

AMBIKA PRASAD SRIVASTAVA

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ACADEMIC QUALIFICATION

YEAR	DEGREE	INSTITUTE	PERFORMANCE
2017-Present	M.Tech. (Industrial & Management Engineering)	Indian Institute of Technology, Kanpur	6.5 [1 st Sem]
2016	B.Tech. (Mechanical Engineering)	Institute of Engineering and Technology, Lucknow	76.06%
2011	Class XII, CBSE Board	Jawahar Navodaya Vidyalaya, Gonda	86.8%
2009	Class X, CBSE Board	Jawahar Navodaya Vidyalaya, Gonda	92.2%

SUMMER TRAINING

BHEL, Project Engineering Management Division, Noida

Studied about "Water Treatment and Water Management System" in Thermal Power Plant.

DLW, Varanasi

Studied about sub assembly of engine parts in Railway Engine and different types of welding techniques.

ACADEMIC PROJECTS

Cooling load requirement of building as a function of building parameter

We perform energy analysis and build a regression model using 12 different building shapes simulated in Ecotect. The buildings differ with respect to the glazing area, the glazing area distribution, and the orientation, amongst other parameters. The dataset comprises 768 samples and 8 features.

KKBox's Churn Prediction

Data mining project in which we have 180 million of data with 9 independent variables. KKBOX offers subscription-based music streaming service. We have to predict whether a customer will churn after his/her subscription expires by analyzing training data and applying logistic regression.

Report on existing Solid Waste Management in Lucknow

Collected data of waste generation and its management like segregation, landfilling, RDF making etc. from U.P. Jal Nigam, Regional Centre for Urban and Environmental Studies, Municipal Corporation and Jyoti Envirotech Pvt. Ltd. Analyzed the data, discussed over various types of waste management in India and their feasibility in Lucknow, discussed with different group of people comprising of different societies about waste management, their role and govt. role in waste management.

Suggested some methods to Municipal Corporation Lucknow like Plasma Gasification waste to energy conversion, segregation at primary stages etc.

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
Technical Skills	R Language (Basic) MySQL HTML PHP Java(Basic) C Language (Basic)

POSITION OF RESPONSIBILITY

JOINT SECRETARY OF MECHANICAL ENGG FORUM 2013-14

- Responsible for the event management and fund collection through sponsorship.

ASSISTANT COORDINATOR IN SRIJAN EVENT IN MECHFEST 2014

- Responsible for conducting and management of SRIJAN event.

BUDDY IN WINTER SEASON ADMISSION PROGRAM AT IITK

- Responsible for guiding new PG students during their admission in IITK.

AWARDS & ACHIEVEMENT

Academic	<ul style="list-style-type: none">Secured All India Rank 1223 in GATE-2017(Mechanical)
Leadership	<ul style="list-style-type: none">Achieved RAJYA PURASKAR in SCOUT from BHARAT SCOUT AND GUIDE.Bagged 2nd prize in Kho-Kho event in Annual Inter-College sports meet of IET.Participated in JUDO Regional Meet 2009-2010 held at JNV GB Nagar.