

DEEPANSH PAHUJA

Final Year | Chemical Engineering Undergraduate

Male | 21 | 16/12/1999

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Rajiv Gandhi Institute of Petroleum Technology, Jais,
Amethi, 229304



EDUCATIONAL BACKGROUND

COURSE	INSTITUTE / SCHOOL	CPI/CGPA/%	Year
B-Tech in Chemical engineering	Rajiv Gandhi Institute of Petroleum Technology	5.77*/10 *Upto 5 th Semester	2018-2022
XII, Science (CBSE)	D.A.V Public School Kota	72.8%	2017
X (CBSE)	D.A.V Public School Kota	93.1 or 9.8 CGPA	2015

INTERNSHIPS

- ❖ **Summer Intern || IOCL (Meerut Terminal)** **July'20 – August'28,2021**
 - General operations and maintenance.
- ❖ **Industrial Trip to IOCL Mathura** **Feb'14,2020**
 - Visit to IOCL Mathura Refinery to understand the working of ADU / VDU, Safety Park and the Main Control Room.

PROJECTS

- ❖ **Setup of air conditioner:** (2018)
Supervisor: **Dr. Milan Kumar**
 - Designed a program which tells us how much amount of power we have to supply to maintain a constant temperature, in variable external conditions.
- ❖ **Kinetic Modelling of Gasification of Agri-biomass using ASPEN** (2021)
Supervisor: **Dr. Gunjan Agrahari**
 - Designed a reactor with packed bed by understanding the process of pyrolysis and gasification and basic reactions happening in the reactor.
 - Ran a simulation of kinetics at different process conditions in ASPEN PLUS.

TECHNICAL SKILLS

Software Skills: AutoCAD* , MATLAB* , Aspen+ , Advance-Excel

Programming Languages: C++ , Python: (NumPy , Pandas , Matplotlib , SciPy , Turtle) , SQL , Mongo-DB (For No-SQL) , Data Structure and Algorithms , Competitive Programming.

Languages: English, Hindi

Elective: Catalysis in Petrochemicals Industries

*Basic level

POSITIONS OF RESPONSIBILITY

- ❖ Served as a member of the I.C.U.E.R 2019 Event Management Committee.
- ❖ Volunteer | Gyan-Arpan, an initiative by social club Arpan to teach village children from local schools.
- ❖ Campus ambassador of SPE (Society of Petroleum Engineers), PDP.
- ❖ Represented college basketball team in inter IIT's at IIT (BHU) Spardha'18.

ACHIEVEMENTS

- ❖ 2019 Attended International Conference on Unconventional Energy Resources (ICUER-19)
- ❖ 2018 Qualified IIT JEE (ADVANCE + MAINS) 2018 with 99.0 percentile.
- ❖ 2014 Distinction in Australian National Chemistry Quiz (ANCQ) which is conducted by Royal Australian Chemical Institute.