KOLNATI SUDHIR
MTECH (Industrial & Management Engineering)

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ACADEMIC DETAILS

YEAR	QUALIFICATION	EDUCATIONAL INSTITUTION	BOARD/ UNIVERSITY	PERCENTAGE
2017-19	M.Tech (IME)	Indian Institute Of Technology, Kanpur	IIT Kanpur	8.0 (CPI)
2012-16	B.Tech - Mechanical	SRM University, Chennai	SRM University	8.85 (CPI)
2012	Class XII	Sri Chaitanya Educational Institutions, Visakhapatnam	State Board	96.8
2010	Class X	St.Mary's High School, Yellamanchilli	State Board	91.1

ACADEMIC PROJECTS

Post Graduation	**Course Evaluation of Professors'**
	Project consisted of creating different regression models to see the impact of beauty on course evaluation given by students
Post Graduation	**Recruit Restaurant Visitor Forecasting**
	The aim of this project is to predict the total number of visitors to a restaurant for future dates. Data analysis is done by R and ARIMA model is used for forecasting
Under Graduation	**Thermal Analysis of Solar Flat plate collector using Phase Change Material**
	Project consisted of Designing of equipment, CAD Modelling, Development of Experimental Setup, Testing and Experimentation

INDUSTRY EXPOSURE

Under Graduation (Internship)	**Hindustan Petroleum Corporation Limited**	Dec'14
	Acquired knowledge about working of compressors, valves, pumps and other mechanical devices	
	Visakhapatnam Steel Plant	Jun'14
	Acquired knowledge about steel manufacturing process and hot working of steel	

COURSEWORK & SKILLS

Relevant Courses	Data Mining and Knowledge discovery | Statistical Modelling for Business Analytics | Operations Research | Design of Production Systems | Probability & Statistics | Introduction to Computing-Java | Computer Aided Decision Systems | Renewable Energy-Economics, Policy and Regulation | Business Management using Cloud |
Technical Skills	Python | R | SQL | MS Excel | Java | C | PHP | HTML | SolidWorks | Catia |

POSITIONS OF RESPONSIBILITY

IIT Kanpur	Senior Executive , Academics and Research Cell Core member of web development team of IME department, IIT Kanpur Core member of Computer and ICT of Unnat Bharat Abhiyan, a village uplift program

ACADEMIC AWARDS AND ACHIEVEMENTS

- Published a paper on 'Thermal analysis of flat plate collector using PCM' in Indian Journal Of Science & Technology in 2016
- Awarded scholarship for 3 consecutive years from 2013-2016 for excellent academic performance

ACTIVITIES AND INTERESTS

- Worked as a committee member in CSI during Aarush-14 in SRM University
- Secured 1st prize in painting competition conducted by Non-Conventional Energy Development Corporation Of A.P LTD
- Actively participates in data analysis competitions in Kaggle