

Educational Details			
Graduating Year	Program	Institute	Percentage/ CPI
2022	M.Tech, Industrial and Management Engineering	Indian Institute of Technology, Kanpur	8.27*/10
2020	B.Tech, Agricultural Engineering	ANGRAU, Guntur, AP	7.89/10
2015	Senior Secondary School RBSE	M.B. Public Sr. Secondary School, Kota	85.00/100
2013	Secondary School RBSE	M.B. Public Sr. Secondary School, Kota	87.67/10

*till 2nd semester

Internship	
Logistics Solutions, Gomazone Technologies Pvt. Ltd. Warehouse Tool Development <ul style="list-style-type: none"> Developed a web tool to replace warehouse planning done manually using Excel to reduce manpower & time Understood the warehouse operations, storage & space calculations; labor planning, expenditures (labor, operational, capital) Deployed the model using the Flask framework (Python, Flowgiston Library, HTML, CSS & SQLAlchemy) 	(May'21 - July'21)

Projects	
Course: Data Mining and Knowledge Discovery Topic: <u>Predicting Life Expectancy using Machine Learning</u> <ul style="list-style-type: none"> Applied preprocessing techniques like Winsorization to treat outliers and Imputation to handle missing values Identified attributes with high Correlation Factor and dropped one among the two having high variance in its data values Performed modeling on Linear Regression, Decision Tree, and Random Forest with hyper-parameter tuning using GridSearchCV Result: Random Forest performed best among other models giving RMSE of 3.24 in comparison to others.	
Topic: <u>Classifying Amazon Food Review</u> <ul style="list-style-type: none"> Applied techniques like null values imputation/removal, de-duplication, and noise removal for data cleaning Implemented feature engineering techniques like Bag-of-words, tf-idf, and Word2Vec to vectorize the text data Applied classification models - Logistics Regression, Naïve Bayes Classifier and Random Forest Classifier Result: Logistic regression with bag-of-words giving an accuracy of 0.87 with recall and precision of 0.9 and 0.92 respectively	

Course: Applied Machine Learning Topic: <u>Donor Classification</u> <ul style="list-style-type: none"> Implemented feature engineering like One-hot encoding for converting categorical featured data, logarithmic transformation to avoid skewness PCA for dimensionality reduction; Random Oversampling and Undersampling was used to handle class imbalance Applied classification models - Support Vector Machine, Logistic Regression, Random Forest Classifier, and Naïve Bayes ClassifierResult: Random Forest Classifier on oversampled data with precision and recall of 0.86 and 0.95 respectively	
Topic: <u>Customer Segmentation</u> <ul style="list-style-type: none"> Created new columns as Frequency, Amount, and Recency. Standardization of the data with StandardScaler after outlier treatment Applied clustering algorithms - k-means clustering with optimal k is obtained from Elbow Method and validated with Silhouette Algorithm Agglomerative Hierarchical Clustering with three clusters based on Dendrogram 	

Course: Statistical Modelling for Business Analytics Topic: <u>Analysis of the Advertising Media affecting Sales</u> <ul style="list-style-type: none"> Dependent variable: Sales in thousands. Independent Variables: TV, Radio, Newspaper (Budget in thousands of dollars) Implemented single regressor models considering independent variables individually. Implemented Multiple Linear regression Multiple R squared and adjusted R square values, residual standard error, Variance inflation factor used to evaluate models 	
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Course: Market Research Topic: <u>Analysis of Consumer Behavior towards Xiaomi smartphones</u> <ul style="list-style-type: none"> Design, Data collected using online surveys, focus groups, and personal Interview With people from different states Conducted exploratory descriptive research and analysis data using a statistical test (t-test) in SPSS with a 90% confidence level 	
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Relevant Courses and Skills	
Courses	Data Mining and Knowledge Discovery Applied Machine Learning Operations Research Probability and Statistics Statistical Modeling for Business Analytics Marketing Research
Skills	Technical: Python (NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, NLTK) SQL SPSS Microsoft Office Machine Learning Statistical Analysis , Surveying Non-Technical: Team Management , Adaptability, Problem Solving, Analytical Thinking, Decision Making Capabilities, People Management

Positions of Responsibility, Achievements, and Extracurricular Activities	
Organized 25+ webinars & Alumni meet and managing the logistics of the webinar as a Senior ACR coordinator at IME, MTech IITK	(Aug'21-Till Date)
Responsible for bringing issues faced by 400+ PG students to the student' Senate as PG – Y20 Senator at IITK	(Mar'21-Till Date)
Initiated weekly webinar series showcasing Alumni Talks and batch meets as Junior ACR coordinator at IME, MTech	(Sep'20- July'21)
Acted as the voice of 600+ B.Tech students at the student-teacher council Meet as Student Representative at ANGRAU Guntur	(July'17-June'20)
Managed mess operations and resolved issues related to food of 600+ students as Mess Coordinator at ANGRAU Guntur	(July'18-June'19)
Devoted a period of 240+ hours of service under regular activities in 3+ years as an NSS Volunteer at ANGRAU Guntur	(July'16-June'19)
All India Rank 12 , having Secured 99.37 percentile for the paper Agricultural Engineering in GATE 2020	
Bagged AIR 201 in ICAR AIEEA, Securing Merit cum means scholarship throughout the undergraduate program (2016 -2020)	
Secured 1st position in college-level Exhibition and Essay Writing Competition among 100+ students organized by ANGRAU, Guntur	
Secured 2nd position in Elocution competition among 1000+ students organized by Income Tax Office Bapatla, Andhra Pradesh	
Secured 3rd position in the College level Debate and Solo Singing Competition among 100+ students organized by ANGRAU, Guntur	