

ANKUSH OJHA

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ACADEMIC QUALIFICATION

YEAR	DEGREE	INSTITUTE	PERFORMANCE
2017-Present	M.Tech. (Industrial & Management Engineering)	Indian Institute of Technology, Kanpur	9.0 [1 st Sem]
2015	B.Tech. (Mechanical Engineering)	Kamla Nehru Institute of Technology, Sultanpur	79.66%
2011	Class XII, CBSE Board	Aditya Birla Public School, Jagdishpur	94.60%
2009	Class X, CBSE Board	Aditya Birla Public School, Jagdishpur	92.17%

ACADEMIC PROJECTS (PG)

Implementation of Ranked Positional Weight Technique for Assembly Line Balancing using JAVA Programming

Using the Ranked Positional Weight Heuristic in Assembly Line Balancing Problem to obtain workstations with high Line Efficiency.

Key Learning:

- Concept of Assembly Line Balancing & RPW Heuristic.
- JAVA Programming

Sales & Advertising: Causal Analysis of Sales of a Product with different Advertising Media

To develop an accurate model that can be used to predict sales of a product on the basis of the three media budgets: TV, radio, and newspaper.

New York Taxi Trip Duration

To build a model that predicts the total ride duration of taxi trips in New York City. Primary dataset is one released by the NYC Taxi and Limousine Commission, which includes pickup time, geo-coordinates, number of passengers, and several other variables.

SUMMER TRAINING (UG)

INDO GULF FERTILIZERS (Unit of Aditya Birla Nuvo Ltd.)

- **TOPIC:** REFRIGERATION AND AIR CONDITIONING
- **ABOUT:** Indo Gulf fertilizers manufacturers and markets Urea under the brand name Birla Shaktiman. Natural gas supplied by Gas Authority of India Limited (GAIL) through a 1700 Km long cross-country pipeline called (HBJ pipeline). Study conducted on Ammonia Refrigeration to produce liquid ammonia from gases and Central Air Conditioning Plants.

COURSEWORK & SKILLS

Relevant Courses	Probability & Statistics Introduction to Java Operation Research Design of Production Systems Data Mining and Knowledge Discovery Statistical Modelling for Business Analytics Computer Aided Decision Support Systems Operations Management
Technical Skills	C++ Java Python R Machine Learning MS Office HTML CSS PHP MySQL

POSITION OF RESPONSIBILITY

Internship Coordinator, IME, IIT Kanpur

- Elected as Internship Coordinator of IME department for the year 2017-18
- Responsible for internship of MTech students of IME Department, IIT Kanpur

President, MEF, KNIT Sultanpur

- Managed all the activities and workshops of Mechanical Engineering Forum.

AWARDS & ACHIEVEMENT

Academic	<ul style="list-style-type: none">• Secured All India Rank 822 (99.56 percentile) in GATE-2017(Mechanical)• Received C.B.S.E. Certificate of merit for A.I.S.S.C.E.-2011 awarded to top 0.1% successful students in C.B.S.E.
Leadership	<ul style="list-style-type: none">• Represented Mechanical Department as "Technical Representative" in "Efulgence", technical fest of KNIT Sultanpur.• Responsible for revival of MEF, forum of Mechanical Department in UG, "President" of the same.