

# ANKESH KUMAR | 21AG10002

## AGRICULTURAL & FOOD ENGG.(B.Tech 4Y)



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Year	Degree/Exam	Institute	CGPA/Marks
2025	B.TECH	IIT Kharagpur	8.15 / 10
2021	AISSCE	DMP Holy Mission School	96.2%
2019	AISSE	DAV Public School HFC Barauni	96%

## **INTERNSHIPS**

**Pocket FM | Marketing Operations Intern** 

**QA Solvers | Business Development Intern** 

[July'23 - Sep'23]

- Responsible for overseeing & enhancing the framework of 6 most engaging audio narratives aimed to attract the American audience
- Conducted a comprehensive evaluation of the strategies of Domestic & International companies to identify & adopt innovative methods Assisted in the continuous examination of the different records and data and formulated an Ad hoc plan to engage the audience

[July'22 - Aug'22]

- Commenced an idea to start a students ecosystem that offers opportunities in the domains of teaching and professional training
- Responsible for preparing & overseeing workflow models to ensure stability & consistency across 10+ major cities & remote networks
  Endeavored to standardize and enhance program visibility by analysing various industries and collecting data from five different verticals

## **PROJECTS**

Mergers & Acquisitions Case Study | Self Project

[April'23 - May'23]

- Performed SWOT & PEST analysis of Flipkart & eBay India and articulated points of parity & disparity between these two companies
- Examined the business & industrial situation of eBay India and enlisted the reasons behind its undervaluation over a period of time
- Conveyed the gains and potential dangers associated with Flipkart's acquisition of eBay India using Discounted Cash Flow analysis

## FIXIT - Pitch Deck | Rajendra Mishra School of Engineering Entrepreneurship [ Advisor: Prof Mrigank Sharad ]

[Jan'23 - April'23]

- Developed a unique and persuasive presentation deck to address challenges encountered by individuals in diverse domestic services
- Addressed the issue of the inadequate proficient workforce in the second and third-tier cities across various regions of India
  Pitched Fixit, a cutting-edge platform that seamlessly connects individuals with proficient experts for a wide array of domestic services
- Detailed evaluation of the market & formulated a Competitive Market Strategy (SWOT analysis), alongside the Growth & Revenue model

## Robotic Vacuum Cleaner | Course Project

[April'22 - June'22]

[ Advisor: Prof Titash Mondal, IIT Kharagpur ]

- Built a robot using Arduino, an Infrared Sensor, an Ultrasonic Sensor, and a Motor driver that can be used as a Vacuum Cleaner
- Used HC-SR04 and PIR Sensors to identify pathways and determine the distance of obstacles while cleaning the path in between

## POSITIONS OF RESPONSIBILITY

## Core Organising Team Member | Spring Fest

[Aug'22 - April'23]

- Individually garnered funds and sponsorships worth 2 lac+ INR through corporate deals & leveraging alumni network of IIT Kharagpur
- Spearheaded publicity drives in colleges across the regions of Delhi and Bihar and successfully conducted Nation Wide Prelims
   Took Up the Fest Time Responsibility of "Accommodation" during Spring Fest and oversaw the stay of over 3000 participants
- Led the organisation of Lakeside Dreams & The Notes Less Travelled, leading to a 250% & 120% growth in participants, respectively
- Coordinated Indie Carnival and invited Rahul Kharbanda, a Guinness Record Holder Magician, for a captivating performance

Secretary | Agricultural Engineering Society

- Led a team of 35+ members in organising Prakriti-2023, IIT Kharagpur's Agri and Food Innovation Fest consisting of over 13 events
- Headed a team of 40+ campus ambassadors for publicity across India & worked on the design & development of the official website

#### **AWARDS AND ACHIEVEMENTS**

- Awarded with NCC 'B' Certificate with Alpha grading for the overall performance in the Annual NCC Training Camp 2022
- Cleared JEE Advanced 2021 among 1 million candidates & secured rank in the Top 1.35% out of 1 million candidates in JEE Main 2021

## **SKILLS AND EXPERTISE**

**Languages & Technologies:** Python | C | Numpy | Pandas | MS Excel | MySQL | Machine Learning | Tensorflow **Technical Skills:** Growth & Strategy | Business Development | Leadership | Product Management | Guesstimates | Consumer Research

## **COURSEWORK INFORMATION**

Institute Coursework: Introduction to Innovation & Entrepreneurship | Probability & Statistics | Economics | Partial Differential Equations | Advanced Calculus | Programming and Data Structures | Linear Algebra | Basic Electronics | Thermodynamics | Fluid Mechanics MOOCs: Machine Learning (Standford University) | Financial Market (Yale University) | Structured Query Language (SQL)

## **EXTRA CURRICULAR ACTIVITIES**

- Member of the Silver-winning Team in the Open-IIT Short Film Making 2022 competition, organised by Gymkhana, IIT Kharagpur
- Created a Silver-winning Aftermovie of Illumination 2022 in a Short Video Making event organised by Gymkhana, IIT Kharagpur
   Represented Azad Hall of Residence in the Open-IIT Volleyball Tournament 2022, organised by Gymkhana, IIT Kharagpur

- Participant of the Gold-winning Illumination team and Bronze-winning Rangoli team representing Azad Hall of Residence in 2022
   Awarded Gold in the Intra-Hall Photostory Competition organised by Azad Hall of Residence, which consisted of over 10 teams in 2022
- Responsible for event coverage as a member of the Editing & Design team of Azad Hall of Residence during the academic session 2022-23