

Kushal Das

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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	7.98(up to 5th Sem)	2018-2022
12 th (WBCHSE), Uttarpara Govt. High School, Uttarpara, Hooghly, West Bengal	88.4%	2017
10 th (WBBSE), Patha Bhavan - Dankuni, Hooghly, West Bengal	92.7%	2015
Internships		
1. Name of organization: ONGC, Cambay Asset Project Title: Exploration and Production of Oil and Gas Period: 15 th June to 26 th July, 2021		
Research Projects		
1. Developing Python based module for Wellbore Stability Analysis In this academic project the different aspects of wellbore stability have been studied. The parameters that are responsible toward the stability of a borehole, for example, the principal stresses, pore pressure, fracture pressure has been calculated using python programming language. Also, the stresses around the wellbore and analysis on different failure criteria has been done.		2021
2. Dispersion stability and Rheological properties of metal oxide (CuO) based Nanoparticles for oilfield application CuO Nanofluid prepared from different concentrations of its nanoparticles was analyzed using DLS and rheological studies. The study highlighted important aspects of colloidal suspensions and is a forward step towards the use of CuO based nanofluid for industrial application including oilfield.		2019
Skills		
Software- 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) Bengali (R, W, S)		
Conferences & Field Trip		
Participated and presented "Activities of FIPI RGIPT Student Chapter for the year 2020-21" at the 10th Annual Convention of FIPI Student Chapters held on 19 th March 2021 through virtual mode.		2021

Presented poster on the topic “ Dispersion stability and Rheological properties of metal oxide (CuO) based Nanoparticles for oilfield application ” at the India International Science Festival (IISF), 2019 held in Kolkata, India from 5-7 November, 2019.	2019
Invited as Delegates in 13th International Oil & Gas Conference ‘PETROTECH 2019’ held in Greater Noida, India from 10-12 th February, 2019.	2019
Participated as well as shortlisted for the photography contest themed ‘Energy’ in Youth Forum Petrotech	2019
Field Trip- Himalayan Sequence of Dehradun-Mussoorie Section	2019
Volunteered at International Conference on Unconventional Energy Resources (ICUER) held in RGIPT campus.	2019
Awards & Achievements	
Awarded the 2nd prize in the Live Quiz held in the Youth Forum Petrotech in New Delhi	2019
Runner up in Kho-Kho game in ‘Energia-19’ and ‘Energia-20’ (National level inter-college sports festival).	2019 & 2020
Awarded the 2nd prize in Essay writing competition on the theme of ‘ India’s Energy Basket 2028 ’ in the ‘Winter Unboxed’ event organised by Literary Club, RGIPT	2018
Awarded the 2nd prize in Essay writing competition in ‘ Sandhi ’ organised by IIT Kharagpur .	2015
Awarded Dr. B.R. Ambedkar Medha Purashkar	2015
Positions of Responsibilities	
President at FIPI RGIPT Student Chapter	2021-22
Organising Head at Gyanarpan, Project Amethi	2021-22
Public Relations Head at FIPI RGIPT Student Chapter	2020-21
Core Member at Gyanarpan, Project Amethi	2020-21
Teaching Volunteer at Gyanarpan, Project Amethi	2019-21
Event Management Executive at Energia’20	2020
Vice-Captain of football team of RGIPT	2019-20
Extra-Curricular activities	
Sub-divisional level football player in 2016-17.	
Volunteer at Social Services Council ARPAN .	
Interest in reading news articles, petroleum politics, writing essays, playing musical instruments.	

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Date: 28th September, 2021

Kushal Das