

# JITENDRA KUMAR

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## ACADEMIC QUALIFICATION

YEAR	DEGREE	INSTITUTE	PERFORMANCE
2017-Present	M.Tech. (Industrial & Management Engineering)	Indian Institute of Technology, Kanpur	7.5[1 <sup>st</sup> Sem]
2015	B.Tech. (Mechanical Engineering)	Kamla Nehru Institute of Technology, Sultanpur	73.46
2010	Class XII, UP Board	GSVM Inter College, Raebareli	79.60
2008	Class X, UP Board	GSVM Inter College, Raebareli	71.16

## ACADEMIC PROJECTS (PG)

### Predicting the numbers of visitors on a particular date in a restaurant

Forecasting the visitors for a particular restaurant on a particular date using past data using R.

### Developing a model for Sales – Advertisement data

Developed a best suitable regression model for the given Sales-Advertisement data using R.

### 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.

### Cloud Computing in Smart Railways

Implementing cloud computing in railways to increase the passenger facility and also railway revenue.

## SUMMER TRAINING (UG)

**NTPC UCHAHAR: Feroze Gandhi Unchahar Thermal Power Plant** is located at Unchahar in Raebareli district in Indian state of Uttar Pradesh. The power plant is one of the coal based power plants of NTPC Limited. It has an installed capacity of **2010MW**. My work was connected to the study of all components of boiler and turbine section.

**INDIAN TELEPHONE INDUSTRY LIMITED:** Commonly known as **ITI Limited**, is a state-owned manufacturer of telecommunications equipment in India. It produces GSM mobile equipment at its Mankapur and Rae Bareli Plants.

## FINAL YEAR PROJECT (UG)

**MAGNETIC ABRASIVE FINISHING:** To study magnetic abrasive finishing as an efficient tool for finishing of work piece. Fabricate a low-cost machine from commonly used materials that can be used as the experimental setup.

## COURSEWORK & SKILLS

<b>Relevant Courses</b>	Probability & Statistics   Introduction to Computing   Operation Research   Design of Production Systems   Data Mining and Knowledge Discovery   Statistical Modelling for Business Analytics   Computer Aided Decision Systems   Business Management Using Cloud
<b>Technical Skills</b>	Java   MS Office   HTML   PHP   R
<b>Online courses</b>	Intro To Python (DATA CAMP)   Python 3 (Sololearn)

## POSITION OF RESPONSIBILITY

- Currently **Senator** of Student **Gymkhana IITK**.
- Currently **Seminar Coordinator** of our batch in IITK.
- Organized an event **Aqua-Crane** in national level techfest **Effulgence'15** held in KNIT, Sultanpur.
- Member of core team of organizer for **TVARAN'13**, a national level sport meet of KNIT Sultanpur.

## AWARDS & ACHIEVEMENT

- Participated in **TECHKRITI'14** an international techfest organized in **IIT, Kanpur**.
- Secured 1<sup>st</sup> position in an event **CODE JAM** organized by **COMPUTER SOCIETY OF INDIA**, KNIT Sultanpur.
- Secured 3<sup>rd</sup> position in **A Step Ahead** event in **Effulgence 2K11** held in KNIT, Sultanpur.

## EXTRA CURRICULAR ACTIVITIES

- Being involve in a social work **PRAYASH IITK** where we teach underprivileged kids.
- Member of a NGO **KOSHISH** in which taught poor children for more than 3 years.
- Participated several times in Blood Donation Camp.