

PRANJAL NETAM

LIG 4/7 Geetanjali complex near Hajela Hospital south TT nagar, Bhopal, Madhya Pradesh, India
pranjalnetam1996@gmail.com
+91-9669945231

CAREER SUMMARY

Recent, hardworking engineering graduate with experience in a chemical processing environment. Capable and driven with a focus on developing and improving processes. Well-experienced in process simulation and design calibration. Knowledgeable and dedicated. Seeking the opportunity to add demanded value to a chemical company.

EDUCATION QUALIFICATION

- **Bachelor of Technology** – Chemical Engineering, 2014-2018
Maulana Azad National Institute of Technology, Bhopal
- **Higher Secondary Education** – Science (84.8%), 2013-2014
Model Higher Secondary School, Bhopal
- **Senior Secondary Education, (82.33%), 2011-2012**
Model Higher Secondary School, Bhopal

SKILLS

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|----------------------------------|-----------------------------|
| • Critical and creative thinking | • Communication Skills |
| • Listening Skills | • Critical logical thinking |
| • Presentation Skills | • problem solving |
| • Teamwork | • Analytical Skills |
| • Calm under pressure | • Project management |

INTERNSHIPS

- **Major Training (1ST June 2017-28TH June 2017)**
Organization – Gail India Limited, Pata, Uttar Pradesh.
Project - "Study of operation involved in manufacturing of Linear Low-Density Polyethylene"
- **Minor Training (15th December 2016 – 30th December 2016)**
Organization – Sail India Limited, Bhilai, Chhattisgarh.
PROJECT – “Evaluation of Sail’s retail Model compared to the model competitors.
- **Business Development Executive (6th June 2018 – 20th October 2018)**
Organization – Star Fing Pvt. Ltd. Hyderabad, Telangana
Completed three months paid marketing internship as Business development executive from 6th June 2018 to 20th October 2018.

ACADEMIC PROJECTS

- **Minor Project (Jan-March 2017)**

Modelling of industrial chemical process with MATLAB and Simulink,

(Guided – Dr. Bharat Modhera, Head of Department, Chemical Department).

Description - Model based design with MATLAB and Simulink has provided a cost-effective way to simplify and automate our design workflow by enabling chemical process engineers and controls engineers to work in the same environment.

- **Major Project (July-November 2017)**

Production of high-quality petroleum products from Crude oil using ASPEN HYSYS.

(Guided – Dr. Bharat Modhera, Head of Department, Chemical Department).

Description - The aim of this project is to obtain higher yields of petroleum products by processing crude oil feed with similar properties as that used in the refineries using ASPEN HYSYS.

- **Major Project (January – April 2018)**

Simulation analysis of a Propane Recovery Plant using ASPEN PLUS.

(Guided – Dr. Bharat Modhera, Head of Department, Chemical Department).

Description – A cryogenic plant is setup to recover propane, butane, and other heavier alkanes with two operating distillation columns; de-Methanizer and de-Ethanizer. The available software Aspen Plus is used to simulate this cryogenic plant to serve the purpose of recovery.

TECHNICAL SKILLS

- Engineering Design – Conceptual Design, FEED, Detailed Design
- Energy Audit, Energy Optimization, Pinch Technology, Hydraulic Studies
- Design Deliverables, Modelling, Simulations, Design Optimization
- Aspen HYSYS, Aspen EDR, Aspen Capital Cost Estimator, MS Office Proficient
- Aspen Plus, AutoCAD, MATLAB.
- Communication, Co-ordination, Problem-Solving, Planning, Execution
- Programming Knowledge – C/C++, Java/Java-Script, Python, R

ACTIVITIES & ACHIEVEMENTS

- Won the first prize trophy from NVDA, Bhopal for excellent performance in Senior Secondary School.
- Won the first prize trophy from NVDA, Bhopal for excellent performance in Higher Secondary School.
- Worked as Co-Ordinator at Rotaract Club in MANIT, Bhopal for three years.
- Worked as Volunteer at Vision in MANIT, Bhopal, for three years.
- **CHEMINFORMATICS**- Successfully attended five days National workshop held at **MANIT** during 1st-5th July.
- **BIOINFORMATICS**-Successfully attended five days National workshop held at **MANIT** during 26th-30th June.

CERTIFICATIONS

- **AUTOCAD-2D** Design and 3D Modelling.
- **CATIA** – Computer Aided Design and Modelling.
- **ANSYS Software – Fluent, Discovery Live, Space claim.**
- **MATLAB**-Basics of MATLAB, Mathematics, Programming, Simulink, Control System, Statics.
- **CERTIFIED ASSOCIATED OF PROJECT MANAGEMENT.**
- **OIL AND GAS MARKETING & OPERATION**- An online course provided by **COURSERA**.
- **MICROSOFT OFFICE** – Word, Excel Power Point, Advanced Excel 2016.

ADDITIONAL KNOWLEDGE

- Process plant design project management.
- Planning and integration of refinery and petrochemical operation.
- Localisations of oil and gas operation.
- P&ID design, Plant 3D design, generating isometric and orthographic drawings, creating plant reports and editing specs and catalogs using AutoCAD plant 3d.
- Process Design, Process Equipment Design, Process Simulation using Aspen ONE

HOBBIES

- Playing Football, Cricket, Chess
- Reading Novels
- Listening to Music
- Solving Puzzles

PERSONAL INFORMATION

Father's Name	RAMESH KUMAR NETAM
Date of Birth	12/10/1996
Permanent Address	L.I.G. 4/7 Geetanjali Complex Near Hajela Hospital, Bhopal, 462003 (M.P.).
Gender	Male
Marital Status	Unmarried
Languages Known	Hindi, English

I declare that the above information is correct in my knowledge.

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