

# Rahul Barahate

Chemical Engineer

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📍 Nagpur Maharashtra

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## EDUCATION

### B.E Chemical Engineering

K K Wagh Institute of Engineering Education and Research

Dec 2021–May2024|Nashik,India

SPPU-CGPA: **9.08**

### Diploma in Chemical Engineering

Government Polytechnic Arvi

July 2016–2019|Wardha, Maharashtra

Percentage: **82.85%**

### Secondary Education

Shrikrushna High school

2014|Sawngi , Nagpur Maharashtra

Percentage :**79.80%**

## ACHIEVEMENT

- **2<sup>nd</sup> Prize In Project Poster Presentation**  
Institutions Innovation Council (IIC)  
26<sup>th</sup> -28<sup>th</sup> Feb 2024 |KKWIEER ,Nashik
- **1<sup>st</sup> Prize in Poster Presentation**  
ChemFest2023ACES  
April 2023| KKWIEER Nashik
- **1<sup>st</sup> Prize in Kabaddi Sports Inter Department**  
MAFFICK April 2023 And March 2024
- **1<sup>st</sup> Prize In 3KM Running Competition**  
HMEL Sports committee , Jan 2020

## EXTRA CURRICULAR

- **T&P Cell Student Coordinator.**
- **Hospitality Team Member MAFFICK**  
Feb 2024| KKWIEER, Nashik.
- **MAFFICK Kabaddi Sport Organizer**  
2023| KKWIEER, Nashik.
- **NSS Volunteer 2022-24.**
- **Industry Connect Program (MACCIA)**  
Sep 2019- Oct 2022.

## PROFESSIONAL EXPERIENCE

### HPCL-Mittle Energy Ltd.

Diploma Engineer Trainee in VGO-Hydrotreater Unit

Junior ExecutiveIn LLDPE-HDPE Swing Unit

(Univation Technologies USA)

July2019– Jan 2022 |Bhatinda, Punjab

### Manas Agro Industries &Infrastructure Ltd.

Role Intern 23<sup>rd</sup>Jan-22<sup>nd</sup> Feb 2023|Wardha,

Maharashtra

### Rashtriya Chemicals and Fertilizers Ltd.

Role Intern 15<sup>th</sup> May-14<sup>th</sup> June 2018 Thal, Maharashtra

## PROJECT

### Enzymatic Digestion of Biomass for production of Bio-Hydrogen

Currently Under-Progress

Decomposition of Agriculture Waste, Clean and Green fuel source

### Simulation of Distillation Column using DWSIM

Aug 2022 – Mar 2022

Case Study of Distillation Column operation

### Recovery of Fuel from Waste plastic

July 2018 -May 2019

Recycle of plastic, Fuel Source

## CERTIFICATES

- **Aspen Plus Simulation Software**  
A Basic Course NPTEL July2023- Oct 2023
- **GTT Foundation**  
30<sup>th</sup> Sep 2023
- **BricsCAD, KKWIEER**  
19<sup>th</sup> Aug -23 Aug 2023
- **Aaharya Technologies**  
Cooling Tower Efficiency Calculation Aug 2023
- **UniSim Software**  
KKWIEER , Jan 2021