

RAVI RANJAN

Final Year, RGIPT | Chemical Engineering Undergraduate

Male | 03/07/2000

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OBJECTIVE

- I'm a budding Chemical Engineer with a passion. To help in development of my country and society using attained knowledge.

EDUCATIONAL BACKGROUND

COURSE	INSTITUTE	CPI/CGPA/%	YEAR
B.Tech in Chemical Engineering	Rajiv Gandhi Institute of Petroleum Technology (Institute Of National Importance)	6.33*/10 * till 6 th Semester	2019-2023
XII, (BSEB)	G.M College Bettiah, Bihar	60	2018
X, (CBSE)	ST.Xavier's H.S School Bettiah, Bihar	9.2 CGPA	2016

INTERNSHIP

- Effluent treatment plant | Summer Internship| HPCL Vishakh Refinery** May 14– June 27, 2022
Mentor: **Shri Kailash Rathod Nayak (Senior manager Commissioning)**
 - Learned about the different processes and blocks of ETP.
 - Learned about the treated quality and the treatment adopted.

PROJECTS/COURSES

- Project title: Catalyst synthesis for thermo chemical conversion of biomass to hydrogen**
(Using rice straw and other waste material)
Mentor: **Dr.Gunjan Kumar Agrahari** August 2021- December 2021
 - This project was mainly focused on production of Hydrogen from biomass using catalyst.
- Project title: Modelling & Design of Flare Gas Recovery System in Refinery**
Mentor: **Dr.Vivek Kumar** July 2022- September 2022
 - Recovery of methane, ethane, hydrogen and other lighter gases
 - Removal of moisture and heavier hydrocarbons.
 - Designed the optimal system for the recovery.
- Cloud Computing** July 2022- Ongoing
Organization: NPTEL (IIT KGP)
 - It is a scalable services consumption and delivery platform.

ACHIEVEMENTS AND HONOURS

- Qualified GATE CH 2022 with **AIR 2434** in 3rd Year (1st Attempt).
- Among **top 2%** in JEE Advanced 2019 and secured 3006 Category Rank.

TECHNICAL SKILLS

- Programming Languages : C, Python
- Software : Aspen plus, HYSYS, MATLAB, AutoCAD, MS Office.

EXTRA-CURRICULAR ACTIVITIES/PORs

- Co-Convener** Gyanarpan Project Amethi (**150+ Volunteers**) (2022-23)
- Overall Coordinator** Gyanarpan Project Amethi (2021-22)
- Served as teaching volunteer of mathematics and devoted **300+ hrs** over 3 years under Gyanarpan social initiative of RGIPT.
- Industrial visit, INDORAMA pvt Limited Jagdishpur 4th May 2022.