



Dugyala Vijay Rama Rao

Chemical Engineering

Rajiv Gandhi Institute of Petroleum Technology

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Eche17-021

UG Third Year (BTech.)

Male

DOB: 22/04/1998

OBJECTIVE

Seeking innovative projects and internships to augment my skills and get an insight in the chemical industry and to use the skills thus gained to contribute towards organizational goals.

EDUCATION

Degree	Examination	Institute	Year	CPI / %
Graduation	BTech	Rajiv Gandhi Institute Of Petroleum Technology	2021	6.68
Intermediate	BIE,TS	Excel Junior College,Hyderabad	2016	94.5
Matriculation	SSC	SPR High School,Warangal	2014	9.20

*Till 6th Semester

ACADEMIC PROJECTS / INTERSHIPS

- Circular Fins for convection, its efficiency and performance of fins in all cases** *Supervised by: Dr. Milan Kumar(3rd Semester '18)*
We made a program in c++ to find out the efficiency and performance of fins in all the cases possible.
- Improving Gas Dehydration System using Packed Bed Glycol absorptive process**
Supervised by: Dr. U.Ojha (5th Semester '19)
Designed and modelled an alternative process to overcome the limitations of traditional glycol dehydration process by using a packed bed having annular porous packing during gas and liquid interaction as compared to the traditional molecular sieves method . The flow rates and inhibitor concentration were simulated by using ASPEN Plus.
- Presented our work on workspace Incivility, as part of our Academic Project on sociology.**
Supervised by: Dr. Anirban Mukherjee(4th Semester '19)
We conducted a survey among the worker staff of our college and gathered information regarding Incivility faced by them, we also gathered information from students regarding Incivility they faced while working for different clubs and chapter.
- Internship at Cairn on Chemical consumption optimization by statistical analysis.**
Supervised by: Vishal shah(20 JUL, 2020-20 AUG, 2020)
We did Statistical analysis and predictive modeling of additional liquid handling facility output parameter- 3rd Stage separator BS&W by Naive Bayes method.

AWARDS & ACHIEVEMENTS

- IIT-JEE Advanced** | Qualified JEE Advance with All India Rank 16219, translates to top 91 percentile 2017
- Indian Statistical Institute exam qualified among 120 members in all over India.
- Consecutive 2 time winner in PFL, RGIPT's Cricket League.
- Runner-up in Kabaddi in institute Sports fest, Energia 2K18

TECHNICAL SKILLS

- **Software:** AutoCAD | MATLAB | MS OFFICE | Google Sketch Up
- **Programming Languages:** C | C++ | CORE JAVA | PYTHON |

POSITIONS OF RESPONSIBILITY

- *Logistics Head at FIPI RGIPT Student Chapter, 2019-20.*
- *Event Management Co- Head at FIPI RGIPT Student Chapter, 2019-20.*
- *Logistics Executive at FIPI RGIPT Student Chapter, 2018-19.*
- *Hospitality Executive, Kaltarang-2k18 (National Level Cultural Fest).*
- *Kabaddi Team Player, Energia-2k18 (National Level Sports Fest).*

WORKSHOPS

- **FIPI Annual convention |** 2019
Attended 2 days FIPI annual convention at PDPU Gandhinagar and presented Activities of RGIPT FIPT Student chapter.
- **Data Science Workshop | Winter School 2018** 2018
Attended a 2 days' workshop on Data Science in Winter School 2018, RGIPT. The Workshop helped me build my interest in Machine Learning and Data Science and make us acquaint of basic principles of ML and python.