



**R.Sudhanshu**

**Chemical Engineering**

**Rajiv Gandhi Institute of Petroleum Technology, Jais**

**Email –eche17038@rgipt.ac.in**

**Email 2-rsudhanshu99@gmail.com**

**Eche17038**

**Male**

**3<sup>rd</sup> Year(B.Tech)**

**DOB 13-04-1999**

**Phone-9664379367**

## OBJECTIVE

To obtain a creative and challenging position in an engineering role that gives a scope of self-improvement and leadership, while utilising my chemical engineering knowledge, professional skills and laboratory experience contributing to the organisational growth.

EXAMINATION	University	Institute	Year	CPI
Graduation	<b>RGPT</b>	Rajiv Gandhi Institute Of Petroleum Technology	<b>2021</b>	<b>7.34</b>
Intermediate/+2	<b>CBSE</b>	Kautilya Senior Secondary School Kota, Rajasthan	<b>2017</b>	<b>76.4%</b>
Matriculation	<b>CBSE</b>	Kendriya Vidyalaya ONGC Ankleshwar, Gujarat	<b>2015</b>	<b>9.4/10</b>

## INTERNSHIP/ACADEMIC PROJECTS

### INTERNSHIP

- **Online Summer Internship on Petroleum Refining Engineering conducted by IICHE**

*Details:* Study of various Petroleum refining process and units such as ADU, VDU, Delayed Coker, Hydrocracker Unit, Reforming Unit, DHDT unit etc.

### PROJECTS

- **To Determine average heat transfer coefficient in pipe flow**

*Guide:* Dr. Milan Kumar |Chemical Engineering | RGPT

*Details:* Average heat transfer coefficient was determined using C++ Language.

- **Project on Green Campus using Arduino and IOT**

*Details:* To reduce wastage of electricity in campus a PIR based model was developed.

To achieve optimal and effective model, use of IOT was incorporated in model using Arduino

- **Methanol Dehydration System through Counter Current Absorption**

*Guide:* Dr.U.Ojha |Chemical Engineering |RGPT

*Details:* Modelled dehydration system to replace the traditional glycol Process.

## AWARDS AND ACHIEVEMENTS

- Secured 1<sup>st</sup> Position in Futsal in Sports Fest (**ENERGIA '18, RGPT**).
- Secured 1<sup>st</sup>Position in Project Exhibition, Winter School organized by Science and Technical committee.
- Ranked in **top 2%** in IIT-JEE 2017.

## TECHNICAL SKILLS

- **Programming Languages: C/C++**
- **Software:** AutoCAD, MsExcel
- **Electronics:** Arduino

## POSITION OF RESPONSIBILITY

- Secretary at **American Institute of Chemical Engineers (AICHE)** Student Chapter.  
[Aug'20-present]
- Event Management Head at **American Institute of Chemical Engineers (AICHE)**  
Student Chapter. [July'19-May'20]
- Logistics Executive at **Federation Of Indian Petroleum Industry (FIPI)**  
Student Chapter. [Aug'18-May'19]
- Assisted the **Cyber Gaming Team** in organising cyber games in  
Kaltarang 2018. [Feb'18-April'18]

## WORKSHOPS/ INDUSTRIAL VISIT

- Attended workshop on **Internet of things(IOT) in** Winter School. [JAN18]
- Industrial visit at IOCL Panipat Refinery. [JAN20]