MADHUR SAXENA

EPE18022
B.Tech-Final Year Petroleum Engineering
RAJIV GANDHI INSTITUTE OF PETROLEUM TECHNOLOGY
Jais, Amethi - 229304

Gender: Male
DOB: 29 August, 1998
Mobile: 7007108270
RGIPT Email ID: epe18022@rgipt.ac.in
Personal Email ID: madhur2908@gmail.com
LinkedIn:https://www.linkedin.com/in/madhur-saxena-444938190

EDUCATIONAL BACKGROUND

Degree/Class	University/Institute	CPI/CGPA/%	YYYY
B.Tech (Petroleum Engineering)	Rajiv Gandhi Institute of Petroleum Technology,Jais	7.34 (till 5th sem)	2018-Present
XII (CBSE Board)	Jai Academy,Jhansi	91.60%	2017
X (ICSE Board)	Christ The King College,Jhansi	92 %	2015

INTERNSHIPS

1. **Name of Organization:IRM Energy Private Ltd**
   Project Title: Basics Of City Gas Distribution   *Period:2nd July - 20th August 2021*

   - Gained knowledge about the working of City Gas Business.
   - Analyzed the City Gas Network and its components.

2. **Name of Organization: Oil And Natural Gas Corporation Limited (Mehsana Asset)**
   Project Title: Familiarization of Oil Field Operations   *Period: 26th May-11th June 2021*

   - Gained extensive knowledge about various domain of Oil and Gas Industry
   - Comprehended deep insights into several industrial processes and observed real life Field Data.

PROJECTS/FIELD VISIT

1. **Title: A modelling-based approach of hydrate based geological storage of CO_2 to lower carbon footprint.** • Performed the thermodynamic modelling to predict phase stability of CO2 hydrates. • Validated the results with experimental data using AARD statistical measure.	Sept. 2021
2. **Title: Analysis of Bombay High Basin** • Worked collectively on accumulating certain factors affecting the off shore basin. • Did a detailed study with regards to the factors and derived the conclusions. • Analyzed the tectonic setup, regional geology, stratigraphy and depositional environment of the basin.	Dec. 2020
3. **Title: Developing a solution for an Air-conditioner to maintain room temperature of our classroom.** • All three forms of Heat Transfer,parameters for room & number of students sitting were kept in consideration.The project was completed using C language.	Nov. 2019
4. **Title: LandRover2.0** • Land Rovers are usually microcontroller based manually controlled robots that roam according to their masters will. But this project LAND ROVER 2.0 was a bit modified version of the same running on microprocessor RASPBERRY PI 3 B+ model built with an aim based on its implementation in Oil and Gas industry. Our aim was to build a dual way operating robot which can run manually as well as in automated mode.	Oct. 2019
➢ **Geological Field Visit (Dehradun)** • Went to a three day field trip to Shivaliks and Lesser Himalayas ranges near Doon Valley, wherein got acquainted with variations in geological structures of the rocks.	Dec.2019

● Studied about the major lithostratigraphic units and chronostratigraphy of the lesser Himalayas. ● Also gauged the susceptibility of the rocks of the nearby area towards the large variations of prevailing conditions.	

SKILLS

- Managerial Skills, Good Analytical Skills.
- Leadership, Teamwork, Critical Thinker and Strong Decision Maker.
- **Programming Language**: Python, C,C++,Java,SQL
- **Software**: MATLAB, AutoCAD, Microsoft-Office

AWARDS & ACHIEVEMENTS

● RGIPT Annual Merit Scholarship Awardee.	2018-2019
● Qualified JEE Advanced 2018 with AIR 13591.	May'18
● Runner-up in Carrom at ENERGIA(Inter-college Sports Fest)	Feb'20
● Secured 4th Position in Open District Chess Championship (Under-15 Category)	

EXTRACURRICULAR ACTIVITIES & POSITIONS OF RESPONSIBILITY

● Appointed as President of SPE RGIPT Student Chapter	2021-2022
● Appointed as Joint Vice -President of EAGE RGIPT Student Chapter	2021-2022
● Event Management Head at ENERGIA (Sports Fest)	Feb'20
● Presented a Project Named LandRover2.0 in RGIPT's Techfest-URJOTSAV	Nov'19
● Winner in Cricket League of RGIPT(PFL)	Nov'19
● Active Volunteer of ARPAN (RGIPT's Social Club)	

Sign: