

JITENDER SINGH

Rajiv Gandhi Institute of Petroleum Technology | B.Tech Petroleum Engineering | 3rd Year 6th semester
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EDUCATIONAL QUALIFICATIONS

- **9.8 CGPA** in 10th Boards 2014 - 2015
- **91.6 %** in 12th Boards 2016 - 2017
- **6.88 CPI** 2018 - till 5th semester

INTERNSHIPS

- OIL AND NATURAL GAS CORPORATION, Mehsana Asset** May 2021 – June 2021
- Got the overview and familiarisation of Oil field operations at Mehsana Asset.
 - Got first-hand experience from drilling, surface and sub-surface teams.

- OIL AND NATURAL GAS CORPORATION, Cambay Asset** June 2021 – July 2021
- Learned about exploration and production of oil and gas.
 - First-hand exposure with the logging, electrical and well testing teams.

PROJECTS AND RESEARCH WORK

- APPLICATION OF CFD IN OpenFOAM FOR THE STUDY OF EOR FLOODING TECHNIQUES** Aug 2021 – Sept 2021
- Worked on **Linux** with **OpenFOAM** software and **C++**.
 - Prepared a channel equivalent to the real-time oil flow in porous and permeable channels and gathered data from the real-time simulation and multi-phase flow.

- FACE RECOGNITION ATTENDANCE SYSTEM** July 2020 – Aug 2020
- The program takes attendance after seeing known faces in the webcam and generates false alarm if the person is unknown.
 - Worked with **OpenCV** library for image processing.

SKILLS

- Computer languages: C++
- OS: Windows and Linux.
- Software: OpenFOAM, AUTOCAD, MATLAB.
- Additional Skills: Data Structures and Algorithms, OpenCV library.

EXTRA-CURRICULUR AND POSITION OF RESPONSIBILITIES

- Represented handball team in **regionals**.
- **Captain** of Institute's Chess team | **Organised** inter college Chess tournament in 2K20 | Got **first position** in inter college Chess tournament in **2k19** and **2k20**.
- 3 Stars on Code Chef.
- Active member of Institute's Code Club.
- Represented Institute's Chess team for the inter-IIT tournament at IIT-KANPUR.
- Teaching volunteer at ARPAN social club of RGIPT- conducted lectures with class strength of 100.