

EDUCATIONAL QUALIFICATIONS

Year	Degree/Certificate	Institute	Performance
2017-2021	B. Tech – Electrical Engineering Minor in Industrial & Management Engineering	Indian Institute of Technology Kanpur	8.6/10.0
2016-17	Grade 12 th (CBSE)	Cambridge Court High School, Jaipur	94.4%
2014-15	Grade 10 th (CBSE)	St. Anselm's Pink City, Jaipur	10.0/10.0

SCHOLASTIC ACHIEVEMENTS

- Secured **All India Rank 530** in **JEE Advanced** and **All India Rank 1358** in **JEE Mains** out of **1.5 million** candidates 2017
- Awarded **Kishore Vaigyanik Protsahan Yojana (KVPY) fellowship** with an **All India Rank of 342** 2017
- Achieved **All India Rank 67** in 1st stage of **Indian National Chemistry Olympiad** out of 40,000+ candidates 2017
- Rewarded the **National Talent Search Examination (NTSE)** Scholarship with a selection rate of **0.1%** 2015

INTERNSHIP

ITC Limited (Foods Division) | (Tech Intern)

May '20-Jul '20

Amongst 55 students from all over India selected for **KITES Summer Internship Programme**

Objective	<ul style="list-style-type: none"> Standardization of common fixed cost at Integrated Consumer Goods Manufacturing & Logistics facilities
Approach	<ul style="list-style-type: none"> Identified 3 segments where standardization is possible by benchmarking them with other ITC plants Streamlined the chemical operations of biscuits and snacks lines and proposed 25% more efficient solutions Designed a 33% more efficient mode of refrigeration by optimizing the functioning of chillers Suggested a way to recover 75% of the heat emitted by the compressors using waste heat recovery units
Impact	<ul style="list-style-type: none"> Led to savings of Rs. 90 Lakhs by optimizing the common power consumption of the utilities Proposed savings of Rs. 80 Lakhs by revamping the entire effluent treatment process of the plant Overall cost reduction in the common fixed cost category by 19% in the 3 identified segments

RESEARCH EXPERIENCE

Indian Institute of Management Ahmedabad (Mentor: Prof. Sandip Chakrabarti)

May '19-Jul '19

Objective	<ul style="list-style-type: none"> Analysis of transportation accessibility at city level and study of Pradhan Mantri Gram Sadak Yojana
Approach	<ul style="list-style-type: none"> Developed a program to extract travel path of 4000 individuals using Google Maps Directions & Places API Devised a VBA coded platform to process a rural investment dataset containing 20,000 data points Conducted a literature review of 100+ research papers on Pradhan Mantri Gram Sadak Yojana
Impact	<ul style="list-style-type: none"> Results obtained through the program developed were later published in the journal, Applied Geography Completely automated the process of data extraction of establishments and travel times within a city

LEADERSHIP EXPERIENCE

President, Students' Gymkhana, IIT Kanpur

April '20-Present

Leadership	<ul style="list-style-type: none"> Elected by 7500+ students to represent the student body in 50+ institute level and 20+ ad hoc committees Chief Executive of a robust student organization comprising of 25 Clubs, 10 Societies, 5 Cells and 3 Festivals
Operations	<ul style="list-style-type: none"> Led the student representatives to select the Dean, Students' Affairs and Dean, Infrastructure & Planning Steered the IIT Students' Council to send a letter to MHRD demanding a relaxation in tuition fees Promoting mental health awareness by collaborating with organizations and installation of friendship benches Drafted a consolidated security handbook to remove ambiguities in the existing security guidelines
Impact	<ul style="list-style-type: none"> Spearheaded a Rs. 65 Lakhs fundraising campaign for 1000+ hostel workers to provide them financial support Raised Rs. 1.7 Crores to provide IT hardware to 600 economically weaker students via a fundraising campaign Extended the health benefits of the Student Health Insurance Policy to 1500+ graduating students

Convener, Council of Students' Hostel Affairs, IIT Kanpur

March '19 – April '20

Leadership	<ul style="list-style-type: none"> Elected by the Students' Senate to supervise and coordinate hostel affairs of 14 hostels and 7500+ students
Initiatives	<ul style="list-style-type: none"> Developed Hall Allocation Policy of 2019-20 and managed inter hall shifting of 1400 post graduate students Ensured smooth transition of 800 first year students to 4 different hostels reducing crunch by 66% Devised and implemented the summer and winter vacation stay policy for 2400+ students in 6 hostels
Impact	<ul style="list-style-type: none"> Drafted the Model Hall Constitution; accepted in both CoSHA and the Students' Senate Planned and executed the renovation work in 4 hostels which was pending for more than 10 year

KEY PROJECTS

Recruit restaurant visitor forecasting

Sept '20-Present

Course: *Data Mining and Knowledge Discovery*

- Building a **time series forecasting model** to predict the number of visitors in a restaurant using **Ensemble Learning**
- Applying data cleaning techniques by carrying **correlation** and **statistical analysis** on more than 3 million tuples
- Using **Machine Learning** algorithms such as Neural Networks, Random Forest Regressor & XGB Regressor

EXTRA CURRICULAR ACHIEVEMENTS

	Competition	Achievements	Level
Performing arts: Dance	Inter IIT Cultural Meet	Part of the contingent which secured: <ul style="list-style-type: none"> 3rd position in dance battle category in 2018 at IIT Roorkee 3rd position in do-it events category in 2018 at IIT Roorkee 	Inter IIT
	Antaragni, IIT Kanpur	Finalist out of 30+ teams in group dance category in 2018	National
	Rendezvous, IIT Delhi	Top 10 out of 60+ teams in group dance category in 2018	National
	Galaxy, IIT Kanpur	<ul style="list-style-type: none"> 1st position in dance battle category in 2019 1st position in dance drama category in 2019 	Intra-Institute