



Shubham Kumar
Chemical Engineering
Rajiv Gandhi Institute of Petroleum Technology, Jais (U.P)

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Eche17053
Male
UG B.Tech(2017-2021)
DOB : 21/12/2000
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OBJECTIVE

Secure a responsible career opportunity to fully utilize my training and skills, while making a significant contribution to the success of the company.

EXAMINATION	University	Institute	Year	CPI/%
Graduation	RGIPT	Rajiv Gandhi Institute of Petroleum Technology, Jais, Amethi	2017-21	4.46 (till 6 sem)
Intermediate/+2	RBSE	Sumit Bal Sr. Sec. School, Kota , Rajasthan	2016	76.4
Matriculation	CBSE	Delhi Public School , Raigarh, Chattishgarh	2014	8.4

INTERNSHIP /ACADEMIC PROJECTS

- **AUTONOMOUS QUADCOPTER / DRONE PROJECT**
Using APM ADURINO Flight Controller Board with GPS Location Tracking , Obstacle Avoiding **LIDAR** Sensor, FPV Camera ,Long Range Communication Via Telemetry.
- **CALCULATION OF AVERAGE HEAT TRANSFER COEFFICIENT IN LINE TUBE BANK** Using MS EXCEL with different conditions and equation visualization of various variables was done proposed in literature for heat transfer coefficient.
- Sociological Project on **PREDICTING THE SUCCESS OF UPCOMING FILMS IN BOLLYWOOD** By using the Old Film's (2000-2018) Data.

AWARDS AND ACHIEVEMENTS

- Winner for The Best Project in Making the **Quadcopter** in S&T Winter School RG IPT 2018.
- Participated in **Drama For Pratidwani** Fresher RG IPT Fest 2017.

TECHNICAL SKILLS

- Coding Skills – C,C++, Graphical interface Coding.
- Software Skills – Adobe Photoshop, Adobe Premiere Pro, AutoCAD, Unity 3d, Unreal Engine , MS Word , MS Excel , MS Powerpoint.

POSITION OF RESPONSIBILITY

- Head Of **Team Drone** at S&T Tinkering Lab .

WORKSHOP AND CONFERENCES

- Attended Courses for **Machine learning** at S&T Winter School 2018.
- Attended Courses for **Computational Fluid Dynamics** Software 2019.
- Attended **ICUER** Conference 2019.

ACADEMIC COURSES

Core Subjects	Chemical Reaction Engineering*, Thermodynamics, Material Science, Fluid Mechanics, Mechanics of Solids, Heat and Mass Transfer, Unit Operations (Mechanical Operations) ,Mass and Energy Balance*
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Specialization	Natural Gas Processing*, Petroleum Refining –I&II*, Petroleum Chemistry
Other Subjects	Introduction to Geoscience, Electrical and Electronics Engineering* ,Numerical and Statistical Analysis, Engineering Graphics and Workshop Practices, Economics*, Professional Communication ,Humanities and Social Science, Behavioral Sciences

*to be completed by Nov 2019