



Shivam

Chemical Engineering

Rajiv Gandhi Institute of Petroleum Technology

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ECHE17063

UG Fourth Year (B.Tech.)

Male

DOB: 05/10/1997

Examination	University	Institute	Year	CPI/%
Graduation	RGPT	RGPT	2019	8.17
Intermediate/+2	Sri Chaitanya	Sri Chaitanya	2016	89.4%
Matriculation	St. Karens Sec.	St. Karens Sec.	2014	10.00

OBJECTIVE

To work for an organization which provides me the opportunity to improve my skills and knowledge to grow along with the organization objective. Always Eager to learn new technologies and methodologies. Ability to produce best result in pressure situation. An enthusiastic fresher with highly motivated and leadership skills pursuing bachelors of engineering in Chemical Engineering.

SCHOLASTIC ACHIEVEMENTS

- Achieved advance rank 19570 from 1400000 students in JEE.
- Scored appreciable scores in Physics, Chemistry and Math's with 95 marks
- Completed Class 10th with a grade of 10 CGPA.
- Participated in 6th International Olympiad of Mathematics and achieved 2669 international rank in 2013
- Participated in 5th International Olympiad of Science and achieved 448 international rank in 2013
- Participated in Global Talent Search Examination conducted by Amity University and achieved rank of 22 in 2010

INTERNSHIP

Rashtriya Ispat Nigam Limited

[3rd June 19- 21st June 2019]

- Joined Rashtriya ISPAT Nigam LTD. and worked in co- chemical plant.
- Worked on processing of Batteries and raw materials.
- Assisted in Benjol Distillation Plant and Ammonium Sulphate Plant operation.
- Assisted in NAFC Napthelene and Anthracene Section) and ASP Air Separation Process.

Indian Institute of Chemical Engineers

[23rd May 20- 30th June 2019]

- Joined IICHE summer internship to learn about zero discharge fluid management.
- The topic of internship was Microbial fuel cell (MFC) and Hybrid Membranes.

KEY PROJECTS

Bio-Resources

[Jan '19 –Ongoing]

Guide: Dr Debashish panda

- To prepare organic sustainable material from rice straw having tensile strength equivalent to wood.
- To develop sustainable energy system from waste in order to contribute something altruistic to society.

Barc-Uranium Project

[May '18 -Jun'18]

Guide: Dr Umapasana Ojha

- Monitored Uranium Concentration in search for Uranium Belt in Uttar Pradesh , a project proposed by **BARC(Bhabha Atomic Research Center)** by measuring the amount of Uranium in Water sample collected from five districts.

WORK SHOPS AND CONFERENCES

- **CHEM CONFLUX20**_abstract regarding_Optimization of Heat Exchanger Networks and Thermal Energy Efficiency using Pinch Technology Analysis.
- **ICUER 2019** – It was an International Conference with the Theme of Unconventional Energy Resources.
- **Winter School 2018**- Attended a workshop on DATA Science based on digital transformation in oli and chemical Industry.

POSITIONS OF RESPONSIBILITY

- Placement Coordinator in the RGIPT Institute [2020-2021]
- President of IICHE (Indian Institute of Chemical Engineers) RGIPT [2020-2021]
- Treasurer of IICHE (Indian Institute of Chemical Engineers) RGIPT [2019-2020]
- Member of B.Tech canteen management committee [2019-2020]
- Batch representative of Batch2017 [July'17-Till Date]
- Head coordinator in the Lecture series inauguration and Vivekananda Statue inauguration done by Smt. Smriti Irani on 12th Sep 2019
- Head Coordinator of Convocation held on 19th October 2019
- Logistic manager in IICHE (Indian Institute of Chemical Engineers) [2018-2019]
- Coordinator in SPE Membership Drive [2018-2019]
- Administrative coordinator in AICHE(American Institute of Chemical Engineers) [2018-2019]
- Volunteer in RGIPT Arpan social club [2018-2019]

TECHNICAL SKILLS

- **Business Analyst Nano-degree (UDACITY)**
Used Advanced Excel, SQL and Tableau in order to Analyze the Data, Query the data from a huge dataset and Visualize the data to make sense out of it.
- **Predictive Analytics Nano-degree (UDACITY)**
Used Different Predictive Models like Regression, Decision Tree, Forest Model, Boosted Model, ARIMA, ETS in order to solve multiple real world problems. The prediction was done using Alteryx.
- **Programming languages:** C
- **Software:** AutoCAD, MS Office, Advance excel, Origin, Zetasizer, Alteryx, TABLEAU

CO-CURRICULAR ACTIVITIES

- Captain – Kabbadi Team A, RGIPT – Energia'20
- Selected for Kabbadi in RGIPT and stood runner up for sports fest Energia'18 - 19
- Member, Cricket Team RGIPT
- Participated and won in many college events and recited self written hindi poems.