

PARASU PRANEETH SRINIVAS

Indian Institute of Petroleum and Energy, Visakhapatnam

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CAREER OBJECTIVE

To be a successful and sustainable professional resource to with a continual exposure to fastchanging technologies.

EDUCATION

| Program | Institution/ Board | %/CGPA | Year of completion |
|---------------------------------|--|--------|--------------------|
| B.Tech. in Chemical Engineering | Indian Institute of Petroleum & Energy | 6.60 | 2023 |
| Class XII | Sri Chaitanya Junior College | 9.13 | 2019 |
| Class X | Bhashyam High School | 8.70 | 2017 |

INTERNSHIPS

1. HINDUSTAN PETROLEUM CORPORATION LIMITED(HPCL), VISAKHA REFINERY

MAY 2022-June 2022

-Process Safety, Study of Industrial Accidents and Analysis.

-Fire and safety and CDU (Crude distillation unit), FCC (Fluid catalytic cracking), Merox, Flare.

-SRU, LPG Merox unit, About Refinery units

2. OIL AND NATURAL GAS CORPORATION, IPSHEM, GOA.

- HSE Management in petroleum industry. - Researched and formulated a project on the topic

"Long term and short-term Health risks associated with Petroleum industry".

Dec 2021-jan 2022

3. INDIAN INSTITUTE OF CHEMICAL ENGINEERS-INTERNSHIP

8thMay-15thJune 2021

-Completed a project in " Chemical process Technology"(CPT). -A comprehensive study on the various aspects of manufacturing of naphtha cracking, polymerization Process.

PROJECTS

1.Study of operating characteristics of industrial effluent through an integrated packed bed scale design

- Pre-filtration of industrial oily wastewater.

- To reduce the filtration load on the actual filter to improve membrane efficiency.

-Environmentally friendly approach to research

-An In-depth study of oily wastewater degradation mechanism, to improve oily wastewater treatment efficiency, cost.

2. Model calculation solver

- Created a Model Calculations Solver for Heat Transfer and Particulate Technology Lab Experiments.
- Displays all required Tables, Graphs & Final Results for every Experiment.
- Built with HTML, CSS, Bootstrap & JavaScript.

SKILLS

1. **Software:** Proficient in MS-Excel, MS-Office.
2. **Soft Skills:**
 - 1) Strong verbal and written communication skills
 - 2) Capacity to be proactive to take Initiative
 - 3) Time Management
 - 4) Self Starter

CONFERENCES & WORKSHOPS

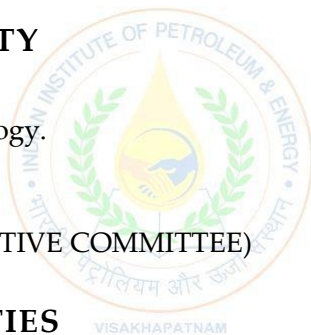
1. TEQIP-3 sponsored Three-day online workshop on Future of Chemical Engineering.
2. Deep learning overview and addressing challenges around data labelling.
3. Organised a one-month training and symposium on "safety training program: HSE in Petroleum Industry".
4. Surakshasamvad under OISD (OIL INDUSTRY SAFETY DIRECTORATE).

AWARDS & ACHIEVEMENTS

1. FCE 2021 E-CERTIFICATE.
2. Qualified JEE ADVANCED in 2019.

POSITIONS OF RESPONSIBILITY

1. Membership person at IICHE.
2. Member at journal of petroleum technology.
3. Member at IIPE SPE Student Chapter.
4. Served as House Captain in School.
5. Hostel Prefect in HEC (HOSTEL EXECUTIVE COMMITTEE)



EXTRA-CURRICULAR ACTIVITIES

1. Singing and Dancing at Cultural Fests.
2. Playing Carroms.

Name of the Student:
PARASU PRANEETH SRINIVAS