

YASHVEER SINGH

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Career Objective

To secure a position where I can efficiently contribute my skills and abilities to the growth of the organisation and to build my professional career.

Education

Program	Institution / University / Board	% / CGPA	Year
M. Tech Chemical Engineering	Indian Institute of Technology, Madras	7.73	2020
B. Tech Chemical Engineering	Dr. A.I.T.H., Kanpur	65.82	2017
Higher Secondary School	Uttar Pradesh Board	66.00	2013
Senior Secondary School	Uttar Pradesh Board	63.83	2011

Projects

➤ M.Tech Project

- Determination of boil off gas (BOG) rate from LNG storage tank using UniSim Design software.
- Here we have considered Liquefied natural gas (LNG) storage tank as equivalent to batch distillation under certain assumptions.
- We have calculated BOG rate using UniSim Design software which is a dynamic software used for batch distillation calculation.

➤ B. Tech Project

- Production of Sulphuric acid from Elemental Sulphur by Double Contact Double Absorption (DCDA) process.

Internship

- Industrial Training at Indian Oil Corporation Limited, Mathura Refinery, (6weeks,2016)
 - Overview of Oil Movement and Storage (OM&S) unit IOCL Mathura Refinery.
 - Overview of Catalytic cracking and reforming (CCRU) unit IOCL Mathura Refinery.

Core Engineering Subjects

- Mass Transfer
- Heat Transfer
- Process Control and Dynamics
- Thermodynamics
- Fluid Mechanics
- Chemical Reaction Engineering
- Unconventional Oil and Gas Resources
- Petroleum Refining operation & Process

Achievements

- Secure 94.27 percentile in Gate 2020.
- Qualified Gate 2018, 2019 and 2020 in Chemical Engineering.

Basic Knowledge of Chemical Engineering Softwares

- MATLAB
- Aspen plus
- UniSim Design, which is dynamic software from Honeywell.

Computer Skills

MS Power Point, MS Word, Net Surfing, MS Office, Windows OS, Basics of C language.

Positions of Responsibility

- Coordinator at International Symposium and Workshop on LNG Value chain (Dec-2019)
 - Worked as coordinator in organizing the event and managing the tasks.
- Coordinator at Disaster Management Committee (DMC, IITM)
 - Worked as coordinator in DMC (an institute body), which works for awareness about health and hazards.

Extra-Curricular Activities

- Personal Empowerment in Emergency Responses (PEER) (IITM,2019)
 - Successfully completed basic life support course and learnt the procedure involved in CPR and AED Machine.
- Participated in CHEMOFLEXIA Organized by Indian Institute of Chemical Engineering and Council of Chemical Engineers (Dr.A.I.T.H. Kanpur-2013).

Personal Details

DOB- 12/06/1995

Nationality- Indian

Village- Babu Nagla, Post- Gomat, District- Aligarh

Uttar Pradesh, Pin Code- 202135

Declaration

- I hereby declare that the information given above is true and correct to the best of my knowledge and belief.

(Yashveer Singh)