

MUNTASIR MAHMUD

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<https://www.linkedin.com/in/muntasir-mahmud-36bba5140>RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY
Jais, Amethi - 229304

Name of Discipline : Petroleum Engineering

EDUCATIONAL BACKGROUND

Class	CPI/CGPA/%	YYYY
M.Tech	8.09	2022
B.Tech	7.87	2020
12 th	84.6	2015
10 th	87.71	2013

WORK EXPERIENCE

Name of Employer & Designation	Tenure
Nil	

INTERSHIPS

1. Reliance Industries Limited, KG-D6, Kakinada Project Title: Overview of Reliance KGD6 with Subsea Structure and Study of Flow Assurance Issues Period: 4 weeks from December 2018– January 2019
2. Name of Organization: ONGC MBA Basin, Kolkata, West Bengal Project Title: Fundamentals of oil well exploration and production Period: 4 weeks from June 2018– July 2018
3. Name of Organization: Sud Chemie India Private Limited, Gujrat Project Title: The study of feasibility to use GIDC RO water instead of plant RO water for filter press washing Period: 4 weeks from June 2019– July 2019

Research Projects & Publications

Project Title	YYYY
1. A molecular dynamics approach towards the development of smart water used in enhanced oil recovery. (In progress)	2021
2. Analyzing oil production by polymer flooding using a CMG simulation model.	2020
3. Removal of Excessive Heat Associated with Syngas Produced in Underground Coal gasification by a triple concentric pipe heat exchanger and develop ways to capture excess CO ₂ produced.	2019

SKILLS

Technical Skills if any: Software: GROMACS, VMD, Packmol, CMG, PHREEQC, SimSci, AutoCAD, MS Excel/VBA Languages: C, Python Operating Systems: Windows, Linux (Ubuntu)
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Awards & Achievements

1. Performed a 10 weeks certification course at edX platform on 'Energy Within Environmental Constraints' from HarvardX	2020
2. Performed a certification course on 'Oil and Gas Industry Operations and Markets' organized by Duke University.	2020
3. Performed a course in 'Programming for Everybody, Getting Started with Python'	2020
4. Performed a courses 'Well Operations and Crew Resource Management (WOCRM)' & 'IWCF Level 1 Program' by IWCF.	2020
5. Certified in 'SimSci Pipephase Simulation' software by professional software training held in UPES	2018
6. Certified in 'Statistics for Engineers' Wolfram software by professional software training held in UPES	2018
7. Qualified to the first round of Mathmania Quiz competition held in UPES.	2017

EXTRACURRICULAR ACTIVITIES

1. Performed a course 'Excel/VBA for Creative Problem Solving' by University of Colorado.	2020
2. Organized the event 'Ball in the Hall' at UPES Ignite technical festival.	2017

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Signature: Muntasir Mahmud
Date: 28/09/2021