

ABHISHEK MISHRA

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ACADEMIC QUALIFICATION

YEAR	DEGREE	INSTITUTE	PERFORMANCE
2017-Present	M.Tech. (Industrial & Management Engineering)	Indian Institute of Technology, Kanpur	Sem 1 st 6.00
2016	B.Tech. (Mechanical Engineering)	B.I.E.T. , Jhansi	67.55%
2011	Class XII, ISC Board	St. Antony's Inter College, Lucknow	83.33%
2009	Class X, UP Board	SSS Vidyalaya, Obra	79.33%

SUMMER INTERNSHIP

HINDALCO INDUSTRIES

May'14-July'14

- Analyzed the working and operation of fluid coupling.
- Studied about increasing reliability and performance of fluid coupling.

OBRA THERMAL POWER PLANT

May'14-July'14

- Studied about working principle and various operation of locomotive.
- Analyzed about network of coal supply and optimization of transportation charges.

ACADEMIC PROJECTS

KKBox's Churn Prediction

Feb'18 - Present

- My data mining project in which we have 180 million of data with 9 independent variable
- I have to predict whether customer will churn back by analyzing training data and applying logistic regression
- I am also planning to apply neural network and compare results

Statistical analysis of annual hourly income based on various parameters

Feb'18 - Feb'18

- this project was basically statistical analysis of average hourly income based on gender, age, education etc. parameters

Line Balancing of Production System By Genetic Algorithm

Sep'17-Sep'17

- Applied genetic Algorithm in Line Balancing for efficient scheduling of jobs

Effect of coating on abrasive wear behavior of Al-6061 alloy

Nov'16-Nov'16

- Fabricated experimental setup and prepared specimen for testing.
- Analyzed the data and recommended the most effective coating for wear protection and low rate of failure.

COURSEWORK & SKILLS

Relevant Courses	Design of Production System Probability & Statistics Introduction to Computing Operation Research Computer Aided Decision Support Statistical Modelling & business analytics Data mining Software Project Management
Technical Skills	R-programming Python numPy pandas Matplotlib SciPy openCV Machine Learning C JAVA MS Office Excel HTML CSS JAVASCRIPT PHP MySQL

POSITION OF RESPONSIBILITY

Techfest coordinator at Department of Mechanical engineering

2014-2015

- Organized events such as water Rocket and hydraulic crane in Techfest for first time in college.

AWARDS & ACHIEVEMENT

Academic	<ul style="list-style-type: none">• Secured All India Score of 807 in GATE-2017 with 99.67 percentile
Extra-Curricular	<ul style="list-style-type: none">• Secured 3rd prize in dramatics during B.Tech.• Participated in workshop on Robotics• Participated in technex'14 in IIT BHU in Momentum(water rocket event), 2-States(Debate)
Leadership	<ul style="list-style-type: none">• Head of technical events in Mechanical engineering department