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### OBJECTIVE

Seeking innovative projects and Internships to augment my skills and get an insight in the chemical industry. A creative chemical undergrad. with web development skills ,keen in exploring the IT sector . Possesses technical, analytical and problem solving skills .

| EXAMINATION     | University | Institute                       | Year | CPI/% |
|-----------------|------------|---------------------------------|------|-------|
| Graduation      | RGIPT,Jais | RGIPT,Jais                      | 2019 | 8.22  |
| Intermediate/+2 | CBSE       | Cathedral Sr Sec School,Lucknow | 2017 | 93.2  |
| Matriculation   | CBSE       | MPVM,Allahabad                  | 2015 | 9.60  |

### INTERNSHIP /ACADEMIC PROJECTS

- Research Internship :**Paint and Corrosion Engineering ,CDC & Rubber Testing** [10<sup>th</sup> June-5<sup>th</sup> July '19] At M&C Directorate ,RDSO ,Lucknow .  
Tensile strength analysis using destructive testing of metals and brielle hardness measurement .  
Corrosion testing properties of paints and pigments used in carriages and coaches.  
Composite Break Block testing using Acetone extraction method and Dynamometer test  
Limiting Oxygen Index analysis for fire testing and Izod Pendulum Impact Resistance for strength testing  
Plotted various parameter using values obtained from Differential Scanning Calorimeter for measuring glass transition temperature and melting point .
- "**Staggered-Tube Heat Exchanger Heat Exchanger Analysis for High Enthalpy Flows**" using C++ and MS EXCEL under Dr Milan Kumar in 3<sup>rd</sup> Semester'18 to analyse the cost evaluation in designing staggered tube flow banks with optimum heat transfer coefficient .
- Presented a petroleum dictionary **Android application** named –"**PetroPedia**" built in android studio using Java & XML at Winter School , '19 .A regular dictionary application that has a minimal user interface with additional options like word of the day , favourites , random words .
- "**Box Office Data Analysis**" under Dr.Anirban Mukherjee [Apr'19] :  
A quantitative **data analysis using MS Excel and Machine Learning** that utilizes the data from previous bollywood movies and predicts the possible box office collection taking into account various parameters

### AWARDS AND ACHIEVEMENTS

- Currently **Department Rank 10** among 59 Chemical Engineering Graduates
- Qualified **JEE Advanced ,2017** with **86.71** percentile among 1,50,000 aspirants .
- Qualified **JEE Mains,2017** with **95.3** percentile among 14,00,000 aspirants.
- Received "**Best Project Presented**" for PetroPedia android application at Winter School , '19
- Won first prize in group dance competition at KALTARANG'18

### TECHNICAL SKILLS

- **Programming Languages:** C++/C, JavaScript, Node.JS, HTML/CSS, Java, JQuery
- **Software:** MS EXCEL/WORD/PowerPoint,AutoCAD,Adobe Premiere Pro/After Effects/LightRoom
- **Electronics :**Arduino

## POSITION OF RESPONSIBILITY

**Organizing Secretary (Kode Club) at S&T Council, RGIPT** [Apr'19-Present]

- Successfully organized a 2 day hackathon on Data Structures & Algorithms
- Mentored multiple projects including College Utility Website and Mess Monitoring App that were presented at Winter School ,2019
- Procured funding and resources to successfully establish and operate DC++ in the Institute
- Designed and maintained S&T Councils' official website :[www.sntrgipt.in](http://www.sntrgipt.in)

**Web Designing Head ,SPE RGIPT Chapter** [Aug'18-Apr'19]

- Designed and Maintained SPE RGIPT Student Chapter's official website :[www.spergipt.in](http://www.spergipt.in)
- Co-assisted the event-management team in successfully organizing online events.

## WORKSHOP AND CONFERENCES

- Attended Workshop on “**Computational Fluid Dynamics** “ at Winter School '19 ,RGIPT organized by SkyFi Labs
- Attended **URBAN'18** , a National conference on mapping urbanization in India from socio-spatial perspectives.