

# BISHAL PASWAN

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## EDUCATION

<b>Rajiv Gandhi Institute of Petroleum Technology, Amethi, Uttar Pradesh</b> <i>B.Tech in Petroleum Engineering - CPI: 5.76 (Until 5th Semester)</i>	<b>2022-2026</b>
<b>Laxmi Narayan Higher Secondary School, Jharsuguda, Odisha</b> <i>Intermediate - Score: 63.67%</i>	<b>2020-2022</b>
<b>South Eastern Railway Mixed High School, Jharsuguda, Odisha</b> <i>Matriculation - Score: 65.67%</i>	<b>2010-2020</b>

## INTERNSHIPS

<b>Oil and Natural Gas Corporation Limited</b> <b>Institute of Reservoir Studies, Ahmedabad</b> <b>Project Title: Material Balance Analysis through Conceptual Case Study</b> <ul style="list-style-type: none"><li>Conducted material balance analysis using MBAL software to evaluate reservoir performance and estimate reserves.</li><li>Developed skills in data interpretation, reservoir engineering principles, and technical reporting.</li><li>Collaborated with team members to integrate software insights into comprehensive reservoir studies..</li></ul>	<b>Dec 2024 – Jan 2025</b>
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## PROJECTS

<b>Seismic Inversion Using Wireline Log with AI/ML</b> <ul style="list-style-type: none"><li>Applied AI/ML algorithms to predict subsurface properties from wireline log data.</li><li>Performed seismic inversion to enhance reservoir characterization and hydrocarbon detection.</li><li>Developed data-driven models to improve accuracy in geophysical interpretation.</li></ul>	<b>Ongoing</b>
<b>Studies on Microwave Assisted Mobilization of Crude Oil</b> <ul style="list-style-type: none"><li>Researched the impact of microwave heating on crude oil viscosity reduction for enhanced recovery.</li><li>Conducted experiments to analyze microwave-assisted mobilization efficiency in different reservoir conditions.</li><li>Utilized analytical techniques to evaluate thermal effects on crude oil flow behavior and recovery potential.</li></ul>	<b>Sep 2024 - Dec 2024</b>

## ACHIEVEMENTS

- \* Recipient of AAPG Foundation **L. Austin Weeks Undergraduate Grant**.
- \* Among **Top 6 Global Finalists** at Sustainable Development in Energy competition-2024 organized by AAPG.
- \* Under the top 2 percentile in the **JEE ADVANCED'22** examination.
- \* **Student Delegate** at International Conference on Transforming Upstream-2024.

## SKILLS

**Language:** Python, MATLAB  
**Softwares:** AutoCAD, Microsoft Office 365  
**Developer Tools:** Git, VS Code  
**Others:** Content Writing, Public Speaking, Event Management

## LEADERSHIP

- \* **Technical Head** - EAGE RGIPT Student Chapter
- \* **Teaching Volunteer** - Gyanarpan, Project Amethi
- \* **Designing Head** - SEG RGIPT Student Chapter

## EXTRACURRICULAR ACTIVITY

- \* Devoted 120 hours teaching underprivileged high school student in Amethi District under Gyanarpan, Project Amethi.
- \* Technical Volunteer at ARPAN RGIPT Social Club.
- \* Successfully Completed the Course Ultimate Guide for Effective Communication by Ankur warikoo.