

EDUCATIONAL QUALIFICATION			*after 5th semester
Year	Degree	Institution	Score
Present	B.Tech. Chemical Engineering	Indian Institute of Technology Kanpur	7.85* CPI
2017	AISSE	Nalanda Academy, Kota	85.4%
2015	AISSE	S.R. Public School, Kota	10.0/10.0
SCHOLASTIC ACHIEVEMENTS			
<ul style="list-style-type: none">Attended VIJYOSHI CAMP, mentored by Nobel Laureates, conducted by IISc BangaloreAwarded Kishore Vaigyanik Protsahan Yojana (KVPY) Fellowship, DST, Government of IndiaAchieved 11th rank in Indian National Earth Science Olympiad, Geological Society of India, Govt. of India.National Talent Search Examination (NTSE) first stage qualified, NCERT, Government of IndiaAttended Training Camp of Indian National Earth Science Olympiad, Geological Society of India, Govt. of India			<div>2016</div> <div>2015</div> <div>2015</div> <div>2015</div> <div>2015</div>
PROJECTS			
<ul style="list-style-type: none">Code-Mixed Text Generation using Genetic Algorithm (Prof. Mayank Singh, CSE Dept, IIT Gandhinagar) Sept'20-Ongoing<ul style="list-style-type: none">Adapted with the state-of-the-art technologies used in Sentence Simplification to later work on code-mixed dataUtilised Grammar Correction Model, Sentence alignment tool and LaBSE(sentence embedder) to run the algorithmImproved evaluation metrics like WER, TER, NIST, and BLEU score comparing to the baseline experimentsText-Based Analysis of Financial Constraints (Prof. Suman Saurabh, IME Department, IIT Kanpur) Jul'20-Aug'20<ul style="list-style-type: none">Objective was to quantise Financial Constraints and study its impact on small-cap companies in Indian marketUsed NLP techniques like Tokenisation, Lemmatisation, processed over 400 machine-readable annual reports of firmsDifferentiated between equity, debt, private-placement focused delay of investment by finding specific words in dataStock Price Prediction using LSTM network (Self Project) Jun'20-Jul'20<ul style="list-style-type: none">Optimised an LSTM network to predict stock prices using Convolutional 1D layer, Bidirectional LSTM and Dense LayersImproved the mean absolute error form 0.94 using only LSTM network to 0.66 working on seven years of dataWebsite Development of Chemical Engineering Dept. (Prof. Rahul Mangal, CHE Department, IIT Kanpur) Aug'19-Feb'20<ul style="list-style-type: none">Revamped existing Website of Department of Chemical Engineering, IIT Kanpur using HTML and CSSDesigned the Front-End keeping in mind the user interactivity with website and hence improving user experience			
TECHNICAL SKILLS			
Programming: C, C++, Python, MATLAB, R Databasing: MySQL Utilities: Git, AutoCAD, HTML, CSS, Javascript, MS-Excel			
RELEVANT COURSES			
Chemical	Thermodynamics, Fluid Mechanics, Heat Transfer, Mass Transfer, Chemical Reaction Engineering		
Engineering	Data Structures & Algorithms, Financial Engineering, Introduction to Electronics		
Others	Fundamentals of Computing, Linear Algebra & Differential Equations		
POSITION OF RESPONSIBILITY			
Coordinator, Finance & Analytics Club (2020-21)			
Leadership	<ul style="list-style-type: none">Lead a team of 25 members, managed FB group of 2.6K members & a budget of 95K to promote financeConducted projects, discussion talks, seminars and workshops on various fields in finance and analytics		
Initiatives	<ul style="list-style-type: none">Organised month long workshop on Algo Trading, ML in Finance & Derivative Markets, 600+ participatedOrganised five, 2-month long summer projects on various innovative methods and techniques in finance		
Student Nominee, Department Undergraduate Committee, Chemical Engineering (2020-2021)			
<ul style="list-style-type: none">Advised students about their curriculum and monitored progress of academically weak students of the department			
Student Guide, Counselling Service Team (2019-2020)			
<ul style="list-style-type: none">Guided and mentored 4 freshman students in acclimatising to the environment of the instituteSuccessfully organised Orientation Program for 900+ freshmen working in a team of 175 student guides			
EXTRA CURRICULARS			
<ul style="list-style-type: none">Won a Silver Medal at inter hall badminton competition (Inferno), 2019Completed Hacktober Fest 2019, created plugin for personal assistant for macOS/LINUX telling user's current location			