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Roll  
Number:eche17004  
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### OBJECTIVE

To pursue a career in the field of Chemical Engineering where I can apply my knowledge and inter-personal skills, and lend a hand in the growth of the company and further nurture my skills along the way.

EXAMINATION	University /Board	Institute	Year	CPI/%
Graduation	RGPT	RGPT	3 <sup>rd</sup> Year (7 <sup>th</sup> sem)	8.16 till 6 <sup>th</sup> sem
Intermediate/+2	CHSE	ODISHA JRI. SCIENCE ACADEMY	2016	78%
Matriculation	BSE	SATYA NANDA HIGH SCHOOL	2014	82.17%

### INTERNSHIP / ACADEMIC PROJECTS

#### Online Summer Internship |Indian Institute of Chemical Engineers

[23 May'20 – 15 July'20]

This internship provided with a basic idea of different real life industrial processes, problems, trouble shooting, decision making and preventive maintenance techniques and professional culture of industry, work ethics and attitudes in industry. The different live situation, dealing with hazards and modern technological application.

#### Industrial Trip To IOCL Panipat Refinery| 6<sup>th</sup> Semester|

[11<sup>th</sup> January,2020]

The aim of this trip was to give an overview of Petroleum Refinery Industries, to introduce to the different operation units, particularly fire and safety management and control panel section.

#### Winter internship| Rashtriya Ispat Nigam Limited , Vizag Steel [02 Dec'19 – 21 Dec'19]

Mentor : G. Venkata Rao

Had overview on Coke oven & Coal Chemical plant.

#### Hydrodynamics Study in Micro Channels

Mentor : Dr. Koushik Guha Biswas

[Jan'20 – On going]

Analyse different type of flow properties in micro channels.

#### Insulation Cost Calculator

[Sept'18 – Nov'18]

Mentor: Dr. Milan Kumars

The project aimed to create a program for calculating the cost of insulation taking into consideration, conduction and convection.

Numerical method (Newton Raphson) has been used in the program for solving non-linear equations

The program also checked the total weight and cost of insulation

## **Sociological Research on “Factors Influencing Happiness Index of students in Engineering Colleges”**

**Mentor: Dr. Anirban Mukherjee**

[Mar’19 – Apr’19]

More than 50 plus colleges of India was approached and data base was collected within a prepared questionnaire. The same was analysed and a hypothesis was created based on the results. The hypothesis was validated through Chi Square Testing and AB testing.

## **Skimmer Design**

**Mentor: Dr. Umaprasana Ojha**

[Oct’19 – Nov’19]

The design was basically of a horizontal skimmer with advance innovation to separate water and oil in least possible residence time.

## **AWARDS AND ACHIEVEMENTS**

### **Gyanarpan | Arpan RGIPT Social Club | 2018 – 2019**

Certified for contributing 60 hours of teaching to underprivileged children at Gyanarpan Teaching Centre.

### **IIT – JEE Advanced | INDIA | 2017**

Qualified JEE Advanced 2017 with 4763 (OBC) rank.

## **TECHNICAL SKILLS**

AUTOCAD

C PROGRAMMING

COMPUTATIONAL FLUID DYNAMICS

MS OFFICES

GOOGLE SKETCHUP

## **POSITION OF RESPONSIBILITY**

- **Co-Convener Of Arpan Teaching Club | Social Services Council Arpan**  
Social Services Council Arpan is one of the four governing councils of RGIPT. The council consists of four clubs, one of those club is arpan teaching club consisting of 10 members.
- **Designing Executive | AICHE RGIPT Student Chapter**  
SEP 2018 – JUN 2019
- **Front desk manager | Energia-2020 (RGIPT Annual sports fest)**

## **WORKSHOP AND CONFERENCES**

- **Participated in online webinar on “ DESIGN OF SHELL AND TUBE HEAT EXCHANGER”**
- **Participating in school on COMPUTATIONAL FLUID DYNAMICS in Winter School**  
organized by science and technical committee , 19<sup>th</sup>-20<sup>th</sup> January,2019, RGIPT ,Jais
- **Participating in school on DATA SCIENCE IN OIL AND GAS INDUSTRY in Winter School**  
organized by Science and Technical committee,19<sup>th</sup>-20<sup>th</sup> January,2018, RGIPT, Jais.
- **Presented a project entitled UNMANED RAILWAY CROSSING in Winter School**  
organized by science and technical committee , 19<sup>th</sup>-20<sup>th</sup> January,2018 RGIPT ,Jais