focused on core analysis and drilling equipment.Examined various rock formations in the Himalayan region.			
ACADEMIC PROJECT			
Design and Application of Amine-Based Regenerated Slug for CO ₂ Capture and Storage Application Ongoing			
<ul style="list-style-type: none">Currently working on the synthesis and characterization of thermoresponsive amine-functionalized polymers for integrated CCUS and Enhanced Oil Recovery (EOR) applications.Investigating LCST-based phase transitions for controlled CO₂ capture and regeneration.Aim to achieve high CO₂ uptake capacity with rapid regeneration and excellent thermal stability over multiple cycles.			
ACHIEVEMENTS			
<ul style="list-style-type: none">Winner, Andromeda aOS buildathon- Prize: 2500 USD.Finalist, Chromion a Chainlink hackathon.Recipient of Reliance Foundation Undergraduate Scholarship.Under the top 2 percentile in JEE ADVANCED examination.			2025 2025 2023 2023
POSITION OF RESPONSIBILITIES			
<ul style="list-style-type: none">Student Representative of Student Alumni Interaction Committee (SAIC) PEGE Department RGIPTProgram Chairperson SPE RGIPT Student ChapterCo-coordinator for partnership development Social Council RGIPTDesigning and Outreach Executive SEG RGIPT Student ChapterEvent Management Executive AAPG RGIPT Student ChapterEvent Management Executive FIPI RGIPT Student Chapter			2025-Present 2025-Present 2024-2025 2024-2025 2024-2025 2024-2025
SKILLS			
<ul style="list-style-type: none">CMG Software, Kingdom Software, Figma, Illustrator, PhotoshopC Programming, C++ , JavaScript, Python, Blockchain, EVM, MERN Learning, UI designer			