

PRANAY JAIN

Current City: Ajmer

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OBJECTIVE

To obtain a responsible and challenging position within an organization that allows me to learn new technologies and skills, while utilizing my acquired knowledge and experiences to improve beyond my current abilities.

ACADEMIC BACKGROUND

Degree/ Standard	Board/University	College/ School	Year	% / CGPA
B. Tech Chemical Engineering (Specialization in Refining and Petrochemicals)	University of Petroleum and Energy Studies	College of Engineering Studies	2016-20	7.06/10
S.S.E. (12 th)	CBSE	Samrat Public Sr. Sec. School, Ajmer	2015-16	76.77%
H.S.E. (10 th)	CBSE	Mayoor School, Ajmer	2013-14	8.4/10

PRACTICAL INTERNSHIPS

PARADIP PHOSPHATE LIMITED

Title: Optimization Of Low Pressure Steam

May'27 -- Jul'12

Duration: 45 Days

- Studied the processes of LP steam including its generation, consumption and optimization
- Pursued a comparative study of LP generation and consumption

YARA FERTILIZERS

Title: Study Of Ammonia Plant

Jun'4 – Jul'2

Duration: 30 Days

ACADEMIC PROJECTS

Major Project: Simulation & optimization of tubular photo bio-reactor for algal production

Mentor: Dr. Nilanjana Banerjee (UPES)

Duration: 9 months

- The project aims at designing a tubular photo bioreactor for algal growth by simulating the various parameters associated in the growth and presenting an optimized model at the end. The modeling, simulation and optimization studies were performed on the COMSOL software. Models like Laminar flow (2D), bubble column, Sparging, Solid in liquid, Solid in liquid and gas were developed.

Minor Project: Application Of Polymers and Surfactants in Enhanced oil Recovery

Mentor: Dr. Jagadeeshwar Kodavaty (UPES)

Duration: 8 months

- Studied the changes in oil recovery when both surfactants and polymers are added together.

OTHER SCHOLASTIC ACHIEVEMENTS

- Pursued an online certification course on 'Oil and Gas Industry Operations and Markets' from Duke University.
- Successfully completed certification course on 'Marketing In A Digital World' by the University of Illinois at Urbana-Champaign.
- Successfully completed a three-day 'Executive Excellence Program' organized by UPES in August 2019.
- Actively participated in Robotics Workshop on Bluetooth devices held in UPES, 2017 and interacted with the industry personals.

EXTRA-CURRICULAR ACTIVITIES

- Received an Award of 'Geek of the Year' in recognition of outstanding contribution to the quality of Leadership during Youth Aria Revolution, 2016.
- Volunteered for the NGO – Green Youth Generation during Youth aria Revolution 2016.
- Attended Technical Fest Cognizance'18, IIT Roorkee and participated in 'Karyaneeti' and 'Corpostrat'.
- Actively participated in the four-day 'Personality Enhancement Program' held in UPES in July 2016.

COMPUTER PROFICIENCY

- **Software** : MATLAB, HTRI, COMSOL, ASPEN PLUS
- **Operating Systems** : Windows XP/8/10
- **Application Software** : MS-Office
- **Computer Languages** : C++, SQL

PERSONAL DETAILS

Date of Birth : 21-05-1998
Father's Name : Mr. Surendra Kumar Jain
Mother's Name : Mrs. Shilpa Jain
Category : General
Gender : Male
Nationality : Indian
Home Town : Ajmer
Permanent Address : A-21 Sagar Vihar Colony, Vaishali Nagar Ajmer, Rajasthan, 305004
Permanent Phone No. : +91 7597215241
Languages Known : English, Hindi
Mobility : Ready to relocate anywhere in India and Abroad.

I declare that the details above are correct and true to the best of my knowledge.

PRANAY JAIN