



Guru Mohan Sapram

Roll No.:214107128
M.Tech - Chemical Engineering
Major in Petroleum Science and Technology
Indian Institute Of Technology, Guwahati

+91-8341734977
sapram.guru@iitg.ac.in
sapramgurumohan@gmail.com
Github
linkedin

EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Tech	Indian Institute of Technology, Guwahati	8.13 (Current)	2021-Present
B.Tech	Andhra University College of Engineering, Visakhapatnam	8.3	2015-2019
Intermediate	Andhra Pradesh Board Intermediate Education	97.0%	2013-2015
Secondary	Board of Secondary Education Andhra Pradesh	9.8	2013

EXPERIENCE

- Sudalagunta Sugars Limited - B.N.Kandiga** *Dec. 2017 - Jan. 2018*
Internship Tirupathi
– Producing Crystal Sugar from raw Sugarcane Juice
- Indian Institute of Technology - Guwahati** *Aug. 2021 - Present*
Graduate Teaching Assistant Guwahati
– TA for CL 206: Solid-Fluid Operations
– TA for CL 312: Mass Transfer Operations

PROJECTS

- Low Salinity Water Flooding for Enhanced Oil Recovery** *On Going*
MTech Thesis, Dr. Abhijit Kakati IIT Guwahati
– Flooding the carbonate reservoir with low salinity EOR fluids for improving the recovery of oil
– Studying and comparing the results of Zetapotential, Interfacial Tension for different EOR fluids and its effects on Oil Recovery
- Manufacture of Acetaldehyde from Ethylene Oxidation** *2019*
B.Tech Project, Prof. Chitti Babu Andhra University
– Production of Acetaldehyde from oxidation of Ethylene using lab Scale Distillation unit.

TECHNICAL SKILLS

- Programming:** Python
- Miscellaneous:** Microsoft Office, MATLAB*, CMG STARS*
- Database Management :** SQL
- Operating Systems:** Windows ** Elementary proficiency*

KEY COURSES TAKEN

Petroleum Reservoir Engineering
Petroleum Production Engineering
Petroleum Refinery Engineering
Computer Aided Numerical Method
Membrane Separation Process(NPTEL)
Colloids and Interface Science(Dept Elective)
Optimization Techniques(Dept Elective)

ACHIEVEMENTS

- Achieved 4 star in Python, HackerRank** *2022*
- Achieved 5 star in MySQL, HackerRank** *2022*