

Aman Bhardwaj

EPE19007

Final Year, RGIPT | Petroleum Engineering Undergraduate

Male | 11/02/2001

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A consistent, hard-working individual aiming to obviate barriers that can fuel the inclusive development of the nation.

EDUCATIONAL BACKGROUND			
COURSE	INSTITUTE	CPI/CGPA/%	Year
B.Tech in Petroleum Engineering	Rajiv Gandhi Institute of Petroleum Technology	8.93/10* *Up to 6th Semester	2019-2023
XII (CBSE)	D.A.V. Public School, Deoghar, Jharkhand	94.40%	2018
X (CBSE)	D.A.V. Public School, Deoghar, Jharkhand	10/10	2016
INTERNSHIPS			
Study of Crude handling, dehydration process, gas compression operations and effluent treatment process ONGC Mehsana			
			<i>31st May, 2022 – 11th July, 2022</i>
Mentor: Mr. Himanshu Singh, SE (Production)			
<ul style="list-style-type: none">Get insights of workflow of South Santhal CTF cum GGS.Understand the working of Separator, IDBH, Heater treater and ETP.			
Application Of Tracer Technology And Reservoir Characterization Institute of Reservoir Studies (IRS), ONGC			
			<i>6th December, 2021-31st December, 2021</i>
Mentor: Mr. Suman Saha, Sr. Chemist (Thermodynamic Lab Executive)			
<ul style="list-style-type: none">Reviewed Single Well Tracer Tests and more popularly and commonly used Inter well tracer tests.Studied selection criteria, designing, estimation of tracer quantity, tracer sampling and tracer analysis.			
PROJECTS			
Application of CFD in oil and gas industry.			<i>completed</i>
Mentor: Dr. Shailesh Kumar			
<ul style="list-style-type: none">Gain the basics of CFD and Ansys Software and its use in oil and gas domain.Simulate the results for drill cuttings distribution and transport for vertical and inclined wells.			
Development of Hydraulic Fracturing Fluid and CFD analysis of proppant transport and distribution.			<i>completed</i>
Mentor: Dr. Shailesh Kumar			
<ul style="list-style-type: none">The aim is to design hydraulic fracturing fluid which is effective in proppant transport and distribution. The efficiency of the fracturing fluid is then crosschecked by simulating it in Ansys fluent software.			
Field Trip			
SEG Field Camp			<i>December 2021-December 2021</i>
Mentor: Dr. Satish Kumar Sinha			
<ul style="list-style-type: none">Used geophysical tools such as Mono-static and bi-static GPR, ERT and Seismic survey to find the availability of ground water in drought stricken area of Bundelkhand, Madhya Pradesh.			
ACHIEVEMENTS & HONOURS			
Recipient of SEG Foundation Scholarship			<i>2022</i>
Recipient of John D. Delbridge Memorial Scholarship			<i>2022</i>

Recipient of AAPG L. Austin Weeks Undergraduate Grant	<i>2022</i>
Selected as Tutor for first year students based on merit.	<i>2022</i>
Recipient of RGIPT Scholarship Award for consecutive 4 years.	<i>2019-2023</i>
Secured highest SPI in Petroleum Engineering Department in 4 th semester	<i>2021</i>
Among the top 1 percentile of IIT JEE Advanced 2019 .	<i>2019</i>
POSITION OF RESPONSIBILITIES	
Student Co-ordinator Training & Placement Committee, RGIPT	<i>2021- Present</i>
Custodian Indian Hydrocarbon Appraisal Program	<i>2022</i>
Social Outreach Head SEG RGIPT Student Chapter	<i>2021- 2022</i>
Publicity Co-ordinator SEG RGIPT Student Chapter	<i>2020- 2021</i>
Event Co-ordinator Urjotsav 2019	<i>2019</i>
Teaching Volunteer Arpan Social Club, RGIPT	<i>2019 -2020</i>
SKILLS	
<ul style="list-style-type: none"> • Leadership and Management. • Software Skills : Ansys Log View++ Ecrin AutoCAD MS Office • Programming Skills: C 	